

LOG NO. 0216	RD.

GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE
CHUCHI PROPERTY
(KLAW 1 TO 9, NORN CLAIMS)

FILMED

N.T.S. 93 N/1 & 2

OMINECA MINING DIVISION

SITUATED AT CO-ORDINATES: 55° 15' N
124° 30' W

NORANDA EXPLORATION COMPANY, LIMITED
(NO PERSONAL LIABILITY)

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

BY: TERRY CAMPBELL

FEBRUARY, 1989

18,392

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SUMMARY:

The Klaw claims were acquired in the fall of 1987 to cover several reconnaissance stream geochemical anomalies and a roadside geochemical anomaly detected earlier in the year. The Klaw 8 and 9 claims were staked in the summer of 1988 to expand the area of the property. Preliminary geologic mapping and reconnaissance soil sampling were conducted by Noranda personnel during the 1988 field season. A large recon soil grid was hip-chained and compassed and several small mini grids were added to define the size of anomalies.

Soil geochemistry outlined a very large copper anomaly with values up to 2200 ppm copper and other numerous isolated gold and copper anomalies.

Proposed work for the property in 1989 consists of mapping the entire grid, filling in between the recon soil lines over the large copper anomalies, conduct a magnetometer survey over the entire grid and conducting an IP survey over the main copper anomaly.

INTRODUCTION:

The property was staked in the fall of 1987 to cover the drainage areas of several streams with numerous gold and copper anomalies. Pan concentrate anomalies for gold are up to 37,000 ppb. Copper silt anomalies range up to 1400 ppm, and a roadside soil anomaly on the Germansen-Indata forest road. *** Preliminary geologic mapping and soil sampling were conducted in the 1988 field season. A large recon soil grid was established to investigate a porphyry copper and gold system and a structurally hosted gold deposit. Two smaller grids were established: the Tyrone grid to test a roadside geochemical anomaly and the Norn grid to test a pan concentrate and silt anomaly.

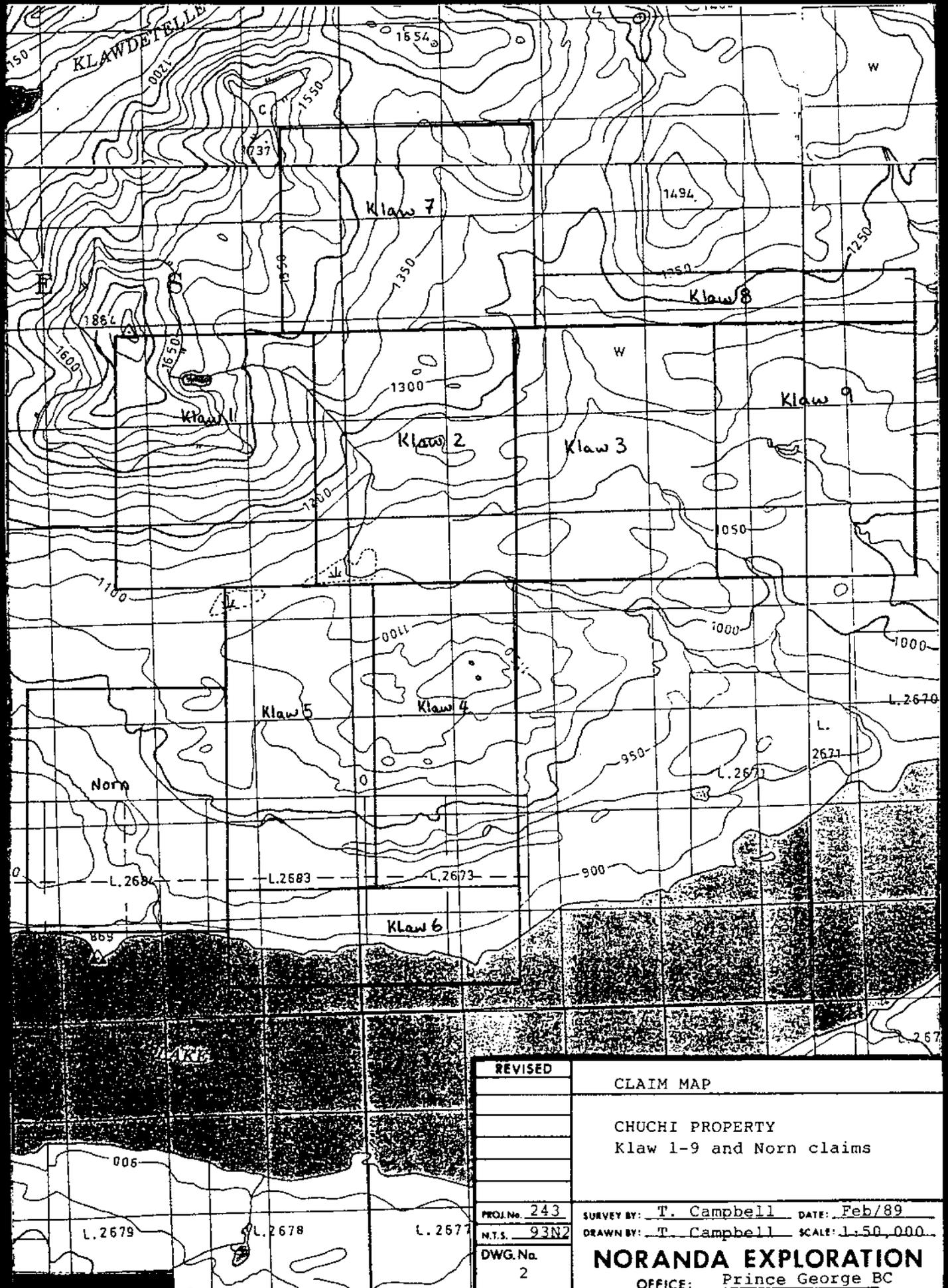
LOCATION & ACCESS:

The claims are located along the north shore of Chuchi Lake, approximately 180 kilometers northwest of Prince George. (see Figure 1)

Access to the property is via the Indata-Germansen forest service road, off of the all-weather Germansen road from Fort St. James. The Indata-Germansen road is presently only accessible during the summer. There has been recent logging on most of the property. Roads and clear cuts provide excellent access to all of the property.

CLAIM STATISTICS:

NAME	RECORD #	# UNITS	RECORD DATE	OWNER
NORN	9078	20	Oct 22, 1987	Norex
KLAW 1	9173	20	Nov 13, 1987	Norex
KLAW 2	9174	20	Nov 13, 1987	Norex
KLAW 3	9175	20	Nov 13, 1987	Norex
KLAW 4	9195	18	Nov 25, 1987	Norex
KLAW 5	9196	18	Nov 25, 1987	Norex
KLAW 6	9197	12	Nov 25, 1987	Norex
KLAW 7	9198	20	Nov 25, 1987	Norex
KLAW 8	9494	7	June 28, 1988	Norex
KLAW 9	9493	20	June 28, 1988	Norex



REVISED	CLAIM MAP	
	CHUCHI PROPERTY	
	Klaw 1-9 and Norn claims	
PROJ. No. 243	SURVEY BY: T. Campbell	DATE: Feb/89
N.T.S. 93N2	DRAWN BY: T. Campbell	SCALE: 1:50,000
DWG. No. 2	NORANDA EXPLORATION	
	OFFICE: Prince George BC	

TOPOGRAPHY & VEGETATION:

The area is characterized by low rolling glacial topography, including pine flats, outcrop ridges and knobs and low swampy valleys. Elevations range from 868 meters on Chuchi Lake to 1200 meters.

Vegetation consists of mature stands of spruce, pine and balsam, which has been logged off in many areas on the property. Undergrowth is mainly small cedar, alder and devil's club.

GRIDS:

During the 1988 field season, a large reconnaissance soil grid, consisting of lines spaced 500 meters apart and sampling every 50 meters, was hip-chained and compassed. The grid was established to cover a large area and pinpoint sources of the anomalous copper and gold stream geochemistry samples. The recon grid consists of 27.0 km of flagged grid lines controlled by 4 km of cut baseline at an azimuth of 090 degrees. Three lines 100 meters apart were added around line 7000E and three lines 200 meters apart were established to the east of line 11000E.

Two smaller grids, the Tyrone and Norn, were established to cover a roadside soil anomaly and a copper-gold stream sediment sample. The Tyrone grid consists of 2.575 km of flagged grid lines, controlled by 400 meters of cut base line at an azimuth of 090 degrees. The Tyrone grid is situated on the Klaw 6 claim. (see Figure 3) The Norn grid consists of 2.325 km of flagged grid, line controlled by 400 meters of cut base line at an azimuth of 090 degrees. The Norn grid is located on the Norn claim (see Figure 3).

REGIONAL GEOLOGY:

The most recent published information on regional geology is by Paterson, I.A., 1974 G.S.C. Paper 74-1, part B.

The Chuchi claim group lies in a broad northwest trending package of rocks known as the Quesnel trough. These include Upper Triassic to Lower Jurassic volcanics and sediments, which have been intruded by the Hogen Batholith and numerous other felsic to mafic stocks, ranging in age from Triassic to Cretaceous.

The volcanic rocks include massive to porphyritic andesite and basaltic flows. The sedimentary package includes argillites, greywackes and conglomerates.

The property is located in close proximity to the Hogem Batholith and this has probably caused major deformation in the area.

The Guesnel Trough is bounded to the west by the Pinchi Fault. The fault forms a contact between the Hogem Batholith and the volcanic and sedimentary package of rocks.

LOCAL GEOLOGY:

The outcrop on the property is sparse and isolated with large areas covered by overburden. The area appears to be underlain by andesites and siltstones which have been intruded by several gabbro and diorite dykes.

The andesites are typically pale green, massive to weakly porphyritic, moderately silicified and have minor epidote alteration.

The siltstones are medium to dark grey, usually hornfelsed, mottled and highly fractured and contain up to 1-2% pyrite.

The diorite and gabbro occur as small dykes cutting the sediments and volcanics, possibly causing hornfelsing and alteration. The diorite is weakly porphyritic; weakly saussuritized? with a trace amount of disseminated pyrite and chalcopyrite. There have values of up to 6% copper reported for this unit, in localized shear zones.

PREVIOUS WORK:

There has been extensive work performed in this area during the mid 1960's to early 1970's. In the late 1960's, Noranda established several soil lines in the area of the present property. The results revealed high soil values for copper and molybdenum.

In the late 1960's, Noranda drilled and identified a deposit of 20,000 tons of 7.5% combined lead and zinc on the WIT claim situated to the east of the Chuchi property. In 1984 and 1985, BP Selco performed work on the Phil claims that are located north of the Chuchi property. Soil and rock samples were found to have anomalous copper values.

GEOCHEMISTRY:

METHOD -

A total of 789 soil samples were collected from the Chuchi property during the 1988 field season. The samples were taken using a soil auger. The samples were collected from the "B" horizon, 15-35 cm below the surface. The samples were placed in kraft paper bags, dried and sent to the Noranda Lab for analysis at 1050 Davie St., Vancouver, B. C. The original recon soil samples were analyzed for copper, zinc, lead, silver, arsenic and gold. Each sample, from the Norn and Tyrone grids were analyzed for copper, zinc, lead, silver, arsenic and gold. The samples from the 100 meter spaced lines on the recon were analyzed for copper and gold only. The results are plotted on Figures 6 to 17, located in the pocket file.

OBSERVATIONS -

NORN GRID -

Gold - Gold values on the Norn grid range between 10 and 40 ppb. Values greater than 10 ppb are considered to be weakly anomalous. Five single station anomalies have been outlined:

- 20 ppb L3900N/4150E
- 40 ppb L4000N/4225E
- 20 ppb L4000N/4300E
- 20 ppb L4100N/4200E
- 40 ppb L4200N/3900E

Copper - Values range from 8 ppm to 230 ppm. The average is around 20-25 ppm and values greater than 100 ppm are considered anomalous. Four single station anomalies have been outlined:

- 150 ppm L3800N/3975E
- 230 ppm L3800N/4100E
- 220 ppm L4000N/3800E
- 110 ppm L4000N/4150E

Lead - Values range from 1 ppm to 94 ppm. Most values are in the 1-2 ppm range and values greater than 25 ppm are considered anomalous. Only one anomalous sample (94 ppm) is indicated by the survey and occurs at L4000N/3900E.

Zinc - Values range from 28 ppm to 330 ppm, with the average around 40 to 50 ppm. Values greater than 200 ppm are considered anomalous. One one anomalous sample was indicated:

- 330 ppm L4000N/4125E

Silver - Values range from 0.2 to 1.6 ppm, with the average around 0.4 ppm. Only one sample was greater than 1.0 ppm:

- 1.6 ppm L4000N/3900E

Arsenic - Values range from 1 to 580 ppm. Most values are around 1 to 2 ppm and values greater than 50 ppm are considered anomalous. Two anomalous samples have been outlined on the grid:

- 100 ppm L4000N/3900E
- 580 ppm L4000N/3800E

TYRONE GRID -

Gold - Values range from 5 to 150 ppb. Only two samples are greater than 10 ppb:

- 20 ppb L6900E/5875N
- 150 ppb L7000E/5850N

Copper - Values range from 8 ppm to 360 ppm and the average is around 25 to 30 ppm. Values greater than 100 ppm are considered anomalous.

- 360 ppm L6900E/6150N

Lead - Values range from 2 to 24 ppm. Most values fall between 2 and 4 ppm and values greater than 25 ppm are considered anomalous. None are found on the grid.

Zinc - Values range from 48 to 620 ppm. The average is around 70 to 80 ppm and values greater than 200 ppm are considered anomalous. Two single station anomalies have been outlined:

- 620 ppm L6900E/6150N
- 240 ppm L7000E/6100N

Silver - Values range from 0.2 to 0.8 ppm. Most values are around 0.2 ppm and values greater than 1.0 ppm are considered anomalous:

- 1.4 ppm L6800E/6250N

Arsenic - Values range from 1-20 ppm. No values are considered anomalous.

RECON SOIL GRID -

Gold - Gold values on the recon grid range from 10 to 1000 ppb. Values greater than 10 ppb are considered to be anomalous. One triple station, one double station and 22 single station anomalies have been outlined:

-	80 ppb	L7000E/ 8050N
-	1000 ppb	L7000E/10350N
-	60 ppb	L7000E/11800N
-	30 ppb	L7000E/12000N
-	30 ppb	L7000E/12050N
-	30 ppb	L7000E/12150N
-	80 ppb	L7000E/12950N
-	30 ppb	L7500E/ 7900N
-	20 ppb	L7500E/ 8700N
-	30 ppb	L7500E/10850N
-	20 ppb	L7500E/12400N
-	30 ppb	L7500E/13300N
-	110 ppb	L8000E/10500N
-	100 ppb	L8000E/10600N
-	30 ppb	L8000E/10900N
-	30 ppb	L8000E/10950N
-	20 ppb	L8000E/11000N
-	20 ppb	L8000E/12600N
-	240 ppb	L8500E/10950N
-	270 ppb	L9000E/10400N
-	340 ppb	L9000E/11000N
-	80 ppb	L9000E/11100N
-	30 ppb	L10000E/ 9800N
-	40 ppb	L10500E/11750N
-	40 ppb	L11000E/ 9800N
-	20 ppb	L11000E/10050N
-	30 ppb	L11000E/11650N

Copper - Copper values on the recon grid range from 4 ppm to 2200 ppm. The average is around 50 to 70 ppm, and values greater than 100 ppm are considered anomalous.

A large, loosely defined anomaly and 2 double station and 13 single station anomalies are defined, open to the southeast.

A large copper anomaly with values up to 2200 ppm, extends from Line 9500E to Line 11200E. The outer boundaries of the anomaly are outlined by:

L 9500E	10550N to 11650N
L10000E	10250N to 11650N
L10500E	10400N to 11500N
L11000E	10400N to 11200N
L11200E	11000N to 11050N

The 13 single and 2 double station anomalies are:

- 100 ppm	L7000E/ 7750N
- 110 ppm	L7000E/ 7850N
- 100 ppm	L7000E/ 7900N
- 130 ppm	L7000E/ 9800N
- 380 ppm	L7000E/10000N
- 140 ppm	L7000E/12950N
- 110 ppm	L7000E/13050N
- 130 ppm	L7500E/ 7600N
- 120 ppm	L7500E/ 7900N
- 460 ppm	L7500E/10900N
- 140 ppm	L7500E/10250N
- 130 ppm	L7500E/10300N
- 170 ppm	L8500E/10150N
- 170 ppm	L8500E/11300N
- 100 ppm	L9000E/ 9800N
- 130 ppm	L9000E/10050N
- 130 ppm	L9000E/11500N

Lead - Lead values on the recon soil grid range from 1 ppm to 28 ppm. The average is between 4 and 8 ppm. Values greater than 25 ppm are considered to be anomalous. One value is found to be anomalous:

- 28 ppm	L10500E/11200N
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Zinc - Zinc values on the recon soil grid range from 18 ppm to 290 ppm, with the average around 60-70 ppm. Values greater than 200 ppm are considered to be anomalous. Four single station anomalies are defined:

- 240 ppm	L7000E/10750N
- 290 ppm	L7000E/11000N
- 290 ppm	L7000E/11700N
- 280 ppm	L10000E/11800N

Silver - Silver values on this grid range from 0.2 to 1.2 ppm, with the average around 0.4 ppm. Two values are considered anomalous:

- 1.0 ppm L 9500E/11650N
- 1.2 ppm L10000E/10850N

Arsenic - Arsenic values on the recon grid range from 1 ppm to 92 ppm, with an average around 5 ppm to 8 ppm. Values above 50 ppm are considered to be anomalous. Four single station anomalies are outlined:

- 92 ppm L 7000E/11000N
- 84 ppm L 7000E/11700N
- 72 ppm L 7500E/ 7600N
- 64 ppm L11000E/10900N

100 METER SPACED LINES -

The 100 meter spaced lines were established around high anomalies defined by the recon sampling. The lines are spaced 100 meters apart and samples are taken at 25 meter intervals. The grid lines are flagged and were established with a hip chain and compass.

L6900E, L7100E, L7200E -

Gold - Gold values on these detailed lines range from 10 to 20 ppb. The average is 10 ppb. Three single station anomalies of 20 ppb are defined:

- 20 ppb L6900E/11000N
- 20 ppb L7100E/10975N
- 20 ppb L7200E/10550N

Copper - Copper values on these 100 meter spaced lines range from 12 ppm to 1400 ppm. The average value is around 110 ppm to 120 ppm. The average is distorted by some very high anomalous values. There is a 7 station, a 2 station and 2 single station anomalies defined:

- 140 ppm L6900E/10675N
- 180 ppm L6900E/10800N
- 160 ppm L6900E/10825N
- 120 ppm L7100E/10700N
- 160 ppm L7100E/10850N
- 470 ppm L7200E/10850N
- 180 ppm L7200E/10875N
- 1300 ppm L7200E/10900N
- 1400 ppm L7200E/10925N
- 270 ppm L7200E/10950N
- 280 ppm L7200E/11000N

L11,200E, L11,400E and L11,600E -

Gold - The gold values on these 200 meter spaced lines range from 10 ppb to 520 ppb. The average is around 20 ppb. There are 5 single station anomalies outlined:

- 40 ppb L11200E/11225N
- 20 ppb L11200E/11575N
- 520 ppb L11400E/11225N
- 30 ppb L11600E/11325N
- 70 ppb L11600E/11375N

Copper - The copper values on the 200 meter spaced lines range from 16 ppm to 580 ppm. The average is around 80 ppm. Values above 100 ppm are considered to be anomalous. There are 3 double station and 6 single station anomalies outlined:

- 130 ppm L11200E/11000N
- 100 ppm L11200E/11025N
- 100 ppm L11400E/11450N
- 110 ppm L11400E/11575N
- 110 ppm L11400E/11625N
- 580 ppm L11600E/11000N
- 200 ppm L11600E/11075N
- 380 ppm L11600E/11100N
- 100 ppm L11600E/11150N
- 130 ppm L11600E/11225N
- 120 ppm L11600E/11300N
- 220 ppm L11600E/11375N
- 260 ppm L11600E/11400N
- 100 ppm L11600E/11650N
- 110 ppm L11600E/11675N

CONCLUSIONS:

The property is underlain by porphyritic diorite that appears to be weakly altered, massive to porphyritic andesite with a trace amount of pyrite and disseminated chalcopyrite and siltstones that are hornfelsed and contain up to 1-2% pyrite.

A structural break trending 070 degrees occurs on the property. This is indicated by stream courses and topography changes seen on air photos and topographic maps. Reconnaissance gold anomalies weakly reflect this break.

A large copper geochemical anomaly 2 km long and 1.5 km wide that is open to the southeast has been outlined. The copper values in this anomaly range up to 2200 ppm. Scattered gold anomalies with values up to 1000 ppb are found throughout the grid.

The Tyrone grid has scattered gold values up to 150 ppb, scattered copper values up to 360 ppm and a large zinc value of 620 ppm.

The Norn grid has scattered weak copper and gold values and an anomalous arsenic area located on the southern edge of the grid. The arsenic values range up to 580 ppm.

RECOMMENDATIONS:

Further soil sampling and geophysics work should be performed on the property.

Geochemistry -

These soil lines should be added to the grid with samples taken at 25 meter intervals:

L 9100E	10000N-12000N		
L 9200E	10000N-12000N		
L 9300E	10000N-12000N		
L 9400E	10000N-12000N		
L 9600E	10000N-12000N		
L 9700E	10000N-12000N		
L 9800E	10000N-12000N		
L 9900E	10000N-12000N		
L10100E	10000N-12000N		
L10200E	10000N-12000N		
L10300E	10000N-12000N		
L10400E	10000N-12000N		
L10600E	10000N-12000N		
L10700E	10000N-12000N		
L10800E	10000N-12000N		
L10900E	10000N-12000N		
L11100E	10000N-12000N		
L11200E	10000N-11000N		
L11300E	10000N-12000N		
L11400E	10000N-11000N		
L11500E	10000N-12000N		
L11600E	10000N-11000N		
L 6800E	10200N-11100N		
L 6900E	9700N-10500N, 11850N-12250N		
L 7100E	9700N-10500N, 11850N-12250N, 11000N-13000N		
L 7200E	9700N-10500N, 11000N-13000N		
L 7300E	10300N-11200N,		
L 7400E	10100N-11200N		
L 7600E	10100N-11200N		
L 7900E	10400N-11200N		
L 8100E	10400N-11200N		
L 8900E	9650N-10150N		
L 9100E	9650N-10150N		
L 6900E	7650N- 8100N, 12700N-13100N		
L 7100E	7650N- 8100N, 12700N-13100N		
L 7400E	7800N- 8000N		
L 7600E	7800N- 8000N		

Geophysics -

Complete a magnetometer survey over the entire property. L9000E to L11500E; 10000N to 12000N, spacing lines 100 meters apart. A total of 52 km of magnetometer survey.

Complete an IP survey over the same grid as the magnetometer survey with 200 meter spacing between the lines. A total of 26 km of IP survey.

The proposed geophysics phase involves a magnetometer survey and an IP survey. The magnetometer survey will cover the entire grid. The IP survey will cover the area of the large copper anomaly.

Geology -

Map the property at a scale of 1:5,000.

APPENDIX I

STATEMENT OF WORK

a)	WAGES:		
	Geology - 5 mandays @ \$150/day	\$	750.00
	Linecutting - 5 mandays @ \$100/day	\$	500.00
	Soil Sampling - 7 mandays @ \$100/day	\$	700.00
b)	FOOD, ACCOMMODATIONS & TRANSPORTATION:		
	17 days @ \$50/day	\$	850.00
c)	COST OF ANALYSIS:		
	151 samples @ \$8.75 ea	\$1,321.25	
	638 samples @ \$15.00	\$9,570.00	
d)	COST OF REPORT PREPARATION:		
	Author	\$200.00	
	Drafting	\$200.00	
	Typing	\$ 50.00	\$ 450.00

	TOTAL COST		\$14,141.25

APPENDIX I
COST BREAKDOWN

a)	GEOLOGY:	
	Wages	\$ 750.00
	Food, Accommodations & Transportation	\$ 250.00
	Report Preparation	\$ 200.00

		\$1,200.00
b)	SOIL GEOCHEMISTRY:	
	Wages	\$ 500.00
	Food, Accommodations & Transportation	\$ 250.00
	Cost of Analysis	\$10,891.25
	Report Preparation	\$ 250.00

		\$11,891.25
c)	LINE CUTTING:	
	Wages	\$ 700.00
	Food, Accommodations & Transportation	\$ 350.00

		\$1,050.00

APPENDIX *I*

STATEMENT OF QUALIFICATIONS

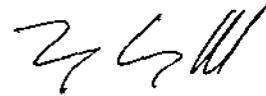
I, Terrence Campbell, of Prince George, Province of British Columbia, do hereby certify that:

1. I am a geologist residing at 7740 Gladstone Drive, Prince George, British Columbia.

2. I am a 1985 graduate of the University of British Columbia, B.Sc. (Geology).

3. I am a member in good standing of the British Columbia Yukon Chamber of Mines.

4. I presently hold the position of Field Geologist with Noranda Exploration Company, Limited (no personal liability) and have been in their employ since 1986.



Terrence Campbell

APPENDIX III

ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

Revised:01/86

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver. (March, 1984)

Preparation of Samples

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples) are analysed in its entirety, when it is to be determined for gold without further sample preparation. See addendum.

Analysis of Samples.

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.2 g or less depending on the matrix of the rock, and twice as much acid is used for decomposition than that is used for silt or soil.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn (all the group A elements of the fee schedule) can be determined directly from the digest (dissolution) with an atomic absorption spectrometer (AA). A Varian-Techtron Model AA-5 or Model AA-475 is used to measure elemental concentrations.

Elements Requiring Specific Decomposition Method

Antimony - Sb: 0.2 g sample is attacked with 3.3 mL of 6% tartaric acid, 1.5 mL conc. hydrochloric acid and 0.5 mL of conc. nitric acid, then heated in a water bath for 3 hours at 95° C. Sb is determined directly from the acid solution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.4 g sample is digested with 1.5 mL of 70 % perchloric acid and 0.5 mL of conc. nitric acid. A Varian AA-475 equipped with an As-EDL measures the arsenic concentration of the digest.

Barium - Ba: 0.1 g sample is decomposed with conc. perchloric, nitric and hydrofluoric acid. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 g - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest into the flame of the AA instrument c/w EDL.

Gold - Au: 10.0 g sample (Pan-concentrates see below) is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with Methyl iso-Butyl ketone (MIBK) from the aqueous solution. Gold is determined from the MIBK solution with flame AA.

Magnesium - Mg: 0.05 - 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with a nitrous oxide flame determines Mg from the aqueous solution.

Tungsten - W: 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

Uranium - U: An aliquot, taken from a perchloric-nitric (3:1) decomposition, usually from the multi-element digestion, is diluted with water and a phosphate buffer. This solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

LOWEST VALUES REPORTED IN PPM

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01 (10PPB)
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

APPENDIX IV

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: CHUCI CREEK

CODE : 8811-008

Project No. : 243

Sheet: 1 of 3

Date rec'd: NOV 04

Material : 107 SOILS

Geol.: T.D.

Date compl: NOV 23

Remarks :

Values in PPM, except where noted.

I. T. No.	SAMPLE No.	PPB					
		Cu	Zn	Pb	Ag	As	Au
2	6800E-5750N	74	68	6	0.6	6	5
3	5775	68	92	4	0.8	2	5
4	5800	70	66	2	0.4	2	5
5	5850	36	80	4	0.4	2	5
6	5875	30	82	2	0.4	2	5
7	5900	22	58	2	0.4	2	5
8	5925	22	72	2	0.4	4	5
9	5950	44	180	2	0.6	6	5
10	5975	84	120	4	0.8	6	5
11	6000	14	50	2	0.2	4	5
12	6075	12	110	4	0.2	2	5
13	6150	10	110	6	0.2	2	5
14	6175	24	90	10	0.2	6	5
15	6225	16	50	2	0.2	1	5
16	6250	170	110	4	1.4	2	5
17	6275	28	46	2	0.2	2	5
18	6800E-6300N	20	48	2	0.2	1	5
19	6900E-5775N	38	110	2	0.2	1	5
20	5800	22	64	2	0.2	1	5
21	5825	70	110	4	0.2	2	5
22	5850	30	76	1	0.2	6	5
23	5875	22	52	2	0.2	4	20
24	5900	24	58	2	0.2	1	5
25	5925	18	52	1	0.2	1	5
26	5950	8	66	2	0.2	1	5
27	6000	26	48	1	0.2	1	5
28	6025	24	80	2	0.2	4	5
29	6050	18	74	2	0.2	1	5
30	6075	16	66	2	0.2	1	5
31	6100	12	60	4	0.2	2	5
32	6150	360	620	24	0.8	20	5
33	6175	24	88	4	0.2	8	5
34	6200	74	80	4	1.0	1	5
35	6225	46	80	4	0.2	4	5
36	6250	56	62	4	0.4	6	5
37	6275	60	82	4	0.4	2	5
38	6900E-6300N	24	50	2	0.2	2	5
39	7000E-5800N	50	84	2	0.4	4	5
40	5825	18	82	2	0.2	2	5
41	5850	22	64	2	0.2	6	150
42	5875	80	98	4	0.2	4	5
43	5900	40	72	2	0.2	4	5
44	5925	56	100	2	0.2	6	5
45	5950	14	120	4	0.2	4	5
46	6000	26	160	4	0.2	2	5
47	6025	22	160	4	0.2	8	5
48	6050	16	98	4	0.4	1	5
49	7000E-6075N	20	96	4	0.2	2	5

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T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8811-008	
							Au	Pg. 2 of 3
50	7000E-6100N	80	240	12	0.6	6	5	
51	6125	22	78	4	0.2	2	5	
52	6150	18	72	8	0.2	2	5	
53	6175	36	86	6	0.2	6	5	
54	6200	16	54	2	0.2	4	5	
55	6225	26	56	2	0.2	2	5	
56	6250	14	50	1	0.2	1	5	
57	6275	10	44	1	0.2	4	5	
58	7000E-6300N	16	48	2	0.2	2	5	
59	7100E-5800N	62	100	2	0.2	8	5	
60	5825	40	66	2	0.2	6	5	
61	5850	76	82	4	0.4	14	5	
62	5875	32	78	4	0.2	8	5	
63	5900	12	150	4	0.2	2	5	
64	5925	78	120	6	0.2	4	5	
65	5950	48	100	4	0.2	6	5	
66	6000	36	96	6	0.2	8	5	
67	6025	18	120	4	0.2	1	5	
68	6050	28	78	4	0.2	4	5	
69	6075	18	140	4	0.2	10	5	
70	6100	12	170	4	0.2	1	5	
71	6125	24	86	10	0.4	2	5	
72	6150	18	60	6	0.2	2	5	
73	6175	26	66	4	0.4	1	5	
74	6200	16	70	6	0.2	4	5	
75	6225	28	64	4	0.4	4	5	
76	6250	22	48	4	0.4	1	5	
77	6275	16	60	4	0.2	4	5	
78	7100E-6300N	30	56	4	0.4	1	5	
79	7200E-5800N	72	82	4	0.2	18	5	
80	5825	44	74	4	0.2	8	5	
81	5850	50	78	4	0.2	6	5	
82	5875	28	88	4	0.2	1	5	
83	5900	34	110	4	0.4	4	5	
84	5925	20	160	6	0.2	4	5	
85	5950	30	170	4	0.2	2	5	
86	6000	18	64	4	0.2	1	5	
87	6025	14	62	4	0.2	4	5	
88	6050	8	64	4	0.2	8	5	
89	6075	10	58	4	0.2	4	5	
90	6100	30	46	2	0.2	2	5	
91	6125	16	90	8	0.2	6	5	
92	6175	28	72	6	0.2	4	5	
93	6225	28	64	6	0.2	6	5	
94	6250	26	62	4	0.2	8	5	
95	6275	24	52	2	0.2	1	5	
96	7200E-6300N	12	50	2	0.2	1	5	
97	3900N-3700E	12	42	2	0.2	1	10	
98	3725	28	58	2	0.2	1	5	
99	3750	38	110	26	0.4	190	25	
100	CHECK NL-6	50	140	66	1.0	90	-	
101	3900N-3775E	16	250	14	0.2	200	5	
102	4000N-3700E	12	48	2	0.2	1	5	
103	3725	24	44	2	0.2	1	5	
104	3750	36	58	4	0.2	1	5	
105	4000N-3775E	44	68	4	0.2	1	5	
106	4100E-3810E	38	98	4	0.4	260	5	

P.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	RFB 8811-008	
							Au	Pg. 3 of 3
07	4100E-3775N	34	94	4	0.2	1	5	
08	4010N-3800E	50	86	4	0.2	24	5	
09	3990N-3800E	16	62	4	0.4	6	5	

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: CHUCHI

CODE : 8810-056

Project No.

0243

Sheet: 1 of 3

Date rec'd: OCT 24

Material

135 SOILS

Geol.: G.M.

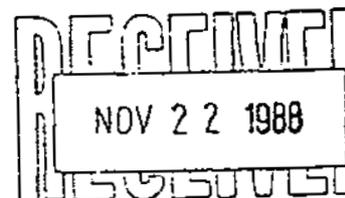
Date compl: NOV. 17

Remarks

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Values in PPM, except where noted.

.T. No.	SAMPLE No.	PPB	
		Cu	Au
39	6900E-10500N	20	10
40	10550	16	10
41	10575	12	10
42	10600	20	10
43	10625	28	10
44	10650	20	10
45	20675	140	10
46	10700	34	10
47	10725	18	10
48	10750	16	10
49	10775	56	10
50	10800	180	10
51	10825	160	10
52	10850	98	10
53	10875	50	10
54	10900	14	10
55	10925	50	10
56	10950	18	10
57	10975	56	10
58	6900E-11000N	18	20
59	7100E-10500N	22	10
60	10525	56	10
61	10550	34	10
62	10575	16	10
63	10600	22	10
64	10625	12	10
65	10650	30	10
66	10675	76	10
67	10700	120	10
68	10825	66	10
69	10850	160	10
70	10875	58	10
71	10900	34	10
72	10925	56	10
73	10950	20	10
74	10975	38	20
75	7100E-11000N	18	10
76	7200E-10500N	28	10
77	10525	46	10
78	10550	34	20
79	10575	32	10
80	10600	80	10
81	10625	34	10
82	10650	28	10
83	10675	22	10
84	10700	12	10
85	10850	470	10
86	7200E-10875N	180	10



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. T. C.	SAMPLE No.	Cu	PPB Au
87	7200E-10900N	1300	10
88	10925	1400	10
89	10950	270	10
90	10975	88	10
91	7200E-11000N	280	20
92	11200E-11000N	130	10
93	11025	100	10
94	11050	60	10
95	11075	44	10
96	11100	34	10
97	11125	38	10
98	11150	32	10
99	11175	40	10
00	CHECK NL-6	50	-
01	11200	42	10
02	11225	42	40
03	11250	32	10
04	11300	38	10
05	11325	52	10
06	11350	90	10
07	11375	88	10
08	11400	40	10
09	11425	66	10
10	11450	46	10
11	11475	70	10
12	11500	30	10
13	11525	56	10
14	11575	16	20
15	11600	24	10
16	11625	24	10
17	11650	16	10
18	11675	40	10
19	11200E-11725N	56	10
20	11400E-11000N	30	10
21	11025	40	10
22	11050	82	10
23	11075	72	10
24	11100	46	10
25	11125	20	10
26	11150	44	10
27	11175	40	10
28	11200	50	10
29	11225	66	520
30	11250	56	10
31	11400	54	10
32	11425	50	10
33	11450	100	10
34	11475	56	10
35	11550	36	10
36	11575	110	10
37	11600	72	10
38	11400E-11625N	110	10
39	11600E-11000N	580	10
140	11050	40	10
141	11075	200	10
142	11100	380	10
143	11600E-11125N	28	10

T. No.	SAMPLE No.	Cu	PPB Au
44	11600E-11150N	100	10
45	11200	34	10
46	11225	130	10
47	11300	120	10
48	11325	50	30
49	11350	56	10
50	CHECK NL-6	50	-
51	11375	220	70
52	11400	250	10
53	11425	40	10
54	11450	80	10
55	11475	90	10
56	11500	76	10
57	11525	56	10
58	11625	50	10
59	11650	100	10
60	11675	110	10
61	11700	88	10
62	11725	50	10
63	11600E-11775N	92	10
64	10400E-11400N	130	10
65	11450	58	10
66	11475	38	10
67	11500	250	80
68	11525	72	10
69	11550	60	10
70	11575	86	10
71	11600	48	10
72	11625	54	10
73	11650	36	10
74	11700	110	10
75	11725	210	10
76	11750	110	10
77	10400E-11775N	140	10

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION:STUART CLAIMS

CODE :8807-009

Project No. : 283
 Material :452 SOILS
 Remarks :

Sheet:1 of 9
 Geol.:G.M.

Date rec'd:JUN27
 Date compl:JUL22

Values in PPM, except where noted.

I. T. No.	SAMPLE No.						PPB	
		Cu	Zn	Pb	Ag	As	Au	
2	7000E-7550N	38	130	4	0.2	1	10	
3	7600	34	48	2	0.2	6	10	
4	7700	42	54	2	0.2	16	10	
5	7750	100	130	1	0.6	6	10	
6	7800	38	58	2	0.2	14	10	
7	7850	110	120	6	0.6	30	10	
8	7900	100	46	2	0.2	12	10	
9	7950	48	54	2	0.2	14	10	
10	8000	48	58	2	0.2	2	10	
11	8050	68	140	16	0.6	30	10	
12	8100	68	76	4	0.8	18	10	
13	8150	18	62	2	0.2	10	10	
14	8200	22	60	2	0.2	14	10	
15	8250	24	62	2	0.2	18	10	
16	8300	16	48	4	0.2	8	10	
17	8350	16	50	2	0.2	6	10	
18	8400	30	56	4	0.2	6	10	
19	8450	26	58	6	0.2	14	10	
20	8500	24	70	2	0.2	10	10	
21	8550	14	56	4	0.2	18	10	
22	8600	18	80	2	0.2	12	10	
23	8650	20	60	1	0.4	6	10	
24	8700	66	70	2	0.2	12	10	
25	8750	56	96	2	0.2	8	10	
26	8800	16	34	1	0.2	2	10	
27	8850	14	34	1	0.2	2	10	
28	9150	36	54	1	0.2	8	10	
29	9200	16	62	2	0.2	6	10	
30	9700	24	74	2	0.2	6	10	
31	9750	14	96	2	0.2	4	10	
32	9800	130	94	8	0.2	18	10	
33	9850	42	90	4	0.2	2	10	
34	9900	16	56	2	0.2	1	10	
35	9950	26	60	1	0.2	1	10	
36	10000	380	88	1	0.4	6	10	
37	10050	22	78	1	0.2	2	10	
38	10100	62	94	1	0.2	6	10	
39	10150	36	54	1	0.2	14	10	
40	10200	26	40	1	0.2	4	10	
41	10250	14	44	1	0.2	2	10	
42	10300	22	64	2	0.2	10	10	
43	10350	16	56	4	0.2	2	1000°	
44	10400	16	66	2	0.2	10	10	
45	10450	98	78	10	0.2	6	10	
46	10500	18	50	8	0.2	1	10	
47	10550	12	48	2	0.2	1	10	
48	10600	12	38	4	0.2	4	10	
49	7000E-10650N	22	70	4	0.2	4	10	

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T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009		
							Au	Pg.	2 of 9
50	7000E-10700N	22	66	4	0.2	4	10		
51	10750	42	240	18	0.2	20	10		
52	10850	12	40	4	0.2	2	10		
53	10950	38	140	6	0.2	8	10		
54	11000	92	290	14	0.2	92	10		
55	11050	24	52	4	0.2	1	10		
56	11100	20	40	4	0.2	1	10		
57	11150	14	48	6	0.2	1	10		
58	11200	12	62	6	0.2	1	10		
59	11250	4	40	1	0.2	1	10		
60	11300	18	52	8	0.2	1	10		
61	11350	10	50	2	0.2	8	10		
62	11400	14	38	4	0.2	10	10		
63	11550	10	40	6	0.2	8	10		
64	11600	12	42	8	0.2	10	10		
65	11700	66	290	20	0.2	84	10		
66	11800	52	170	6	0.2	14	60		
67	11850	20	48	6	0.2	10	10		
68	11900	16	60	12	0.2	12	10		
69	11950	52	86	8	0.2	14	10		
70	12000	8	62	10	0.2	2	30		
71	12050	8	40	2	0.2	1	30		
72	12100	38	54	6	0.2	8	10		
73	12150	22	78	4	0.2	10	30		
74	12250	30	74	6	0.2	1	10		
75	12300	16	72	4	0.2	1	10		
76	12350	28	76	6	0.2	8	10		
77	12450	26	58	4	0.2	10	10		
78	12500	62	100	4	0.2	12	10		
79	12550	16	50	4	0.2	14	10		
80	12600	20	62	6	0.2	12	10		
81	12650	24	66	6	0.2	4	10		
82	12700	26	64	6	0.2	4	10		
83	12750	18	52	8	0.2	2	10		
84	12800	14	46	4	0.2	1	10		
85	12850	22	64	4	0.2	4	10		
86	12900	40	58	4	0.2	4	10		
87	12950	140	120	12	0.6	12	80		
88	13000	32	82	2	0.2	4	10		
89	13050	110	68	2	0.2	6	10		
90	13100	46	72	2	0.2	6	10		
91	13200	40	48	2	0.2	1	10		
92	13250	40	64	2	0.2	4	10		
93	13300	18	58	4	0.2	6	10		
94	13450	38	72	2	0.2	6	10		
95	7000E-13500N	46	48	2	0.2	1	10		
96	7500E-7500N	44	56	1	0.2	4	10		
97	7550	52	80	2	0.6	16	10		
98	7600	180	66	1	0.6	72	10		
99	7500E-7650N	58	94	1	0.2	8	10		
100	CHECK NL-6	48	140	66	1.0	94	-		
101	7500E-7700N	42	52	1	0.2	34	10		
102	7800	34	120	2	0.2	2	10		
103	7900	120	74	1	0.2	30	30		
104	8050	46	50	1	0.2	4	10		
105	8150	40	44	1	0.2	1	10		
106	7500E-8250N	20	50	1	0.2	6	10		

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	
107	7500E-B350N	70	62	1	0.2	10	10
108	8450	42	80	2	0.2	14	10
109	8500	30	66	2	0.4	12	10
110	8550	22	58	1	0.2	16	10
111	8600	92	52	2	0.2	12	10
112	8650	26	50	2	0.2	8	10
113	8700	10	44	2	0.2	1	20
114	8750	14	38	2	0.2	1	10
115	8800	12	36	1	0.2	1	10
116	8850	16	54	2	0.2	4	10
117	8900	50	100	2	0.4	6	10
118	9150	20	70	2	0.2	2	10
119	9600	14	38	2	0.2	6	10
120	9650	34	30	1	0.2	10	10
121	9750	20	34	1	0.2	1	10
122	9800	34	30	2	0.2	1	10
123	9850	20	48	2	0.2	1	10
124	9900	6	30	2	0.2	1	10
125	10900	460	88	4	1.0	6	10
126	9950	12	50	2	0.2	2	10
127	10000	6	100	1	0.2	1	10
128	10150	10	68	1	0.2	1	10
129	10250	140	60	1	0.2	8	10
130	10300	130	78	1	0.4	10	10
131	10400	44	42	2	0.2	4	10
132	10500	34	40	1	0.2	2	10
133	10550	10	36	2	0.2	1	10
134	10600	16	34	2	0.2	4	10
135	10650	24	36	2	0.2	14	10
136	10700	16	32	2	0.2	1	10
137	10850	16	58	2	0.2	1	30
138	11000	42	100	1	0.2	1	10
139	11050	68	68	1	0.4	1	10
140	11100	52	96	1	0.2	1	10
141	11150	16	42	2	0.2	4	10
142	11200	26	40	4	0.2	4	10
143	11250	38	40	2	0.2	18	10
144	11300	10	30	4	0.2	4	10
145	11350	4	26	4	0.2	4	10
146	11450	20	56	8	0.2	18	10
147	11500	18	36	2	0.2	8	10
148	11700	40	62	1	0.4	16	10
149	11800	10	30	4	0.2	6	10
2	11950	18	38	4	0.2	1	10
3	12200	36	88	6	0.2	1	10
4	12250	24	82	16	0.2	24	10
5	12300	36	64	8	0.2	1	10
6	12350	50	64	12	0.2	12	10
7	12400	8	40	4	0.2	4	20
8	12450	14	48	2	0.2	20	10
9	12500	16	38	6	0.2	14	10
10	12550	10	34	4	0.2	12	10
11	12600	4	20	4	0.2	4	10
12	12650	24	44	4	0.2	10	10
13	12750	24	48	8	0.2	10	10
14	12800	22	42	6	0.2	1	10
15	7500E-12850N	6	28	2	0.2	1	10

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009			
							Au	Pg.	4	cf 9
16	7500E-12900N	16	42	4	0.2	8	10			
17	12950	28	68	6	0.2	8	10			
18	13050	38	62	8	0.2	10	10			
19	13100	34	48	6	0.2	4	10			
20	13150	34	46	2	0.2	2	10			
21	13250	38	66	4	0.2	1	10			
22	13300	6	24	2	0.2	1	30			
23	13350	4	20	4	0.2	1	10			
24	13400	6	24	6	0.2	6	10			
25	7500E-13450N	46	64	6	0.4	8	10			
26	8000E-10000N	10	48	4	0.2	8	10			
27	10050	72	60	6	0.2	14	10			
28	10100	44	62	4	0.2	36	10			
29	10150	22	34	4	0.2	6	10			
30	10200	18	52	4	0.2	8	10			
31	10250	38	50	4	0.2	10	10			
32	10300	22	46	4	0.2	10	10			
33	10450	32	40	2	0.2	4	10			
34	10500	14	38	1	0.2	1	110			
35	10550	8	40	2	0.2	1	10			
36	10600	16	42	4	0.2	1	100			
37	10650	22	50	4	0.2	1	10			
38	10750	14	34	2	0.2	1	10			
39	10800	10	56	2	0.2	1	10			
40	10850	16	56	4	0.2	1	10			
41	10900	14	52	6	0.2	1	30			
42	10950	18	46	6	0.2	1	30			
43	11000	22	46	6	0.2	1	20			
44	11200	10	26	4	0.2	1	10			
45	11400	30	48	6	0.4	1	10			
46	11500	10	32	8	0.2	1	10			
47	11550	8	28	4	0.2	1	10			
48	11600	16	46	10	0.2	1	10			
49	11650	46	46	6	0.4	1	10			
50	11700	80	44	2	0.2	20	10			
51	11750	80	68	4	0.4	14	10			
52	11800	42	58	4	0.4	20	10			
53	11850	44	48	6	0.2	8	10			
54	11900	34	46	4	0.2	16	10			
55	11950	32	68	10	0.6	14	10			
56	12000	10	32	4	0.2	6	10			
57	12050	42	68	8	0.4	14	10			
58	12100	44	88	10	0.4	20	10			
59	12150	52	72	12	0.8	20	10			
60	12200	38	52	8	0.2	12	10			
61	12250	14	60	4	0.2	12	10			
62	12300	32	86	10	0.4	20	10			
63	12350	22	50	8	0.2	14	10			
64	12400	22	48	10	0.2	6	10			
65	12450	10	32	6	0.2	4	10			
66	12500	40	52	6	0.2	2	10			
67	12600	2	18	4	0.2	1	20			
68	12650	6	30	6	0.2	12	10			
69	12700	12	46	6	0.2	12	10			
70	12750	8	30	4	0.2	10	10			
71	12800	24	46	6	0.2	4	10			
72	8000E-12850N	38	52	8	0.2	16	10			

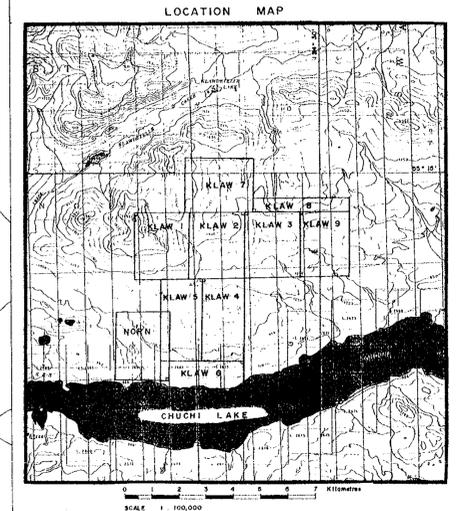
T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009		
							Au	Pg.	5 of 9
73	8000E-13100N	20	46	8	0.2	12	10		
74	13150	18	34	6	0.2	12	10		
75	13200	48	58	10	0.2	8	10		
76	8000E-13250N	90	76	8	0.2	22	10		
77	8500E-9500N	22	36	4	0.2	16	10		
78	9550	20	82	4	0.4	22	10		
79	9600	28	62	4	0.4	28	10		
80	9650	22	42	4	0.2	28	10		
81	9700	12	40	6	0.2	10	10		
82	9750	22	54	2	0.2	4	10		
83	9900	18	62	6	0.4	2	10		
84	9950	10	54	6	0.2	2	10		
85	10050	66	64	6	0.2	4	10		
86	10100	70	90	8	0.4	22	10		
87	10150	170	94	10	0.4	36	10		
88	10200	42	120	1	0.4	6	10		
89	10250	60	64	4	0.2	1	10		
90	10300	30	36	4	0.2	1	10		
91	10350	68	110	2	0.2	1	10		
92	10400	24	40	4	0.2	1	10		
93	10450	76	70	4	0.2	1	10		
94	10500	42	74	6	0.2	1	10		
95	10550	76	130	6	0.2	1	10		
96	10600	12	44	4	0.2	1	10		
97	10650	18	52	6	0.2	1	10		
98	10700	32	80	6	0.2	10	10		
99	8500E-10750N	32	90	8	0.2	10	10		
100	CHECK NL 6	50	140	64	1.0	24	-		
101	8500E-10900N	16	34	4	0.2	1	10		
102	10950	16	48	4	0.2	1	240		
103	11000	18	38	4	0.2	1	10		
104	11050	54	42	2	0.2	1	10		
105	11150	46	56	4	0.2	8	10		
106	11200	42	44	6	0.2	1	10		
107	11250	16	52	4	0.2	1	10		
108	11300	170	78	6	0.4	4	10		
109	11350	64	46	4	0.2	1	10		
110	11400	16	46	2	0.2	8	10		
111	11800	52	30	2	0.2	6	10		
112	11850	30	52	6	0.2	1	10		
113	11900	24	54	4	0.2	1	10		
114	11950	10	32	2	0.2	1	10		
115	8500E-12000N	24	38	6	0.2	1	10		
116	9000E-9500N	14	36	4	0.2	1	10		
117	9550	18	42	4	0.2	1	10		
118	9600	58	64	2	0.2	1	10		
119	9750	24	44	6	0.2	1	10		
120	9800	100	70	6	0.2	1	10		
121	9850	30	58	4	0.2	20	10		
122	9950	12	48	6	0.2	12	10		
123	10000	40	56	4	0.2	10	10		
124	10050	130	110	6	0.2	1	10		
125	10150	18	52	4	0.2	1	10		
126	10200	38	86	2	0.2	14	10		
127	10250	50	50	4	0.2	24	10		
128	10300	18	58	6	0.2	18	10		
129	9000E-10350N	38	100	6	0.2	40	10		

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009	
							Au	Pg. 6 of 9
130	9000E-10400N	12	42	4	0.2	22	270	
131	10450	16	48	4	0.2	20	10	
132	10550	20	42	2	0.2	10	10	
133	10600	26	50	2	0.2	6	10	
134	10700	22	34	4	0.2	4	10	
135	10750	56	60	4	0.2	6	10	
136	10800	22	36	2	0.2	10	10	
137	10850	34	26	2	0.2	12	10	
138	10900	54	28	2	0.2	12	10	
139	10950	56	54	4	0.2	18	10	
140	11000	56	88	6	0.6	20	340	
141	11050	16	52	4	0.2	18	10	
142	11100	8	28	4	0.2	10	80	
143	11150	26	60	6	0.2	1	10	
144	11200	20	70	8	0.4	1	10	
145	11300	34	82	8	0.4	1	10	
146	11350	52	62	6	0.4	1	10	
147	11400	14	42	4	0.2	1	10	
148	11450	30	48	4	0.2	1	10	
149	11500	130	74	4	0.6	20	10	
2	11550	20	38	6	0.2	8	10	
3	11600	24	34	4	0.2	10	10	
4	11650	28	52	4	0.2	14	10	
5	11700	6	28	4	0.2	6	10	
6	11750	20	48	8	0.2	2	10	
7	11800	24	46	6	0.2	4	10	
8	11900	10	22	10	0.2	4	10	
9	11950	66	58	6	0.2	2	10	
10	9000E-12000N	30	32	6	0.2	6	10	
11	9500E-9500N	38	74	2	0.4	14	10	
12	9600	50	44	4	0.2	8	10	
13	9650	48	52	4	0.2	1	10	
14	9700	48	76	4	0.2	1	10	
15	9750	48	52	4	0.2	1	10	
16	9800	58	42	4	0.2	2	10	
17	9850	24	30	4	0.2	6	10	
18	9900	22	40	4	0.2	2	10	
19	10000	20	32	6	0.2	2	10	
20	10050	34	44	4	0.2	4	10	
21	10100	74	68	4	0.2	8	10	
22	10150	74	66	6	0.2	4	10	
23	10200	30	44	4	0.2	4	10	
24	10250	20	34	6	0.2	6	10	
25	10300	38	50	4	0.2	2	10	
26	10350	42	50	4	0.2	1	10	
27	10400	68	56	6	0.2	2	10	
28	10550	110	44	6	0.2	2	10	
29	10600	38	46	4	0.2	1	10	
30	10650	36	50	4	0.2	1	10	
31	10700	90	120	6	0.4	6	10	
32	10750	110	130	4	0.4	4	10	
33	10850	80	72	4	0.2	6	10	
34	10900	22	36	6	0.2	4	10	
35	10950	40	44	4	0.2	6	10	
36	11000	30	54	4	0.2	6	10	
37	11050	110	50	6	0.4	24	10	
38	9500E-11100N	12200	80	8	0.4	20	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009		
							Au	Pg.	7 of 9
39	9500E-11150N	46	46	4	0.4	8	10		
40	11200	28	54	4	0.4	8	10		
41	11250	8	38	4	0.2	1	10		
42	11350	26	32	6	0.2	1	10		
43	11400	220	56	4	0.2	4	10		
44	11500	190	40	4	0.2	4	10		
45	11550	370	88	6	0.4	2	10		
46	11600	140	38	4	0.2	2	10		
47	11650	1100	110	6	1.0	6	10		
48	9500E-11750N	42	56	4	0.2	1	10		
49	10000E-9550N	46	48	2	0.2	1	10		
50	9600	22	70	6	0.2	1	10		
51	9650	12	54	4	0.2	4	10		
52	9700	52	46	4	0.2	4	10		
53	9750	34	38	2	0.2	2	10		
54	9800	40	50	2	0.2	4	30		
55	9850	42	72	4	0.4	4	10		
56	9900	70	52	4	0.2	2	10		
57	9950	38	54	4	0.2	1	10		
58	10000	32	48	6	0.2	1	10		
59	10050	34	50	4	0.2	2	10		
60	10100	24	48	4	0.2	4	10		
61	10250	190	38	4	0.2	6	10		
62	10300	84	170	6	0.6	14	10		
63	10350	72	170	4	0.4	6	10		
64	10400	76	48	2	0.2	6	10		
65	10450	68	52	4	0.2	4	10		
66	10500	450	90	4	0.2	6	10		
67	10600	1000	100	2	0.2	16	10		
68	10650	88	48	4	0.2	8	10		
69	10700	150	120	4	0.2	6	10		
70	10750	170	60	4	0.2	6	10		
71	10850	1000	62	6	1.2	10	10		
72	10900	200	62	6	0.2	4	10		
73	10950	160	58	4	0.2	6	10		
74	11050	68	58	4	0.4	4	10		
75	11100	78	60	6	0.4	2	10		
76	11150	56	86	8	0.6	8	10		
77	11200	60	56	6	0.2	8	10		
78	11300	440	84	8	0.6	6	10		
79	11350	770	92	8	0.6	12	10		
80	11400	1000	170	10	0.8	12	10		
81	11500	56	150	4	0.2	2	10		
82	11550	100	140	6	0.2	4	10		
83	11600	76	88	6	0.2	1	10		
84	11650	210	72	1	0.4	1	10		
85	11750	66	130	6	0.2	16	10		
86	10000E-11800N	70	280	8	0.6	18	10		
87	10500E-9600N	100	130	4	0.4	6	10		
88	9650	82	84	2	0.2	2	10		
89	9700	28	52	2	0.2	2	10		
90	9750	40	66	2	0.2	2	10		
91	9800	58	56	2	0.2	6	10		
92	9850	44	38	2	0.2	4	10		
93	9900	38	42	2	0.2	4	10		
94	10050	26	76	4	0.2	2	10		
95	10500E-10100N	48	92	2	0.2	1	10		

.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009		
							Au	Pg.	B of 9
96	10500E-10150N	100	50	2	0.2	6	10		
97	10200	64	50	2	0.2	2	10		
98	10250	70	180	16	0.4	1	10		
99	10500E-10300N	20	60	4	0.2	1	10		
00	CHECK NL-6	50	140	68	1.2	56	-		
01	10500E-10350N	48	76	8	0.4	4	10		
02	10400	92	52	4	0.2	4	10		
03	10450	110	58	4	0.4	6	10		
04	10500	34	42	2	0.2	1	10		
05	10550	60	160	6	0.4	1	10		
06	10700	120	52	16	0.4	36	10		
07	10750	38	46	4	0.2	4	10		
08	10900	38	48	6	0.2	1	10		
09	10950	160	54	6	0.2	4	10		
10	11000	42	94	4	0.2	1	10		
11	11050	32	36	6	0.2	4	10		
12	11200	46	80	28	0.4	24	10		
13	11250	68	110	8	0.4	8	10		
14	11300	180	100	12	0.6	10	10		
15	11350	120	94	4	0.4	6	10		
16	11450	350	92	10	0.8	14	10		
17	11500	170	48	6	0.4	4	10		
18	11600	32	88	4	0.4	4	10		
19	11650	32	44	4	0.2	1	10		
20	11700	74	52	6	0.4	6	10		
21	10500E-11750N	170	82	8	0.4	8	40		
22	11000E-9500N	170	120	4	0.4	2	10		
23	9550	26	130	4	0.2	1	10		
24	9600	16	92	4	0.2	1	10		
25	9650	46	68	6	0.2	1	10		
26	9700	18	58	4	0.2	4	10		
27	9800	42	76	4	0.2	6	40		
28	9850	24	38	4	0.2	6	10		
29	9950	28	76	4	0.2	2	10		
30	10050	50	180	2	0.2	2	20		
31	10100	36	150	1	0.2	6	10		
32	10150	28	64	4	0.2	4	10		
33	10200	62	56	6	0.2	4	10		
34	10250	18	42	6	0.2	1	10		
35	10300	30	46	2	0.2	1	10		
36	10350	30	52	4	0.2	1	10		
37	10400	98	190	6	0.2	1	10		
38	10450	38	46	2	0.2	1	10		
39	10550	(110)	56	6	0.2	1	10		
40	10600	(150)	58	6	0.2	1	10		
41	10700	(110)	48	4	0.2	1	10		
42	10750	80	66	10	0.2	1	10		
43	10800	(110)	66	6	0.2	1	10		
44	10850	(190)	78	4	0.4	2	10		
45	10900	88	180	10	0.2	64	10		
46	11000	(120)	58	10	0.2	8	10		
47	11050	58	70	6	0.2	8	10		
48	11100	(140)	84	8	0.4	1	10		
49	11000E-11200N	92	98	4	0.4	8	10		
50	CHECK NL-6	48	140	66	1.0	52	-		
51	11000E-11250N	54	140	4	0.4	6	10		
52	11000E-11300N	34	66	4	0.2	4	10		

T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB 8807-009	
							Au	Pg. 9 of 9
153	11000E-11350N	22	120	4	0.2	4		10
154	11400	50	110	4	0.4	4		10
155	11500	78	110	4	0.6	2		10
156	11550	60	74	6	0.2	4		10
157	11650	52	110	4	0.2	2		30
158	11700	28	70	6	0.2	6		10
159	11750	68	44	4	0.2	4		10
160	11800	38	60	4	0.4	8		10
161	11000E-11850N	18	22	2	0.2	6		10



LEGEND

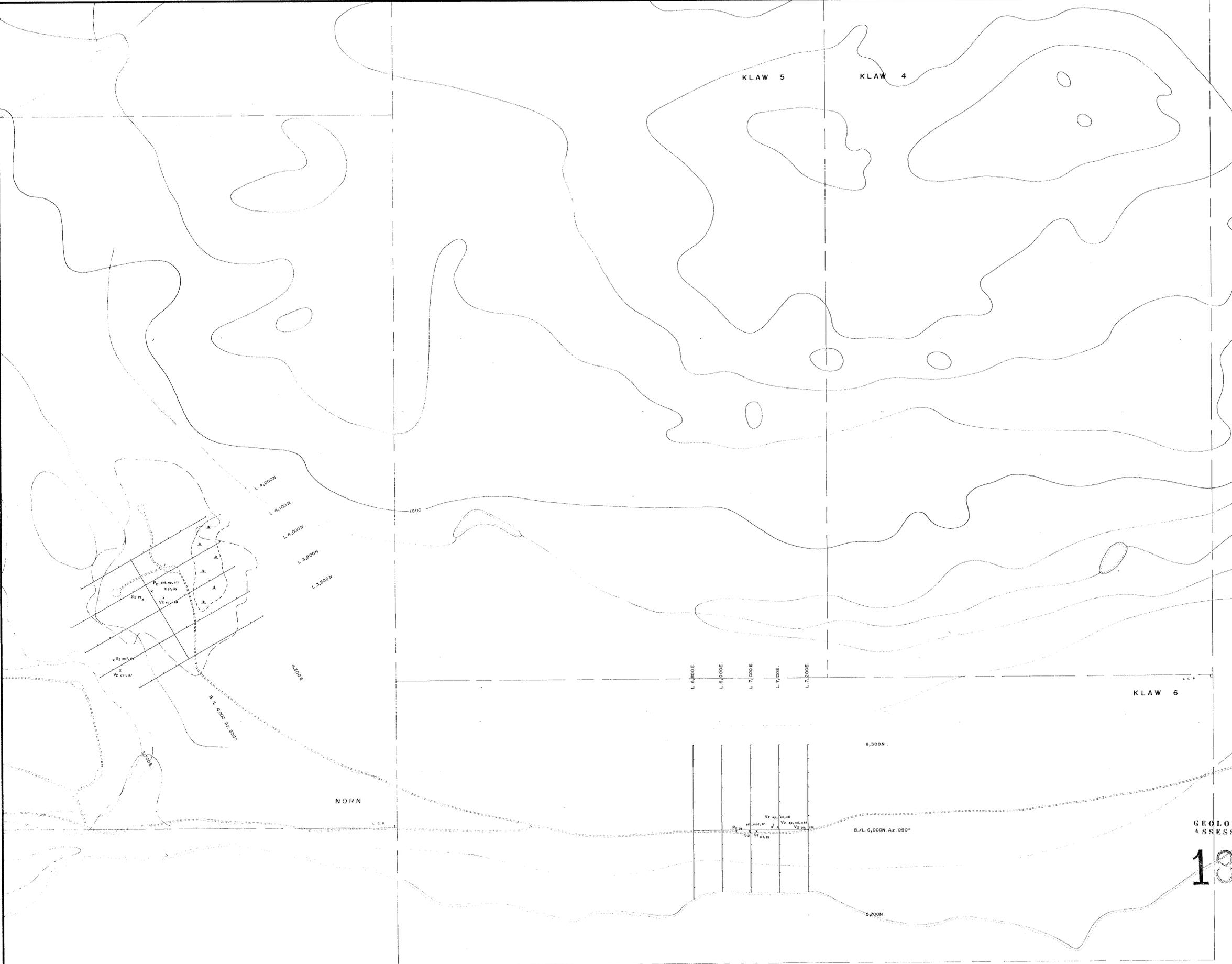
ROCK TYPES

- V₂** ANDESITE
- S₂** SILTSTONE
- P₁** GABBRO
- P₂** DIORITE

- sp epidote
- chl chlorite
- sil silicified
- py pyrite
- mot mottled
- ht hornfelsed

SYMBOLS

- Lake
- Floor sample location
- Rock sample location
- Outcrop large, small
- Clear-cut
- Logging roads
- Swamp area

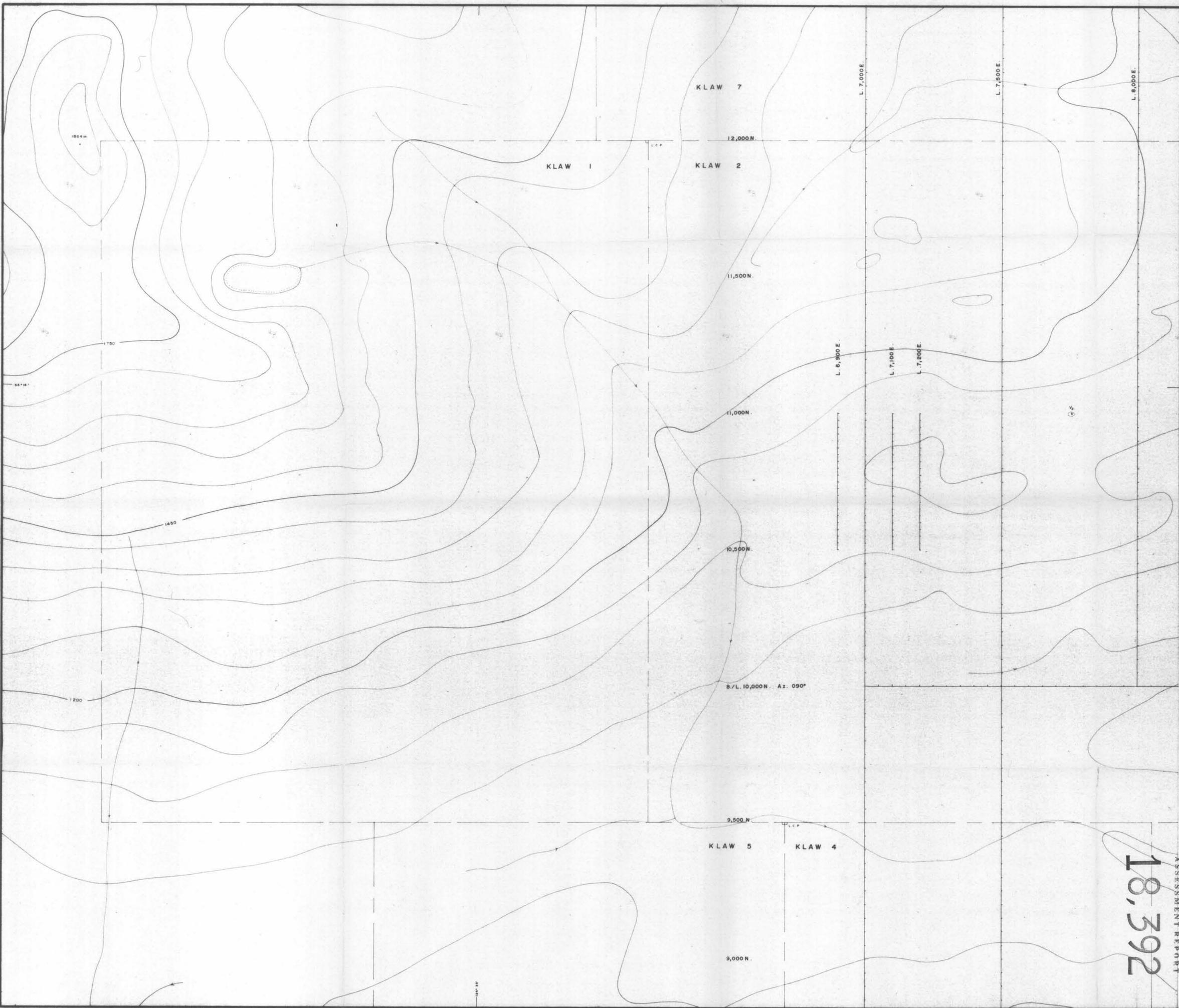


GEOLOGICAL BRANCH
ASSESSMENT REPORT
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3	2	1



REVISED	CHUCHI LAKE	
	KLAW CLAIMS	
	GEOLOGY MAP	
PROJ. No. 243	SURVEY BY: T.C. B.C.	DATE: SEP. 1988
N.T.S. 33N/2	DRAWN BY: S.K.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 3	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

ROCK TYPES

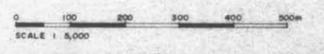
- V₁** ANDESITE
- S₁** SILTSTONE
- F₁** GABBRO
- P₁** DIORITE
- ep epidote mt mottled
- chl chlorite fsp feldspar
- sil silicified prph porphyry
- py pyrite hbld hornblende
- mt mottled
- ht hornfelsed

SYMBOLS

- Lake
- Floor sample location
- Rock sample location
- Outcrop large, small
- Clear-cut
- Logging roads
- Swamp area

Map Sheet Index

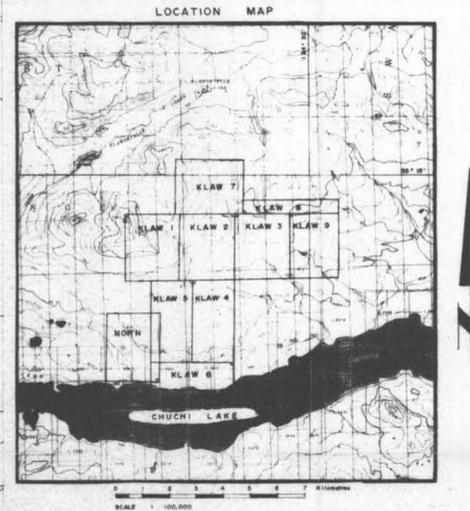
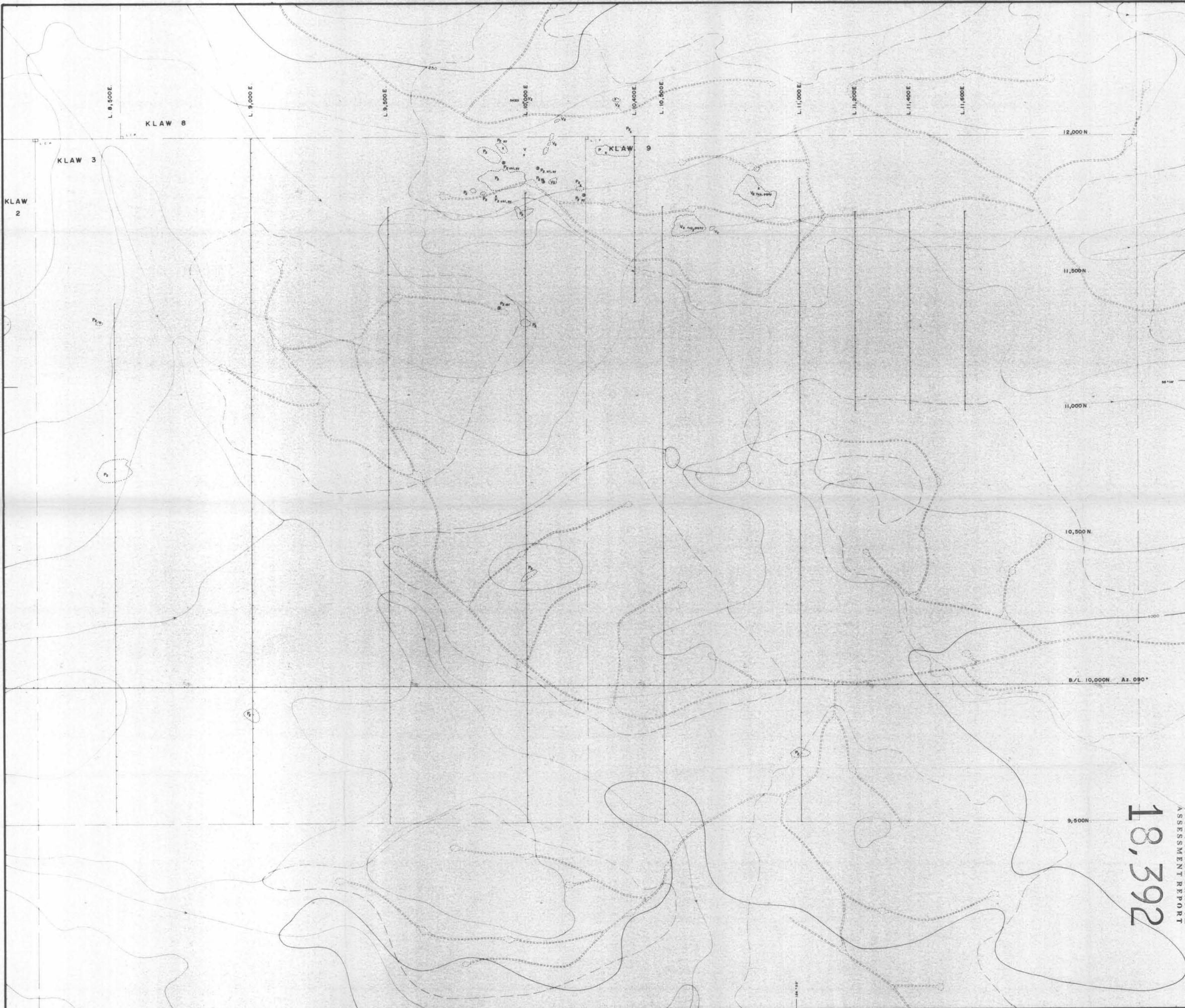
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3	2	1



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GEOLOGICAL BRANCH
ASSESSMENT REPORT

REVISED	CHUCHI LAKE		
	KLA CLAIMS		
	GEOLOGY MAP		
PROJ. No. 243	SURVEY BY: T.C. J.M.	DATE: Sept. 1988	
NTS. 33 N/2	DRAWN BY: S.H.B.	SCALE: 1:5,000	
DWG. No.	NORANDA EXPLORATION		
FIG. 4	OFFICE: PRINCE GEORGE, B.C.		



LEGEND

ROCK TYPES

- V_a ANDESITE
 - S₂ SILTSTONE
 - P₁ GABBRO
 - P₂ DIORITE
- ep epidote mt mottled
 chl chlorite fsp feldspar
 sil silicified prph porphyry
 py pyrite hbl hornblende
 mt mottled
 hf hornfelsed

SYMBOLS

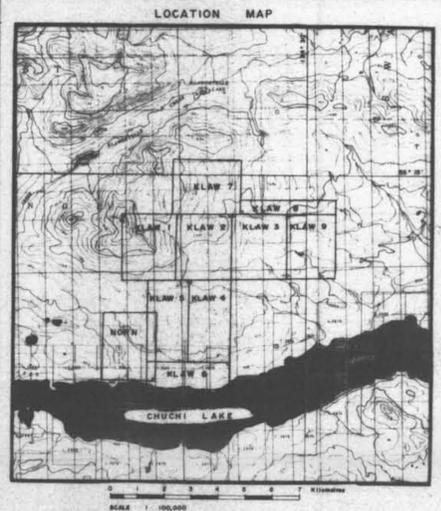
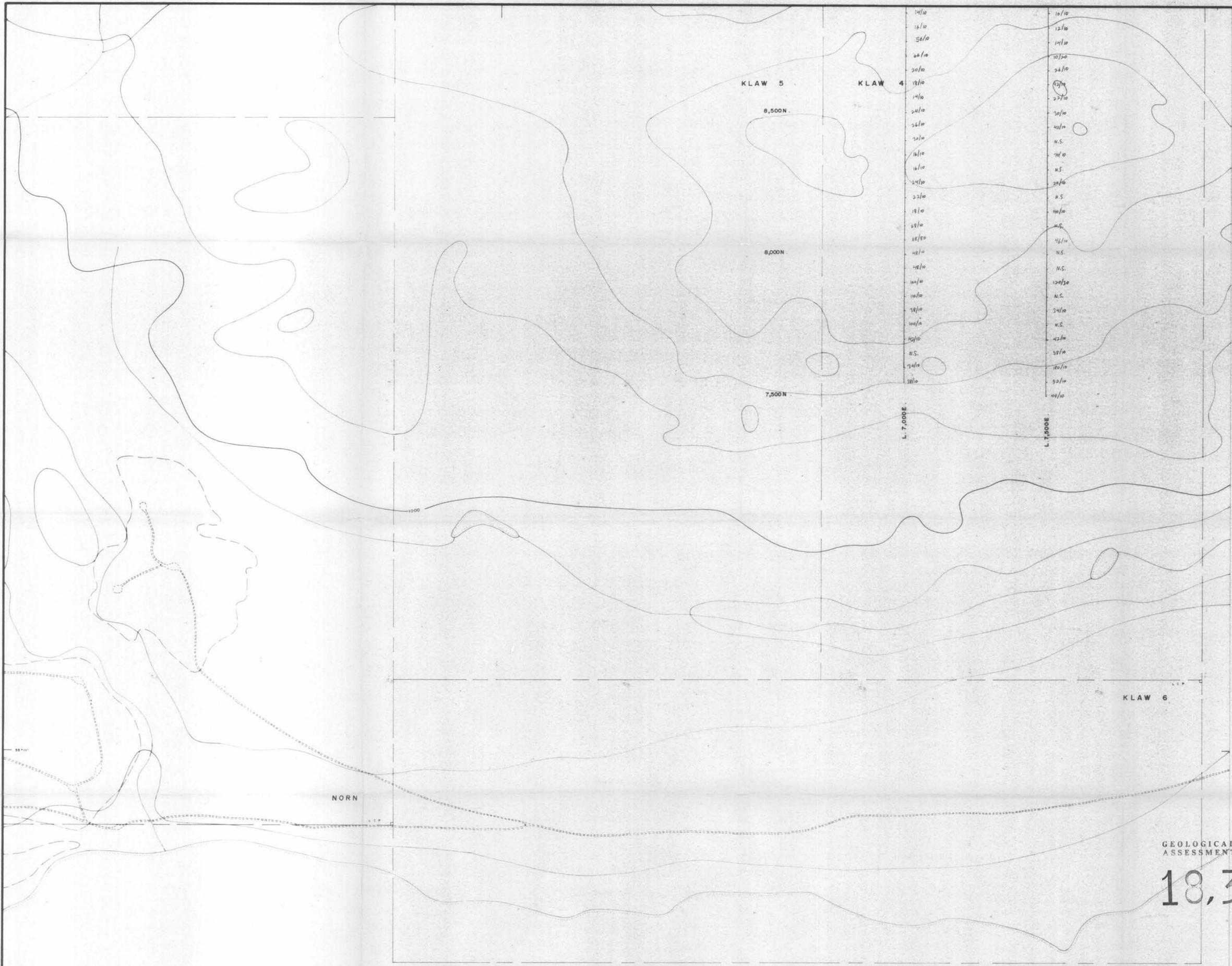
- Lake
- Floor sample location
- Rock sample location
- Outcrop (edge, small)
- Clear-cut
- Logging road
- Swamp area

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3	2	1



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 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

REVISED	CHUCHI LAKE	
	KLA W CLAIMS	
	GEOLOGY MAP	
PROJ No. 243	SURVEY BY T.C., J.M.	DATE Sept., 1988
NTS 95 N/1, 2	DRAWN BY S.K.B.	SCALE 1:5,000
DWG No.	NORANDA EXPLORATION	
FIG. 5	OFFICE PRINCE GEORGE, B.C.	



LEGEND

78.00 Soil Geochem Survey Cu(ppm)/Au(ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

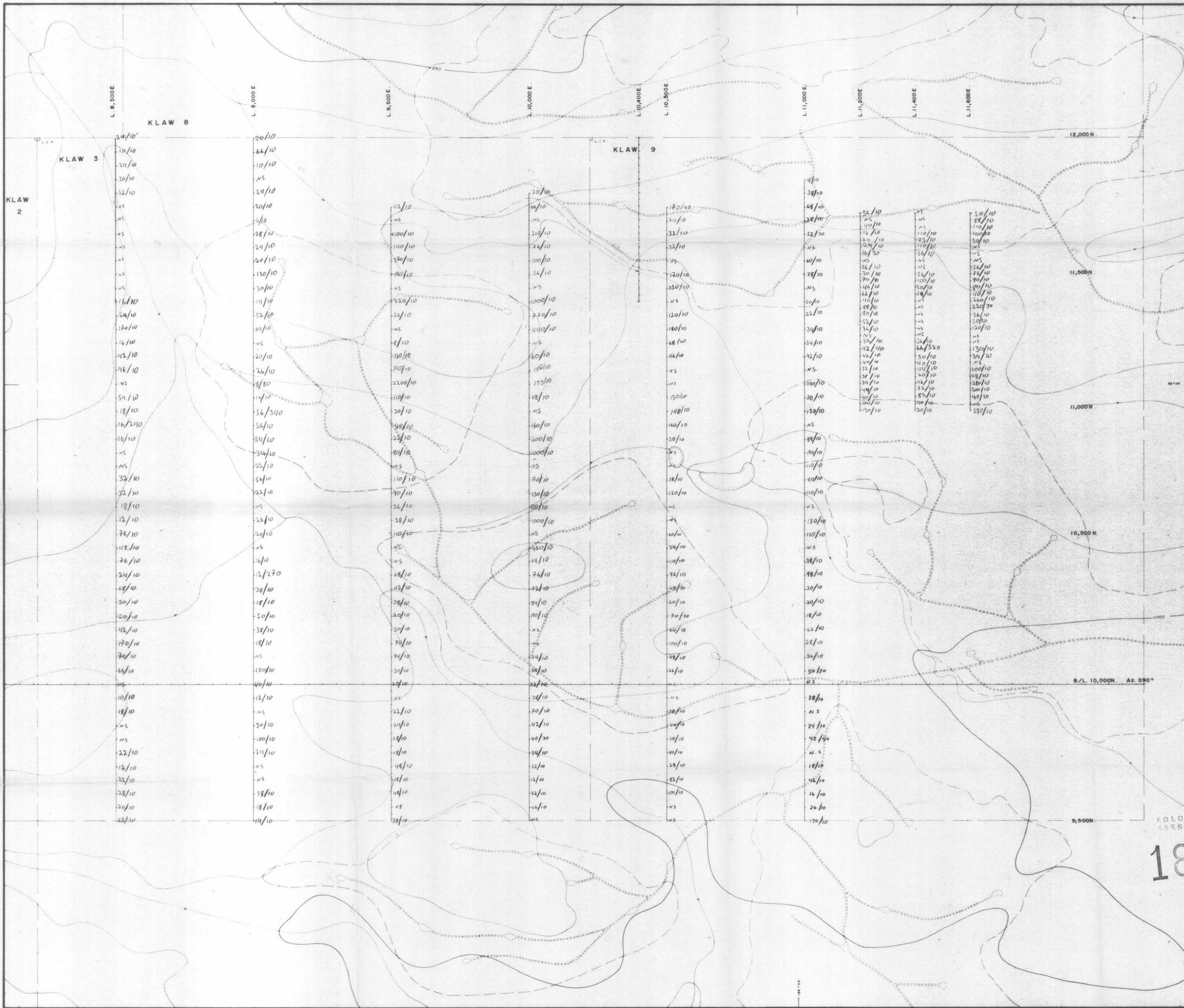
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0 100 200 300 400 500
SCALE: 1:5,000

REVISED	CHUCHI LAKE	
	KAW CLAIMS	
	SOIL GEOCHEM SURVEY	
	Cu (ppm) / Au (ppb)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: JUL 1, 1988
N.T.S. 50% C.R.	DRAWN BY: S.K.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 6	OFFICE: PRINCE GEORGE, B.C.	

CHUCHI LAKE



LEGEND

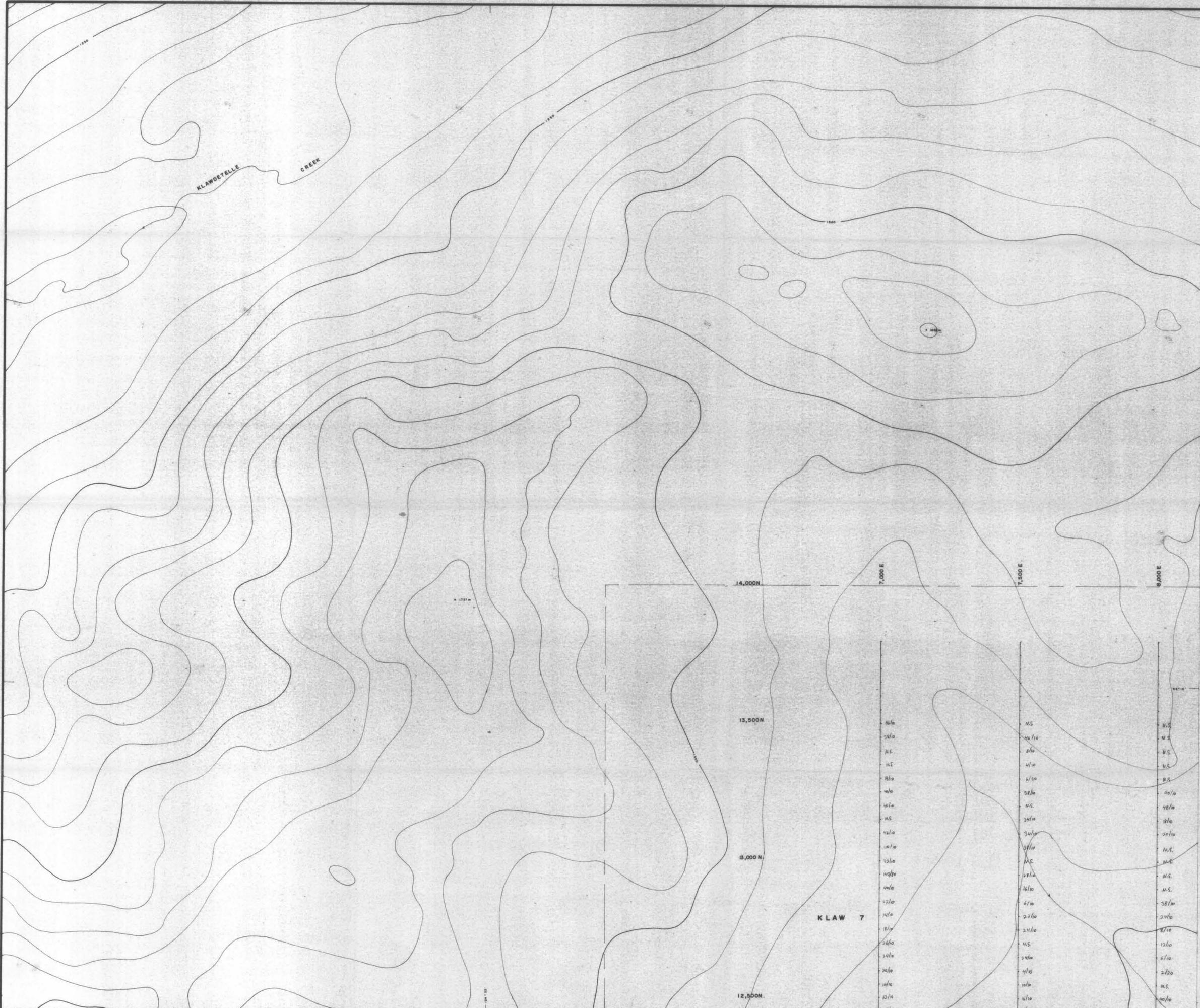
17.00 Soil Geochem Survey Cu(ppm) / Au(ppb)

Map Sheet Index		
9	8	7
4	5	6
3	2	1

18,392

0 100 200 300 400 500 m
SCALE 1:5,000

REVISED	CHUCHI LAKE	
	KLAW CLAIMS	
	SOIL GEOCHEM SURVEY	
	Cu (ppm) / Au (ppb)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: July, 1988
M.T.S. 23 N/1, 2	DRAWN BY: S.K.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 8	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

Geochem Survey Cut (ppm) / Au (ppb)

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Map Sheet Index

8	8	7
4	5	6
3	2	1

SCALE 1:5,000

REVISIONS

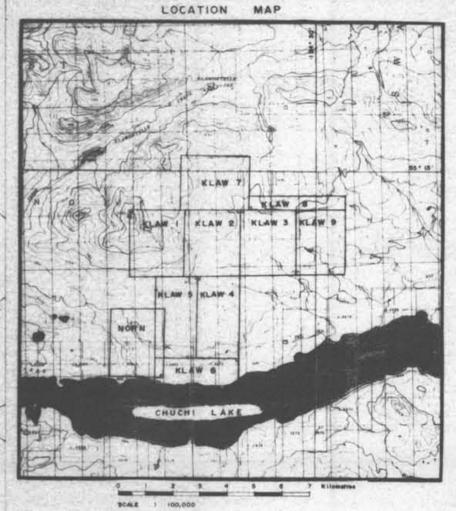
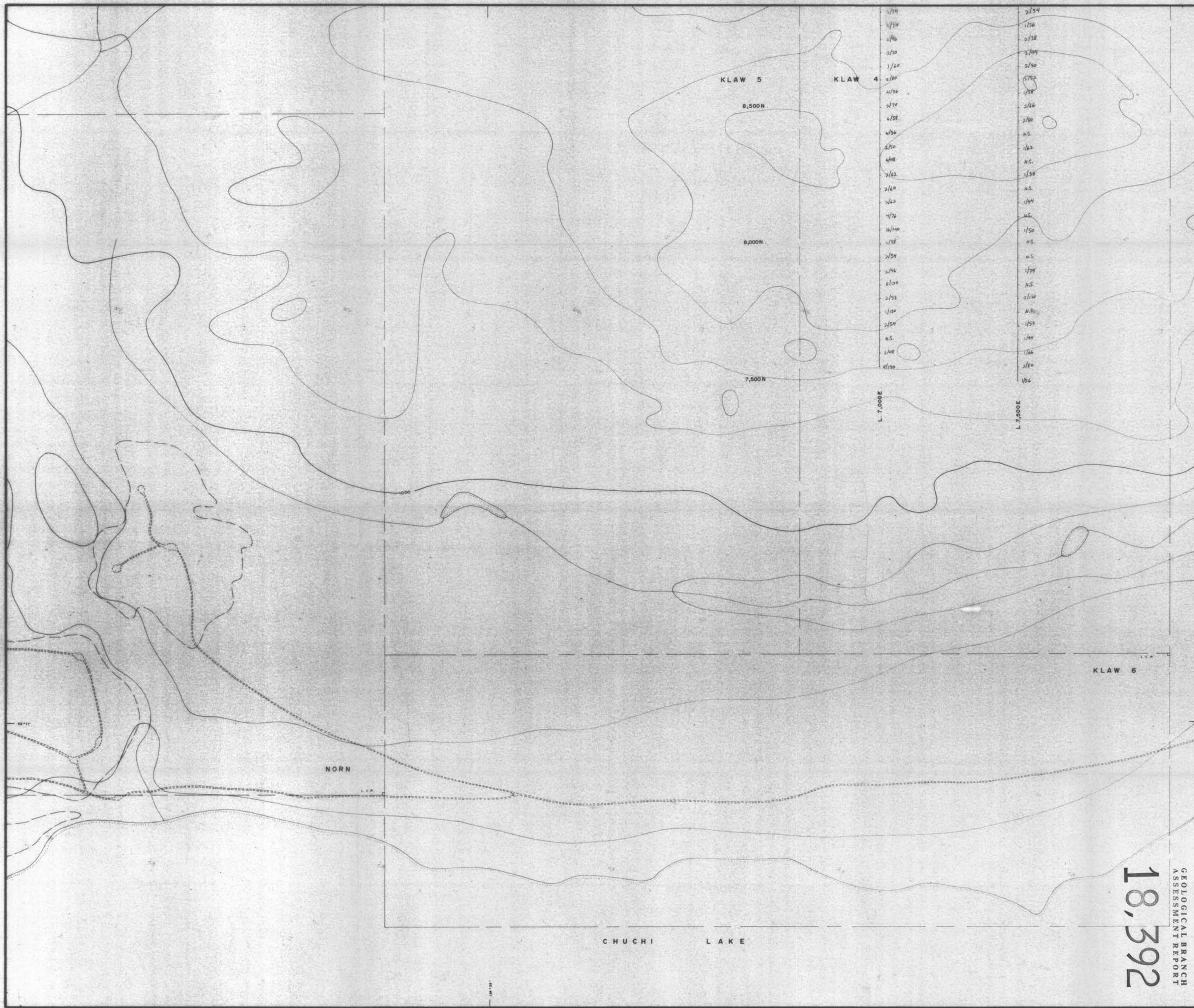
CHUCHI LAKE
KLAW CLAIMS
SOIL GEOCHEM SURVEY
Cu (ppm) / Au (ppb)

PROJ. No. 243
NTS. 93N/2
DWG. No. FIG. 9

SURVEY BY: T.C.
DRAWN BY: S.K.B.

DATE: July, 1998
SCALE: 1:5,000

NORANDA EXPLORATION
OFFICE: PRINCE GEORGE, B.C.



LEGEND

74/70 Soil Geochem Survey Pb/Zn(ppm)

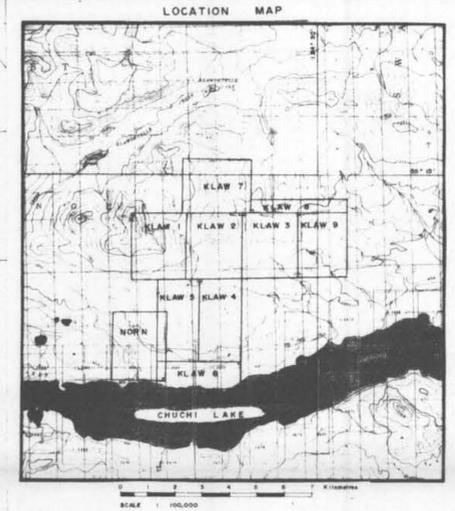
Map Sheet Index		
9	8	7
4	5	6
3	2	1



REVISED	CHUCHI LAKE	
	Klaw Claims	
	Soil Geochem Survey	
	Pb/Zn(ppm)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: JULY, 1988
NTS. 93 N/2	DRAWN BY: S.H.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 10	OFFICE: PRINCE GEORGE, B.C.	

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GEOLOGICAL BRANCH
ASSESSMENT REPORT



LEGEND

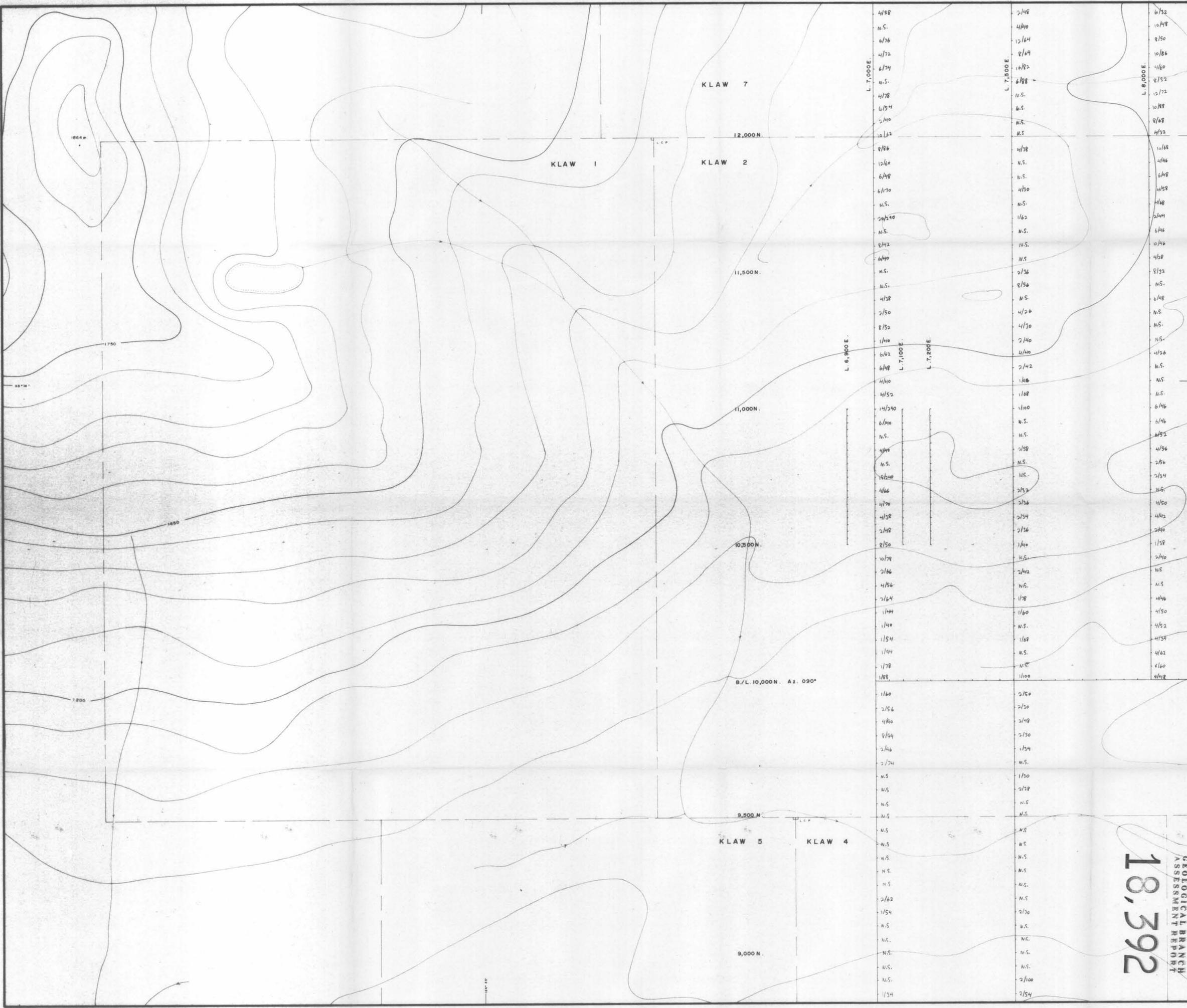
7840 Soil Geochem Survey Pb/Zn(ppm)

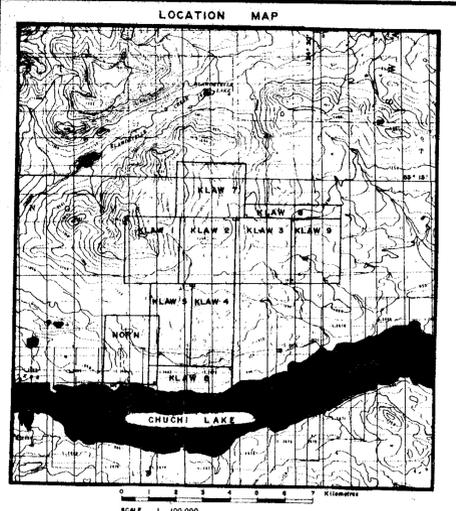
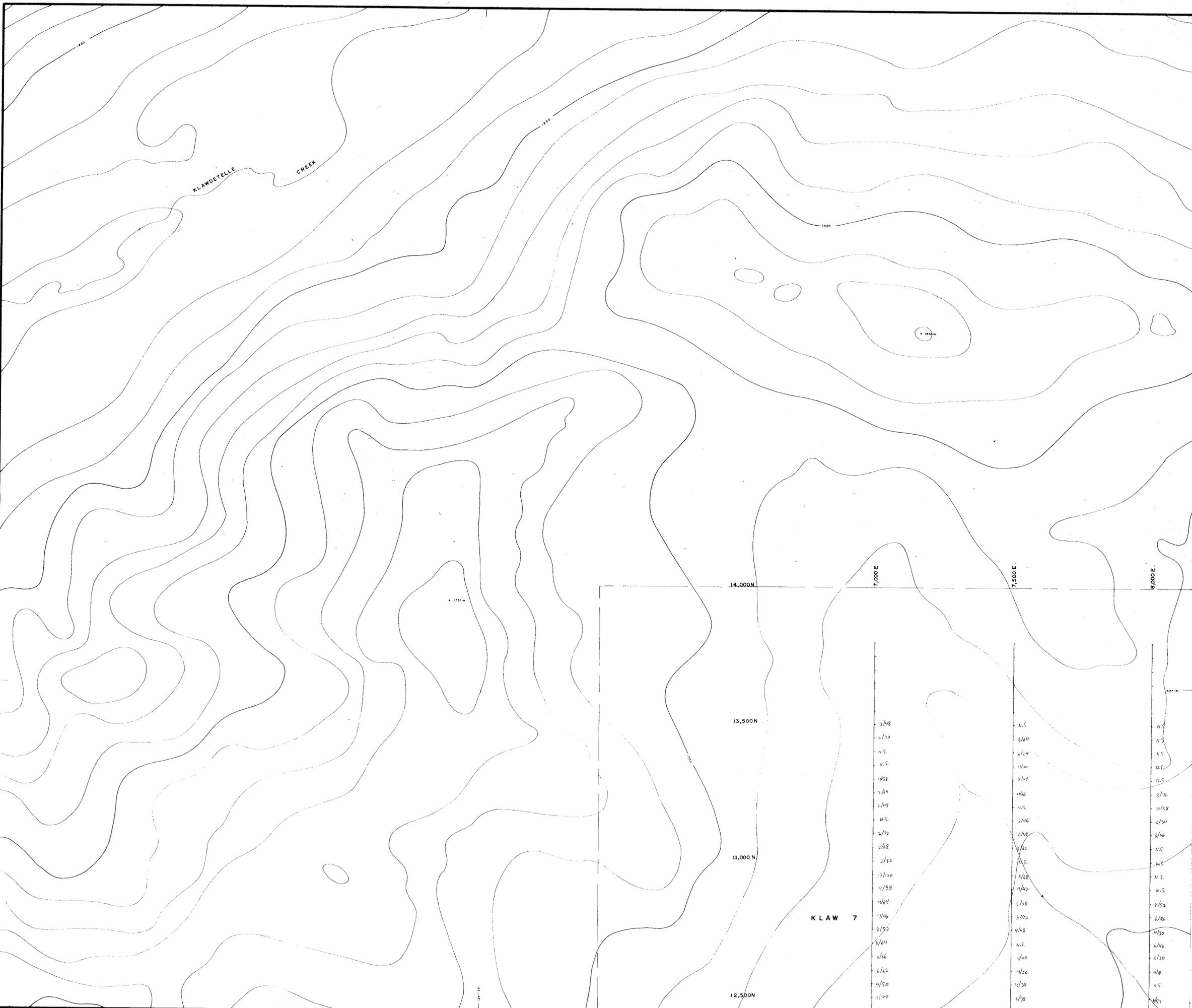
Map Sheet Index		
9	8	7
4	5	6
3	2	1



REVISED	CHUCHI LAKE	
	Klaw Claims	
	Soil Geochem Survey	
	Pb/Zn(ppm)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: JULY, 1988
NTS. 33.N/2	DRAWN BY: S.K.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 11	OFFICE: PRINCE GEORGE, B.C.	

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L E G E N D

72/10 Soil Geochem Survey Pb/Zn(ppm)

Map Sheet Index

9	8	7
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3	2	1

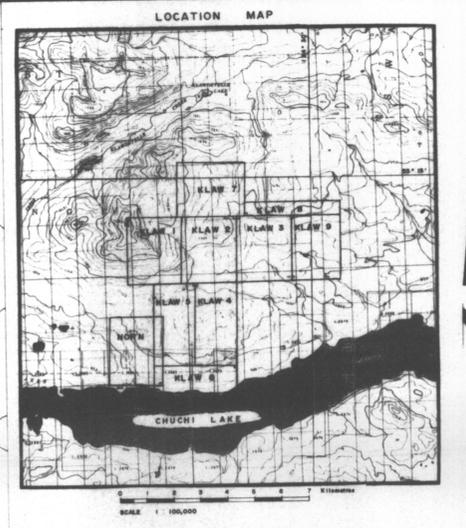
18,392

SCALE 1:5,000

K LAW 7

14,000 N	7,000 E	7,500 E	8,000 E
13,500 N	2/198	N.S.	N.S.
	2/172	6/164	N.S.
	N.S.	6/154	N.S.
	N.S.	4/130	N.S.
	4/58	2/104	N.S.
	2/164	4/66	8/76
	2/148	N.S.	10/58
	N.S.	2/146	6/54
	2/72	6/118	8/16
	2/68	8/62	N.S.
13,000 N	2/52	N.S.	N.S.
	11/100	6/68	N.S.
	4/58	4/142	N.S.
	4/114	2/58	8/52
	4/146	5/112	6/46
	8/52	8/108	4/50
	6/164	N.S.	6/146
	2/66	4/104	6/130
	6/62	4/120	4/18
	4/50	4/50	N.S.
12,500 N	4/100	4/58	8/52
	4/58	2/118	6/122

REVISED	CHUCHI LAKE	
	K LAW CLAIMS	
	SOIL GEOCHEM SURVEY	
	Pb/Zn(ppm)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: JULY, 1988
NTS: 9.3M/2	DRAWN BY: S.K.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 13	OFFICE: PRINCE GEORGE, B.C.	

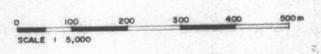


LEGEND

0.2/4 Soil Geochem Survey Ag/As (ppm)

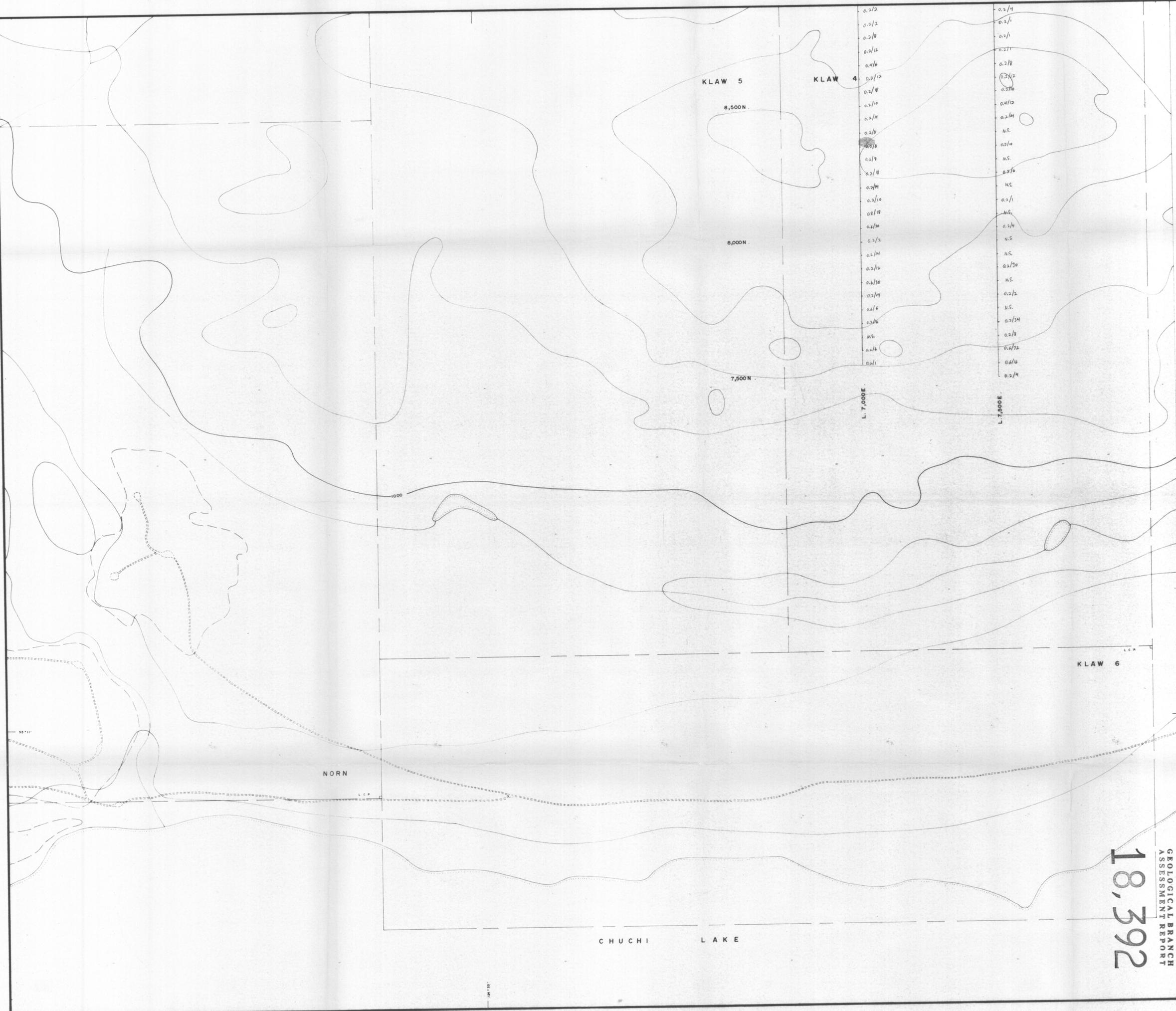
Map Sheet Index

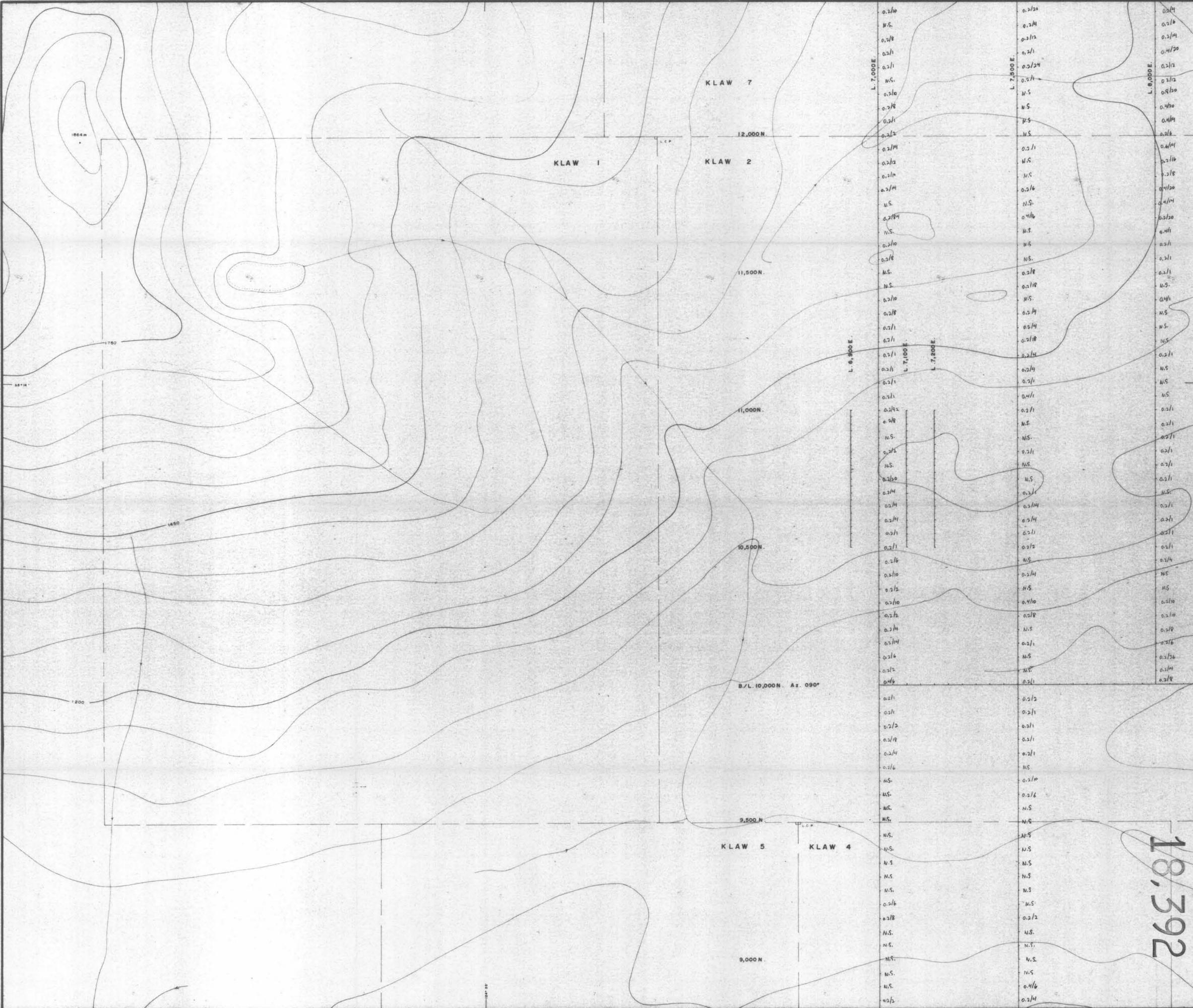
9	8	7
4	5	6
3	2	1



REVISED	CHUCHI LAKE	
	KLAWS CLAIMS	
	SOIL GEOCHEM SURVEY	
	Ag/As (ppm)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: JULY 1988
N.T.S. 35 N. / 2	DRAWN BY: S.K.B.	SCALE: 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 14	OFFICE: PRINCE GEORGE, B.C.	

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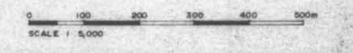




LEGEND

Soil Geochem Survey Ag/As(ppm)

Map Sheet Index		
9	8	7
4	5	6
3	2	1



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REVISED	CHUCHI LAKE	
	Klaw Claims	
	Soil Geochem Survey	
	Ag/As (ppm)	
PROJ. No. 543	SURVEY BY: T.C.	DATE: JULY 1988
DWG. No.	SCALE: 1:5,000	
NORANDA EXPLORATION		
FIG. 15 OFFICE: PRINCE GEORGE, B.C.		



LEGEND

0.24 Soil Geochem Survey Ag/As (ppm)

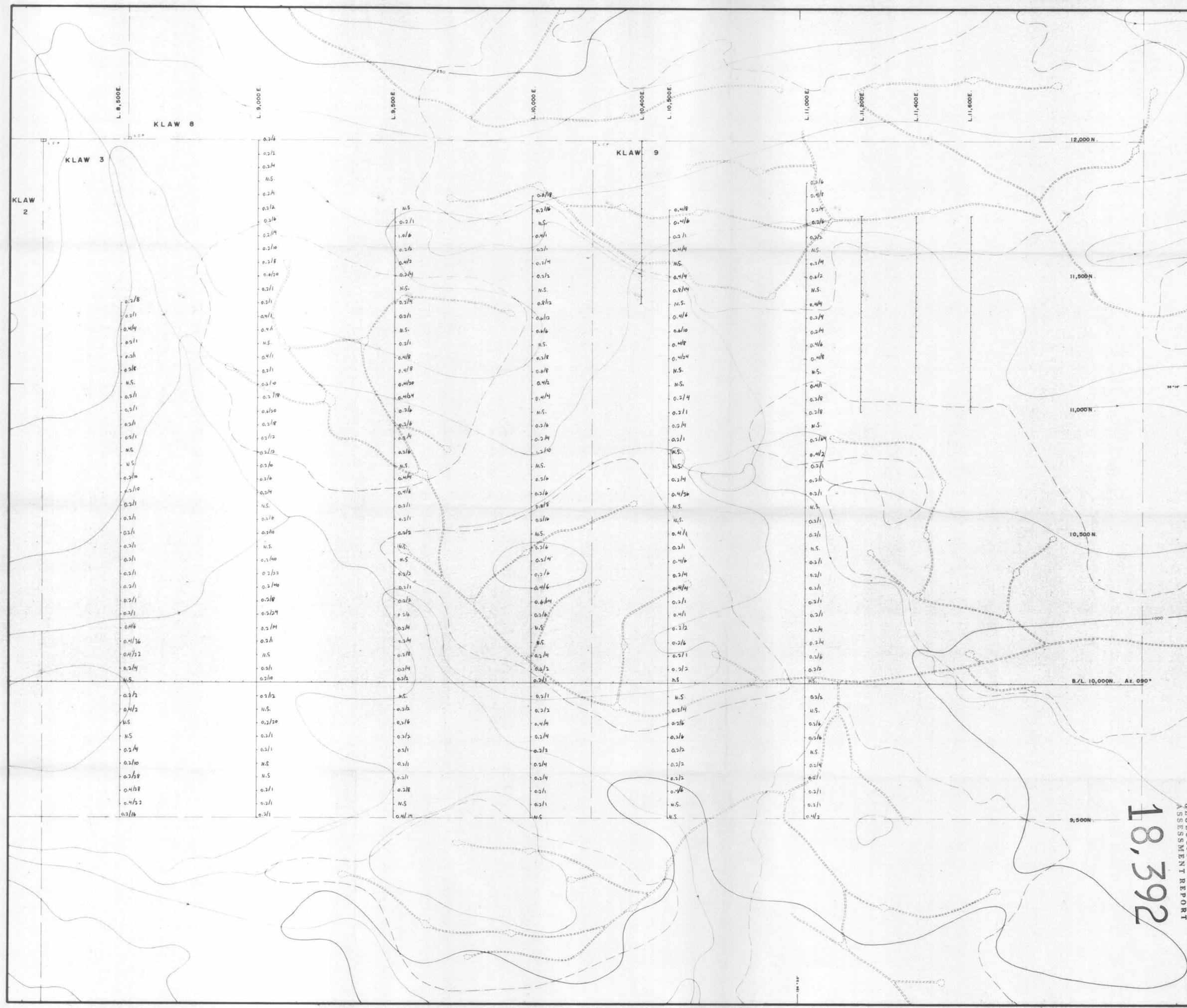
Map Sheet Index
9 8 7
4 5 6
3 2 1

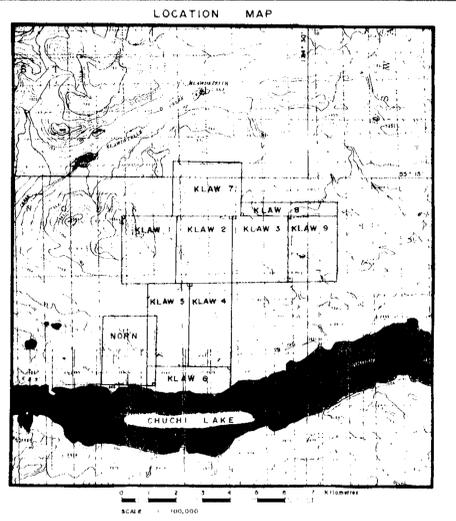
0 100 200 300 400 500
SCALE 1:5,000

REVISED	CHUCHI LAKE	
	Klaw Claims	
	Soil Geochem Survey	
	Ag/As (ppm)	
PROJ. No. 243	SURVEY BY: T.C.	DATE: JULY, 1988
N.T.S. 88/21, 2	DRAWN BY: S.H.B.	SCALE: 1:5,000
DWG. No.	ORANDA EXPLORATION	
FIG. 16	OFFICE: PRINCE GEORGE, B.C.	

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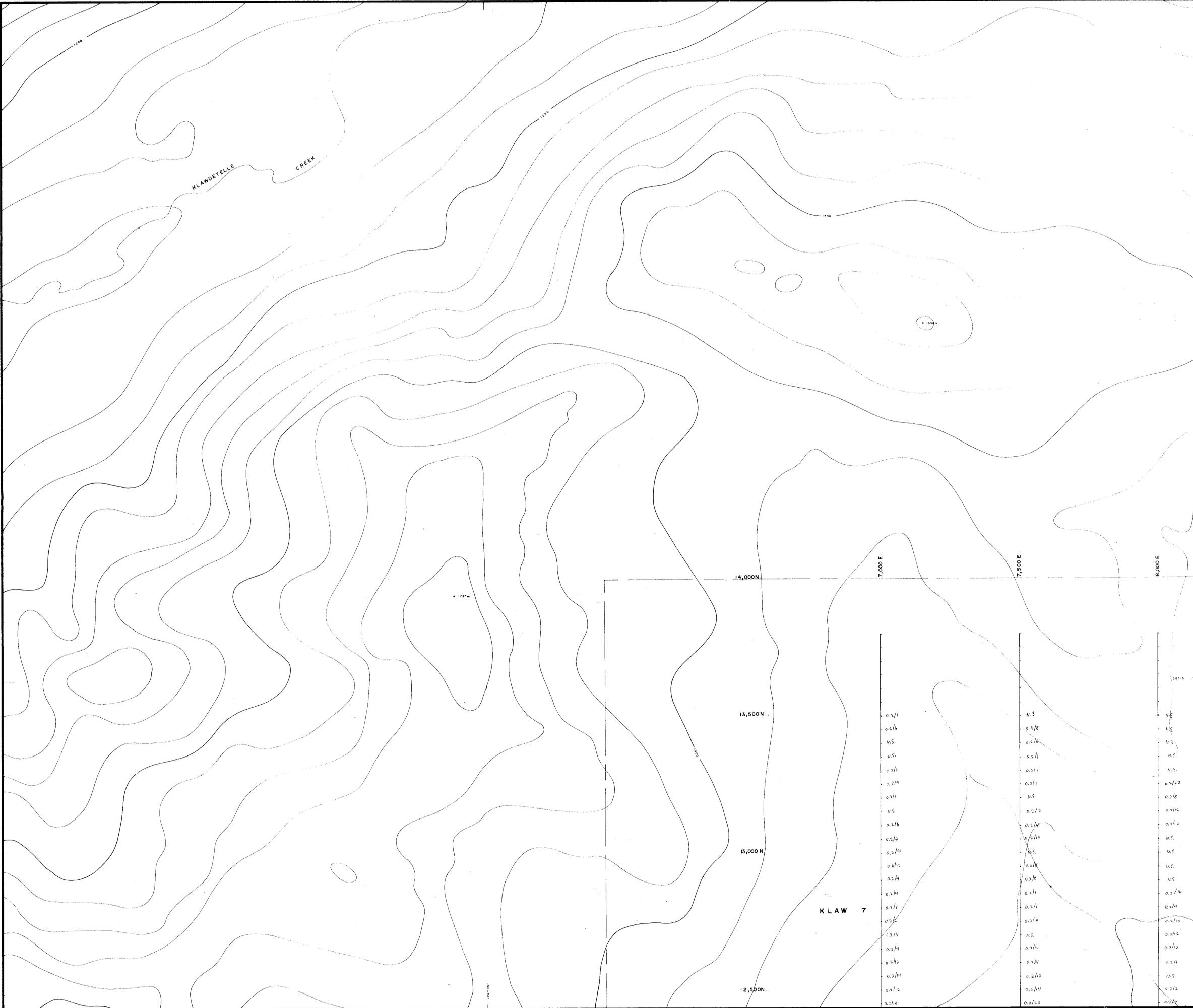
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LEGEND

0.24 Soil Geochem Survey Ag/As(ppm)



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 MINISTRY OF
 ENERGY
 AND
 TECHNICAL SERVICES

Mip	Sheet	Index
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SCALE 1:5,000

REVISED	CHUCHI LAKE	
	KLAW CLAIMS	
	SOIL GEOCHEM SURVEY	
	Ag/As(ppm)	
PROJ. No. 243	SURVEY BY T.C.	DATE JULY, 1988
N.T.S. 93N/22	DRAWN BY S.K.B.	SCALE 1:5,000
DWG. No.	NORANDA EXPLORATION	
FIG. 17	OFFICE PRINCE GEORGE, N.S.	

14,000N	7,000E	7,500E	8,000E
13,500N	0.2/1	0.2/1	N.S.
	0.2/6	0.2/8	N.S.
	N.S.	0.2/6	N.S.
	0.2/4	0.2/1	N.S.
	0.2/4	0.2/5	N.S.
	0.2/4	0.2/1	0.2/2
	0.2/1	N.S.	0.2/8
	N.S.	0.2/2	0.2/2
	0.2/6	0.2/6	N.S.
	0.2/6	0.2/10	N.S.
15,000N	0.2/4	N.S.	N.S.
	0.2/12	0.2/8	N.S.
	0.2/4	0.2/8	N.S.
	0.2/1	0.2/1	0.2/6
	0.2/1	0.2/1	0.2/4
	0.2/1	0.2/10	0.2/10
	0.2/4	N.S.	0.2/2
	0.2/4	0.2/10	0.2/1
	0.2/2	0.2/10	0.2/1
	0.2/4	0.2/12	N.S.
	0.2/4	0.2/4	0.2/2
12,500N	0.2/12	0.2/4	0.2/2
	0.2/10	0.2/8	0.2/8