

**REPORT ON  
GEOCHEMICAL SURVEY**

**NORDEX EXPLORATION LIMITED**

**DIP CREEK WATERSHED INCLUDING  
HEADS OF BRITANNIA AND SUNSHINE CREEKS  
YUKON TERRITORY**

**CANA EXPLORATION CONSULTANTS LIMITED**

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\* \* \* \* \*

**Plan:      Geochemical Survey Data  
            (Stream Silt Samples)  
            Nordex Exploration Limited  
            Dip Creek Watershed including  
            Heads of Britannia and Sunshine Creeks  
            Yukon Territory, Canada  
            Base map from Claim sheets 115-J-10 and 15  
  
            Scale: 1 mile = 2 inches**

**The President and Directors,  
Nordex Exploration Limited,  
P. O. Box 827,  
Whitehorse, Yukon Territory**

**Gentlemen:**

**This report describes the results of a program of geo-chemical survey conducted to cover the Dip Creek watershed, including heads of Britannia and Sunshine Creeks, north of Stevenson Ridge and south of Yukon River. The survey was directed by your consulting engineer, Mr. C. D. N. Taylor. The results are depicted on the plan accompanying this report.**

**SURVEY DATA -**

**The survey was carried out by collecting silt or soil samples at approximately 1/4 mile distance along some 114 streams in the area. Samples were collected at depth of about one foot, wherever it was possible, and sent to T. S. L. Laboratories Limited, at 325 Howe Street, Vancouver 1, B. C., for assaying by hot extraction method for copper, lead and zinc. Check samples were collected from the headwaters of Casino Creek where strong indications of copper and zinc were encountered. In addition to assaying for copper, lead and zinc, a semiquantitative spectrographic analysis was made on a composite sample from 36 of these check samples.**

## SURVEY RESULTS -

Values of over 250 parts per million in copper, lead or zinc are classified as anomalous in this report. Values below 30, 30, 60 p. p. m. in copper, lead and zinc, respectively, are not considered of any practical interest.

The survey has clearly outlined three anomalous areas which have different characteristics:

- (1) Creeks 21-22 area - Creek 21 is characterized by high lead values (up to 840 p. p. m. ), with associated zinc (up to 400 p. p. m. ). The values, in general, increased toward the area of the Bomber veins, indicating that the source is mainly from there; but: (a) there is no appreciable values in copper (below 27 p. p. m. ) - although there is a lens with heavy chalcopyrite mineralization encountered by drifting underground; (b) the anomalous condition is open to the north of Creek 21 - indicating the possibility of having an occurrence similar to the Bomber veins further north. A program of geophysical survey has been recommended to check the area to the north and northwest of the area of the Bomber Showing.

**(Supplementary Report on geophysical survey results,  
Central part of property, Casino Creek Area, Casino  
Silver Mines Limited, October 26, 1966.)**

**Creek 22 is located to the southwest of the Helicopter  
Showing, but separated by a ridge, and the stream  
located down slope from it has not been sampled.**

**However, there are samples with anomalous zinc  
values (up to 335 p. p. m. ) with increment of low  
lead values toward the lower part of this creek.**

**The source of these could be from mineralization  
associated with the E. M. conductor traced from the  
Helicopter Showing toward this part of a hill faces  
Creek 22. A diamond drill hole was spotted to test  
the southeast end of this conductor before the end  
of the field season.**

- (2) Creeks 20, 24 and 1-B area - This area is character-  
ized by high copper values (up to 2400 p. p. m. ), with  
zinc (up to 425 p. p. m. ), but little lead (up to 185 p. p. m. ).  
Anomalous silt samples obtained here spread along this  
part of the Casino Creek for a distance of 3 1/4 miles.**

This is twice as long as that spread along Creek 21 (about 1 mile) below the Bomber veins. Anomalous samples with from 540 p. p. m. copper spread along the lower one mile, the upper 1 1/4 miles have anomalous samples from 990 to 2400 p. p. m. copper.

The anomalous zinc values are consistent at the lower 1 1/4 miles, but become normal at the upper one mile. It follows that there could be more than one source for the base metals in the anomalous silt samples: one, to be located at the upper reaches with copper but no zinc, and the other with copper and zinc. It is also possible that these sources to be found are striking more-or-less northwesterly parallel to this part of the main stream of Casino Creek.

Semiquantitative spectrographic analysis of a composite sample of 36 silt samples from here gave 0.03% copper, 0.05% barium, 0.5% titanium, and 0.02% zirconium. While barite has been observed

at the Bomber Showing, zircon and rutile are commonly found in auriferous sands. In fact, the composite sample assayed 0.93 oz. gold per ton.

The occurrence of gold in the stream silt samples associated with high values in copper and zinc, is considered significant. Above background values of copper (up to 150 p. p. m. ) and zinc (up to 99 p. p. m. ) occur at and below the Canadian Creek placer gold deposit. There could be a gold occurrence at or near surface in this area (2). This possible gold occurrence may extend toward the neighbouring Canadian Creek and could be the source of its placer deposit.

Aeromagnetic data indicated the occurrence of a small magnetic low anomaly at the vicinity of this area.

Ground geophysical survey has located on the ground part of this aeromagnetic low and encountered one conducting zone, which, if mineralized, could be the source of some of the high copper values found in the silt samples. Another zone is inferred as favourable

for the possible occurrence of gold mineralization. Test diamond drilling and geological prospecting have been recommended to check their possibilities. (Report on Geophysical Survey, Anomaly "C" Area, Casino Silver Mines Limited, dated October 25, 1966.)

However, the ground geophysical survey has covered only the section with high values in copper, but not the section with both high values in copper and zinc. The survey has to be extended approximately 1/4 mile to the southeast in order to cover part of the section with high values in copper and zinc. Furthermore, the survey has encountered no conducting zone which is likely to be the source of an anomalous sample collected from the upper reaches of Creek 24. It is recommended in the report quoted above to extend the survey further northwest to check this and geophysical indications obtained by a survey at the northeast part of the Canadian Creek Area.

It has also been recommended to extend the ground geophysical survey to cover the area between the area of the Bomber Showing ("A" area) to this "C" area for the possibilities of base metals as well as gold.

- (3) Other anomalous areas - There are three more creeks (Creeks 109, 110 and 112) where few anomalous zinc values were detected from the stream silt samples. The values are from 250 p. p. m. to 350 p. p. m., with only background values in copper, and up to 180 p. p. m. values in lead. They are located to the north of the ridges of the Dawson Range which separates the Casino Creek from the Canadian Creek. These indications are comparable to that encountered along Creek 22. The indications along Creek 112 are apparently more persistent. Geological prospecting in the area between samples 2 and 3 of said creek may serve to check their source.

Samples with values of over 40 p. p. m. copper, partly with over background values of associated zinc, were

encountered at Creeks 5, 11, 81, 67 and 93. These are considered as indications possibly associated with gold.

**CONCLUSIONS AND RECOMMENDATIONS -**

The geochemical stream silt samples survey has successfully checked the huge area involved, and obtained outstanding indications which are considered important and may lead to the discovery of new ore deposits. Their significance and further exploration work required to fully explore the anomalous areas indicated by this survey have been described. The work involved extensions of the geophysical surveys carried out up-to-date on different areas adjoining the "A" and "C" areas to cover an additional 20 claims; also, geological prospecting to be assisted by some trenching and sampling at different target zones and diamond drilling of indications obtained by geophysical survey performed up-to-date as described in previous reports to Casino Silver Mines Limited.

The writer also recommends that the following silt samples be assayed for gold for further evaluation: Creek 11, samples 1-5; Creek 5, samples 1-6; Creek 67, samples 1-3; Creek 81, samples 1-3; Creek 93, samples 1-3; all inclusive.

Respectfully submitted,

**CANA EXPLORATION CONSULTANTS LIMITED**

SSS:rk  
Encl.

Toronto, Ontario  
October 31, 1966.

  
S. S. Suetu, Ph. D.  
Consulting Geologist

LETTER OF TRANSMITTAL

Actual mineral claim stakings and recordings during the year by Nordex Exploration Limited in the Dip Creek area and on Canadian, Britannia and Sunshine Creeks in the same general district, amount to 608 mineral claims as follows:

	Mineral Claims:
Dip Creek Area	Dip 1 to 8 inclusive
	Vic 1 to 8 "
	Ray 1 to 8 "
	Red 1 to 8 "
	Ray 9 to 456 "
	Pat 1 to 56 "
	Sun 1 to 72 "

These claims occupy rather a large area on both sides of the divide separating the Dip Creek drainages to the south-west from the Britannia-Isaac Creek drainages to the north. In order to give this whole area overall prospecting coverage during the first season, a geochemical silt sampling survey was conducted under my direction by Cana Exploration Consultants Limited who used six Nordex Exploration Limited employees.

The names of the persons taking part in this survey are as follows:

Dr. S. S. Szetu,	Geologist,	Suite 427, Richmond Street E., Toronto.
Joseph Kakish,	Operator,	" " " " " "
Gaston Heyerdahl,	"	" " " " " "
C. E. Ford,	Helicopter Pilot,	c/o Nordex Exploration Ltd., Whitehorse.
R. VanWyk,	Tractor Operator,	" " " " "
J. Rypalski,	Labourer,	" " " " "
D. Pastro,	Cook,	" " " " "
B. Hawes,	Labourer,	" " " " "
R. M. Blunt,	Labourer,	" " " " "
T. S. L. Laboratories Ltd.,		325 Howe Street, Vancouver, B.C.
C. D. N. Taylor,	Engineer,	3943 Locarno Lane, Victoria, B.C.

The survey and analytical procedures are described in full in the attached reports. The expenditure on the survey amounted to \$17,293.61. Vouchers and an affidavit for this expenditure; also, applications for grouping 168 of the mineral claims and for recording the assessment work on these claims for a period of one year from their respective expiry dates, are included herewith.

Respectfully submitted:

*C. D. N. Taylor*

C. D. N. Taylor, P.Eng.

GEOLOGICAL SURVEY  
JAN 18 1967  
Resident Geologist  
Whitehorse, Y. T.

This report has been examined by  
the Geological Evaluation Unit.  
Approved as to technical worth by:  
*D. C. Galloway*  
RESIDENT GEOLOGIST  
Approved as to amount in the amount  
of: \$ 17,293.61  
for *D. G. Hedden*  
Accepted as representation work  
Under Section 33(4) Yukon Quartz  
Mining Act.  
*[Signature]*  
COMMISSIONER OF MINES

CERTIFICATE

I, C. D. N. Taylor, of the City of Victoria, in the Province of British Columbia, do certify that:

1. I am a Mining Engineer residing at 3943 Locarno Lane, Victoria, B.C.
2. I am a registered Professional Engineer of the Province of British Columbia, also a registered Professional Engineer of the Territory of Yukon, and I have been practising my profession continuously since the year 1932.
3. I am retained by Nordex Exploration Limited as their Mining Consultant. I have no direct or indirect interest in the property of Nordex Exploration Limited, described in the accompanying reports, or in any securities pertaining thereto.
4. The Pat 1 to 56 Claim Groups are registered in the name of Aishihik Exploration Limited, a subsidiary company fully owned by Nordex Exploration Limited. The representation work was accomplished by Nordex Exploration Limited prior to October, 1966, when these claims were transferred. The balance of the claims referred to in the report are owned and registered in the name of Nordex Exploration Limited.
5. The 685 silt samples which are mapped and referred to in the attached geochemical reports were taken under my direction and were assayed by T. S. L. Laboratories of 325 Howe Street, Vancouver, B.C. The assay certificates are on file in my office.

  
C. D. N. Taylor, P.Eng.

Dated at Victoria, B.C.  
December 15th, 1966.

INTRODUCTION

This will serve to introduce Dr. S. S. Szetu, who is referred to in the accompanying report, and who is the author of the Geochemical Survey Report appended thereto. I have known Dr. Szetu for a period of six years and can certify to the following:

1. He resides at 36 Whittaker Crescent, Willowdale, Ontario, and is a Consulting Geologist. His office is located at Suite 427, 12 Richmond Street East, Toronto 1, Ontario, and he is President of Cana Exploration Consultants Limited of Ontario.
2. He holds a Degree of B.Sc. in Geology, 1941, from National Sun Yat Sen University, China, and a Degree of Ph.D. in Geology, 1954, University of Toronto, and has been practising his profession in geological and geophysical engineering since graduation.
3. He is a Fellow of the Geological Association of Canada, a Member of the Mineralogical Association of Canada, the American Geophysical Union, and the Canadian Institute of Mining and Metallurgy.
4. He has examined the property of Norbex Exploration Limited and has based his report on that examination, and on the field notes and geochemical data supplied by operators in his employment and who conducted the survey on the property continually between August 1st and 16th, 1966.

  
C. D. N. Taylor, P.Eng.

Dated at Victoria, B.C.  
December 15th, 1966.

# NORDEX EXPLORATION LIMITED

VANCOUVER OFFICE  
100 WEST PENDER ST.  
PHONE 683-2451

YUKON OFFICE  
P.O BOX 827  
WHITEHORSE, Y.T.

## DETAILS OF EXPENDITURES 1st to 15th August 1966

Proctor Construction Co. Ltd. — Rental of D8 Caterpillar Tractor		\$2,510.00	
" " " " — Rental of Aircraft		6,720.00	
T.S.L.Laboratories Ltd — as per invoices		1,494.75	
Cana Exploration Consultants Ltd. as per invoices		1,949.50	
C.D.N.Taylor P. Eng. August Account		702.25	
Cookhouse Expenses :-			
Burns & Company Ltd.	\$264.87		
Tourist Services Ltd.	<u>68.58</u>	333.45	
Wages & Board of personnel as per wage summary			3,583.66
			<u>\$17,293.61</u>

The above expenditures as per the attached vouchers are hereby certified as correct

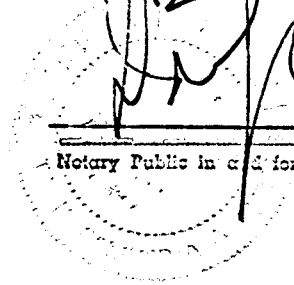
*C.D.N. Taylor*  
C. D. N. Taylor, P.Eng.

Sworn before me at Victoria, B.C.  
this 12<sup>th</sup> day of December, 1966.

*[Signature]*

---

Notary Public in and for the Province of British Columbia





# TOURISTS SERVICES LTD.

Box 160  
WHITEHORSE, Y.T.

NORDEX EXPLORATION,  
BOX 2080,  
WHITEHORSE, Y. T.

DATE	REFERENCE	CHARGES	CREDITS	BALANCE
			BALANCE FWD.	<i>2</i>
AUG 12 66	95.757	63.24 ✓		63.24 *
AUG 18 66	36,149	5.34 ✓	<i>Pay</i>	68.58
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: fit-content; margin: 0 auto;"> <p><i>Pd. Sept 14 # 483 68.58</i></p> </div>				

PHONE 2311



SERVING CANADIANS WITH QUALITY MEATS  
WHITEHORSE, YUKON TERRITORY

SCALED BY	CHECK CROSS	WEIGHED NET
EXT. BY	CHK'D BY	PRICES O.K.
DRIVER:		

CHARGE TO NORDEX EXPLORATIONS LTD.,  
WHITEHORSE, Y. T.

DATE 8/8/66.

INVOICE NO. 08084 **08084**

TERMS WEEKLY

HOW SHIP . PICK UP

ROUTE NO.	
-----------	--

QUANTITY	PIECES OR LBS.	SHIP TO	NO. PKGS.	SHIPPING WT.	CK	NET WEIGHT	PRICE	AMOUNT
10	LBS	WEINERS 10'S				10	49	490
10	LBS	GARLIC SAUSAGE <i>Asst.</i>				8 <sup>12</sup>	75	656
10	LBS	STEW BEEF				10	79	790
1		RUMP ROAST				10 <sup>8</sup>	100	1050
15	LBS	MINUCE STEAKS			<i>only</i>	5	125	625
10	LBS	ALASKA BLACK COD				10 <sup>8</sup>	69	725
5	LBS	GOLDENLOAF CHEESE				5	65	325
1		FIVE POINT HAM				12 <sup>8</sup>	115	1438
6	LBS	BEEF SAUSAGE				6	65	390
1		PORK LOIN				12 <sup>7</sup>	75	919
								<b>74.08</b>

1-65 SPEEDISSET - MOORE BUSINESS FORMS LTD.

WHEN WRITING ABOUT THIS SHIPMENT PLEASE QUOTE INVOICE NO. AND AMOUNT





SERVING CANADIANS WITH QUALITY MEATS  
WHITEHORSE, YUKON TERRITORY

SCALED BY	CHECK GROSS	WEIGHED NET
EXT. BY	CHK'D BY	PRICES O.K.
DRIVER:		

CHARGE TO NORDEX  
CASINO-SILVER MINES,  
WHITEHORSE, Y. T.

DATE 8/1/66.

INVOICE NO. 07888 **07888**

TERMS WEEKLY

HOW SHIP . PICK UP TEN O'CLOCK

QUANTITY	PIECES OR LBS.	SHIP TO	ROUTE NO.	NO. PKGS.	SHIPPING WT.	CK	NET WEIGHT	PRICE	AMOUNT
2		ROASTS OF BEEF 10'S					20.0	100	28.50
1		ROAST OF PORK 10 LBS.					12.0	99	12.38
15		T BONE STEAKS					16.4	135	21.94
2	SLAB	BACON					21.0	89	19.14
25	LBS	BACK SPARE RIBS					25	89	22.25
1		LOIN OF PORK (CUT)					12.0	85	10.41
2		ROASTING CHICKENS <i>4/5</i>					10.4	69	7.37
6	LBS	VEAL CUTLETS					6	125	7.50
5	LBS	GROUND BEEF					5	59	2.95
15	DOZ	EGGS <i>A.L.L.</i>					15	68	10.20
									142.64
									<i>122.50</i>

1-65 SPEEDISSET - MOORE BUSINESS FORMS LTD.

WHEN WRITING ABOUT THIS SHIPMENT PLEASE QUOTE INVOICE NO. AND AMOUNT



C. D. N. Taylor, P.Eng.  
3943 Locarno Lane,  
Victoria, B.C.

September 10th, 1966

In Account with:

Nordex Exploration Ltd.,  
P.O. Box 827,  
Whitehorse, Y.T.

To: Services rendered during August, 1966

\$500.00

  
C. D. N. Taylor, P.Eng.

Expense Account: August, 1966

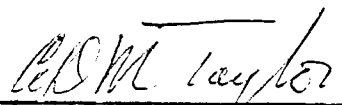
August 6th,	Return Airfare Vict/Whitehorse	\$166.00
August 10th	Longdistance tel as per receipt	3.60
August 8th	Claim Sheet as per receipt	.50
	Report covers & Whitehorse expense	2.35
August 9th,	Hotel as per receipt	10.30
August 10th	Meals in Vancouver	8.00
	Three cabs re Dean Miller and Arsenault Drilling Ltd.	<u>11.50</u>

Total Expense Account, August

\$202.25

*A/Pay.*  
$$\begin{array}{r} 500 \\ 202.25 \\ \hline \$ 702.25 \end{array}$$

*Pd Sept 12  
# 411  
702.25*

  
C. D. N. Taylor, P.Eng.

November 4, 1966

*Cana*

Invoice No. 232

Nordex Exploration Limited,  
P.O. Box 827,  
Whitehorse, Y. T.

Re: Additional Copies of  
Geochemical Report

To Three additional copies of report

@ \$15.00/each..... \$45.00

October 31, 1966

*Cana*

Invoice No. 228

Nordex Exploration Limited,  
P. O. Box 827,  
Whitehorse, Y. T.

Re: Geochemical Survey Results  
Dip Creek Watershed Including  
Heads of Britannia & Sunshine Creeks  
Yukon Territory

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To Preparation of map with results. . . . .	\$100.00
Preparation of report. . . . .	300.00
<hr/>	
Total	<u>\$400.00</u>

C/C - Mr. L. I. Proctor

**CANA EXPLORATION CONSULTANTS LIMITED**

SUITE 427  
12 RICHMOND STREET EAST  
TORONTO 1, ONTARIO

DR. S. S. SZETU  
CONSULTING GEOLOGIST

September 7, 1966

TELEPHONE  
364-2845

Invoice No. 210

Nordex Explorations Limited  
P.O. Box 827  
Whitehorse, Y.T.

Re: Geophysical, Geochemical Surveys, etc.  
Casino Creek Area  
August 1 to 31, 1966

Operators - Joe Kakish and/or Gaston Heyerdahl

<i>Erino</i>	(1) With geophysical instruments - August 6, 7, 11, 12, 15, 19, 20, 21, 22, 29, 31 - total 11 days @ \$150.00/day.....	\$1,650.00
<i>Nordex</i>	(2) Without geophysical instrument - 20 days @ \$75.00/day.....	1,500.00
<i>Casino</i>	(3) August rental charge on extra instrument (Ronka E. M. 16).....	350.00
<i>Casino</i>	(4) One long distance telephone call.....	9.10
<i>Nordex</i>	(5) Part of expenses by Joe Kakish and G. Heyerdahl (\$58.00 - \$8.50).....	49.50
<hr/>		
	Total	<u>\$3,558.60</u>

*Casino Cheque*  
*Nordex*  
*Less Deposit.*

*2009.10*  
*1549.50*  
*1000.00* *Pay* *549.50*

*Pa. Dept 14*  
*# 480*  
*549.50*

CANA EXPLORATION CONSULTANTS LIMITED

SUITE 427  
12 RICHMOND STREET EAST  
TORONTO 1, ONTARIO

DR. S. S. SZETU  
CONSULTING GEOLOGIST

October 31, 1966

TELEPHONE  
364-2845

Invoice No. 228

Nordex Exploration Limited,  
P.O. Box 827,  
Whitehorse, Y. T.

Re: Geochemical Survey Results  
Dip Creek Watershed Including  
Heads of Britannia & Sunshine Creeks  
Yukon Territory

To Preparation of map with results. . . . .	\$100.00
Preparation of report. . . . .	300.00
<hr/>	
Total	<u>\$400.00</u>

C/C - Mr. L. I. Proctor ✓

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# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.  
TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

CHARGE TO

NORDEX EXPLORATION LTD.,  
P.O. Box 827  
Whitehorse, Y.T.

INVOICE NUMBER

0628

SHIPPED TO:

DATE:	REFERENCE NO.:	YOUR ORDER NO.:		
Aug. 31/66	V - 910			
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
To:	153 soil samples for Cu, Pb,ZN plus sample preparation charge			298.35 30.60 <u>\$328.95</u>

INVOICE

T S L

# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

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NORDEX EXPLORATIONS  
Box 827  
Whitehorse, Y.T.

INVOICE NUMBER

48503

SHIPPED TO: above

DATE:	REFERENCE No.:	YOUR ORDER No.:		
Aug. 9/66	09103	SHIPPED:	VIA:	TERMS: NET 30 DAYS
				UNIT PRICE
To:	1000 Hi wet strength bags			TOTAL
				\$15.00

INVOICE

T S L

# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.  
 TELEPHONE 684-1374

ASSAYERS  
 CHEMISTS  
 GEOCHEMISTS

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NORDEX EXPLORATION LIMITED  
 P.O. Box 827  
 Whitehorse, Y.T.  
 Att: Mr. Proctor

INVOICE NUMBER  
 0542

SHIPPED TO:

DATE:	REFERENCE NO.:	YOUR ORDER NO.:		
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
Aug. 22/66	V 886			
To:	91 soil samples for Cu, Pb, Zn plus sample preparation charge		177.45 18.20	\$195.65

INVOICE

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# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

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NORDEX EXPLORATION LIMITED  
P.O. Box 827  
WHITEHORSE, Y.T.  
Att: Mr. L.I. Proctor

INVOICE NUMBER

0894x

0571

SHIPPED TO:

DATE:	REFERENCE NO.:	YOUR ORDER NO.:		
Aug. 25/66	V - 894			
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
To:	94 soil samples for Cu, Pb, Zn plus sample preparation charge			\$192.10

T S L

# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

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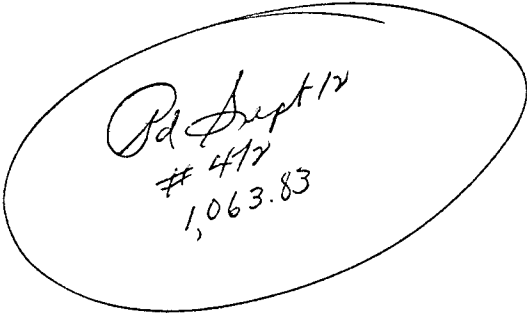
NORDEX EXPLORATION LIMITED  
P.O. Box 827  
Whitehorses, Y.T.

INVOICE NUMBER

0576

Att: Mr. Proctor

SHIPPED TO:

DATE:	REFERENCE NO.:	YOUR ORDER NO.:		
Aug. 25/66	V 901	SHIPPED:	VIA:	TERMS: NET 30 DAYS
				UNIT PRICE
				TOTAL
To:	153 soil samples for Cu, Pb, Zn plus sample preparation charge			\$328.95
				

INVOICE

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L

# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

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Nordex Exploration Ltd.  
P.O. Box 827  
Whitehorse, Y.T.

INVOICE NUMBER

0710

SHIPPED TO:

DATE:	REFERENCE No.:	YOUR ORDER No.:			
Sept. 14/66	V - 935	SHIPPED:	VIA:	TERMS: NET 30 DAYS	
				UNIT PRICE	
				TOTAL	
To:	6 soil samples plus sample preparatinn charge			11.70 1.20	\$12.90

INVOICE

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# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

C  
H  
A  
R  
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T  
O

NORDEX EXPLORATIONS LTD.,  
P.O. Box 327  
Whitehorse, Yukon

INVOICE NUMBER

0719

SHIPPED TO:

DATE:	REFERENCE No.:	YOUR ORDER No.:		
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
Sept. 14/66	V - 958			
To:	36 soils for Cu, Pb, Zn plus sample preparation charge		70.20 7.20	\$77.40

INVOICE

T S L

# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

C  
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NORDEX EXPLORATION LIMITED  
P.O. Box 827  
Whitehorse, Y.T.

INVOICE NUMBER

0639

SHIPPED TO:

DATE:	REFERENCE No.:	YOUR ORDER No.:		
Sept. 6/66	V 918			
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
To:	152 samples for Cu Pb Zn plus sample preparation charge		298.40 30.40	\$328.80

INVOICE

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# Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.  
TELEPHONE 684-1374

ASSAYERS  
CHEMISTS  
GEOCHEMISTS

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NORDEX EXPLORATIONS LTD.,  
P.O. Box 827  
Whitehorse, Yukon

INVOICE NUMBER

0745

SHIPPED TO:

DATE:	REFERENCE NO.:				YOUR ORDER NO.:	
Sept. 21/66	V - 958	SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
To:	spectrographic analysis					\$15.00

INVOICE

In Account With

# PROCTOR CONSTRUCTION CO. LTD.

Phone 7-2451

P.O. BOX 264

GENERAL CONTRACTORS

WHITEHORSE, YUKON

Nordex Explorations Ltd., Box 827, Whitehorse, Y.T.
---

.....  
Date 10th September 1966

Invoice No. 1375.

To Rental of Aircraft 1st to 15th August 1966  
as follows.

Fixed Wing Cessna 180 34 hours at \$60.00 per hour

\$2040 00

Bell Helicopter 36 hours at \$130.00 per hour

4680 00

\$6,720 00

In Account With

# PROCTOR CONSTRUCTION CO. LTD.

Phone 7-2451

P.O. BOX 264

GENERAL CONTRACTORS

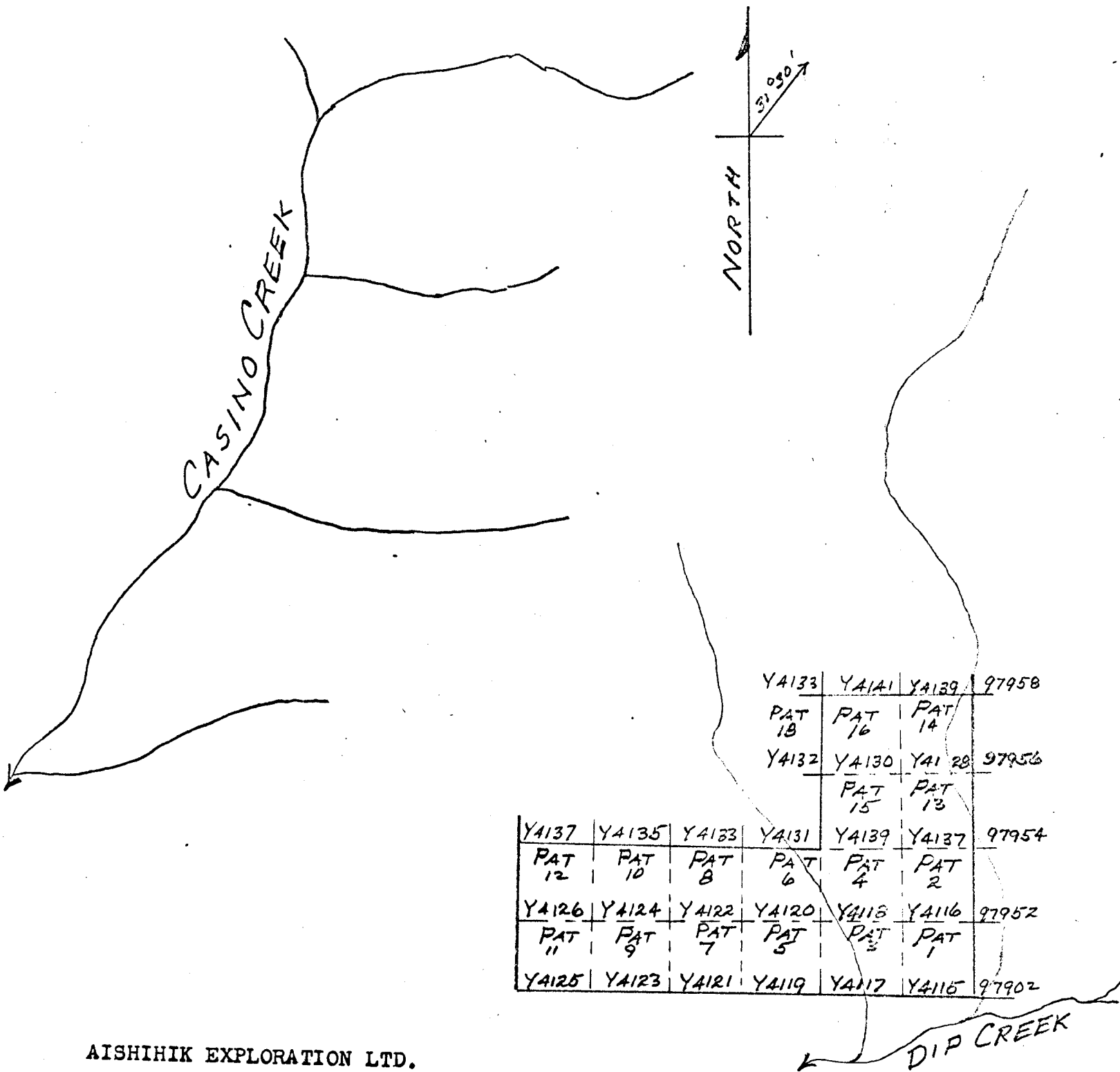
WHITEHORSE, YUKON

Nordex Explorations Ltd.,  
Box 827,  
Whitehorse, Y.T.

.....  
Date ..... 10th September 1966

Invoice No. ..... 1376

To Rental of D8 Caterpillar Tractor 1st to 15th August 1966 as follows			
135 hours at \$26.00 per hour		\$2,510	00



YA133	YA141	YA139	97958
PAT 18	PAT 16	PAT 14	
YA132	YA130	YA128	97956
	PAT 15	PAT 13	
YA137	YA135	YA133	YA131
PAT 12	PAT 10	PAT 8	PAT 6
YA126	YA124	YA122	YA120
PAT 11	PAT 9	PAT 7	PAT 5
YA125	YA123	YA121	YA119
			YA117
			YA116
			97954
			97952
			97902

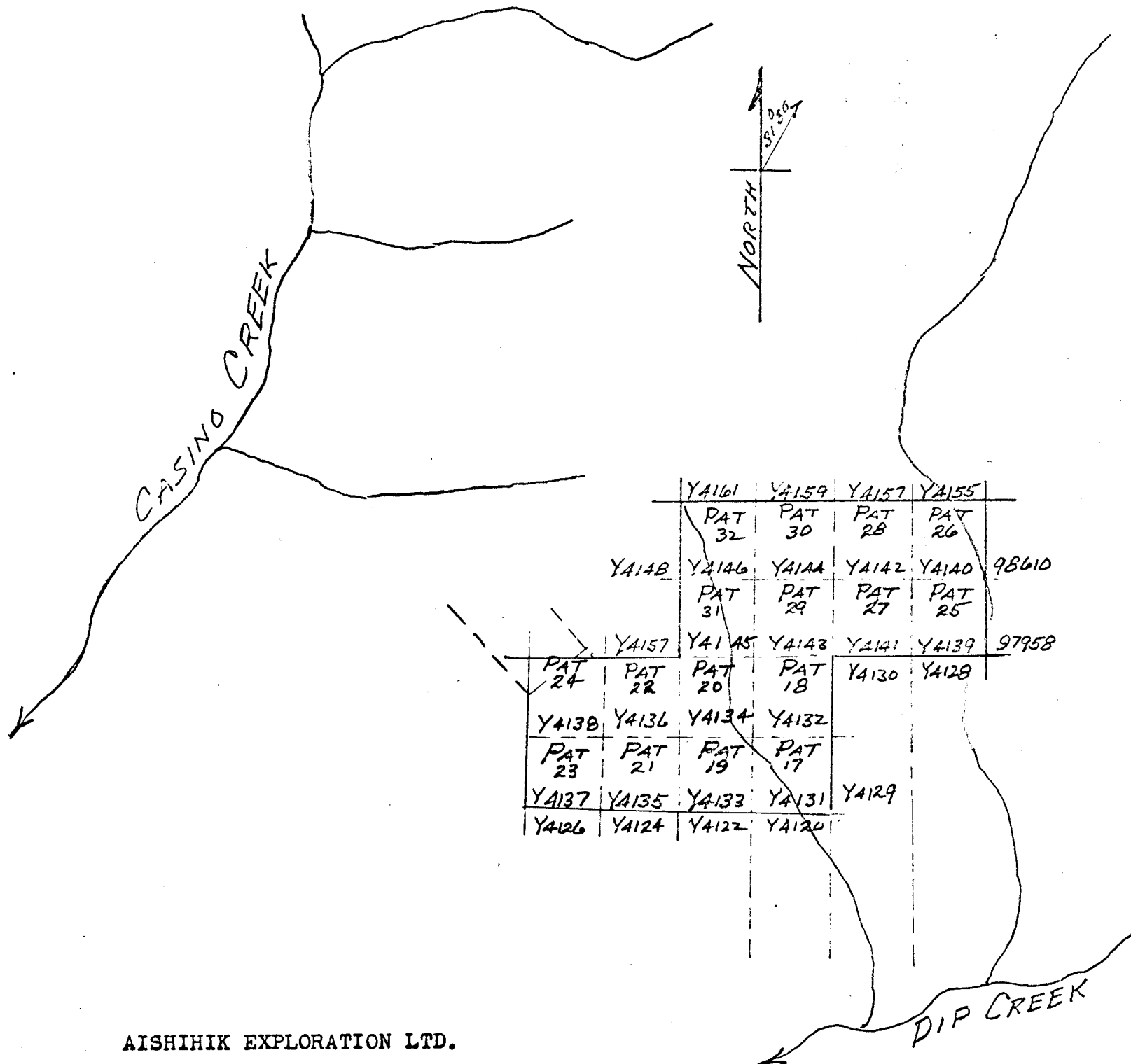
AISHIHIK EXPLORATION LTD.

Sketch Plan Showing Location of

PAT GROUP AA

Scale: 2640' to 1" December, 1966  
 Ref.: Claim Map 115-J-10

*CONF.*



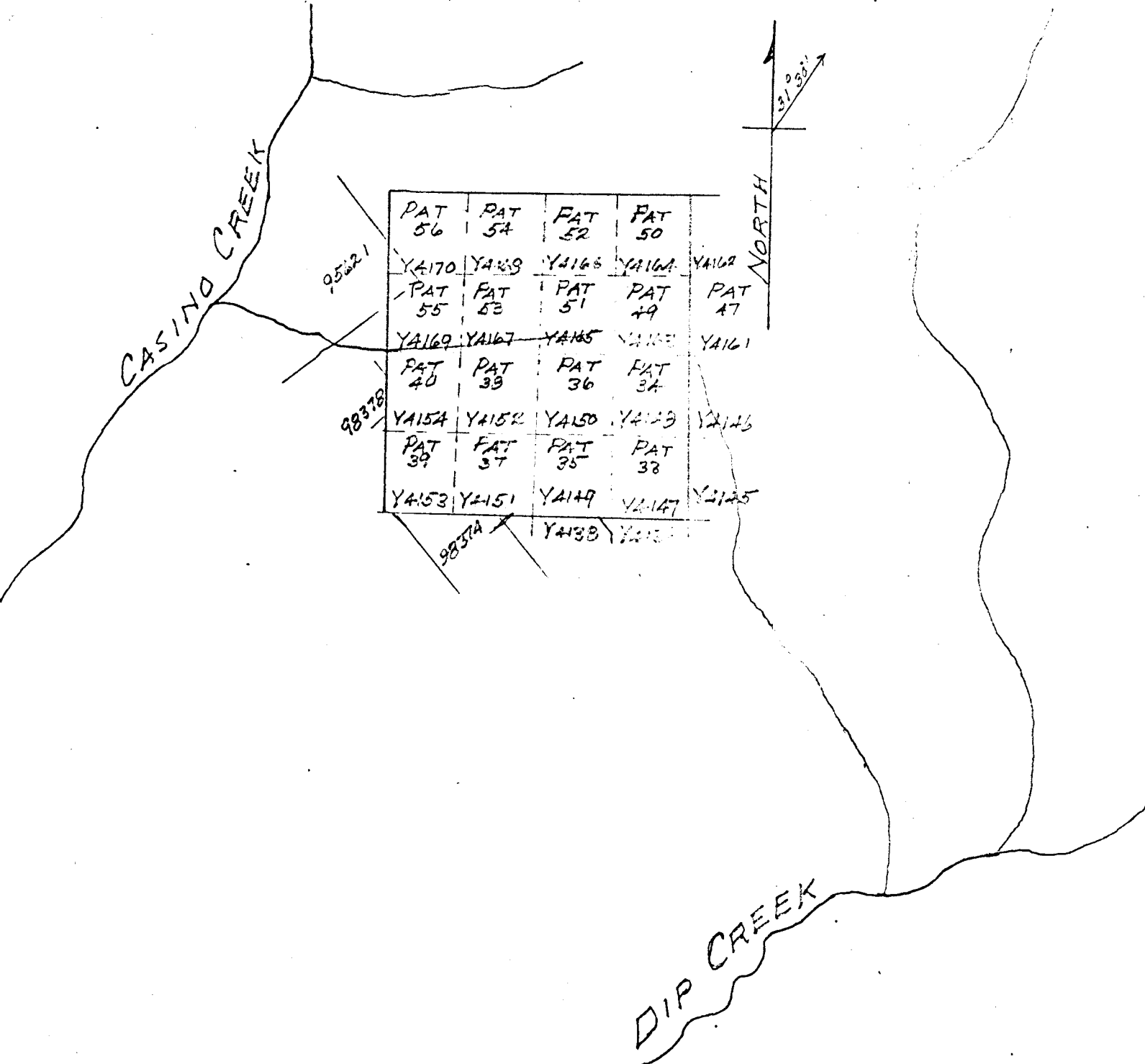
AISHIHIK EXPLORATION LTD.

Sketch Plan Showing Location of

PAT GROUP B

Scale: 2640' to 1" December, 1966  
 Ref.: Claim Map 115-J-10

*CDW*



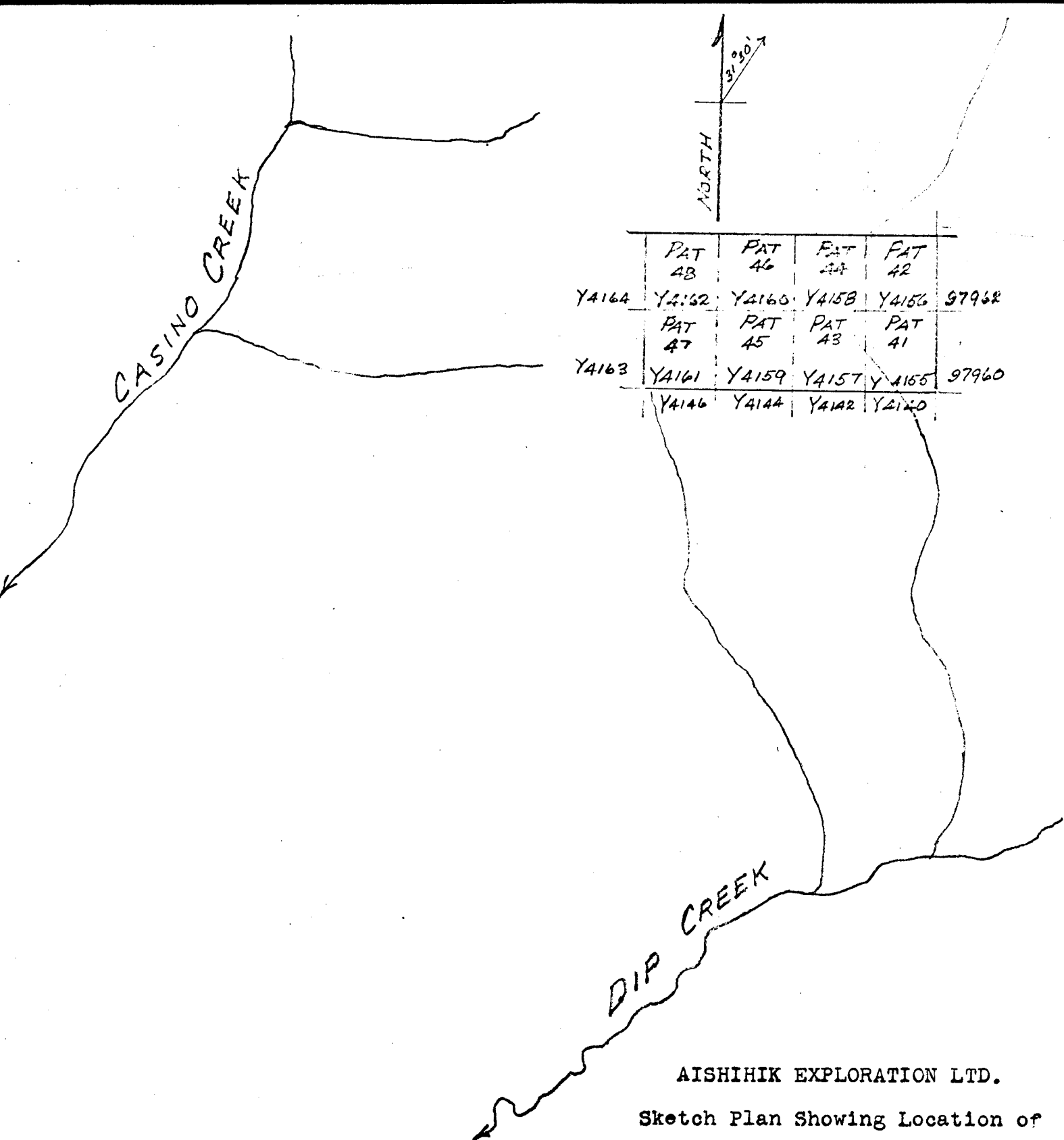
AISHIHIK EXPLORATION LTD.

Sketch Plan Showing Location of

PAT GROUP C

Scale: 2640' to 1" December, 1966  
 Ref.: Claim Map 115-J-10

*CSM77*



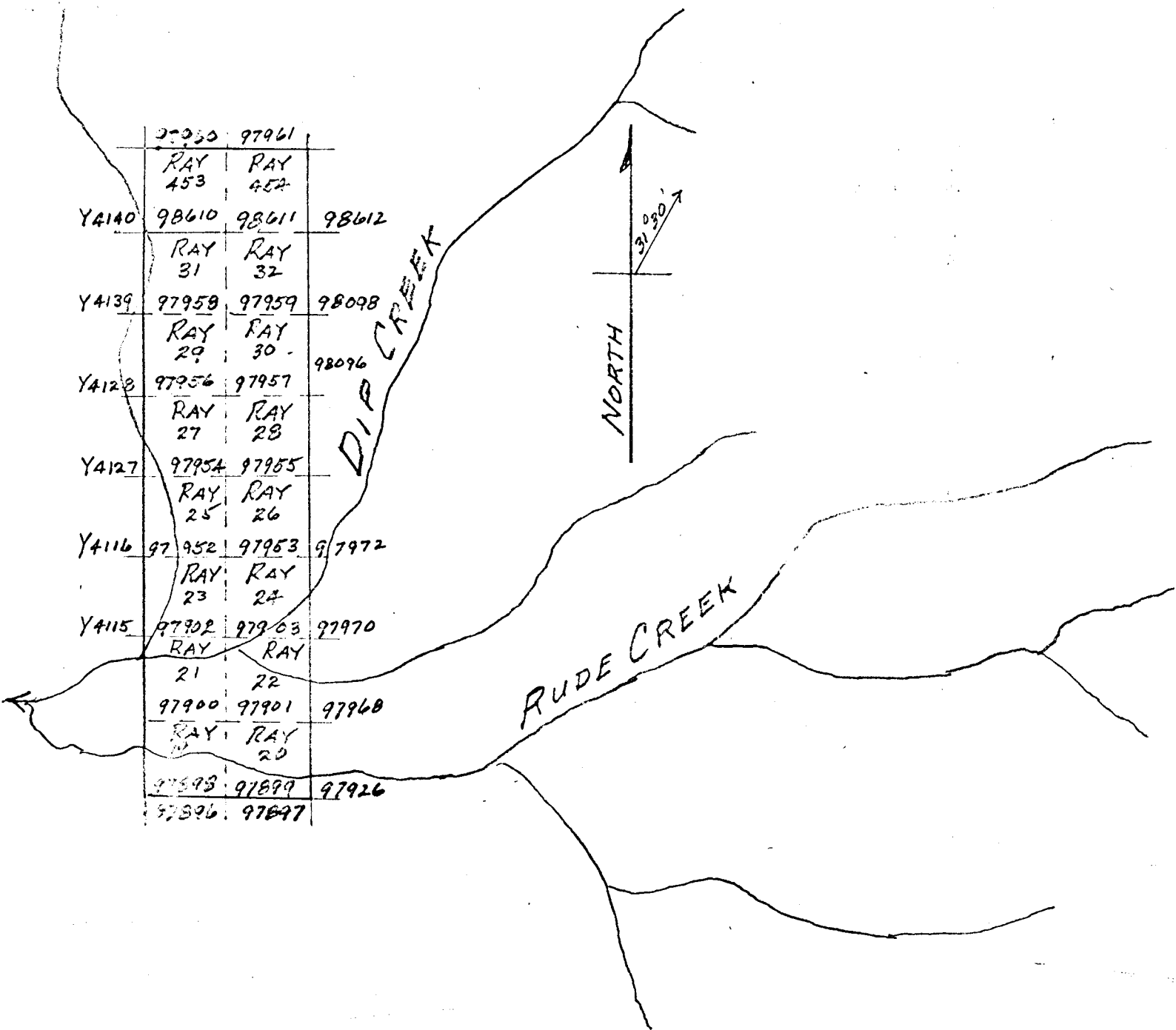
	PAT 48	PAT 46	PAT 44	PAT 42	
Y4164	Y4162	Y4160	Y4158	Y4156	97962
	PAT 47	PAT 45	PAT 43	PAT 41	
Y4163	Y4161	Y4159	Y4157	Y4155	97960
	Y4146	Y4144	Y4142	Y4140	

AISHIHIK EXPLORATION LTD.

Sketch Plan Showing Location of  
PAT GROUP D

Scale: 2649' to 1" December, 1966  
Ref.: Claim Map 115-J-10

*C. M. M. T.*

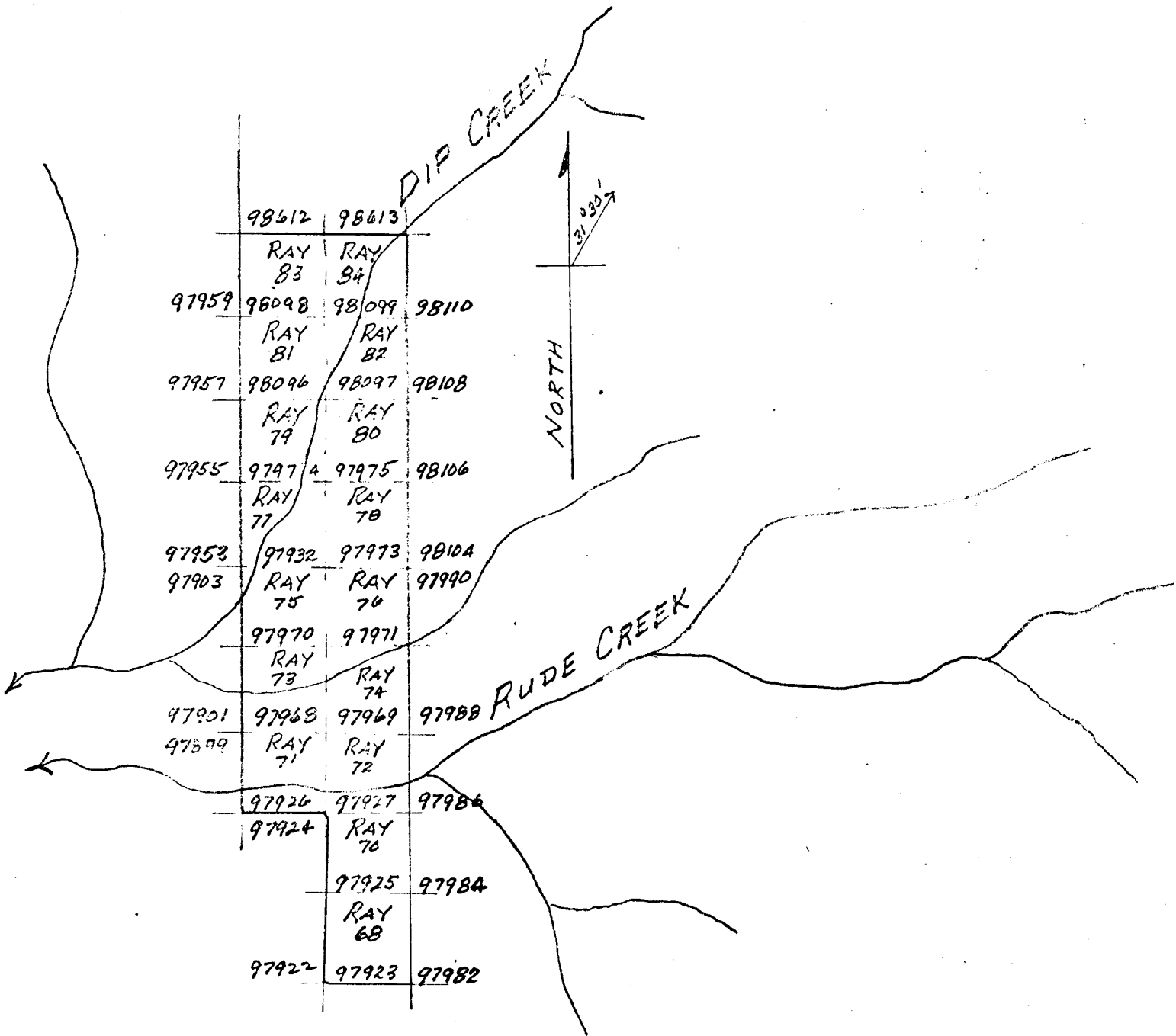


NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of  
RAY GROUP E

Scale: 2640' to 1" December, 1966  
Ref.: Claim Mao 115-J-10

L.M.J.



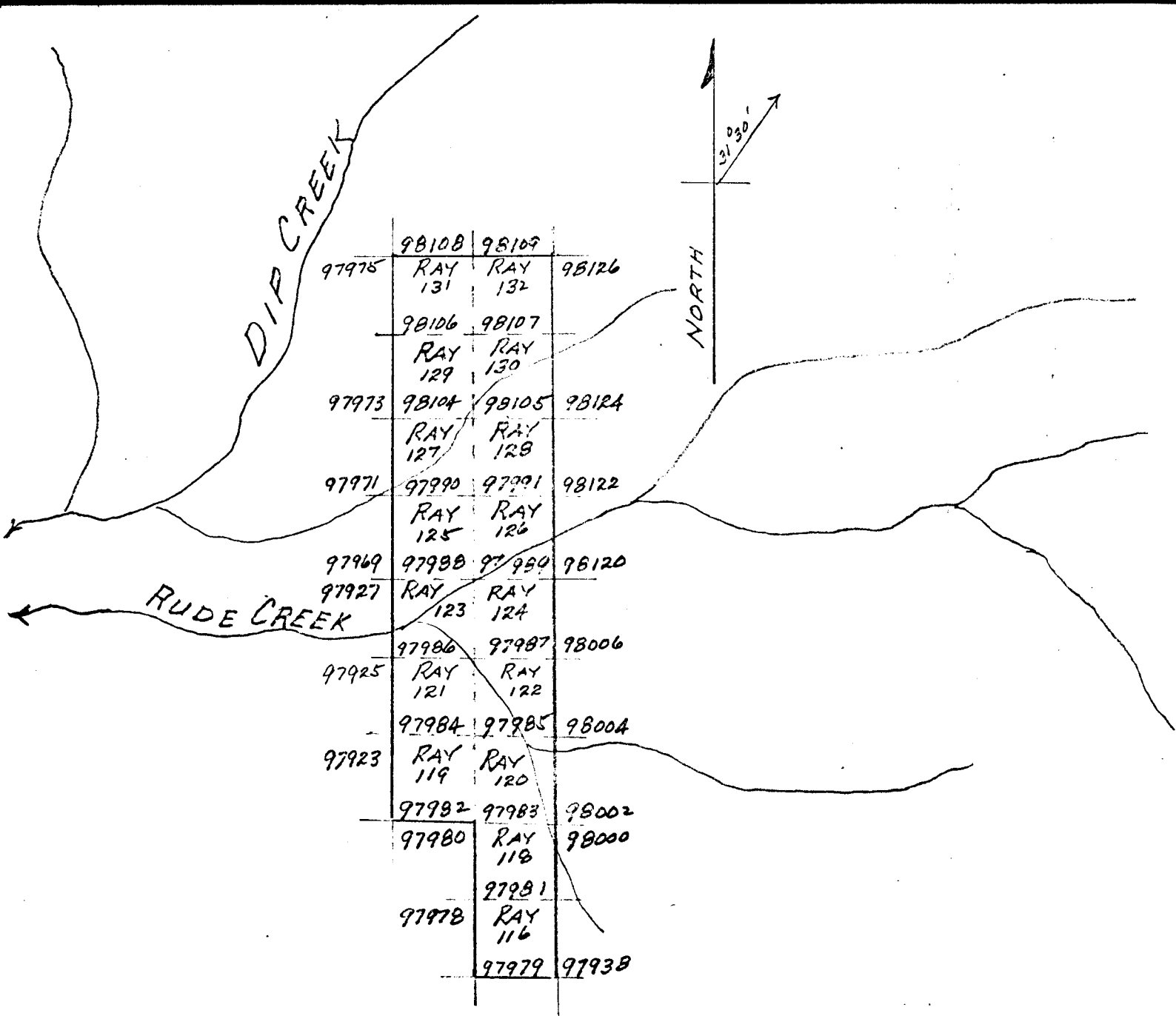
NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of

RAY GROUP F

Scale: 2640' to 1" December, 1966  
 Ref.: Claim Map 115-J-10

*Handwritten signature*



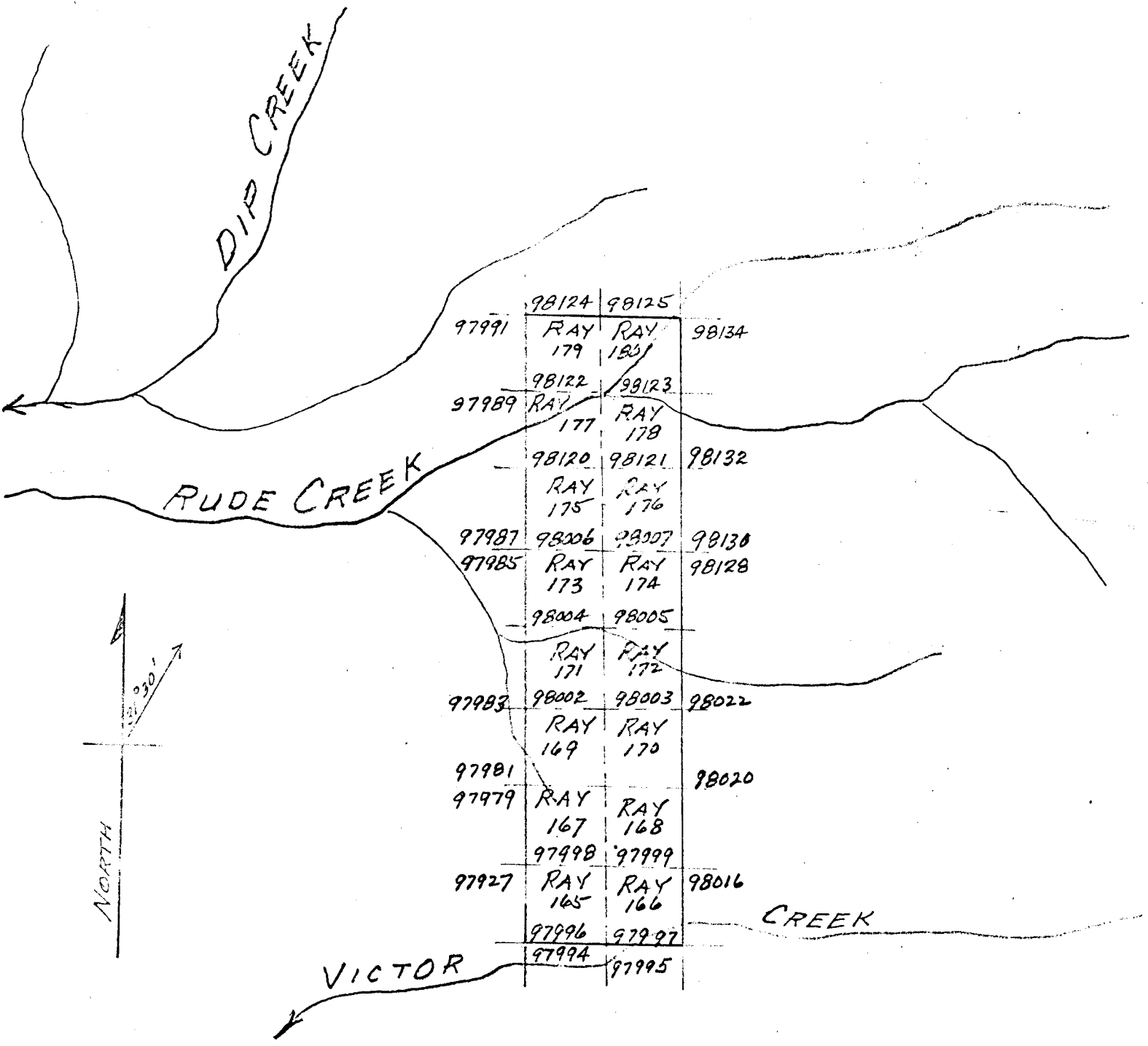
NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of

RAY GROUP G

Scale: 2640' to 1" December, 1966  
 Ref.: Claim Map 115-J10

*ASMD*

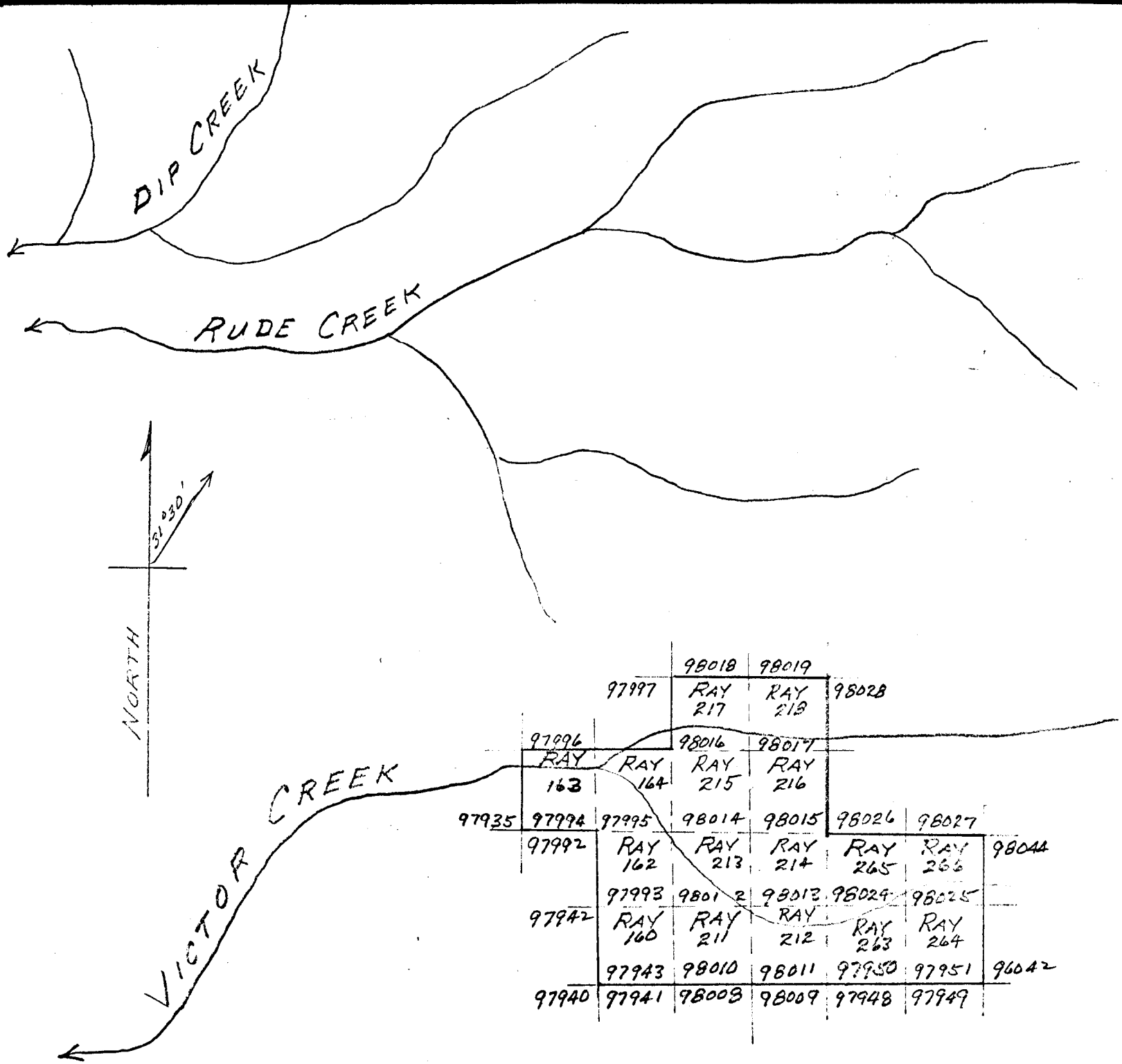


NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of

RAY GROUP H

Scale: 2640' to 1" December, 1966  
 Ref.: Claim Map 115-J-10



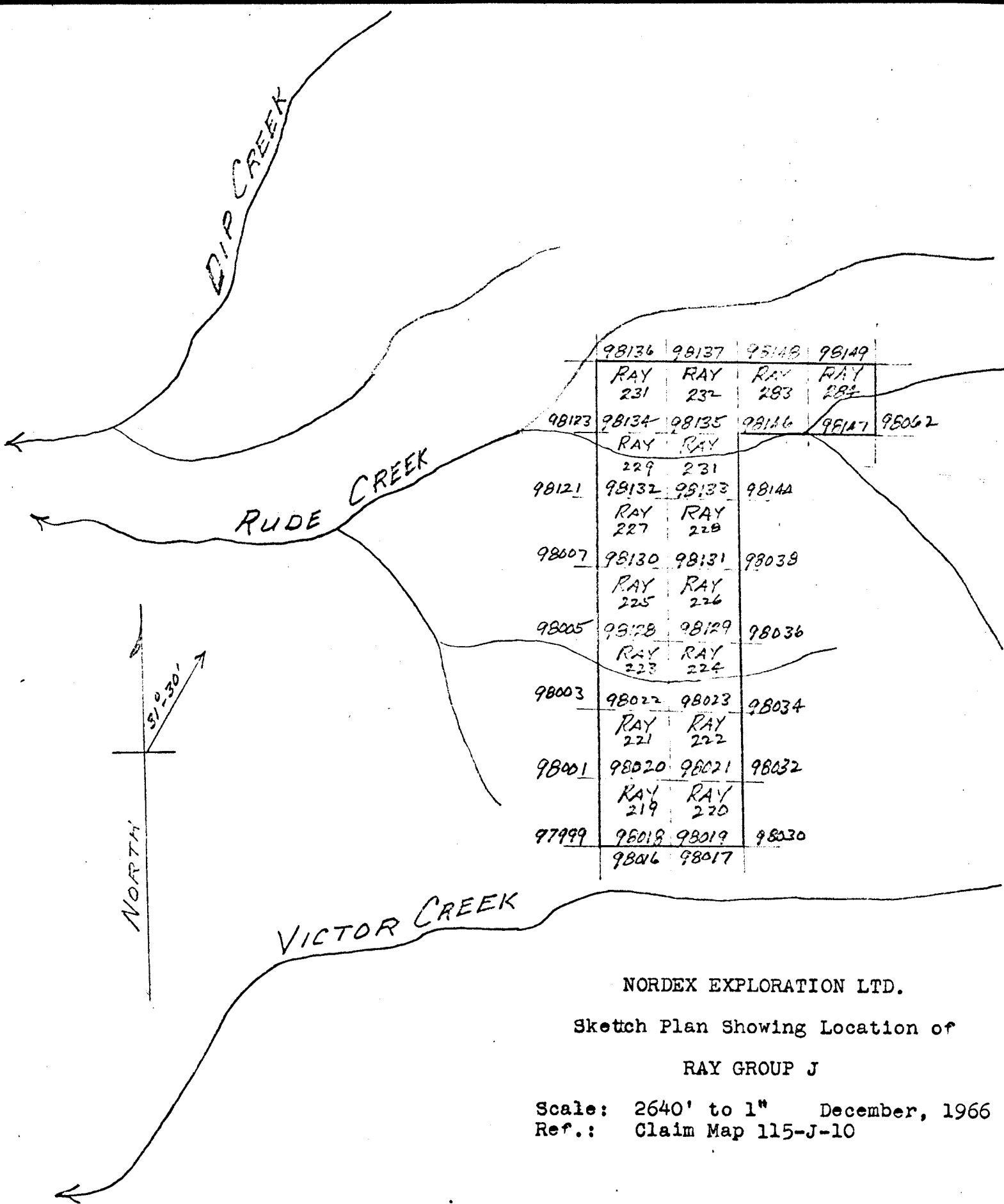
NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of

RAY GROUP I

Scale: 2640' to 1" December, 1966.  
 Ref.: Claim Map 115-J-10

*CSM*



	98136	98137	98148	98149	
	RAY	RAY	RAY	RAY	
	231	232	283	284	
98123	98134	98135	98136	98137	98062
	RAY	RAY			
	229	231			
98121	98132	98133	98144		
	RAY	RAY			
	227	228			
98007	98130	98131	98038		
	RAY	RAY			
	225	226			
98005	98128	98129	98036		
	RAY	RAY			
	223	224			
98003	98022	98023	98034		
	RAY	RAY			
	221	222			
98001	98020	98021	98032		
	RAY	RAY			
	219	220			
97999	98018	98019	98030		
	98016	98017			

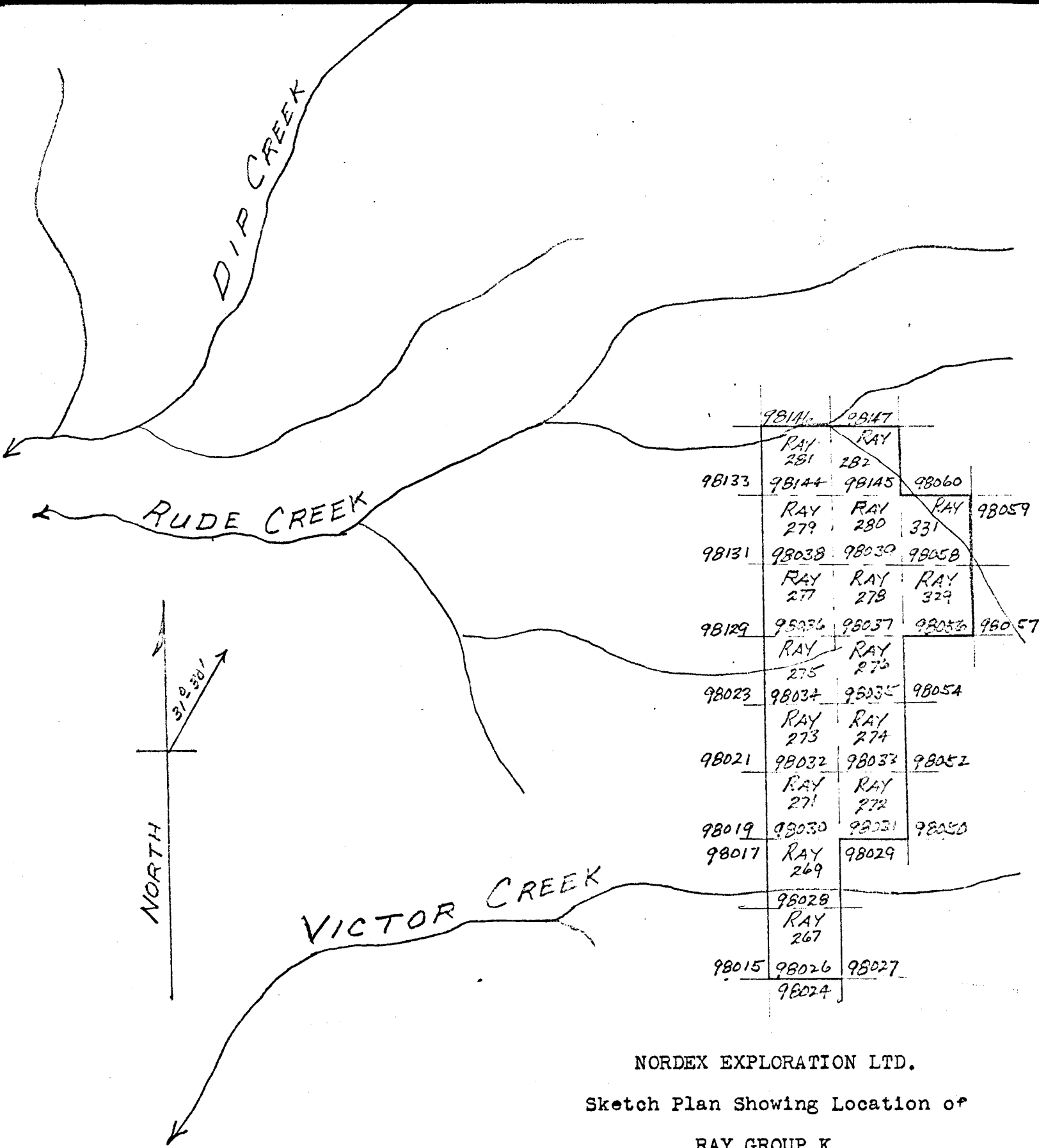
NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of

RAY GROUP J

Scale: 2640' to 1"      December, 1966  
 Ref.: Claim Map 115-J-10

20117



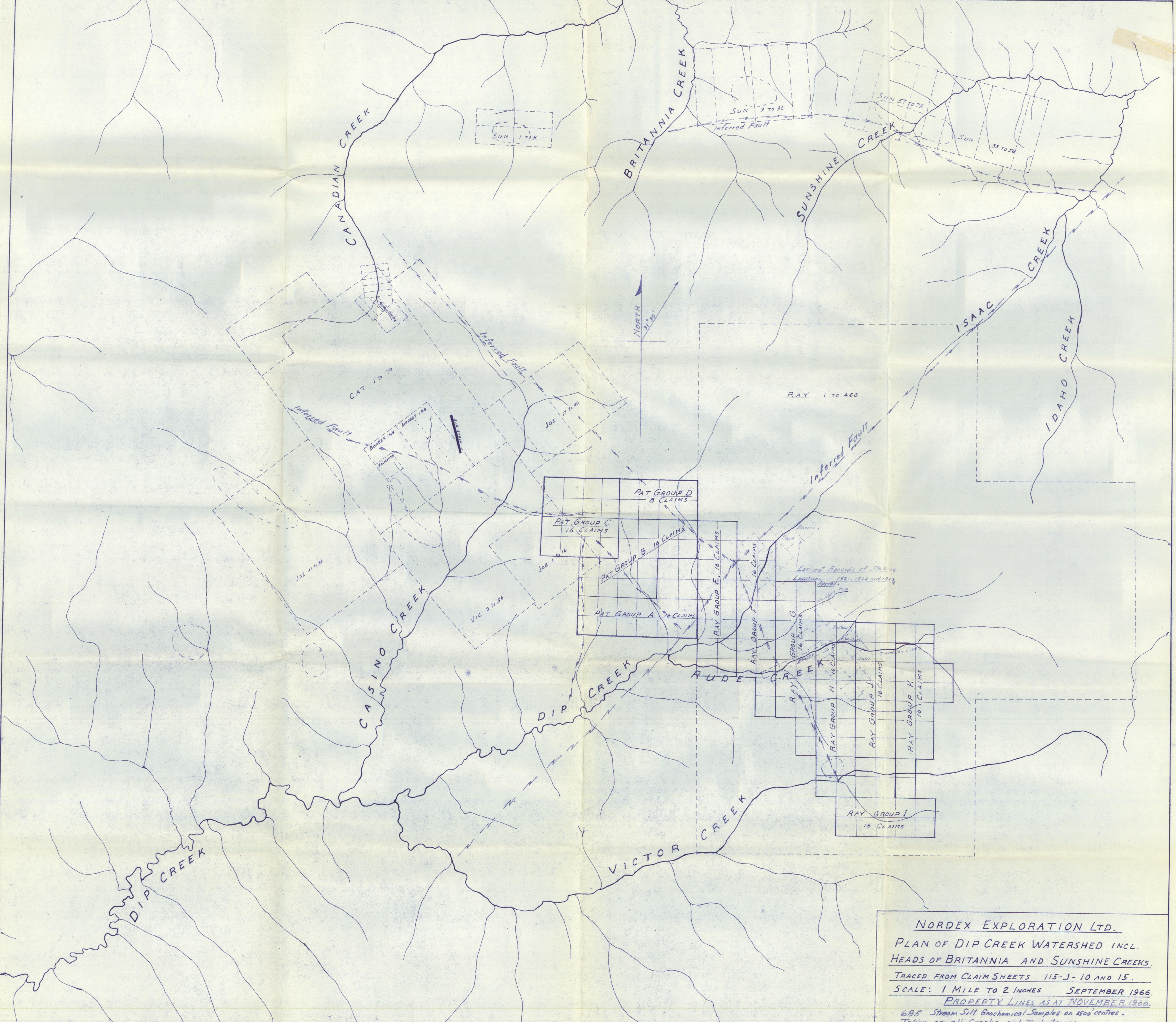
NORDEX EXPLORATION LTD.

Sketch Plan Showing Location of

RAY GROUP K

Scale: 2649' to 1" December, 1966  
 Ref.: Claim Map 115-J-10

*60117*



NORDEX EXPLORATION LTD.  
 PLAN OF DIP CREEK WATERSHED INCL.  
 HEADS OF BRITANNIA AND SUNSHINE CREEKS.  
 TRACED FROM CLAIM SHEETS 115-J-10 AND 15.  
 SCALE: 1 MILE TO 2 INCHES SEPTEMBER 1966.  
 PROPERTY LINES AS AT NOVEMBER 1966.  
 685 Stream Silt Geochemical Samples on 1500 centres.  
 Taken on all Creeks and Tributaries.

CONDT.



**LEGEND**

- ⊙ Location and number of silt sample.
- 2400, 84, 330 Parts per million of Copper, Lead and Zinc.
- COPPER (in PPM)**      **LEAD (in PPM)**      **ZINC (in P.P.M.)**
- 1000 - 3000      ▲ 750 - 1000      ■ 750 - 1000
- 750 - 1000      ▲ 500 - 750      ■ 500 - 750
- 500 - 750      ▲ 250 - 500      ■ 250 - 500
- 250 - 500
- A** Approximate location of area covered by ground geophysical survey.

GEOCHEMICAL SURVEY DATA  
(STREAM SILT SAMPLES)

**NORDEX EXPLORATION LIMITED**

DIP CREEK WATERSHED INCLUDING  
HEADS OF BRITANNIA AND SUNSHINE CREEKS.  
YUKON TERRITORY, CANADA.

Base map from Claim sheets 115-J-10 and 15

Scale: 1 mile = 2 inches      October 1966

CANA EXPLORATION CONSULTANTS LIMITED

NORDEX EXPLORATION LIMITED

ENGINEERING REPORT ON THE MINING  
PROPERTY NEAR CASINO CREEK, YUKON

By: G. D. N. Taylor, P.Eng.  
December, 1966.

<u>TABLE OF CONTENTS</u>	<u>Page</u>
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APPENDIX: Map folder -

Plan of Dip Creek Watershed.

Mineral Claim Grouping Plans.

PROPERTY

The property consists of 536 contiguously located mineral claims in the Dip Creek watershed east of Casino Creek, and 72 mineral claims located in three areas on Britannia and Sunshine Creeks which lie north of and over the divide from Casino Creek.

Sufficient exploration work has been accomplished during the year to retain 168 of these claims in good standing for a period of one year from their respective expiry dates. The applications for grouping and recording the assessment work have gone forward to the Mining Recorder at Whitehorse, Yukon, on the following 168 mineral claims as follows:

<u>Ownership</u>	<u>Group</u>	<u>Claims</u>	<u>Record Nos.</u>	<u>No.</u>	
Aishihik Exploration Limited.	A	PAT 1 to 16	Y4145 to Y4130	16	
	B	PAT 17 to 32	Y4131 to Y4146	16	
	C	PAT 33 to 40 49 to 56	Y4147 to Y 4154 Y4163 to Y4170	16	
	D	PAT 41 to 48	Y4155 to Y4162	<u>8</u> 56	
Nordex Exploration Limited.	E	RAY 19 to 24 25 to 32 453 & 454	97898 to 97903 97952 to 97959 98610 & 98611	16	
	F	RAY 68 & 70 71 & 72 73 to 80 81 to 84	97923 & 97925 97926 & 97927 97968 to 97975 98096 to 98099	16	
	G	RAY 116 & 117 119 to 128 129 to 132	97979 & 97981 97982 to 97991 98104 to 98107	16	
	H	RAY 165 to 176 177 to 180	97996 to 98007 98120 to 98123	16	
	I	RAY 160 162 to 164 211 to 218 263 & 264 265 & 266	97943 97993 to 97995 98010 to 98017 97950 & 97951 98024 & 98025	16	
	J	RAY 219 to 224 283 & 284 225 to 232	98018 to 98023 98146 & 98147 98128 to 98135	16	
	K	RAY 267 & 269 271 to 280 281 & 282 329 & 331	98026 & 98028 98030 to 98039 98144 & 98145 98056 & 98058	<u>16</u> <u>112</u>	
	Total mineral claims represented:				168

In October, 1966, the PAT claims 1 to 56 inclusive, were transferred to Aishihik Exploration Ltd., a subsidiary company owned entirely by Nordex Exploration Ltd.

#### LOCATION

The property is located 180 air miles north-west of Whitehorse, Yukon, at latitude  $62^{\circ}38'$  and longitude  $138^{\circ}45'$ . The claims cover a large part of the Dip Creek watershed east of Casino Creek and north of Stevenson Ridge, extending north over the Canadian Creek divide to the heads of Britannia and Sunshine Creeks.

#### ACCESSIBILITY

The property is accessible from the Yukon River by means of a horse trail up Isaac Creek and over the divide to Rude Creek a distance of eighteen miles.

However, a connection with the Casino Silver Mines Limited winter road to Burwash Landing on the Alaska Highway can be made by the construction of about six miles of road down Rude and Dip Creeks. This would place the property within a trucking distance of 320 miles from the railhead at Whitehorse.

Access is presently being made by means of a helicopter from the Casino Silver Mines Limited airstrip which is one and one-half miles west of the property.

#### TOPOGRAPHY

A series of steep-sided valleys cross the property making the topography quite rugged. Elevations extend from 2300' at the creek bottoms to 4500' on the divides. A few rock escarpments appear on the ridges, elsewhere the terrain is entirely moss-covered.

### TIMBER

A fairly dense stand of Spruce and Poplar extends from the valley bottoms to timberline. This is mostly scrubby second-growth material unsuitable for mining and construction purposes. In the event of future mining production, timber would have to be hauled approximately ten miles from the lower reaches of Dip Creek where there is a good stand of commercial timber.

### WATER SUPPLY

Dip, Rude, and Victor Creeks all have an ample flow of water at the south-west boundary of the property. However, at the higher elevations these creeks are much smaller and have been known to freeze up entirely between November and April.

### HISTORY

The initial prospecting of this area was done in the early 1900's by placer miners looking for gold in the creek gravels. Nearly every creek and tributary bears witness to their industry in the form of prospect shafts sunk down through the frozen muck and gravel to bedrock.

The presence of galena (silver-lead ore) in the sluice box riffles was apparent right from the start; however it was not until the year 1916 that the first discovery of galena in vein form was reported to the Geological Survey of Canada Geologists. This discovery was made by placer miners in the bedrock of Rude Creek, a tributary to Dip Creek. It was not until the year 1921 that the first recorded mineral claim staking of this showing was made.

In December, 1964, the Mining Recorder at Whitehorse, Mr. F. A. McCall, and the Acting Mining Recorder at Dawson, Yukon, Mr. M. Munroe, were kind enough to make a search of the old claim recordings. Mr. Munroe offered the following information by his letter of December 14th:

"I have made a search of the old records and I have come up with the original applications for the following claims:

'June' M.C. 13854. This claim was staked by R. Jas. Fraser on the 30th day of July, 1921, recorded the 3rd day of August, 1921, situated on the left limit of Tremblay Creek (Guleh) a tributary of Rude Creek and bounded on the north by Tina M.C.

'Wild Cat' M.C. 15005. This claim was staked by Duncan Michie on the 14th day of July, 1923, on the left limit of Rude Creek and bounded by the 'June' M.C. on the west by 'Pictou' M.C. and recorded the 10th of August.

'Banner' M.C. 15006. This claim was staked by Hugh Noble on the 14th day of July, 1923, and was recorded on the 10th day of August, 1923, on the right limit of Dip Creek and bounded on the easterly side by the 'Surprise' M.C.

'Cape' M.C. 13954. This claim was staked by Hugh Noble on the 23rd day of August, 1922, and recorded 28th of August, 1922. No. 1 Post is about 500 feet NW of the trail from Isaac to Dip Creek and about 2000 feet below the divide on the Dip Creek side.

I have made a short search of the old records but so far I have not been able to find the ledger sheets. As soon as time permits, I will have a complete search of the records."

Signed: "M. Munroe",  
"Acting Mining Recorder".

Other placer miners who have reported galena findings on their respective placer diggings are Jack Meloy, Afe Brown, Dan Mann, Jim Patton, Joe Britton, Ben Emerson and Messrs. Leslie and Stevenson. The placer creeks of this area are all located north of the Stevenson Ridge and south of the Yukon River. They include Canadian Creek, Brittanica Creek, Sunshine Creek and Isaac Creek, which flow northerly to the Yukon River; and Casino Creek, Dip Creek, Rude Creek and Victor Creek, which flow southwesterly to the Klotassin River.

In 1965, Mr. Jack Maloy, one of the few surviving pioneer prospectors of this area, offered to conduct Mr. L. I. Proctor, the President of Nordex Exploration Ltd., to the various locations of the galena findings. Mr. Proctor sampled some of the galena ore they found on the dump of a caved exploration adit on Rude Creek. This ore assayed 214.8 ounces of silver per ton and 54.8% lead. This tour of the old placer workings led to the immediate staking for Nordex Exploration Limited of the Vic 1 to 8 mineral claims on Victor Creek, the Ray 1 to 8 group of claims on Rude Creek and the Dip 1 to 8 group of claims on Dip Creek.

Late the same year an aeromagnetic survey over the area was conducted by Aero Photo Incorporated. The results of this survey were interpreted by a prominent Geophysicist from Toronto, Dr. S. S. Ssetu. Dr. Ssetu mapped the locations of a series of inter-related fault structures on the property; also a few magnetic 'high' anomalies and several magnetic 'low' depressions generally associated with quartz vein-type injection deposits. These mapped indications happened to occur in locations coincidental with the early day discoveries of galena on the various creeks. A major staking program was at once instituted by Casino Silver Mines Limited and Nordex Exploration Limited. By April 29th, 1966, Nordex Exploration had recorded the staking of 536 contiguously located claims in the Dip Creek watershed, to the east of the Casino Silver Mines property; also three groups comprising a total of 72 mineral claims on Britannia and Sunshine Creeks. A geochemical silt sampling survey covering this whole area was made by Nordex Explorations Limited, during the autumn of 1966.

## GEOLOGY

The geology of the area is largely obscured by moss and overburden except on the highest ridges where there are outcrops of Mesozoic intrusive granite and diorite. Associated porphyritic phases of granite may also be observed on the ridges.

Creek boulders consist predominately of diorite, granite gneiss, and granite porphyry; however the gravels contain a great variety of rocks including shales, argillite, limestone, greenstone schist, quartz-porphyry, rhyolite dyke rock and some black, basic dyke rocks such as amphibolite.

The aforementioned inter-related structural faults, inferred from a study of the aeromagnetic survey results (see map attached), may have geological significance in that one set of them strikes northwesterly and is sub-parallel and adjacent to known occurrences of galena ore on the adjoining Casino Silver Mines Limited property. These two fault structures extend south-easterly across the Nordex Exploration Limited property.

## EXPLORATION

The reported occurrences of galena in the placer gravels extend over a large area, approximately 144 square miles, in and bordering the Nordex Exploration Limited property. It was decided, therefore, as a preliminary measure, to program a geochemical silt sampling survey along the 114 streams which drain the entire area. The results of this survey would enable the Company to delimit the more favourable areas for future prospecting activities.

This was accomplished with a crew of six Company employees plus two operators supplied by Cana Exploration Consultants of Toronto.

The men were transported to and from the various streams by means of a helicopter, and a bulldozer was employed to construct heliport landing pads in strategic locations in order to minimize walking time and flying time.

685 samples were taken at flagged 1500 foot intervals in the thawed ground adjacent to the streams. Shovels were used to dig down from one to two feet to obtain each sample in comparatively undisturbed ground close to bedrock.

The samples were prepared and assayed by T.S.L. Laboratories Limited of 325 Howe Street, Vancouver 1, B.C. The preparation consisted of drying and screening each sample to minus 80 mesh in order to obtain a silt sample. The silts were treated by the hot  $\text{HNO}_3$  extractive method to determine the copper, the lead and the zinc content in parts per million. The cost of this program amounted to \$17,293.61.

The results of this survey are described fully in the attached report and map by Dr. S. S. Ssetu. In short, values of over 250 parts per million in copper, lead and zinc, respectively, are classified as being anomalous, whereas values below 30, 30 and 60 parts per million in copper, lead and zinc, respectively, are not considered of practical interest. High anomalous lead and zinc values occurred in the drainages below the known Bomber and Helicopter vein showings and high anomalous copper values occurred 8000 feet east of these at the head of Casino Creek.

These geochemically anomalous areas are located to the northwest of Nordex Exploration property; however each anomaly occurs adjacent to a fault structure and the two fault structures extend south-easterly across the Nordex Exploration property. The most easterly of these, the Casino Creek fault, is sub-parallel and adjacent to the upper reaches of Casino Creek for a distance of over two miles downstream. Anomalous copper and zinc values occur along the creek for this distance.

Much further to the south-east where the fault is intersected almost at right angles by Dip Creek, Rude Creek and Victor Creek, there are no anomalous copper, lead or zinc values in the stream silt samples.

The inferences from this fact are:

- (1) that there are no mineralized veins or shear structures related to the fault in the vicinity of these creeks: or,
- (2) that the silt sampling interval, at 1500 feet between samples, is much too great for those creeks that intersect the shear structures at a sharp angle, i.e. on the 1500' spacing the samples may have missed the mineralized shear structures.

In view of the fact that galena has been found in the placers of all these creeks, I would believe that the second inference is more correct than the first.

Dr. Szetu's report also locates anomalous metal values on three right limit tributaries to Canadian Creek. These, he believes, are comparable to the anomalous geochemical values found below the known galena mineral occurrence at the Helicopter Vein. Also mentioned are marginal values in copper and zinc found on some of the tributaries to Britannia and Sunshine Creeks, all on or adjacent to Nerdex Exploration property.

An inspection of the Rude Creek workings reveals evidence that the galena vein must have been found in the creek bed originally, and that much effort has been exerted in attempts to trace it south-easterly on strike both on surface and underground. The mine adit is inaccessible due to ice. The surface work consists of four long side-hill trenches dug by hand in permafrost on the left limit of the creek and above the adit.

The adit is at the creek elevation of 3250 feet. The last cross trench above the adit is about 500 feet to the south-east and at an elevation of 3550 feet. There is no evidence of vein material or sulphides on the trench dumps. Dr. W. E. Cockfield in his G.S.C. Report, "The Silver Lead Deposits of Rude Creek", states that the vein occurs in an 8 foot pit at the level of the creek bed, that on the west side of the pit there is an adit 72 feet long driven westerly with, at 49 feet, a cross-cut to the south 18 feet long. He found ore in place at the portal of the adit and in the pit going east. His samples included 4" of 'good ore' assaying 122.46 ounces of silver per ton and 37.16% lead; 6" of 'fair ore' assaying 73.78 ounces silver per ton, and 15.55% lead and a 30" width of leached, sheared granite assaying 2.45 ounces silver per ton, and 0.79% lead.

#### CONCLUSIONS

The above described deposit of galena ore on Rude Creek is important only as an indication of the possibility of finding other larger deposits of ore nearby.

The early day reports of galena 'float' discoveries in Victor Creek, 9000 feet south-easterly of the Rude Creek showing, and in Dip Creek, 7000 feet northwesterly of the Rude Creek showing, coupled with the fact that good mineralization has been found recently near the head of Casino Creek, some six and one-half miles north-westerly and adjacent to the same geophysically inferred fault structure, indicates that there may be the possibility of finding one or more mineral deposits in this, the southwest portion of the property.

The geochemical silt sampling program indicated better than average mineralization at the northern part of the property on some of the tributaries to Canadian Creek, Britannia Creek and Sunshine Creek. This northern part of the property involved the silt sampling of 72 streams, all draining toward the Yukon River. The largest part of this area, drained by 63 of these streams, can now be foregone due to lack of evidence regarding copper, lead and zinc, other than background values of these metals. All future prospecting effort in this northern region should be directed to the remaining areas, as follows: (see reference map - Dr. Ssetu's report)

- (1) Canadian Creek: Prospect the area drained by streams 109 to 112 inclusive for galena type mineralization.
- (2) Britannia Creek: Prospect the area drained by streams 92 and 93 for possible gold-copper mineralization.
- (3) Sunshine Creek: Prospect the area drained by streams 66, 67 and 81 for possible gold-copper mineralization.

A great deal more exploration work will be required before a statement can be made as to the potential value of this property. However, the present mineral indications are good enough to justify an expenditure of \$21,000.00 to conduct a continued program of geological prospecting assisted by geophysical and geochemical surveys over the most promising areas indicated by the preliminary investigation of last season.

#### RECOMMENDATIONS

The following program is recommended not only to discover and to map mineral deposits but also to hold all the mineral claims in the most promising areas in good standing for another year and for a minimum expenditure.

When this program is completed, there should be enough information available to make a decision as to how much of the property should be retained for a more advanced program of line cutting, picket line surveys and follow-up diamond drilling to take place the following year.

The recommended program for the summer of 1967 is as follows:

Expenditure:

1.	To group 168 mineral claims at the south-west portion of the property (see plans attached), and to record last season's assessment work requirements on these claims.	\$ 1,680.00
2.	To run a preliminary geophysical survey from Victor Creek northwesterly through the Ray and Pat groups of claims and to Casino Creek. Employ a camp-out crew of three men including a magnetometer operator, an electro-magnetic instrument operator, and a back-packer. The operators to run a pace and compass survey, flagging the stations at 300 foot intervals for future reference, and taking their respective instrument readings at each station. 6 miles of baseline and 114 miles of grid line @ \$75.	9,000.00
3.	Follow-up bulldozer trenching of anomalous areas if any are indicated. 125 hours @ \$20.00.	2,500.00
4.	To run a preliminary prospecting program on the previously outlined areas on Canadian, Britannia and Sunshine Creeks. This program to be serviced by helicopter. To use pace and compass traverses employing the use of a magnetometer and a Ronka 16 EM unit. The crew to consist of two geophysical operators and a geologist to do the mapping.	4,000.00
5.	To re-stake the Sun groups of claims subsequent to the completion of the above work in order to cover anomalies if any. Est. 70 claims recorded.	2,800.00
6.	Administration and general overhead expense.	1,020.00
	Total estimated expenditure ...	<u>\$21,000.00</u>

Respectfully submitted,

  
C. D. N. Taylor, P.Eng.

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The following Geological Survey of Canada publications contain references to the Casino Creek and Canadian Creek areas, Yukon Territory:

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