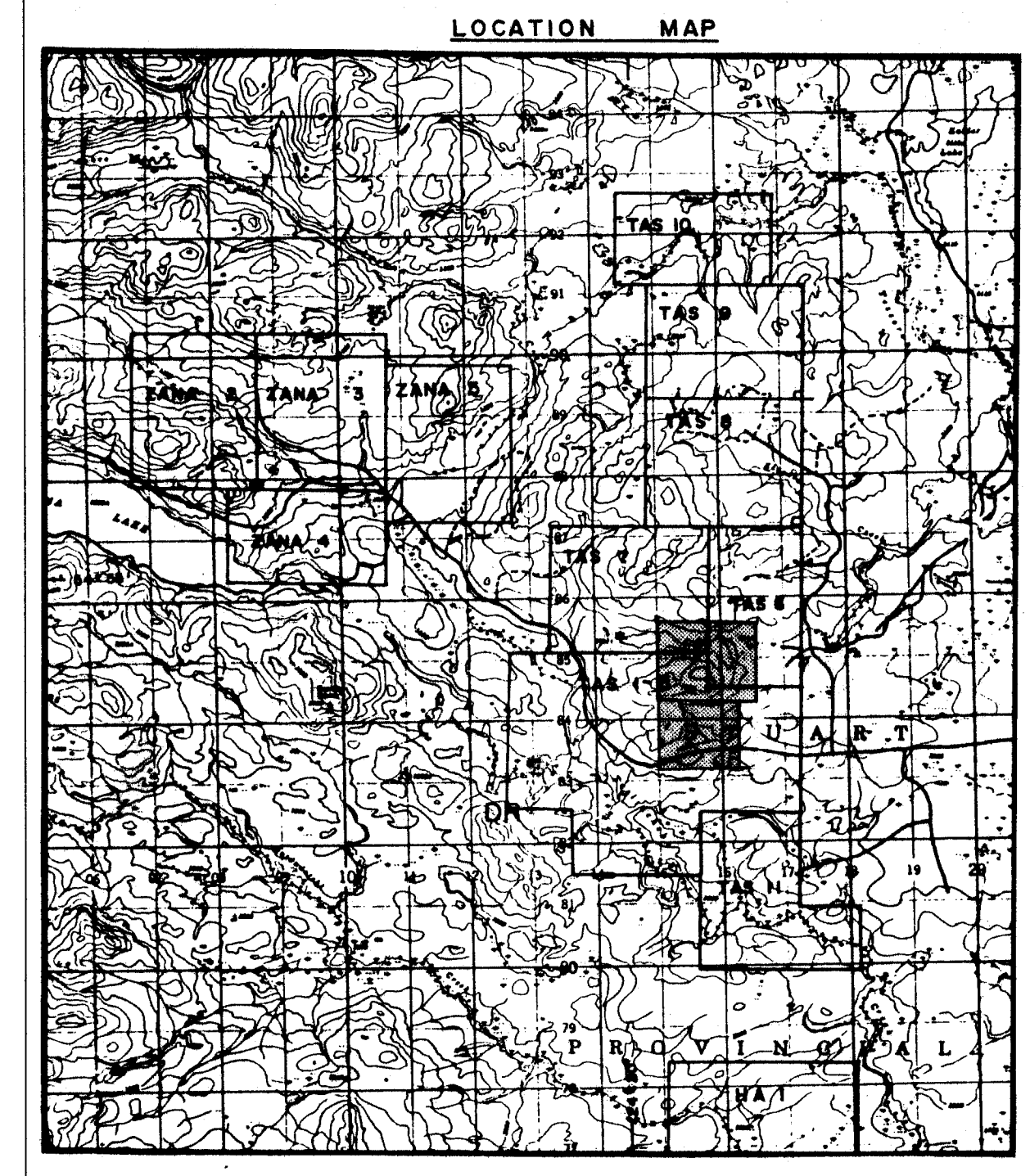


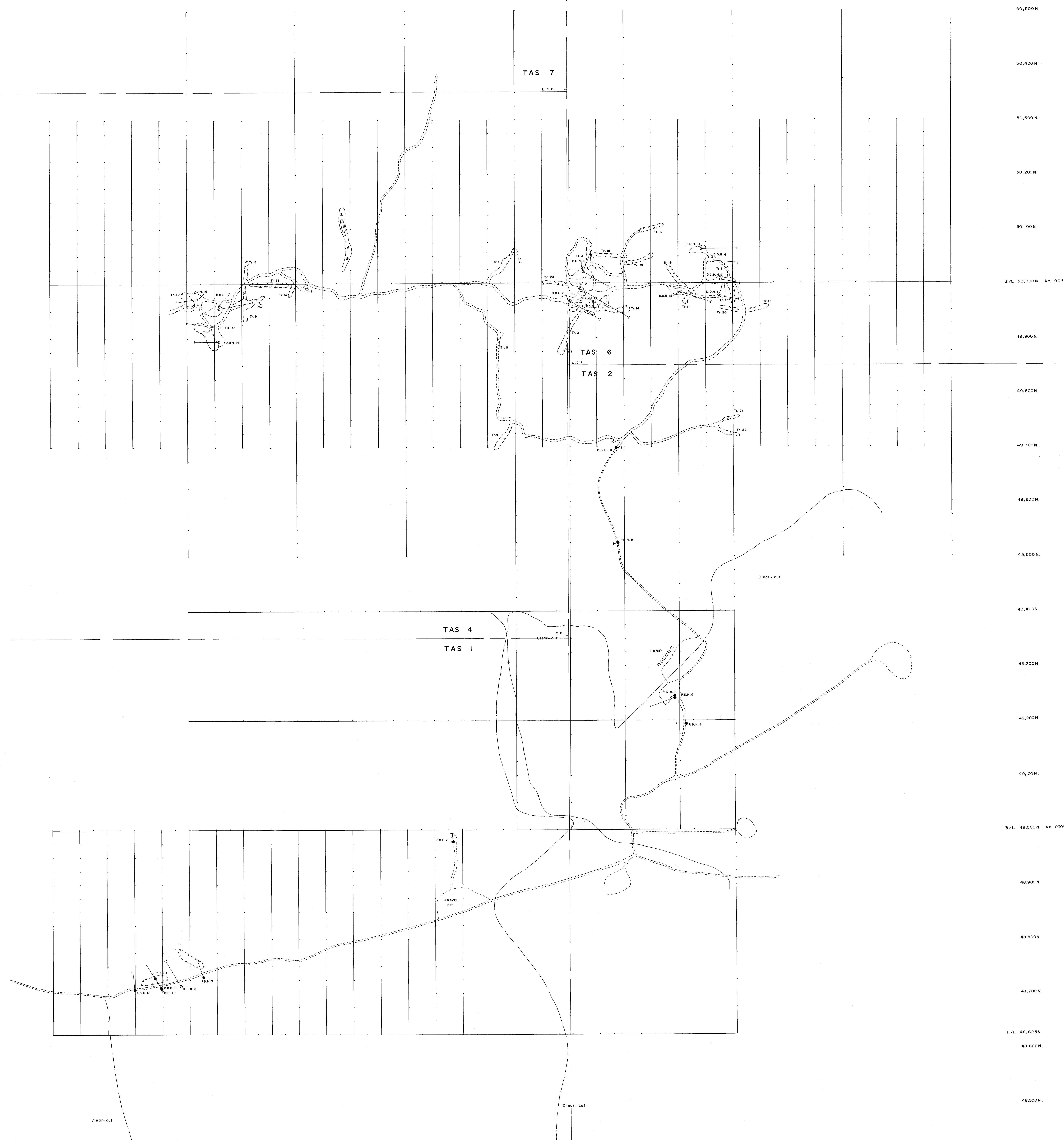
L 48,750E L 48,800E L 48,850E L 48,900E L 48,950E L 49,000E L 49,050E L 49,100E L 49,150E L 49,200E L 49,250E L 49,300E L 49,350E L 49,400E L 49,450E L 49,500E L 49,550E L 49,600E L 49,650E L 49,700E L 49,750E L 49,800E L 49,850E L 49,900E L 49,950E L 50,000E L 50,050E L 50,100E L 50,150E L 50,200E L 50,250E L 50,300E L 50,350E L 50,400E



SCALE: 1:100,000

LEGEND

- Car Road
- Cat Trench
- Lake
- Swamp area
- Area of clear-cut
- D.D.H. Location
- P.D.H. Location (Percussion Drill Holes)
- L.C.P. and Claim Boundary Location



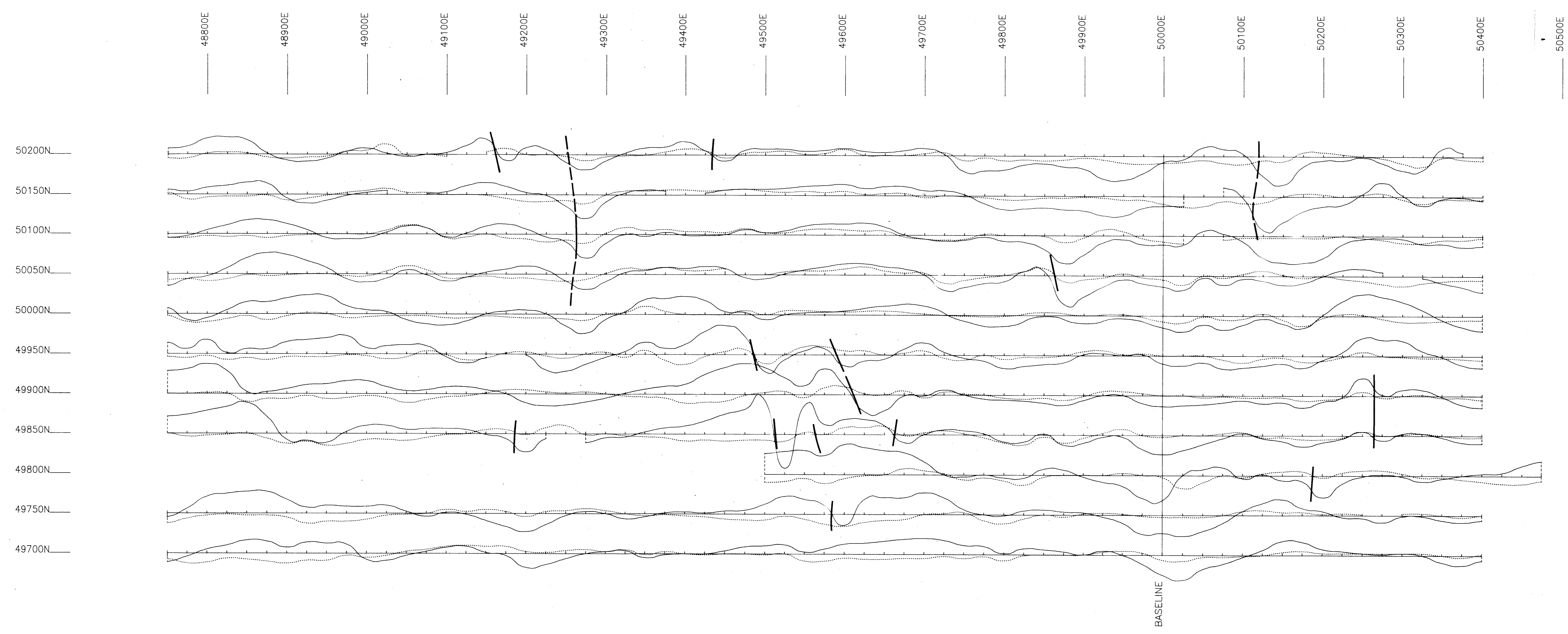
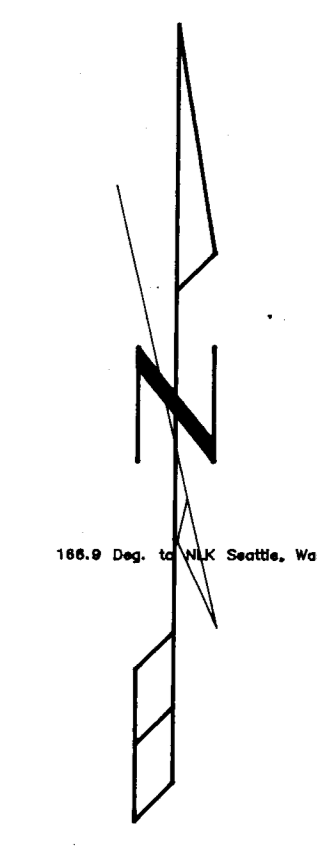
50,500N
50,400N
50,300N
50,200N
50,100N
B/L 50,000N Az 90°
49,900N
49,800N
49,700N
49,600N
49,500N
49,400N
49,300N
49,200N
49,100N
B/L 49,000N Az 090°
48,900N
48,800N
48,700N
T/L 48,625N
48,600N
48,500N

GEOLOGICAL BRANCH
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0 50 100 150 200 metres
SCALE: 1:2,500

REVISED	TAS PROJECT	
	PLAN OF 1987 D.D.H.'s AND TRENCHES	
PROJ. No. 271	SURVEY BY: S.M.	DATE: SEPT. 1987
NTS. 33K/18	DRAWN BY: S.K.B.	SCALE: 1:2,500
DWG. No.	NORANDA EXPLORATION	
MAP 19	OFFICE: PRINCE GEORGE, B.C.	



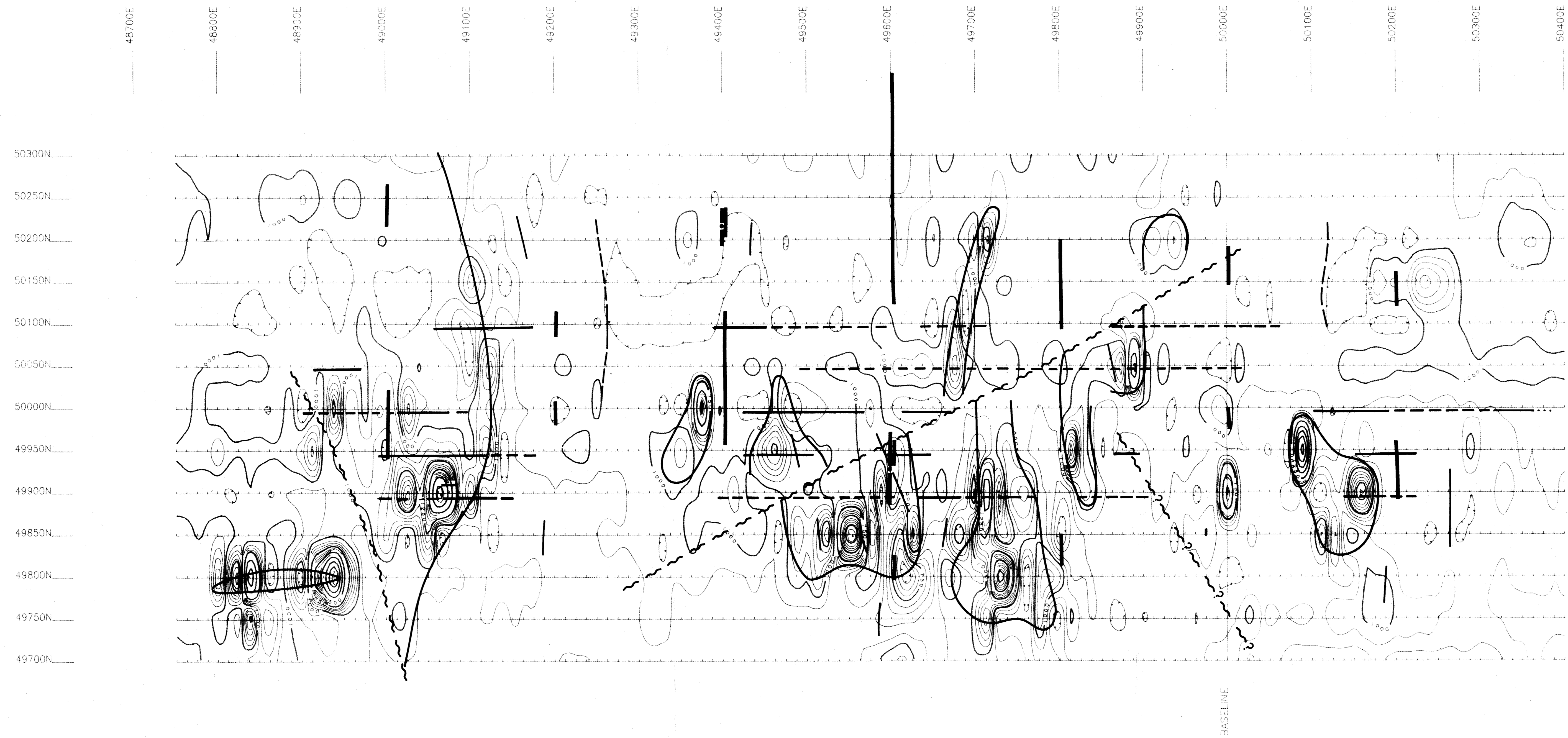
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Instrument : EM-16
Vertical Scale: 1 cm = 20X
Tx Location : NLK Seattle, Wash.
Contour Interval :
In-phase :
Quadrature :
Conductor Axis :

TAS PROJECT
VLF-EM SURVEY
RIDGE ZONE PROJECT # : 271
BASELINE AZIMUTH : 0 Deg.
SCALE = 1: 2500 DATE : 7/20/87
SURVEY BY : GM NTS : 93K/16
FILE: V271TAS FREQ.: 24.8 KHz.
NORANDA EXPLORATION

MAP 18



LEGEND

- Magnetic Contacts
- P.F.E. Anomalies
- Resistivity
- Magnetic Breaks

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

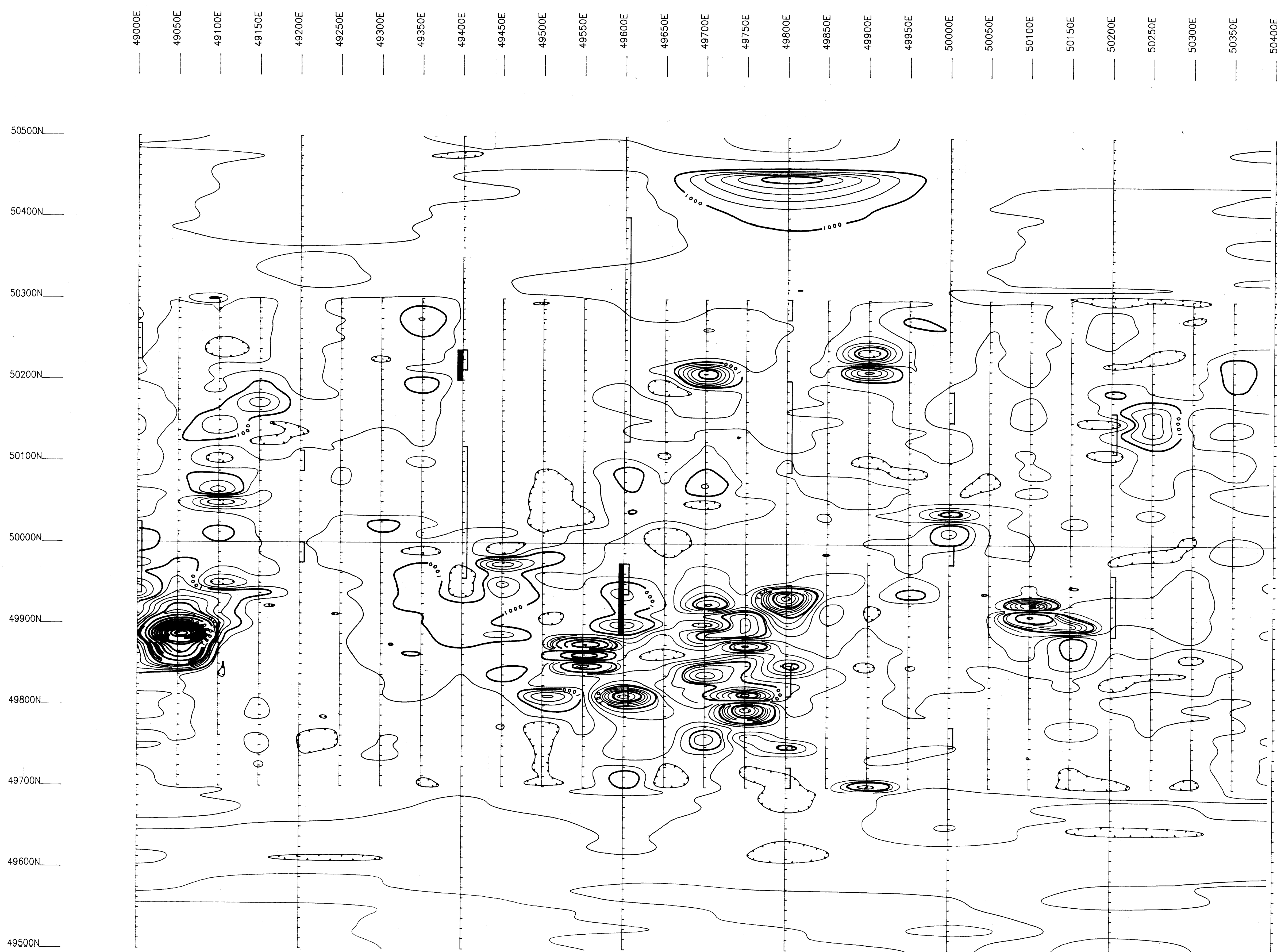
17,234

Instrument	: MP-3
Field	: TOTAL
Datum	: 57000.0 nT
Contour Interval	: 50 nT
Conductor Axis	:

TAS PROJECT

MAGNETOMETER SURVEY
(UNFILTERED CONTOUR PRESENTATION)
E.W. RIDGE ZONE PROJECT # : 271
BASELINE AZIMUTH : 0 Deg.

SCALE = 1: 2500 DATE : 7/13/87
SURVEY BY : TL NTS : 93K/16
FILE: M271RID
NORANDA EXPLORATION



BASELINE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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LEGEND

- PEE Anomaly
- Resistivity Anomaly

Instrument	: 305140.
Field	: TOTAL
Datum	: 55500.0 nT
Contour Interval	: 50 nT
(2 passes through a 9 pt. Hanning Filter.)	
(2 passes through a 3 pt. Hanning Filter.)	
Conductor Axis	:



TAS PROJECT	
MAGNETOMETER SURVEY	
(FILTERED CONTOUR PRESENTATION)	
N.S. RIDGE ZONE PROJECT # : 271	
BASELINE AZIMUTH : 90 Deg.	
SCALE = 1: 2500	DATE : 4/21/87
SURVEY BY :	NTS :
FILE: M271RID	
MAP 16	NORANDA EXPLORATION

50,400 N

50,350 N

50,300 N

50,250 N

50,200 N

50,150 N

50,100 N

50,050 N

B/L 50,000N A2 090°

49,950 N

49,900 N

49,850 N

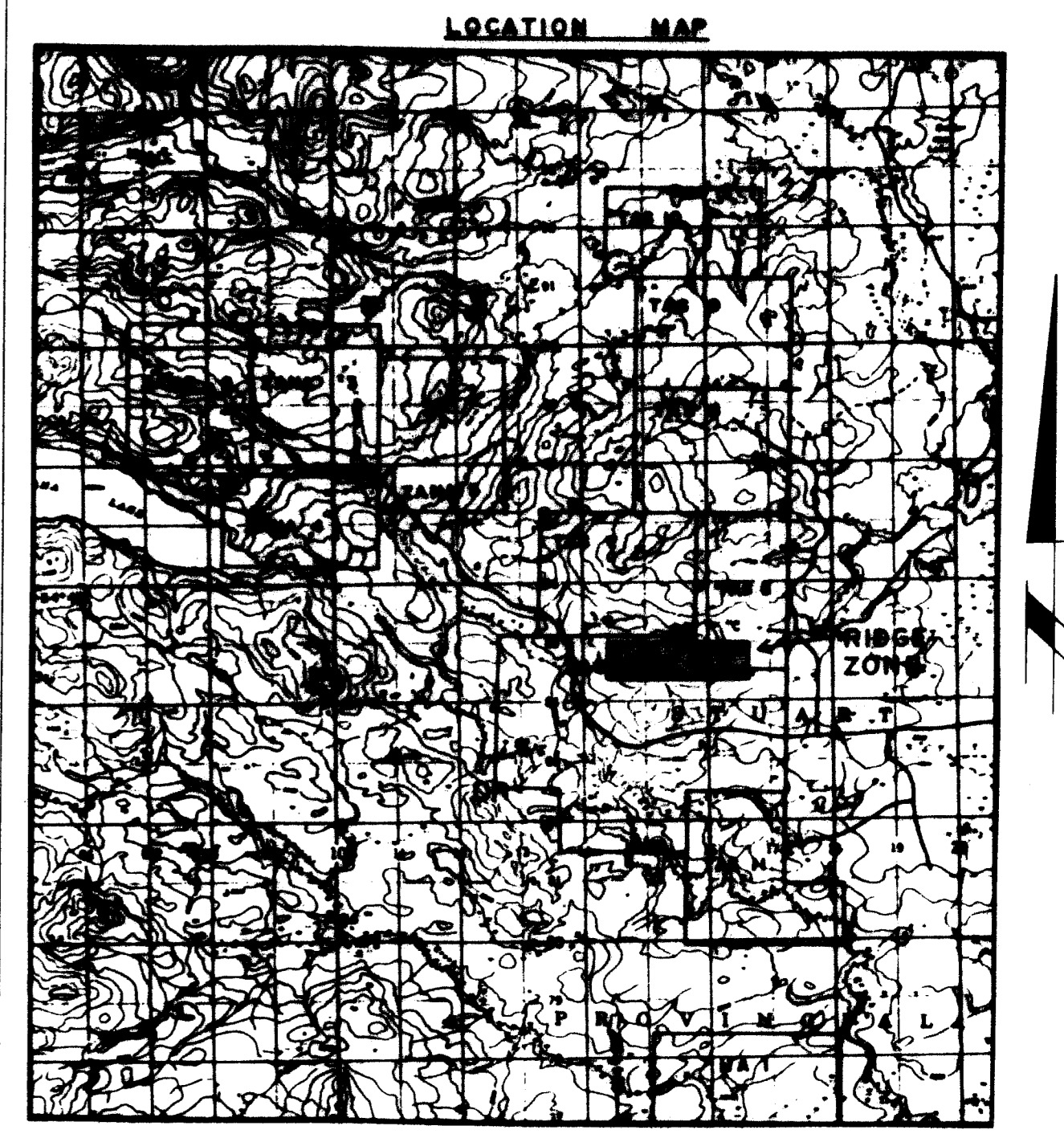
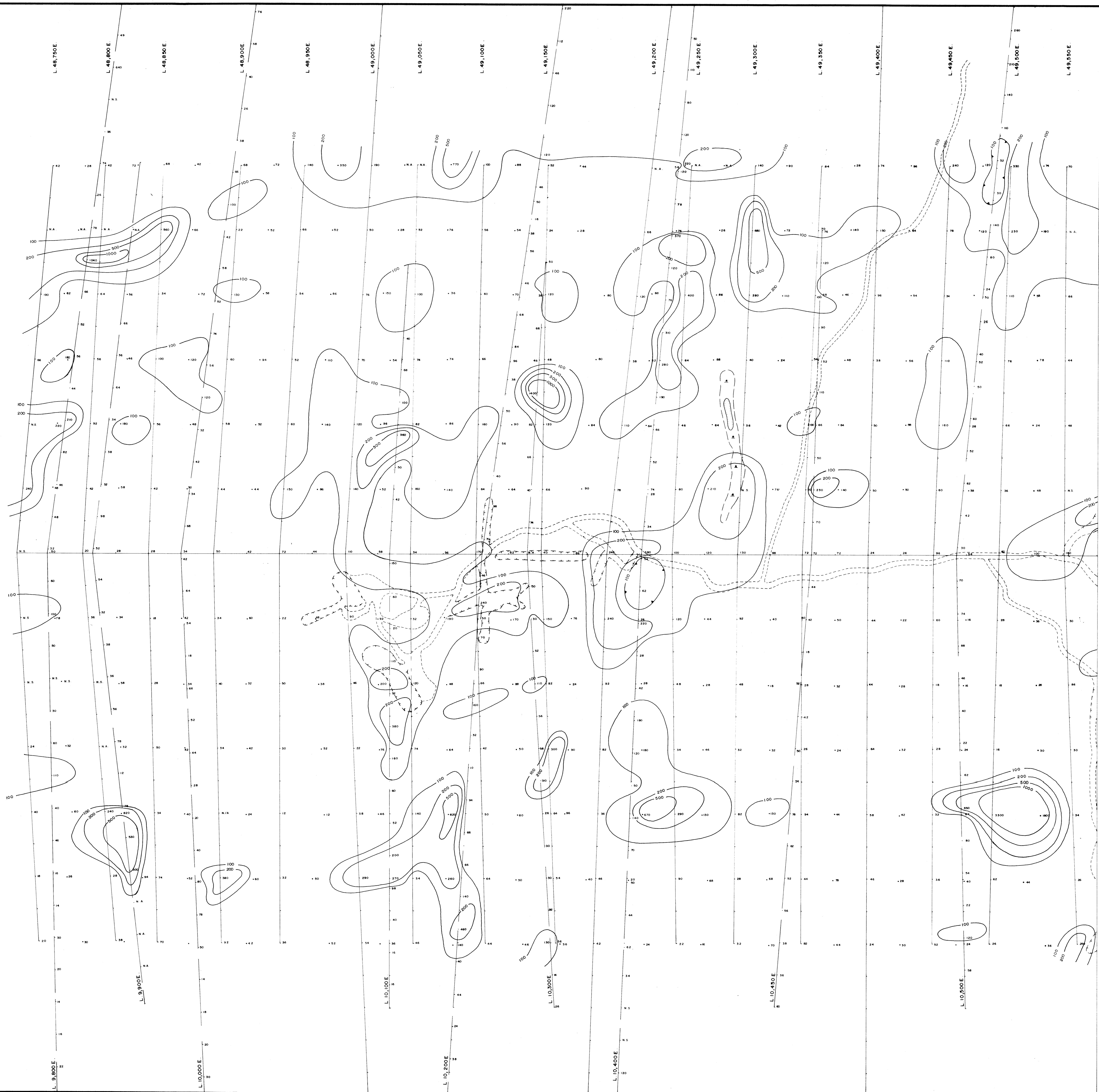
49,800 N

49,750 N

49,700 N

49,650 N

49,600 N



LEGEND

- Soil sample location Cu (ppm)
- Cu contour interval 100, 200, 500, 1000 (ppm)

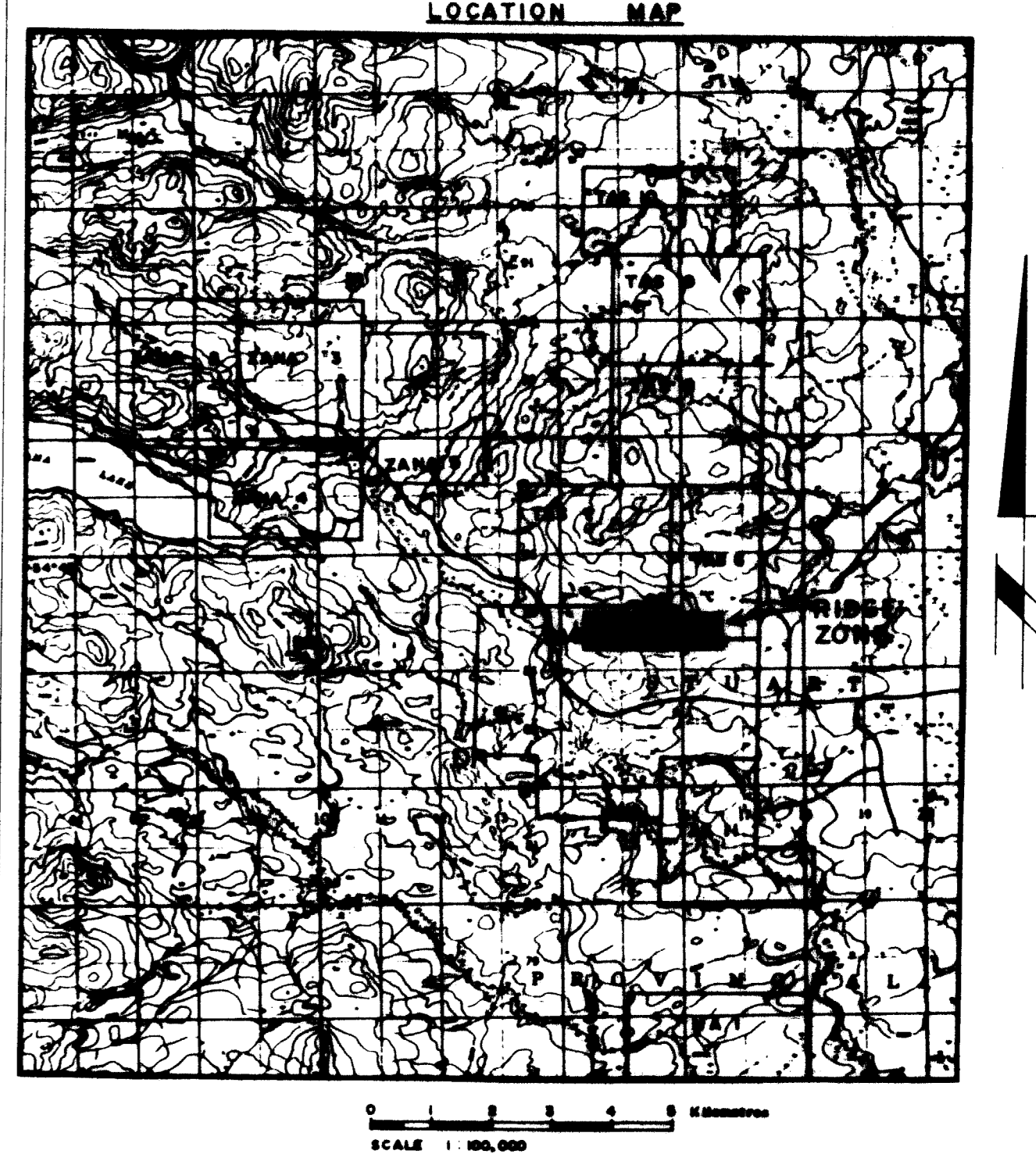
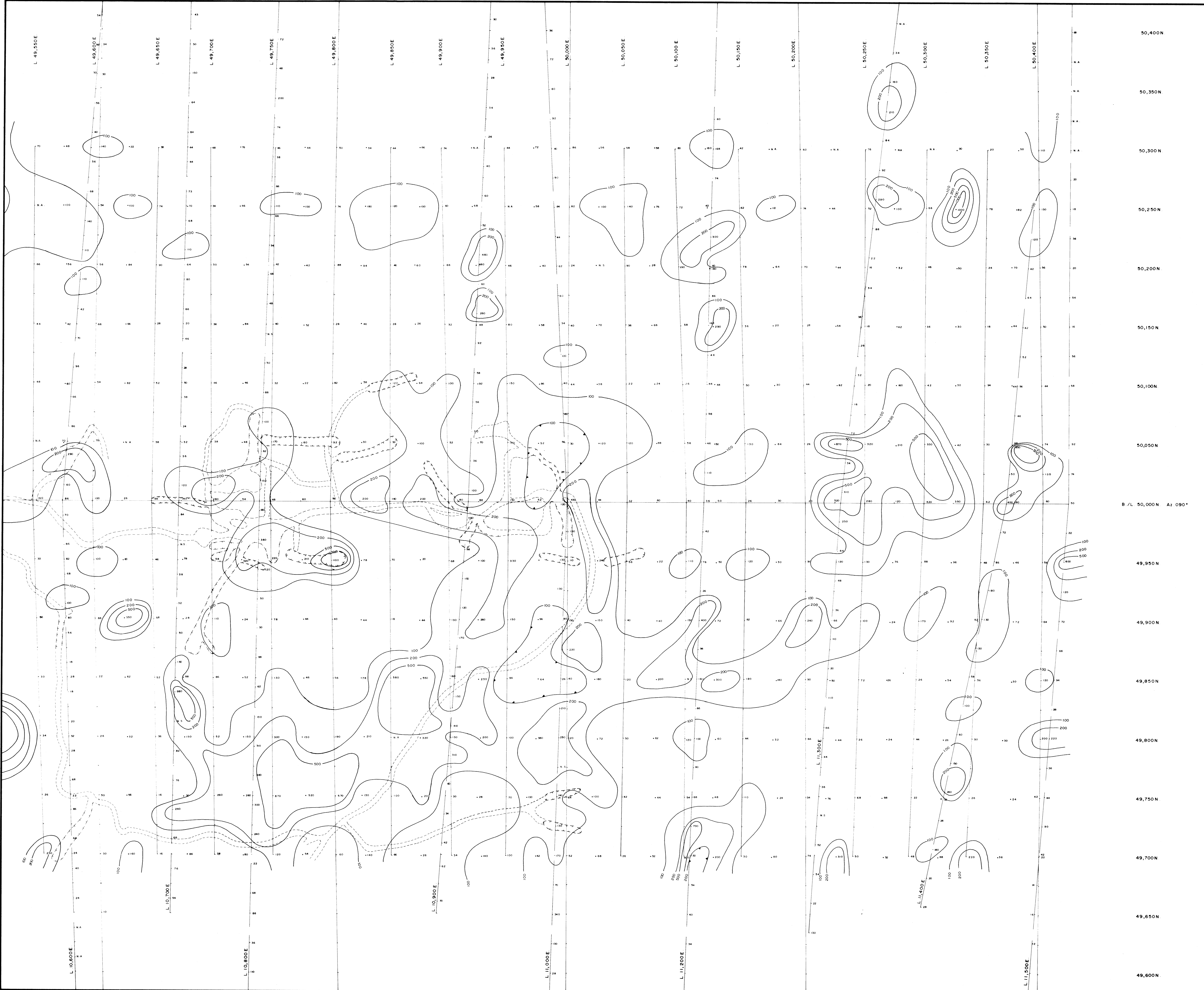
GEOLOGICAL BRANCH
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Map Sheet Index
1 2

0 10 20 30 40 50 60 70 meters
SCALE 1:10,000

REVISED	TAS PROJECT	
	RIDGE ZONE	
	SOIL GEOCHEM SURVEY	
	Cu (ppm) CONTOURED	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JULY, 1987
N.T.S. 52K/H	DRAWN BY: S.K.B.	SCALE: 1:10,000
DWG. No.	NORANDA EXPLORATION	
MAP 15	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

- Soil sample location Cu (ppm)
- Cu contour interval 100, 200, 500, 1000 (ppm)

B/L 50,000E Az 090°

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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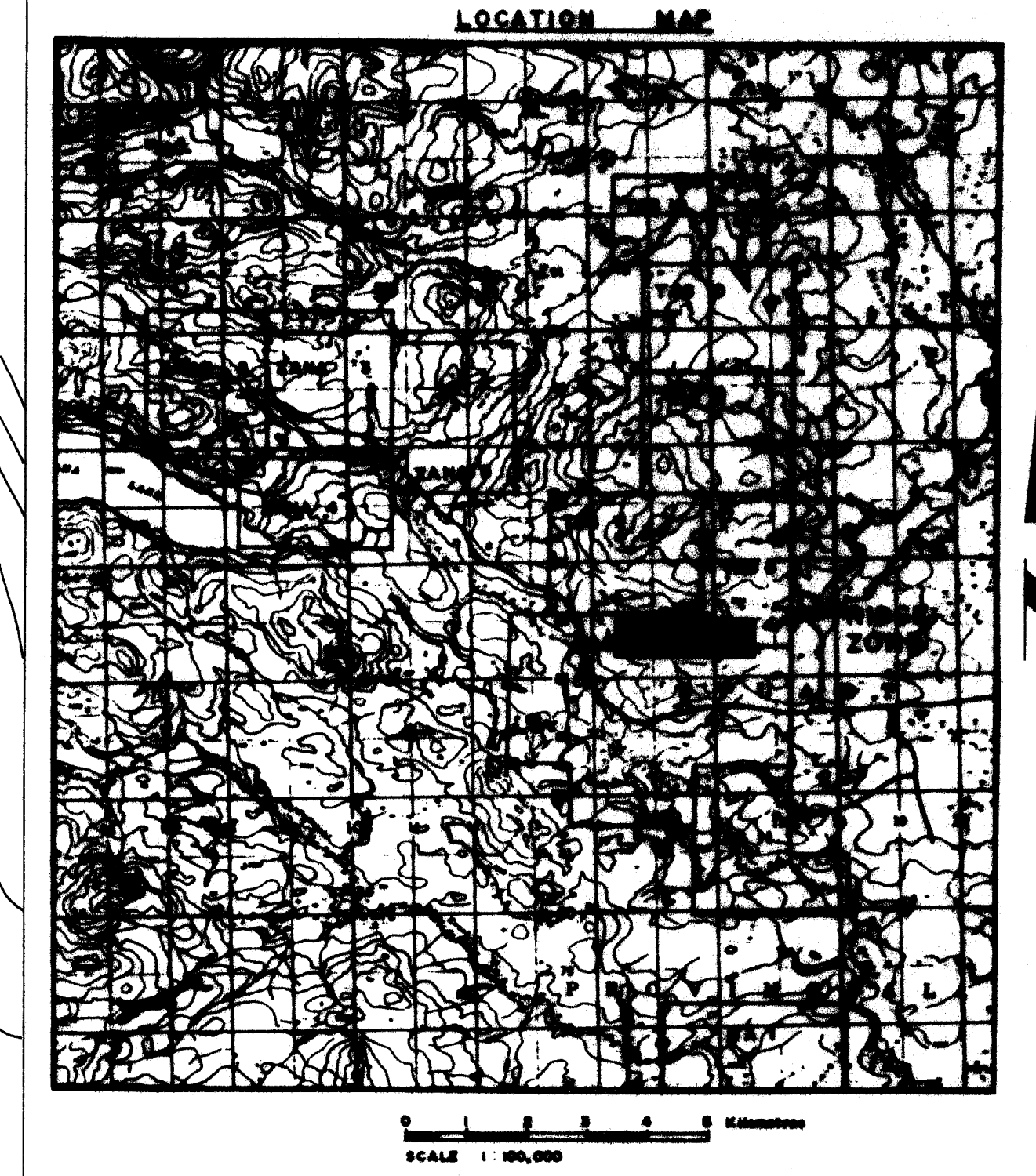
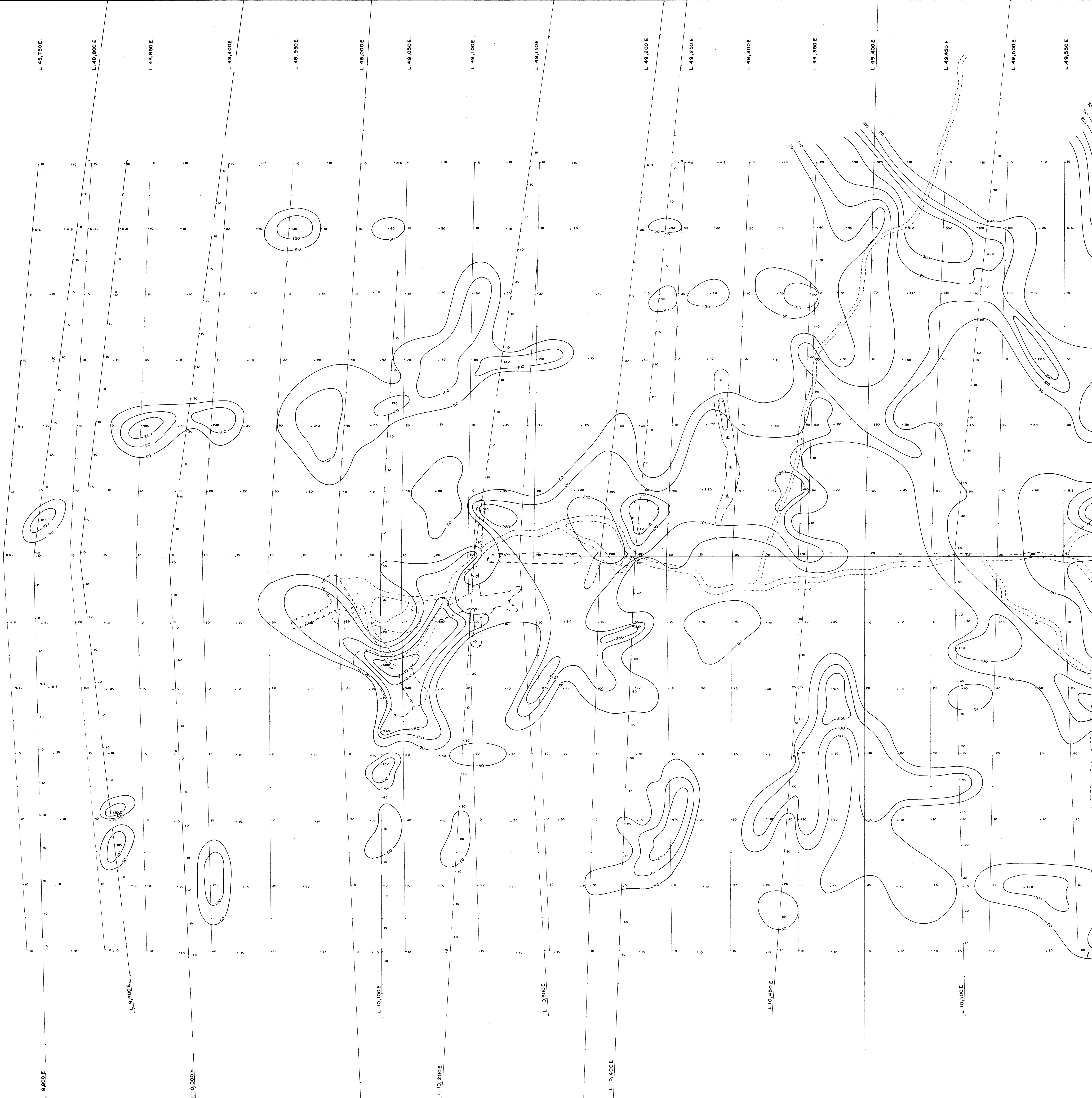
Map Sheet Index

1	2
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0 10 20 30 40 50 60 70 meters
SCALE 1:1000

REVISED	TAS PROJECT	
	RIDGE ZONE	
	SOIL GEOCHEM SURVEY	
	Cu (ppm) CONTOURED	
PROJ No. 271	SURVEY BY: G.M.	DATE: JULY 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:1000
DWG No.	NORANDA EXPLORATION	
MAP 14	OFFICE: PRINCE GEORGE, B.C.	

50,400 N
 50,350 N
 50,300 N
 50,250 N
 50,200 N
 50,150 N
 50,100 N
 50,050 N
 B/L 50,000 N A1 0 90°
 49,950 N
 49,900 N
 49,850 N
 49,800 N
 49,750 N
 49,700 N
 49,650 N
 49,600 N



LEGEND

- S.S. Soil sample location Au (ppb)
- Au contour Interval 50, 100, 250, 500, 1000 (ppb)

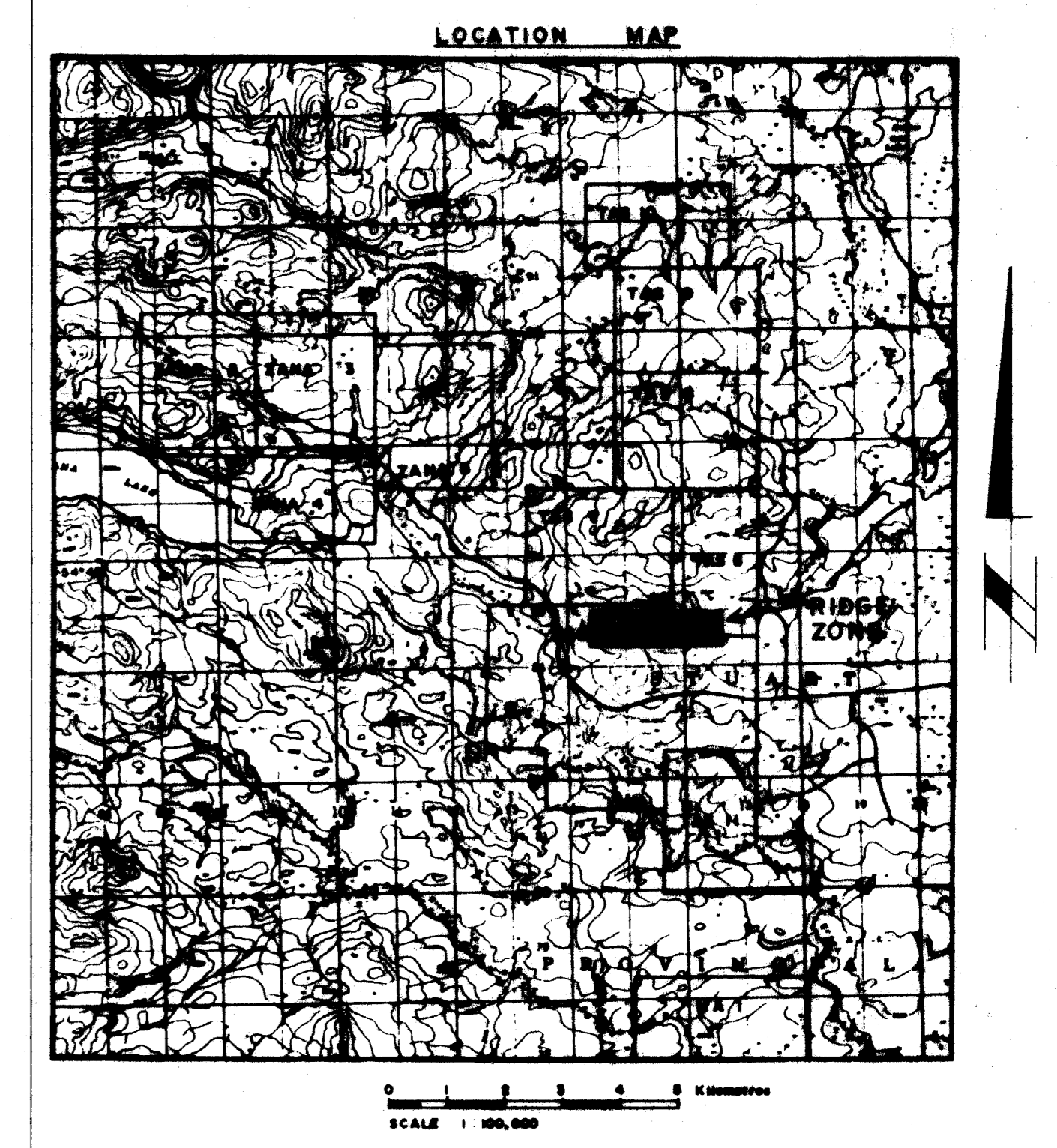
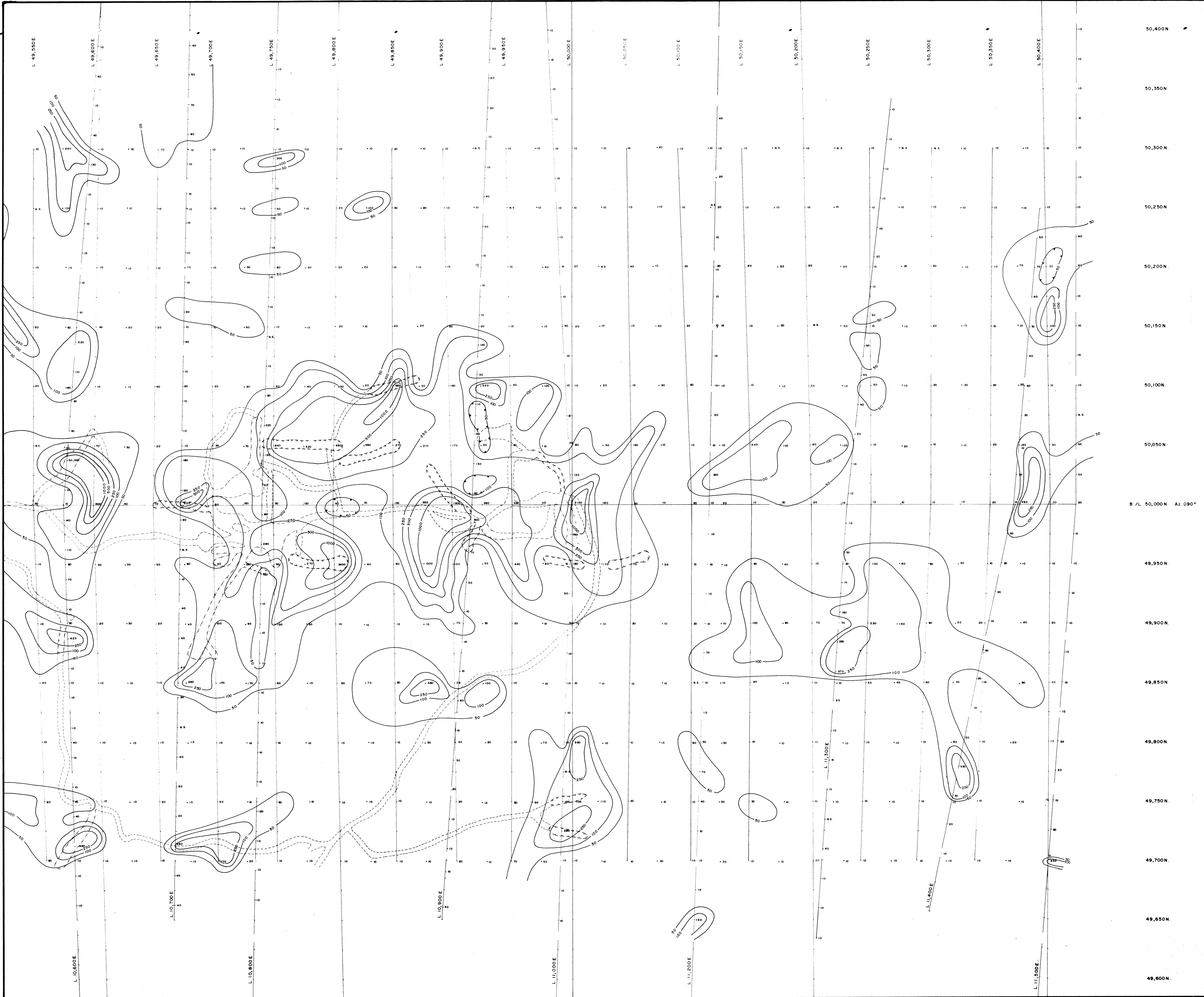
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1	2

0 10 20 30 40 50 60 70 meters
 SCALE 1:1,000

REVISED	TAS PROJECT	
	RIDGE ZONE	
	SOIL GEOCHEM SURVEY	
	Au (ppb) CONTOURED	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JULY, 1987
N.T.S. 93K/86	DRAWN BY: S.K.B.	SCALE: 1:1,000
DWS. No.	NORANDA EXPLORATION	
MAP 13	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

- Soil sample location Au (ppb)
- Au contour interval 50, 100, 250, 500, ≥1000 (ppb)

B/L 50,000N Az 090°

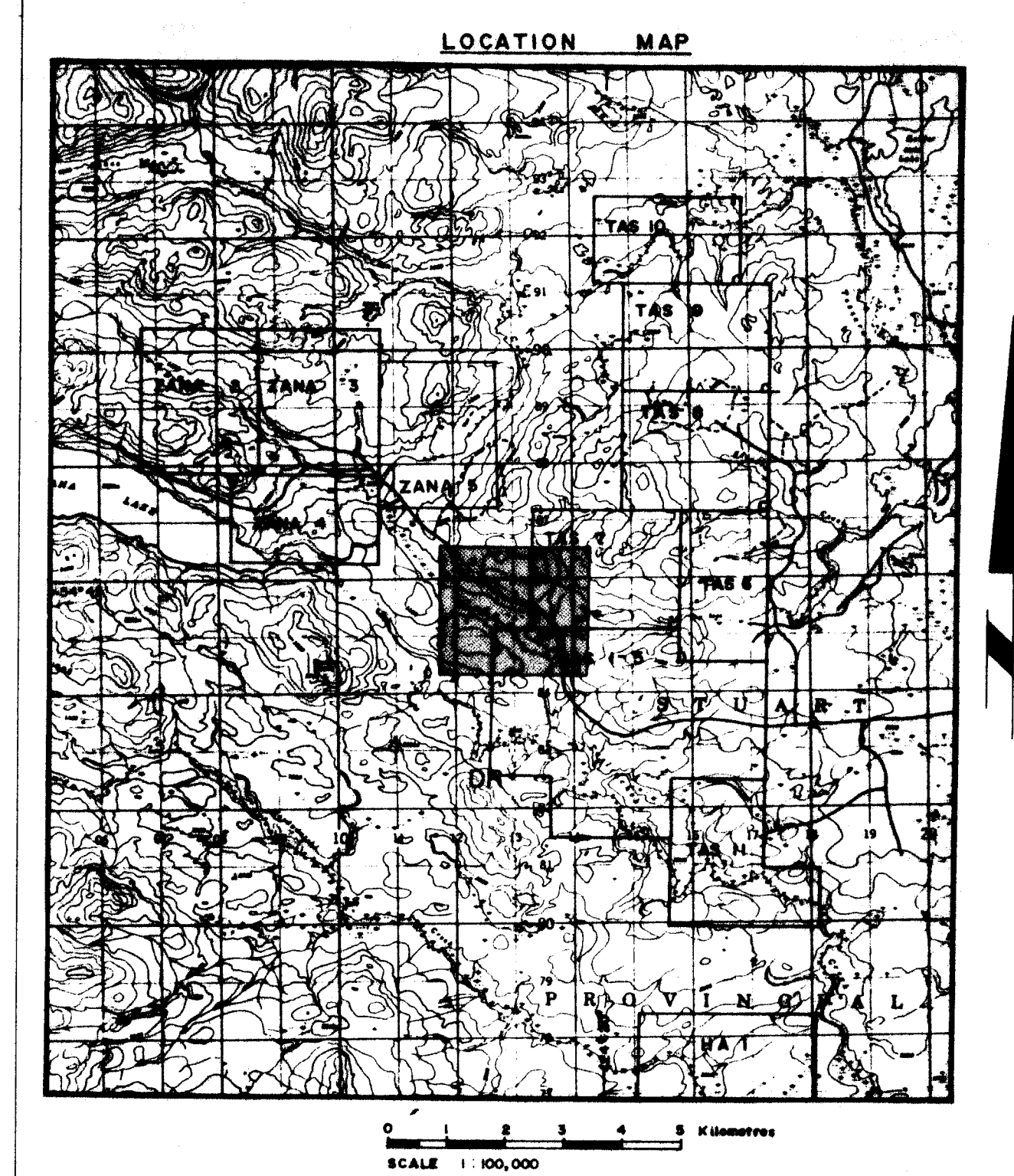
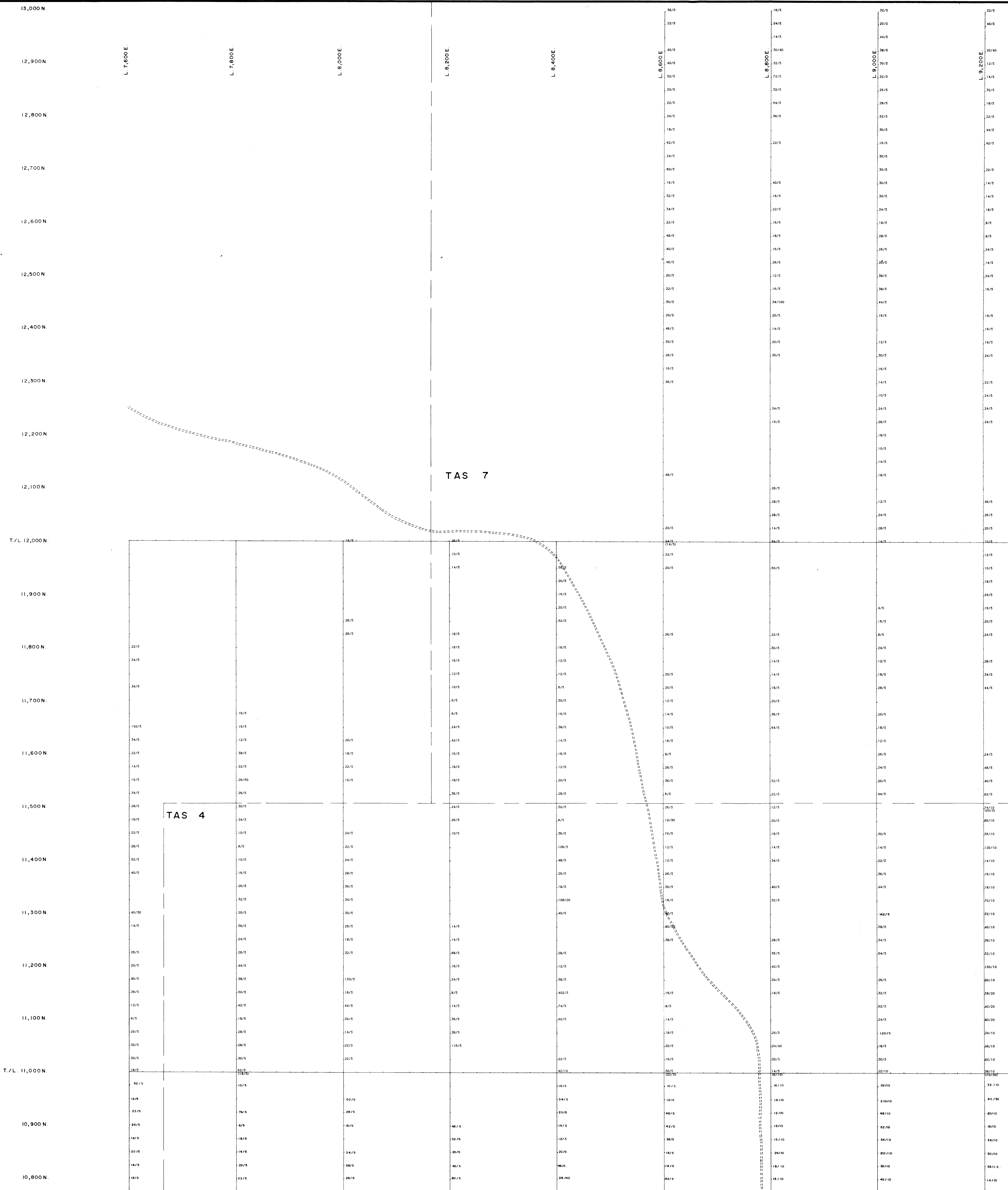
GEOLOGICAL BRANCH ASSESSMENT REPORT

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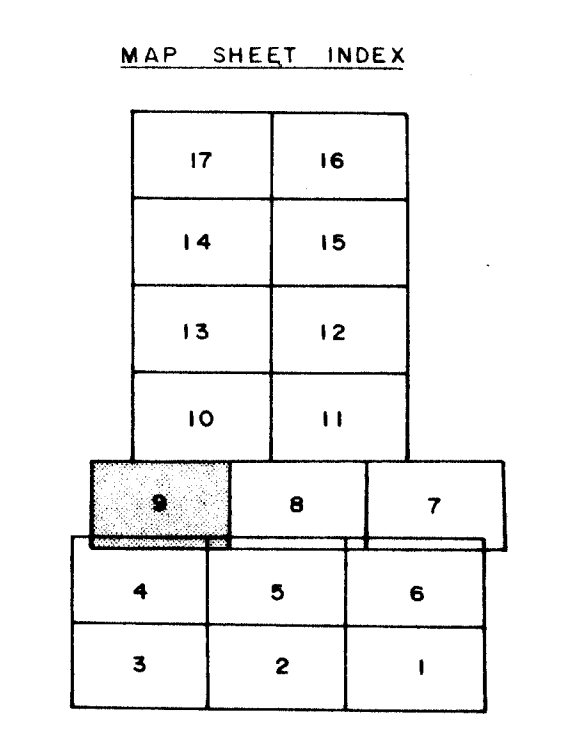
Map Sheet 1066
1 2

SCALE 1:1000

REVISED	TAS PROJECT	
	RIDGE ZONE	
	SOIL GEOCHEM SURVEY	
	Au (ppb) CONTOURED	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JULY, 1987
NTS: 33X/18	DRAWN BY: A.S.R.	SCALE: 1:1000
DWG. No.	NORANDA EXPLORATION	
MAP 12	OFFICE: PRINCE GEORGE, B.C.	

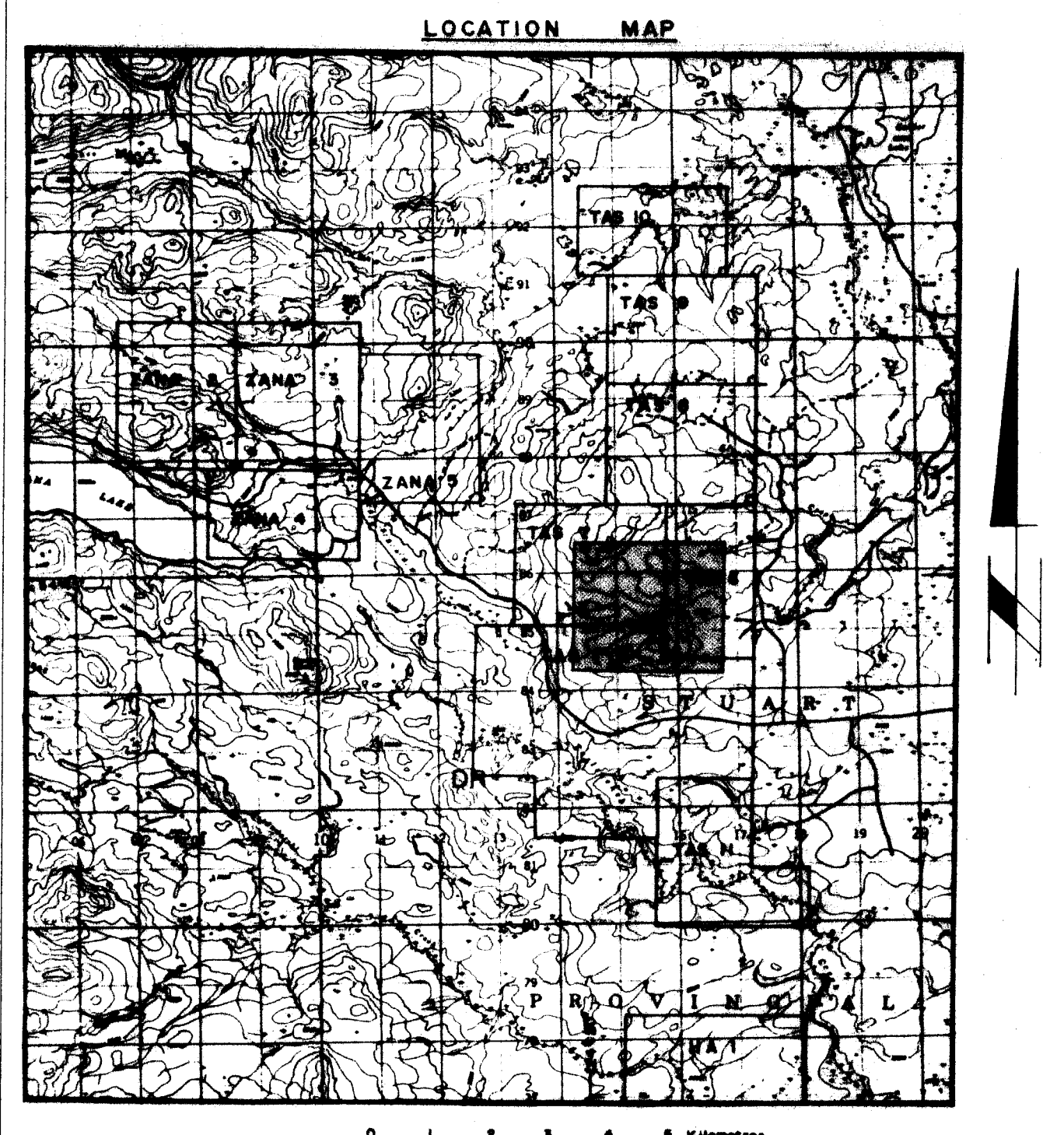
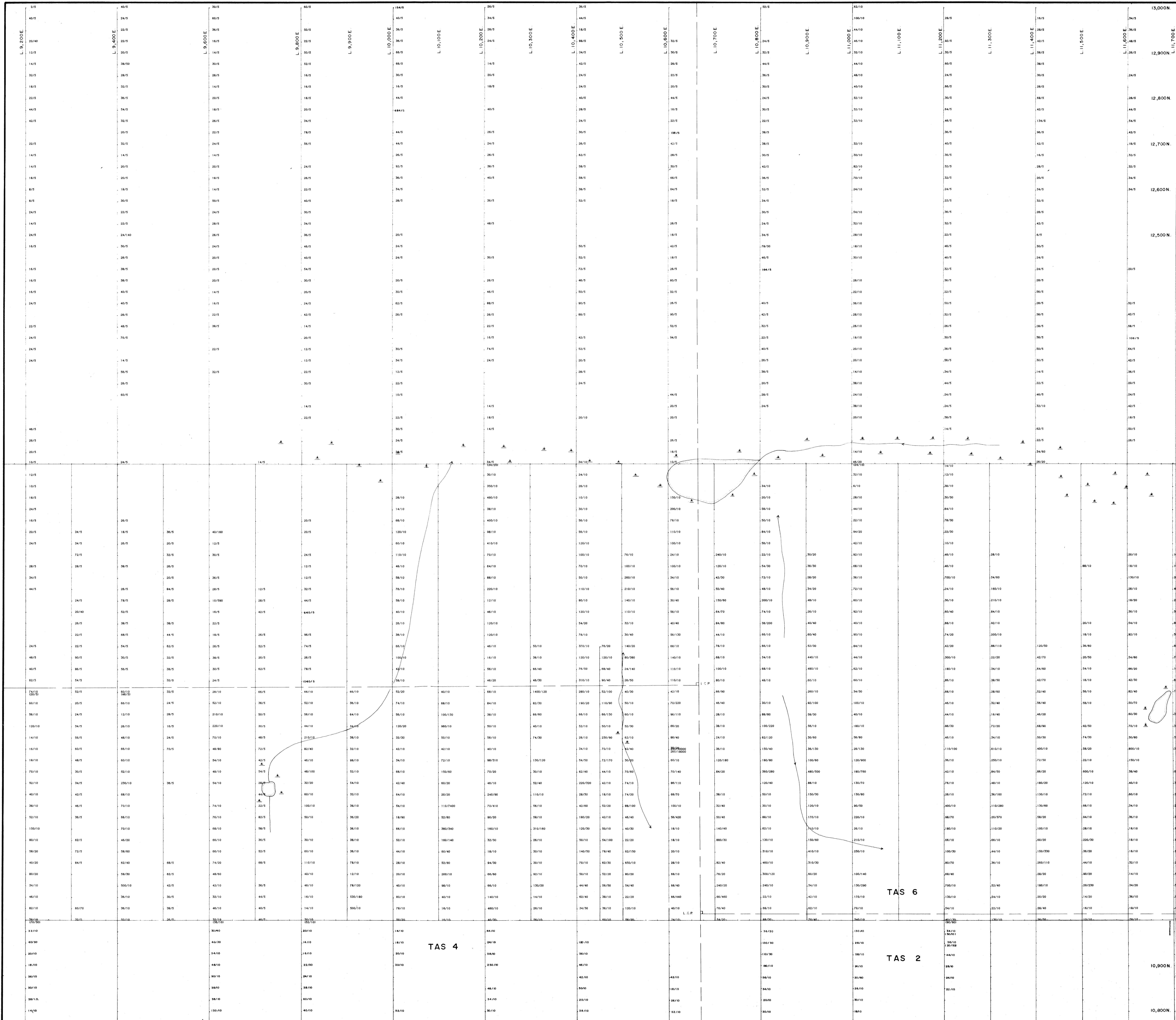


GEOLOGICAL BRANCH
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SCALE 1:2,000

REVISED	TAS PROJECT	
	SOIL GEOCHEMISTRY CU IN PPM / AU IN PPB	
PROJ. No. 271	SURVEY BY: S.K.B.	DATE: 2500
NTS. 33K/16	DRAWN BY: S.K.B.	SCALE: 1:2500
DWG. No.	NORANDA EXPLORATION	
MAP 11	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

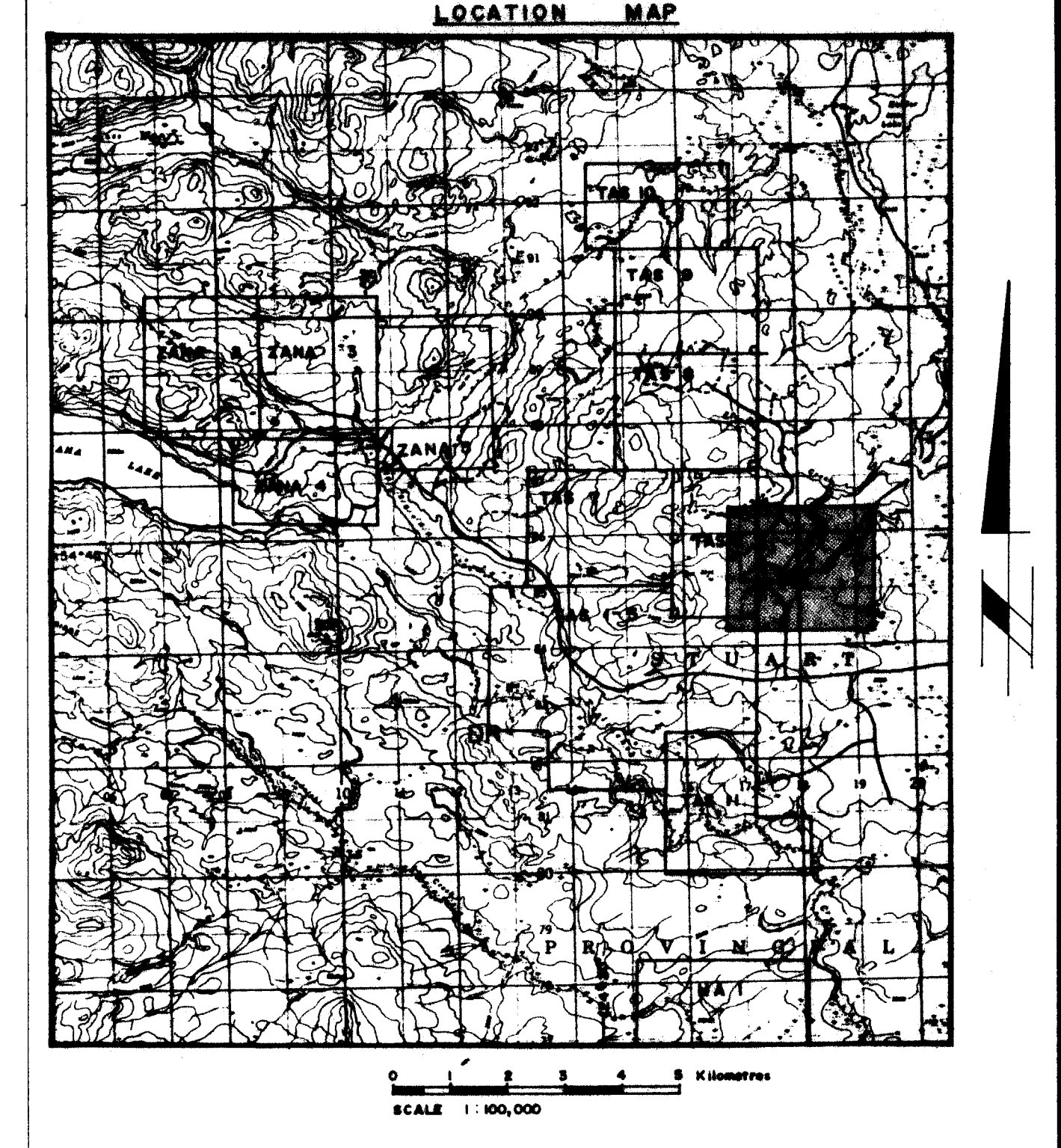
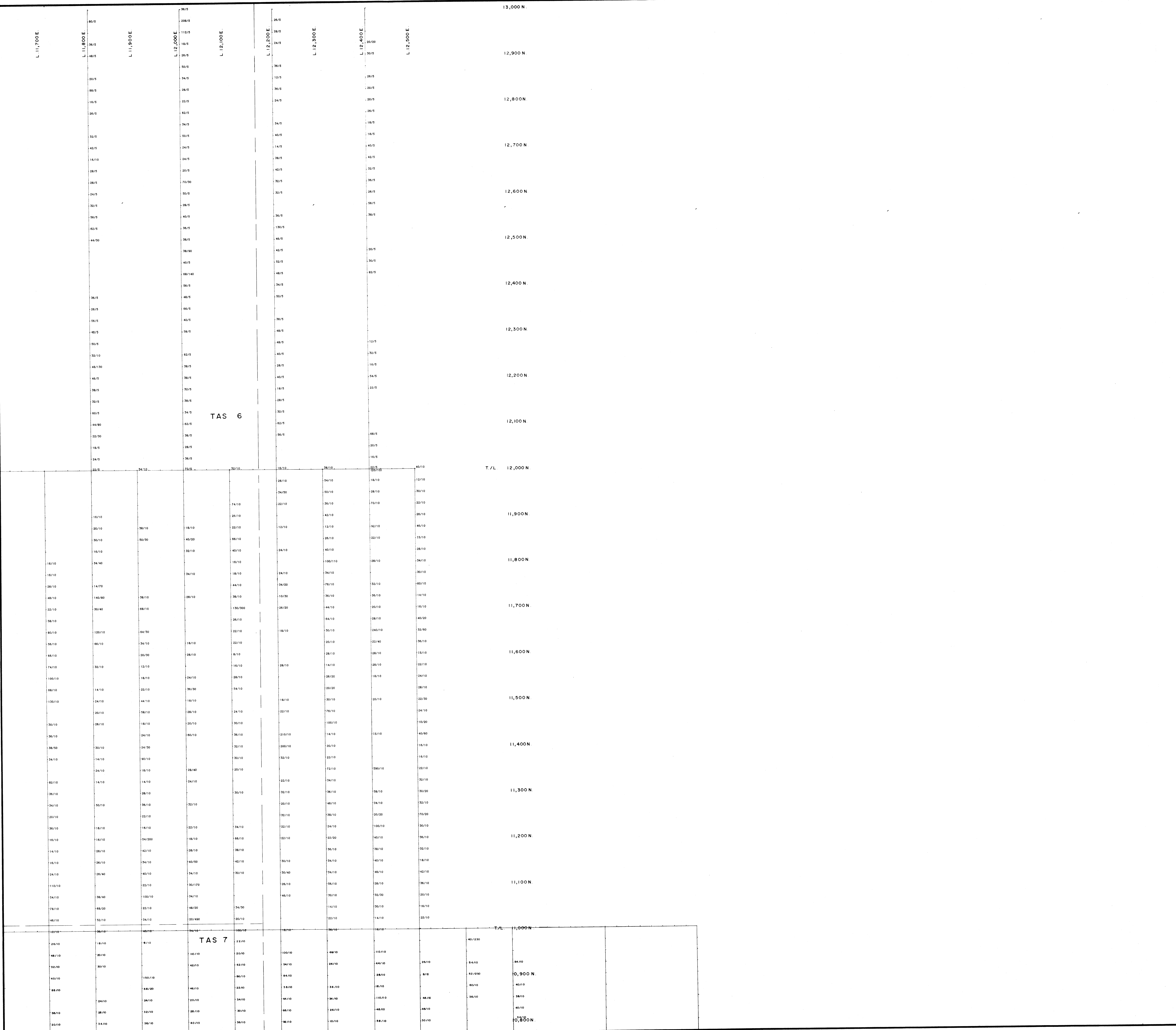
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14	15
13	12
10	11
9	8
4	5
3	2
1	6

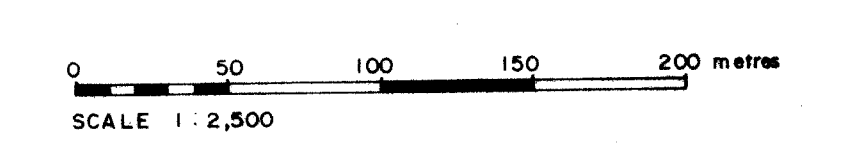
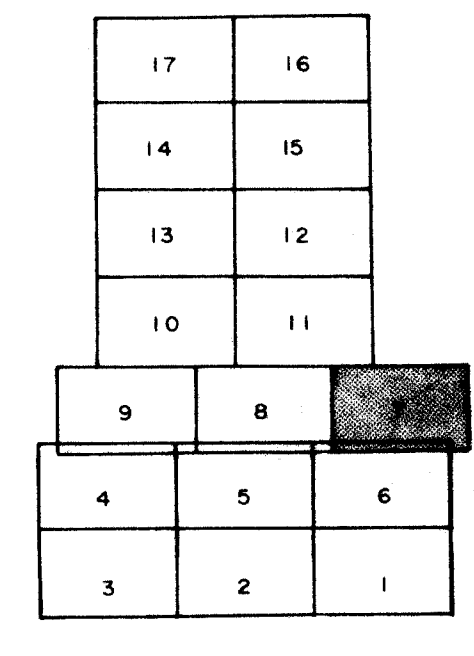
REVISED	TAS PROJECT	
	SOIL GEOCHEMISTRY CU IN PPM / AU IN PPB	
PROJ. No. 271	SURVEY BY: S. R. B.	DATE: 1. 2000
NTS: 33X/16	DRAWN BY: S. R. B.	SCALE: 1:2500
DWG. No.	NORANDA EXPLORATION	
MAP 10	OFFICE: PRINCE GEORGE, B.C.	



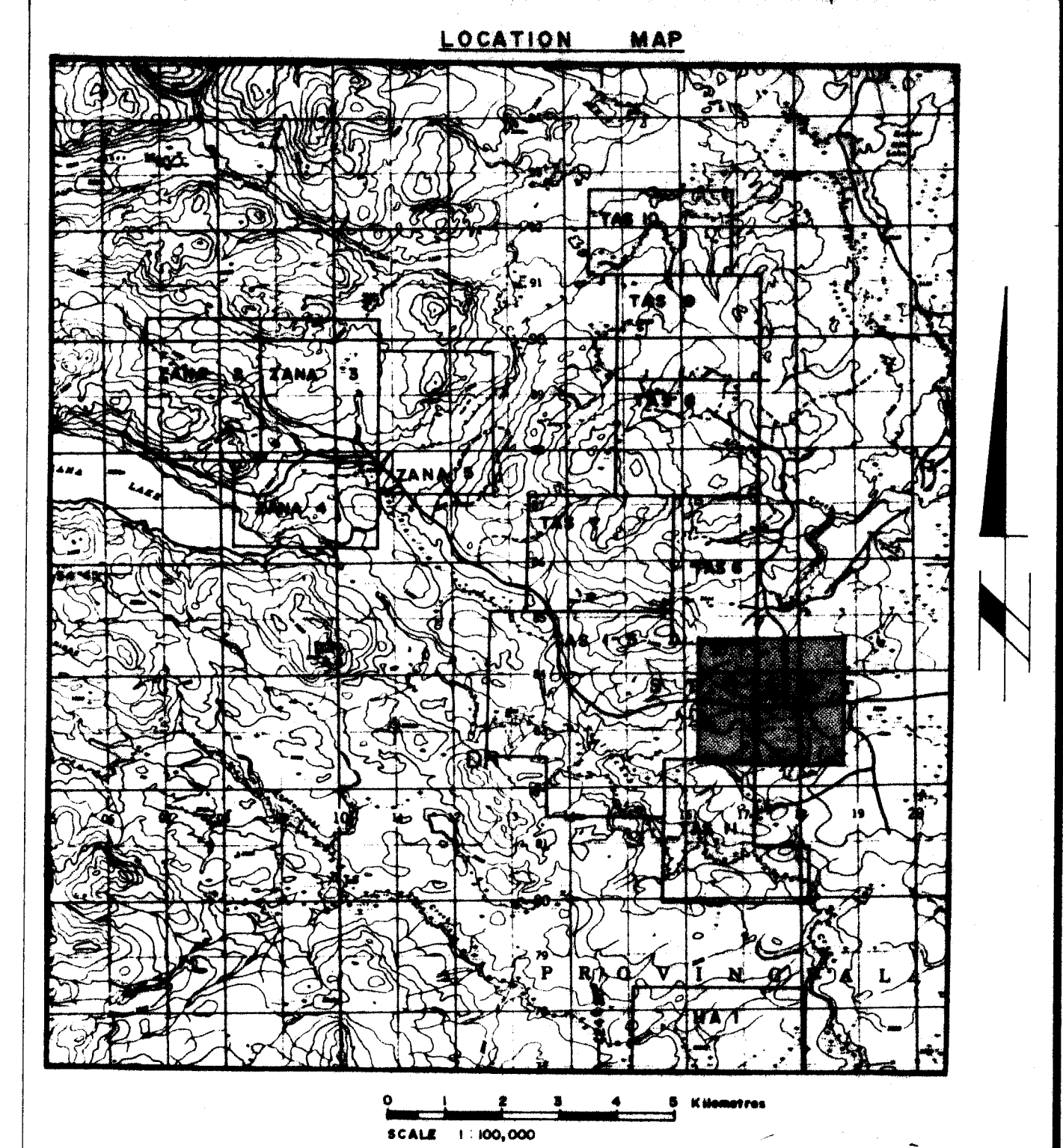
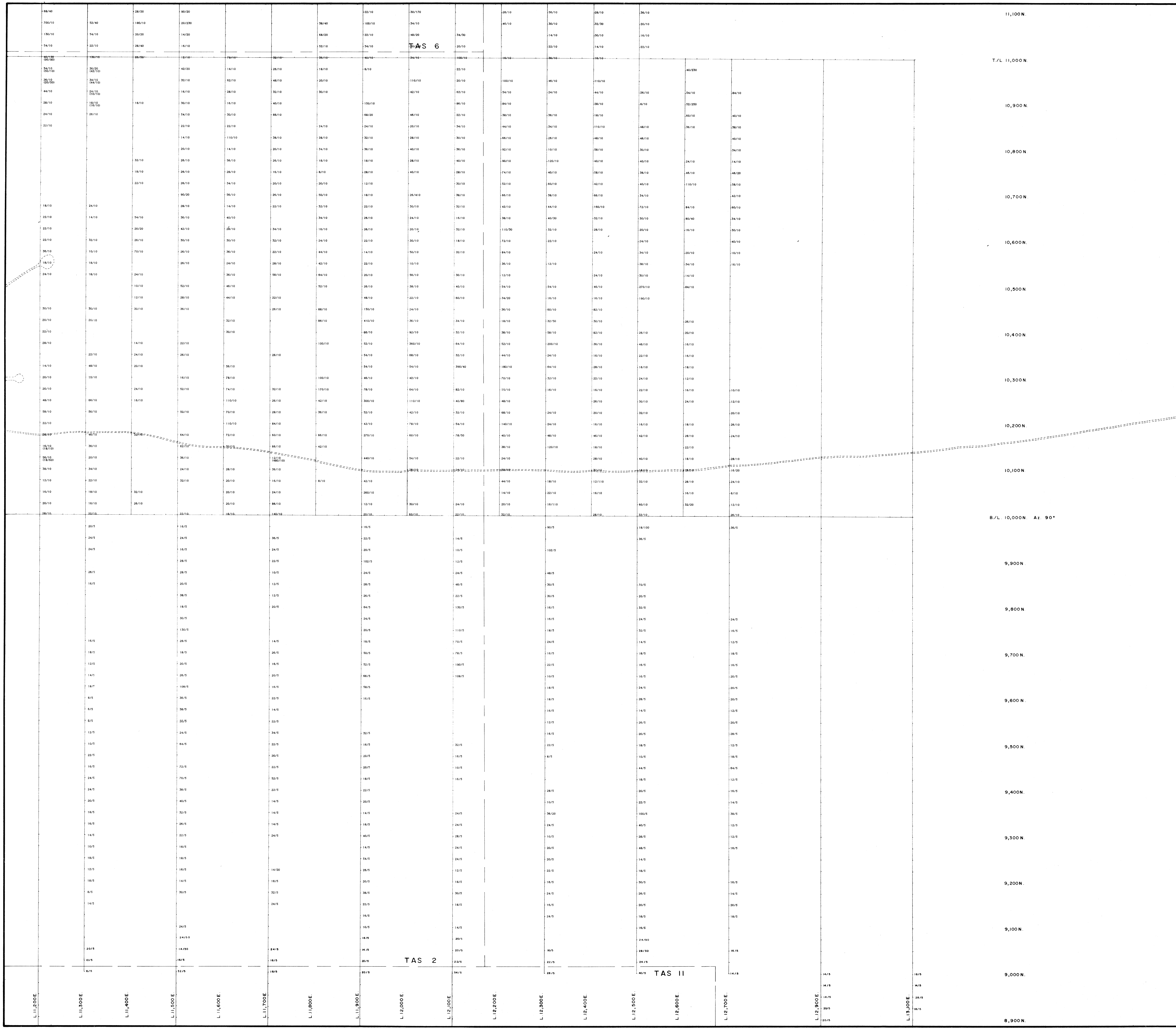
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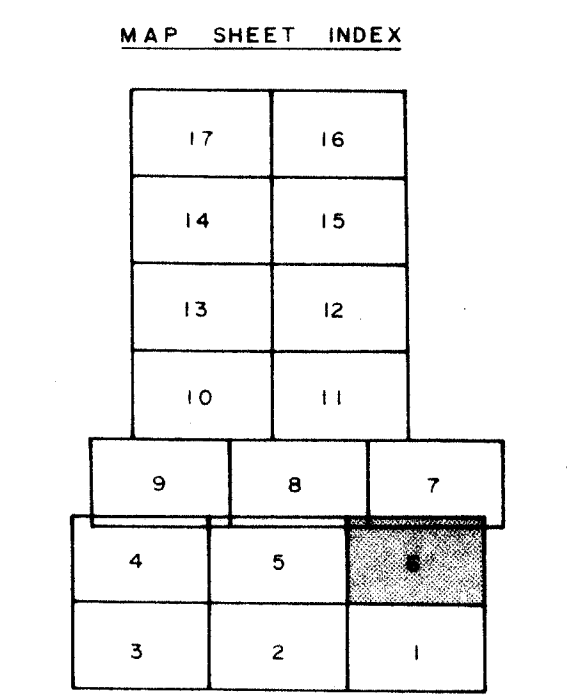


REVISED	TAS PROJECT	
	SOIL GEOCHEMISTRY CU IN PPM / AU IN PPB	
PROJ. No. 271	SURVEY BY: S.K.B.	DATE: _____
DWG. No. _____	DRAWN BY: _____	SCALE: 1:2500
MAP 9	NORANDA EXPLORATION OFFICE: PRINCE GEORGE, B.C.	



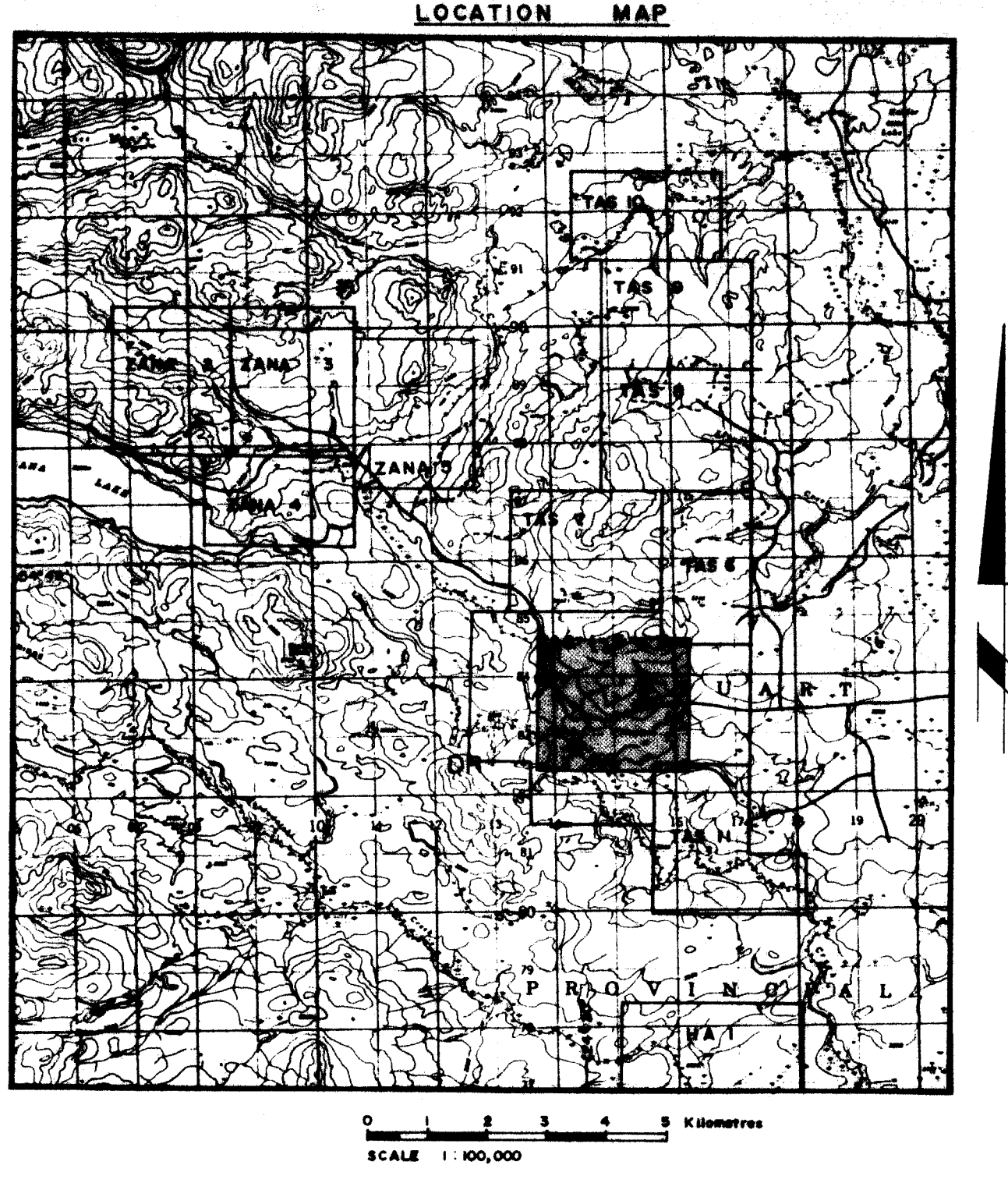
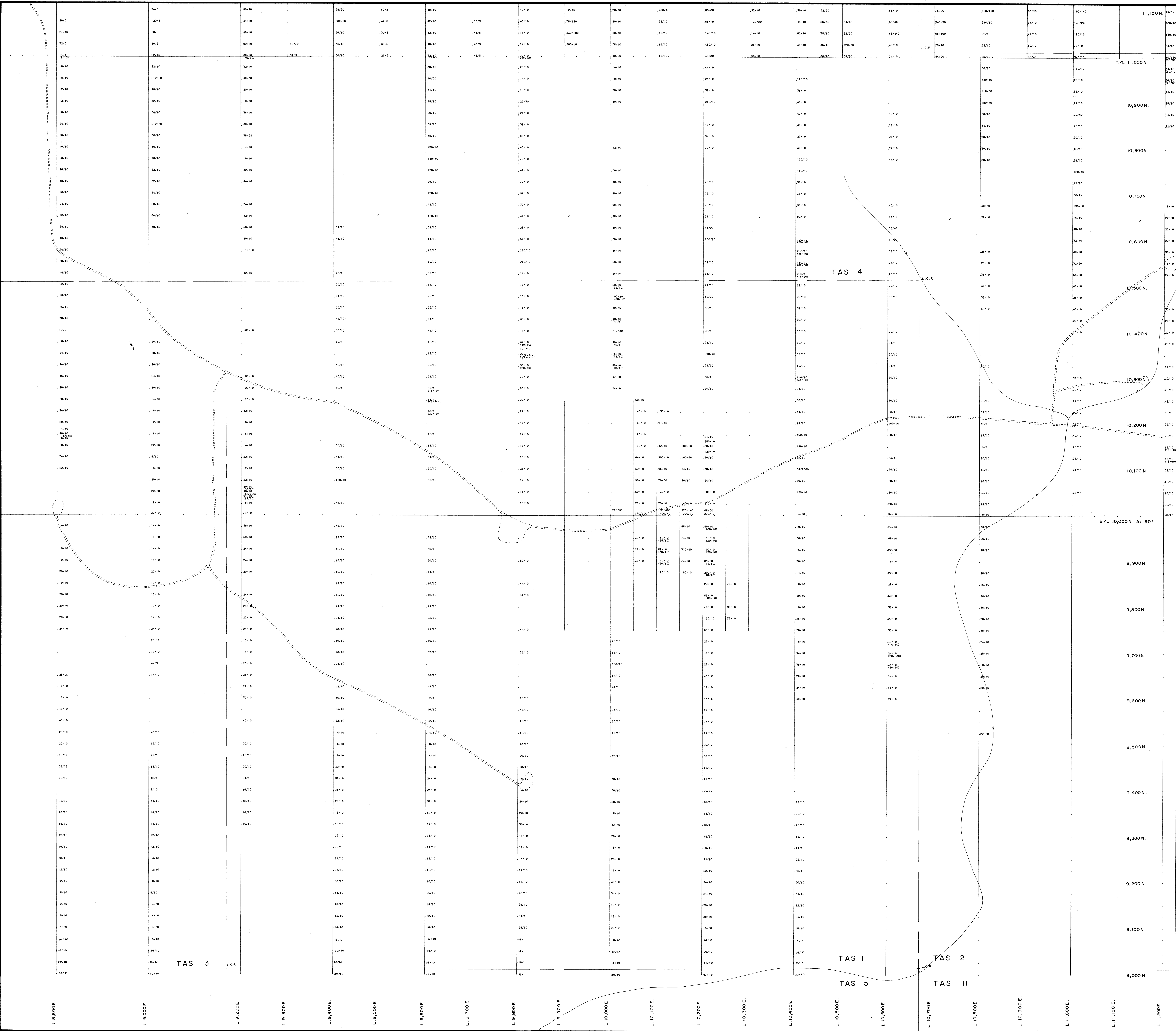
**GEOLOGICAL BRANCH
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0 50 100 150 200 metres
SCALE 1:2,500

REVISED	TAS PROJECT	
	SOIL GEOCHEMISTRY CU IN PPM / AU IN PPB	
PROJ. No. 271	SURVEY BY: S.G.B.	DATE:
N.T.S. 33X/16	DRAWN BY: S.G.B.	SCALE: 1:2,500
DWG. No.	NORANDA EXPLORATION	
MAP 8	OFFICE: PRINCE GEORGE, B.C.	

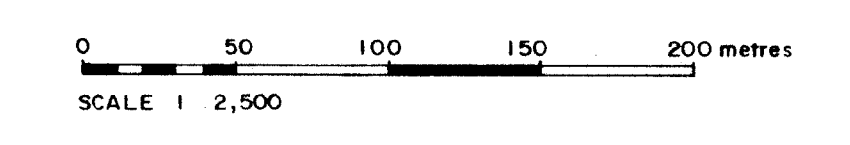


GEOLOGICAL BRANCH
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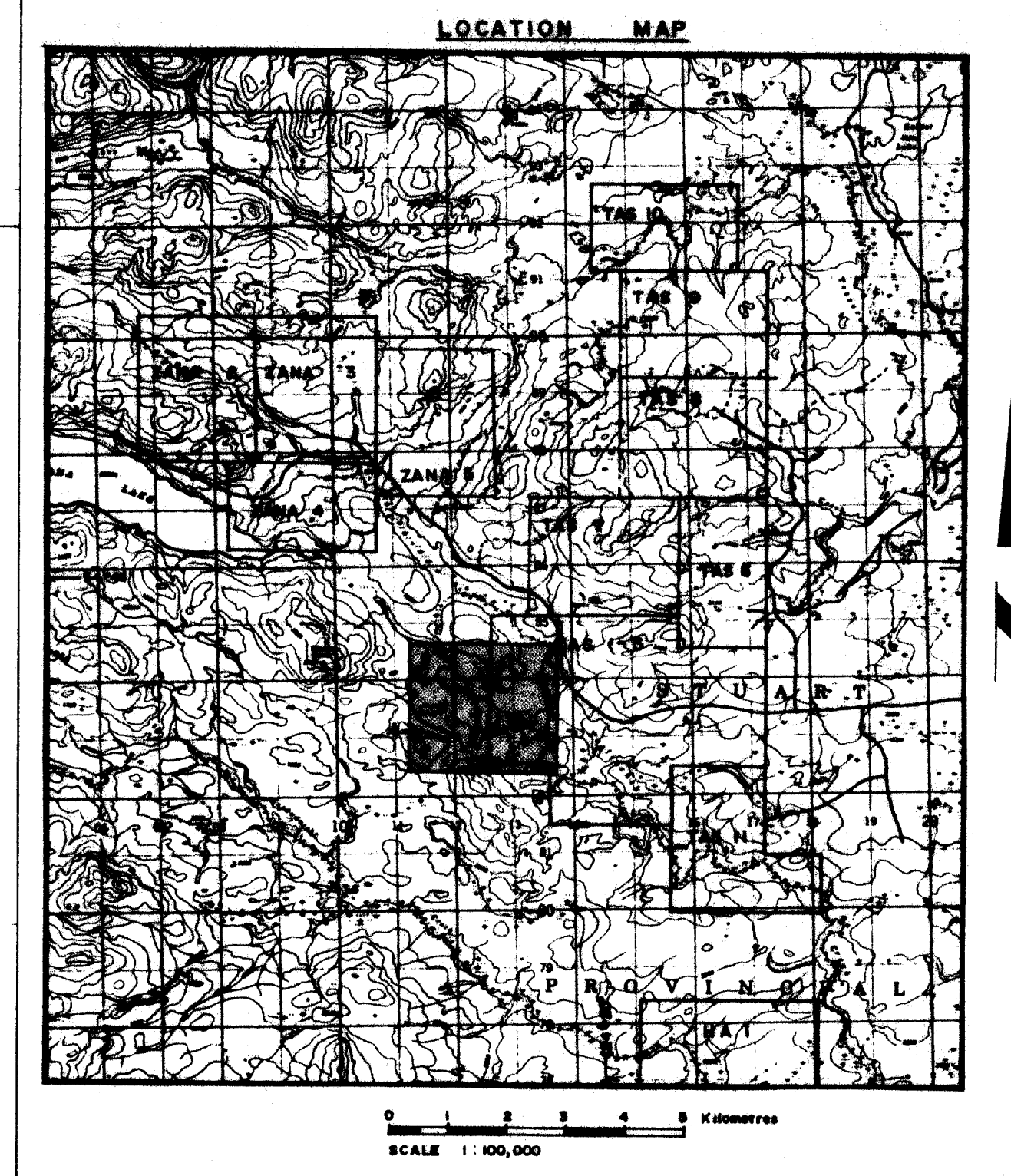
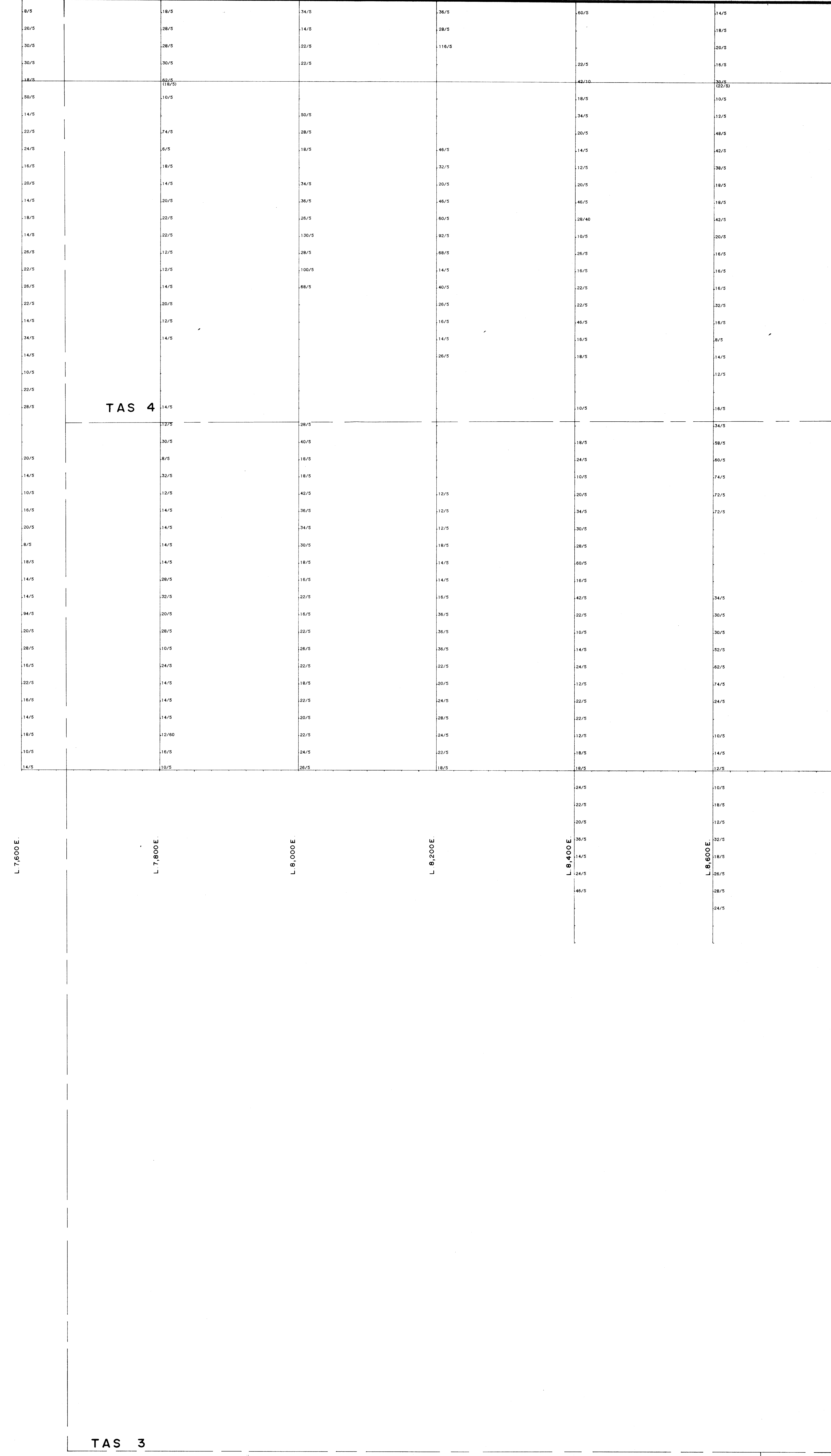
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13	12	
10	11	
9	8	7
4	5	6
3	2	1

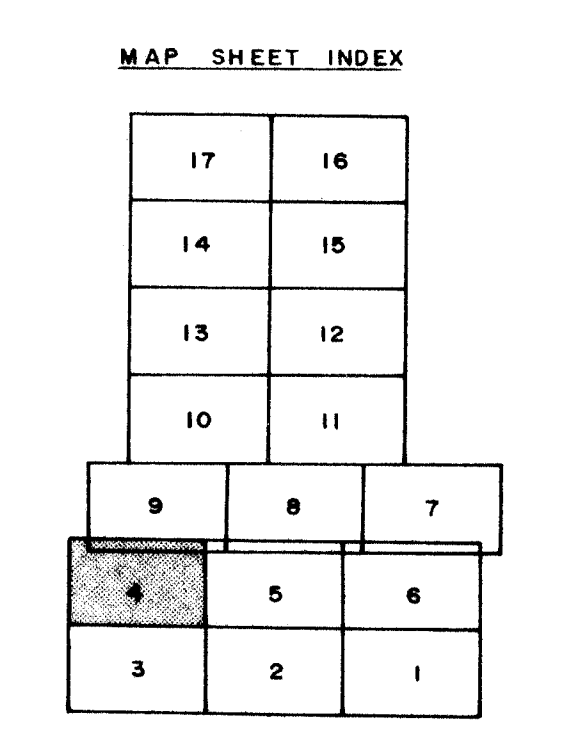


REVISED	TAS PROJECT	
	SOIL GEOCHEMISTRY CU IN PPM / AU IN PPB	
PROJ. No. 271	SURVEY BY: S.K.B.	DATE:
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:2,500
DWG. No.	NORANDA EXPLORATION	
MAP 7	OFFICE: PRINCE GEORGE, B.C.	

11,100N
 T/L 11,000N
 10,900N
 10,800N
 10,700N
 10,600N
 10,500N
 10,400N
 10,300N
 10,200N
 10,100N
 B/L 10,000N Az 90°
 9,900N
 9,800N
 9,700N

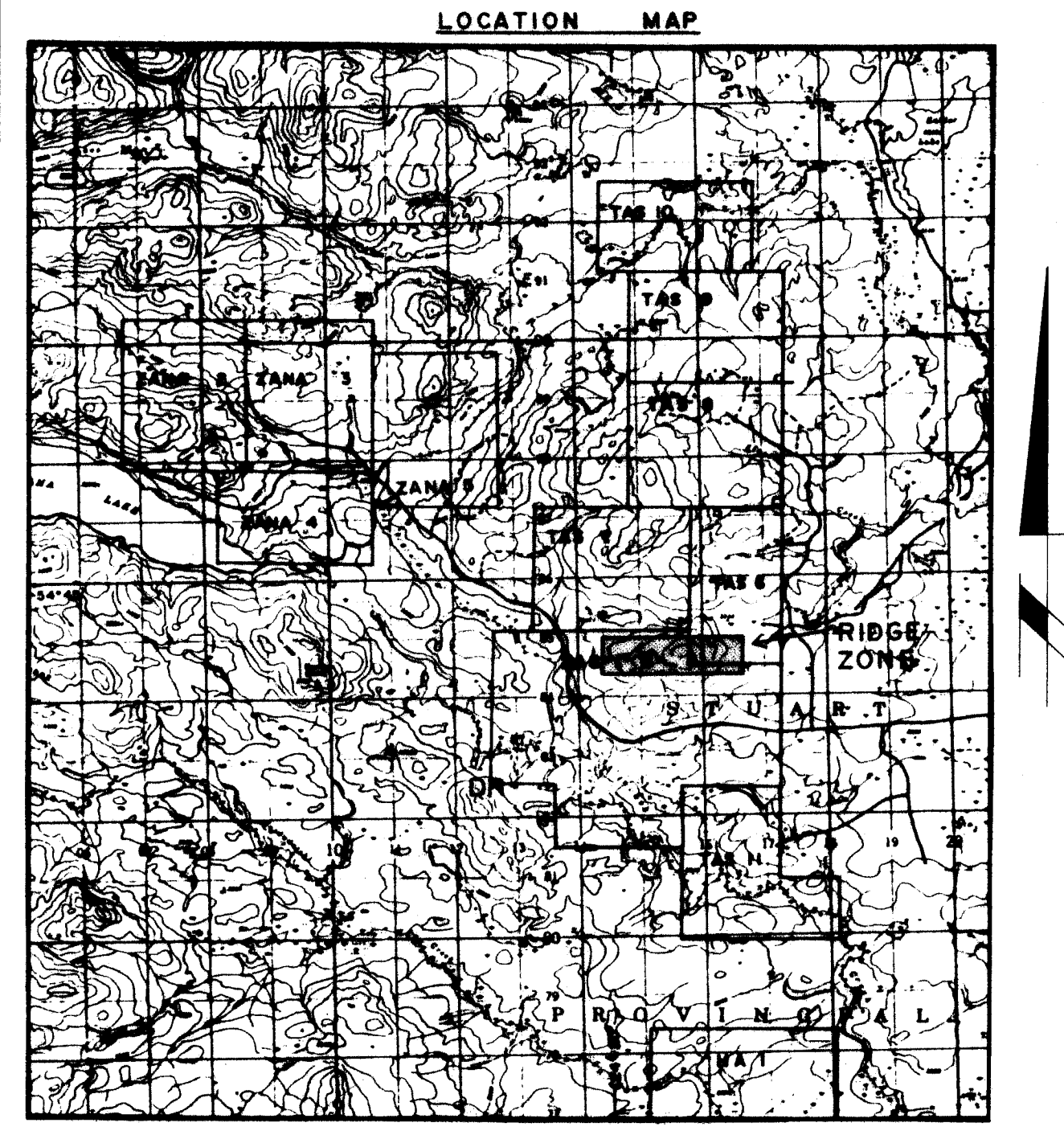
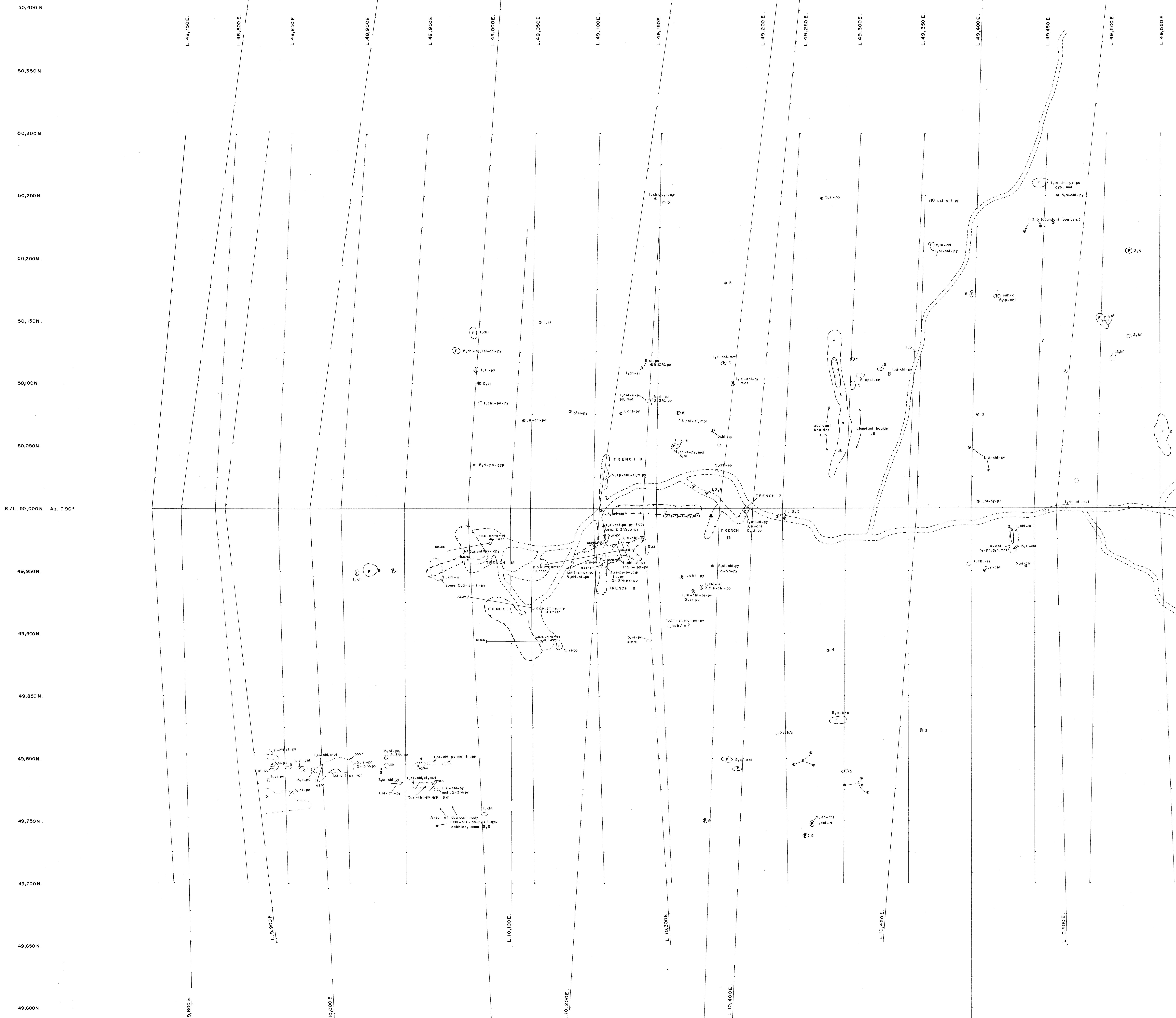


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0 50 100 150 200 METERS
 SCALE 1:2,000

REVISED	TAS PROJECT	
	SOIL GEOCHEMISTRY CU IN PPM / AU IN PPB	
PROJ. No. 271	SURVEY BY: S.K.B.	DATE:
N.T.S. 33E/18	DRAWN BY: S.K.B.	SCALE: 1:2000
DWG. No.	NORANDA EXPLORATION	
MAP 6	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

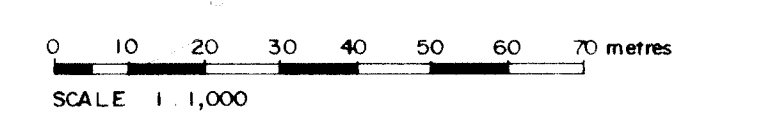
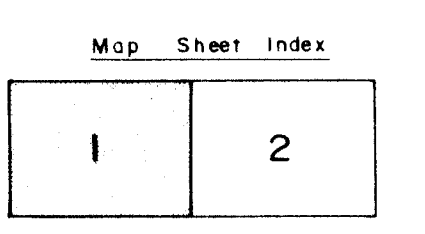
- ROCK TYPES**
- 1 Hornfels, predominantly silstone, minor andesite, tuff variable chlorite, epidote, silice biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
 - 2 siltstone/shale, black, locally weakly hornfelsed
 - 3 Hornblende-Augite Porphyry, 1-10m phenocrysts, locally with abundant feldspar phenocrysts, in a grey-green aphanitic matrix, variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
 - 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
 - 4 Hornblende Porphyry Dyke, 1-2m hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
 - 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2m feldspar-hornblende grains, 5-10% hornblende, 30-50% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (weakly) altered, trace to 5% pyrrhotite
 - 6 Feldspar Porphyry - 2-3m anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.

- SYMBOLS**
- HF - hornfelsed
 - chl - chlorite
 - sl - silicification
 - bl - biotite
 - gpp - gypsium
 - ep - epidote (trace to 1%)
 - py - pyrrhotite (trace to 1%)
 - cp - chloropyrite
 - q - quartz
 - cc - calcite
 - not - not listed
 - fr - fractured
 - bl - bleached
 - v - vein
 - ch - cherty
 - ep - epidote
 - hl - hornblende

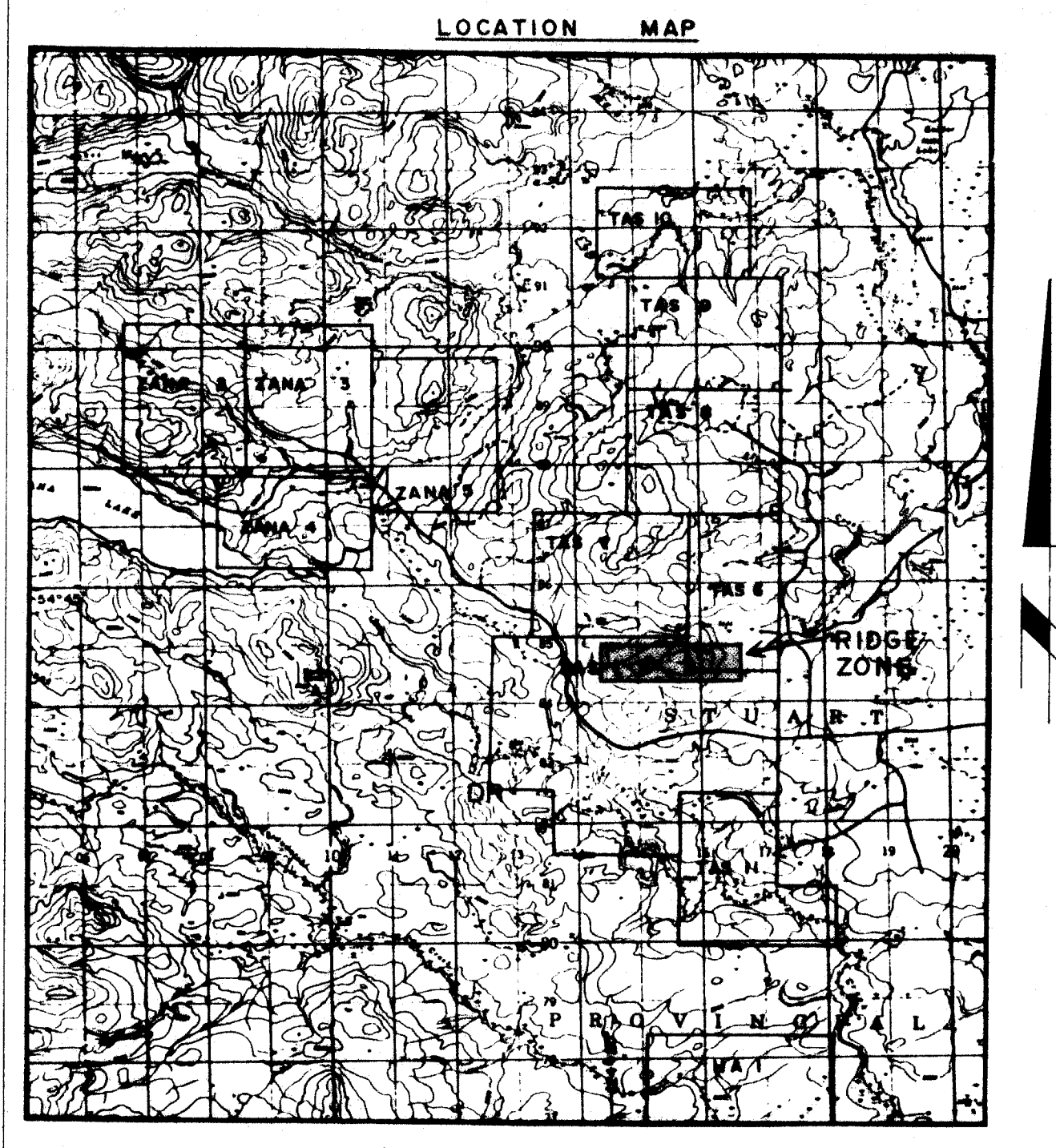
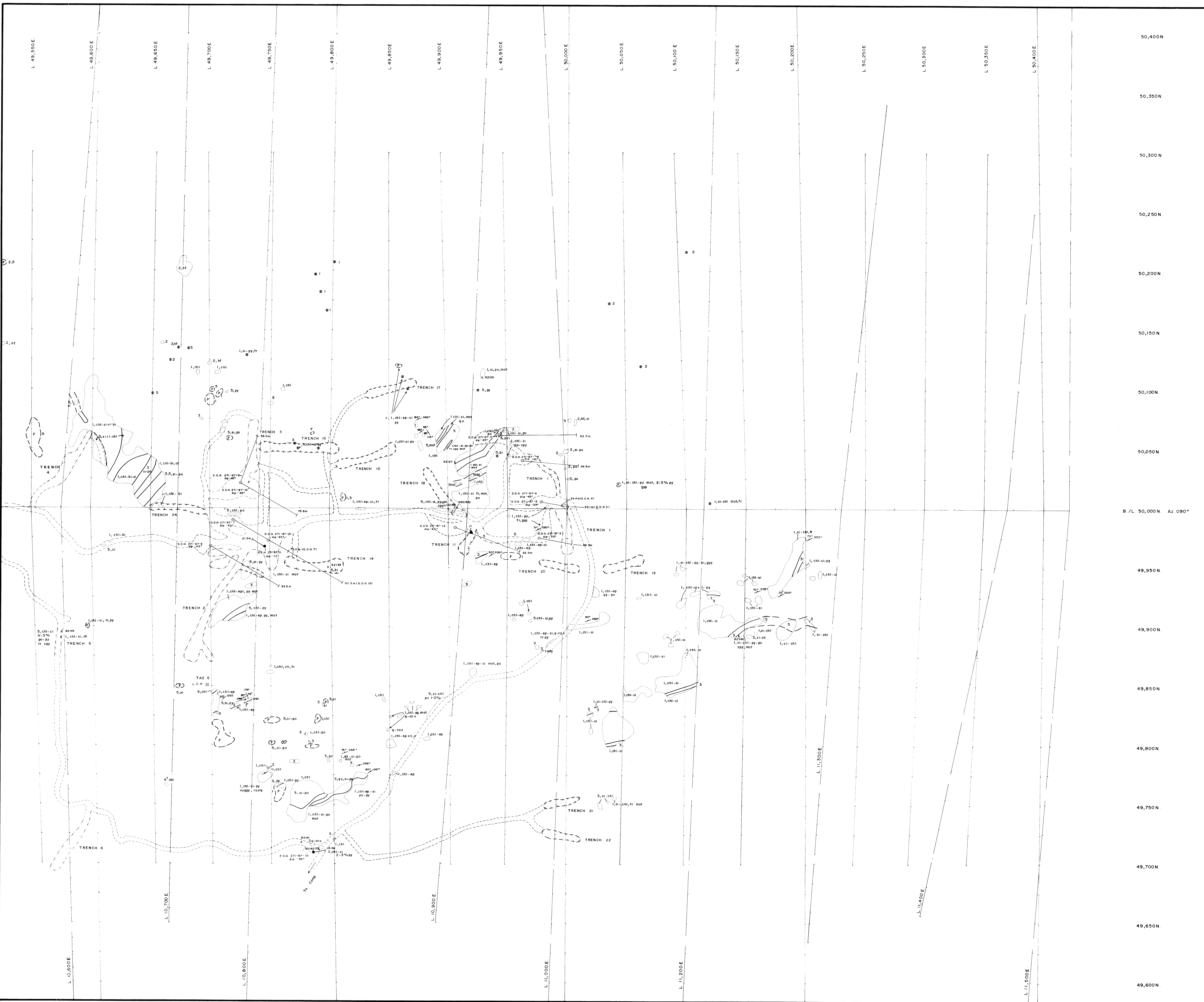
- SYMBOLS**
- joint
 - mineralized shear (pyrr/cpyr/cq/cf/cc)
 - unmineralized shear
 - contact, defined, inferred
 - outcrop
 - area of boulders, float location
 - rock sample
 - chip sample
 - trench
 - grid station
 - soil profile location
 - D.D.H. Location
 - P.D.H. Location (Percussion Drill Holes)

GEOLOGICAL BRANCH
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REVISED	TAS PROJECT	
G.M., Sept 1987	RIDGE ZONE GEOLOGY AND D.D.H. LOCATIONS	
PROJ. No. 271	SURVEY BY: G.M., R.B.	DATE: JUNE, 1987
N.T.S. 93K/W	DRAWN BY: S.K.B.	SCALE: 1:1,000
DWG. No.	NORANDA EXPLORATION	
MAP 4	OFFICE: PRINCE GEORGE, B.C.	



LEGEND

- ROCK TYPES**
- 1 Hornfels, predominantly siltstone, minor andesite, tuff, variable chlorite, epidote, silica blebby alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
 - 2 Siltstone/sandstone, black, locally weakly hornfelsed
 - 3 Hornblende-Angite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green granitic matrix, variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
 - 3b Light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
 - 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
 - 5 Diopside-Quartz Diorite/Cranstonite, light to medium grey, equiaxed, 1-2mm, feldspar-hornblende grains, 5-10% hornblende, 50-75% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericitized) altered, trace to 5% pyrrhotite
 - 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.

- SYMBOLS**
- hf - hornfelsed
 - chl - chlorite
 - ep - epidote
 - fs - feldspar
 - gr - granite (trace to 15%)
 - py - pyrrhotite
 - qtz - quartz
 - ser - sericitized
 - st - staurolite
 - tr - tourmaline
 - un - unmineralized
 - ve - vein
 - ch - cherty
 - ep - epidote
 - hb - hornblende

- SYMBOLS**
- Joint
 - mineralized shear (py-py/-cpy/-q/-cc)
 - unmineralized shear
 - contact, defined, inferred
 - outcrop
 - area of boulders, float location
 - rock sample
 - chip sample
 - trench
 - grid station
 - soil profile location
 - D.D.H. Location
 - P.D.H. Location (Percussion Drill Holes)

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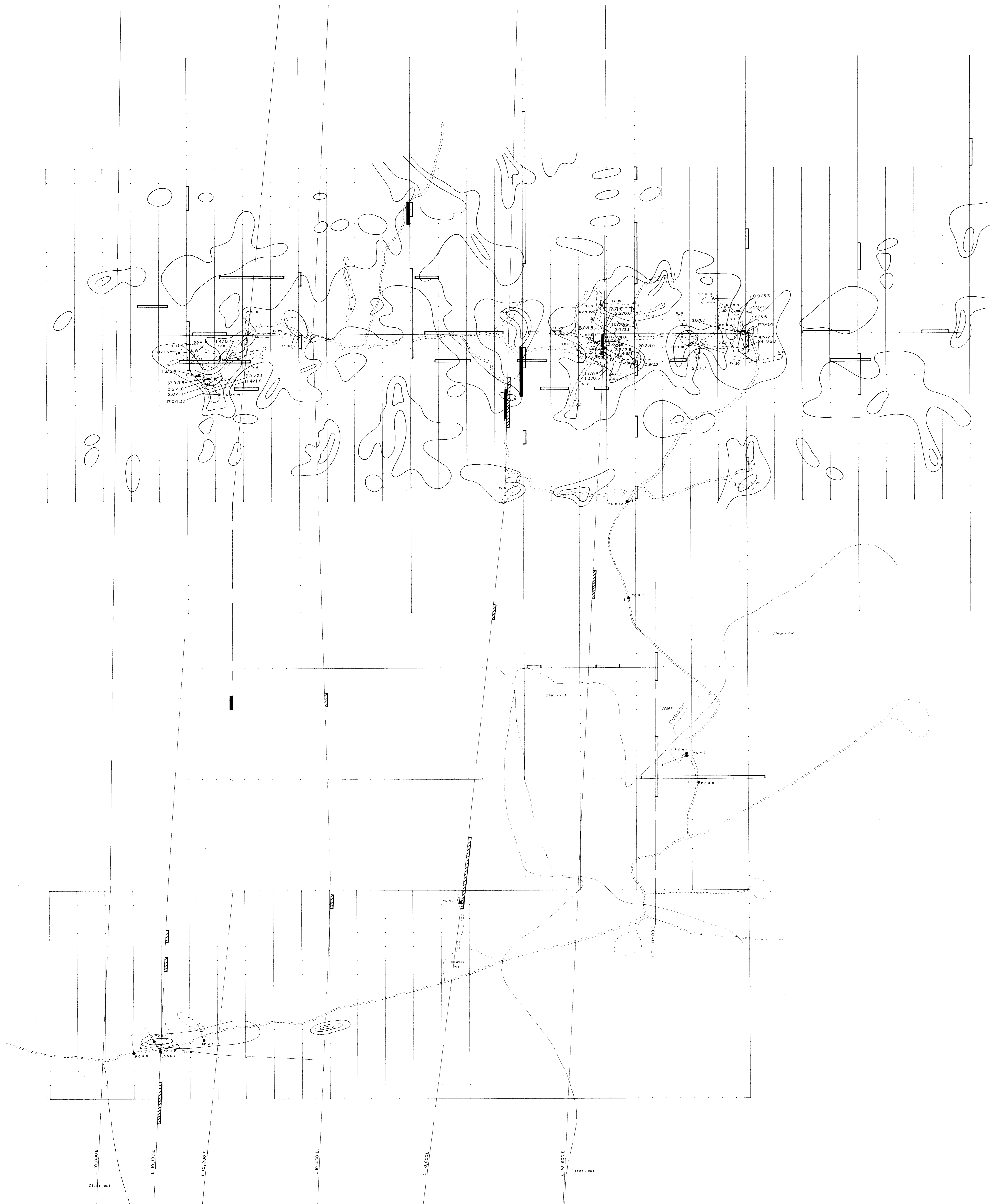
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1	2
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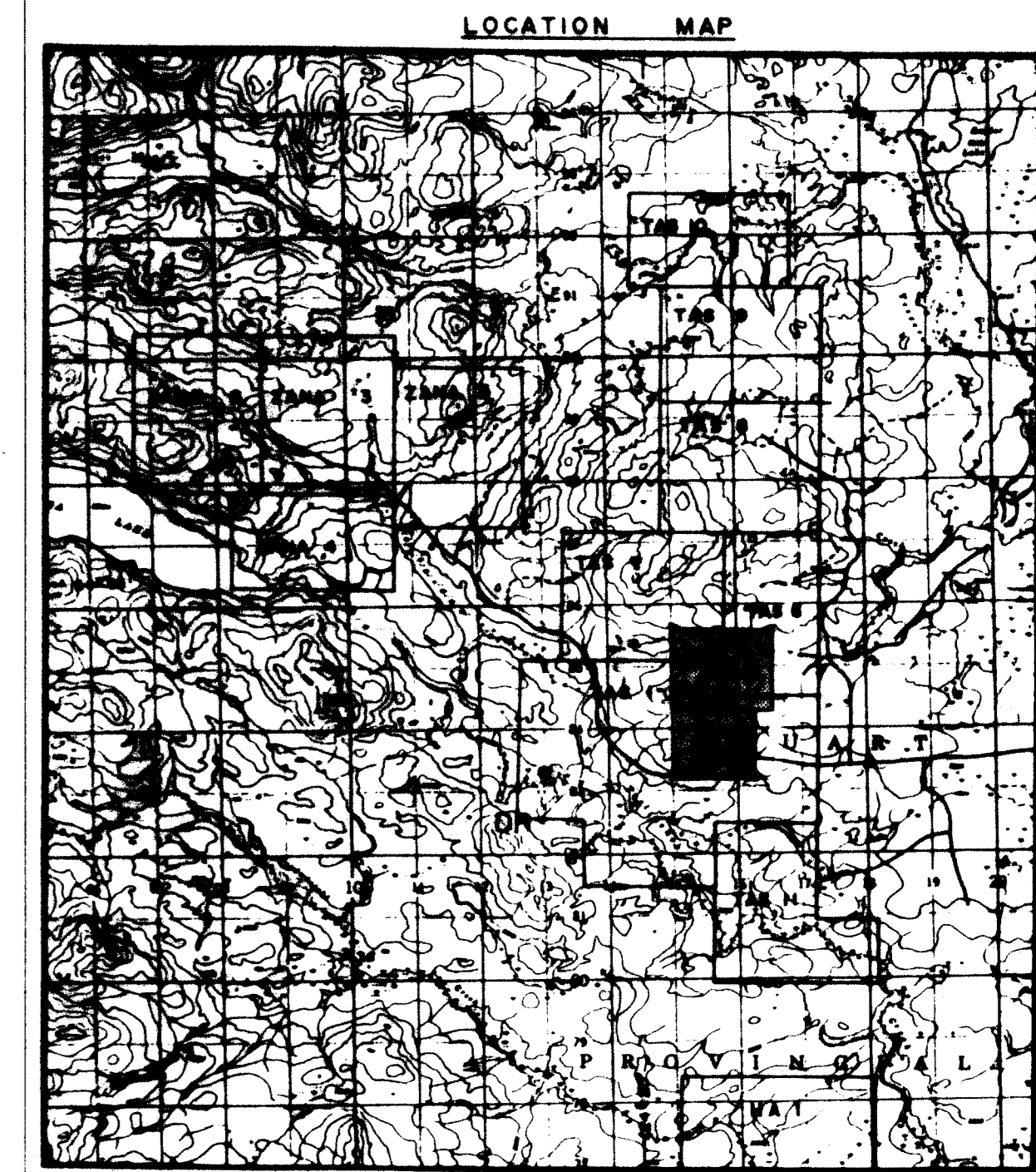
SCALE: 1:1000

REVISED	TAS PROJECT	
C.M. Sept. 1987	RIDGE ZONE	
	GEOLOGY AND D.D.H. LOCATIONS	
PROJ. No. 271	SURVEY BY: G.M., R.B.	DATE: JUNE, 1987
NTS: 33x716	DRAWN BY: S.K.B.	SCALE: 1:1000
DWG. No.	NORANDA EXPLORATION	
MAP 3	OFFICE: PRINCE GEORGE, B.C.	

L 48.750E L 48.800E L 48.850E L 48.900E L 48.950E L 49.000E L 49.050E L 49.100E L 49.150E L 49.200E L 49.250E L 49.300E L 49.350E L 49.400E L 49.450E L 49.500E L 49.550E L 49.600E L 49.650E L 49.700E L 49.750E L 49.800E L 49.850E L 49.900E L 49.950E L 50.000E L 50.050E L 50.100E L 50.150E L 50.200E L 50.250E L 50.300E L 50.350E L 50.400E L 50.450E L 50.500E



50,500 N
50,400 N
50,300 N
50,200 N
50,100 N
B/L 50,000N A1 90°
49,900 N
49,800 N
49,700 N
49,600 N
49,500 N
49,400 N
49,300 N
49,200 N
49,100 N
B/L 49,000N A2 090°
48,900 N
48,800 N
48,700 N
T/L 48,625N
48,600 N
48,500 N



LEGEND

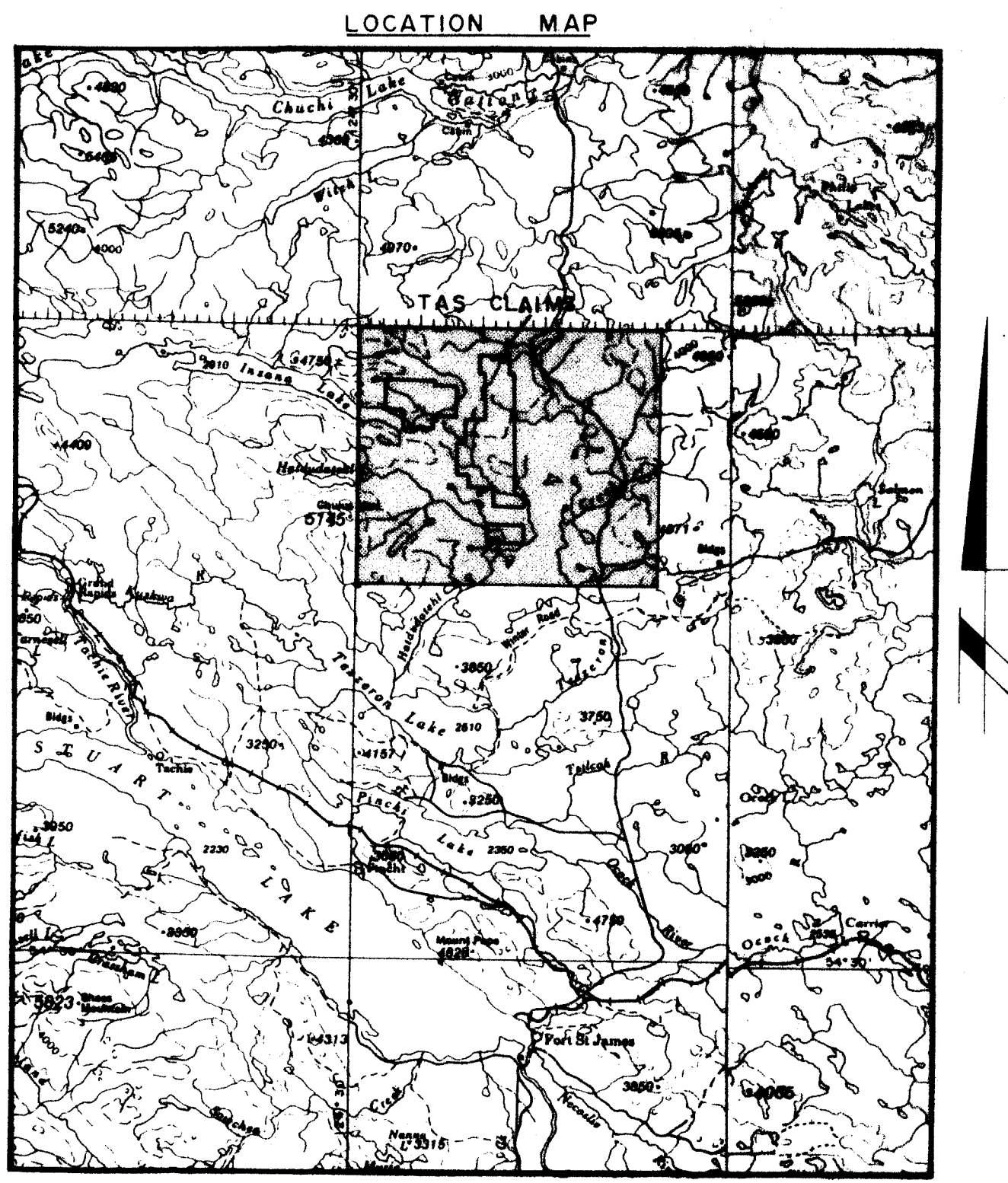
- Car Road
- Car Track
- Lake
- Swamp area
- Area of clear-cut
- D.D.H. Location
- P.O.H. Location (Percussion Drill Hole)
- I.P. Chargeability (MSEC) Anomalies
- I.P. Apparent Resistivity (CHM - M) Anomalies
- I.P. PFE Anomalies
- Au Contoured Anomalies 1ppb
- D.D.H. Intersection Assay Au(gmt)/metres
- Chip samples Assay Au(gmt)/metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,234

0 50 100 150 200 METRES
SCALE = 1:2000

REVISED	TAS PROJECT	
	COMPILATION MAP	
PROJ. No. 271	SURVEY BY: S M	DATE: SEPT. 1987
NTLS 93K/48	DRAWN BY: S X B	SCALE: 1:2500
DWG No.	NORANDA EXPLORATION	
MAP 2	OFFICE: PRINCE GEORGE, B.C.	

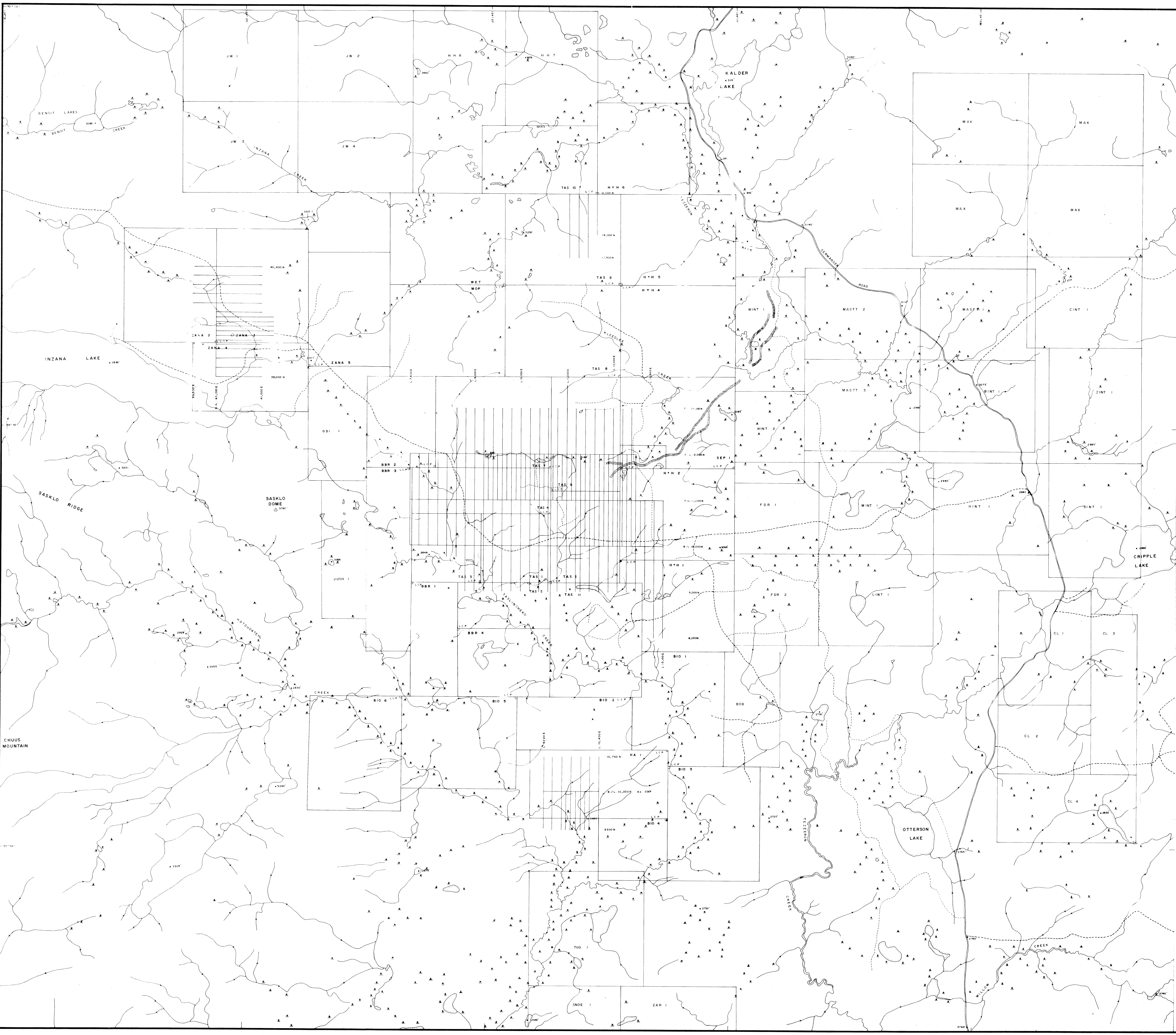


GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,234

0 500 1000 1500 2000 METERS
SCALE 1:25,000

REVISED	TAS PROJECT
5 M NOV, 1987	CLAIM COMPILATION
PROJ. No. 271	SURVEY BY: S.K.R. DATE: 1987
DWG. No.	SCALE: 1:25,000
MAP I	NORANDA EXPLORATION OFFICE: PRINCE GEORGE, B.C.

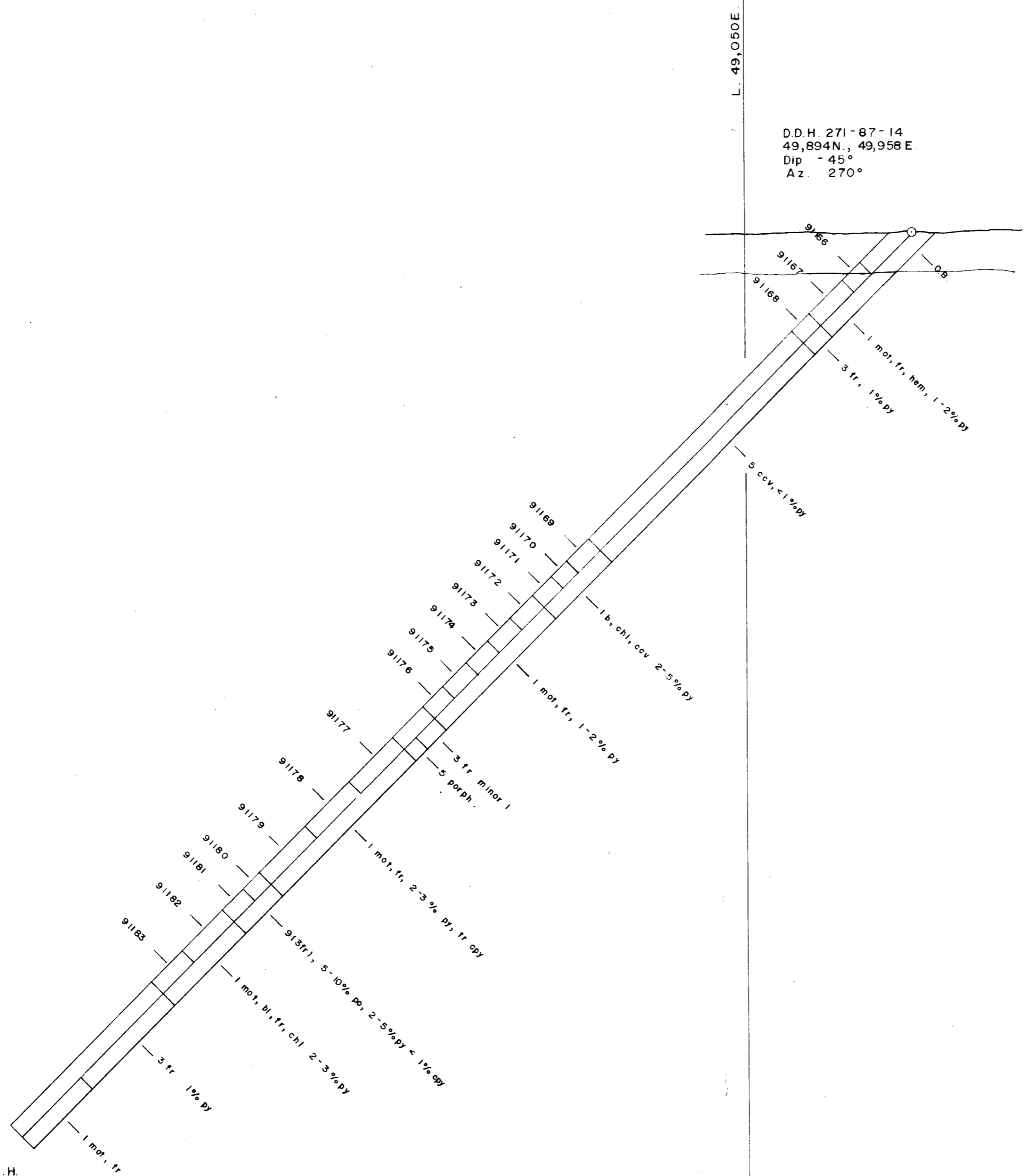


LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

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 po - pyrrhotite (trace to 1%)
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 mot - mottled
 fr - fractured
 bl - bleached
 v - vein
 ch - cherty
 ep - epidote
 ser - sericite
 hem - hematite
 bx - breccia
 ank - ankerite



D.D.H. 271-87-14
 49,894N., 49,958E
 Dip - 45°
 Az. 270°

61.0 E.O.H.

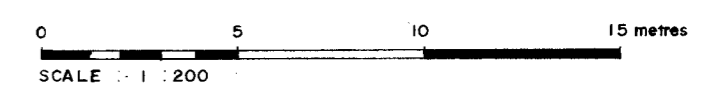
TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS				
			AU	AG	CU	ZN	PB
91166	2.7-4.0	1.3	10	<0.1	132	37	<2
91167	4.0-6.3	1.2	10	<0.1	240	35	3
91168	6.3-7.4	1.1	320	<0.1	400	36	3
91169	21.4-22.9	1.5	150	0.6	500	49	8
91170	22.9-23.9	1.0	5	<0.1	250	38	2
91171	23.9-25.3	1.4	50	<0.1	720	40	2
91172	25.3-26.8	1.5					
91173	26.8-28.3	1.5	5	<0.1	100	30	<2
91174	28.3-29.8	1.5	10	<0.1	128	24	<2
91175	29.8-31.4	1.6	35	0.2	76	28	<2
91176	31.4-32.7	1.3	10	<0.1	185	33	<2
91177	34.8-37.8	3.0	15	<0.1	156	30	<2
91178	37.8-40.8	3.0	5	<0.1	152	29	2
91179	40.8-43.9	3.1	5	<0.1	194	25	<2
91180	43.9-45.0	1.1	5	0.2	340	25	<2
91181	45.0-46.3	1.3	17.01	1.7	1500	39	4
91182	46.3-49.2	2.9	85	0.2	72	22	<2
91183	49.2-51.2	2.0	100	<0.1	90	24	<2

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-14	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

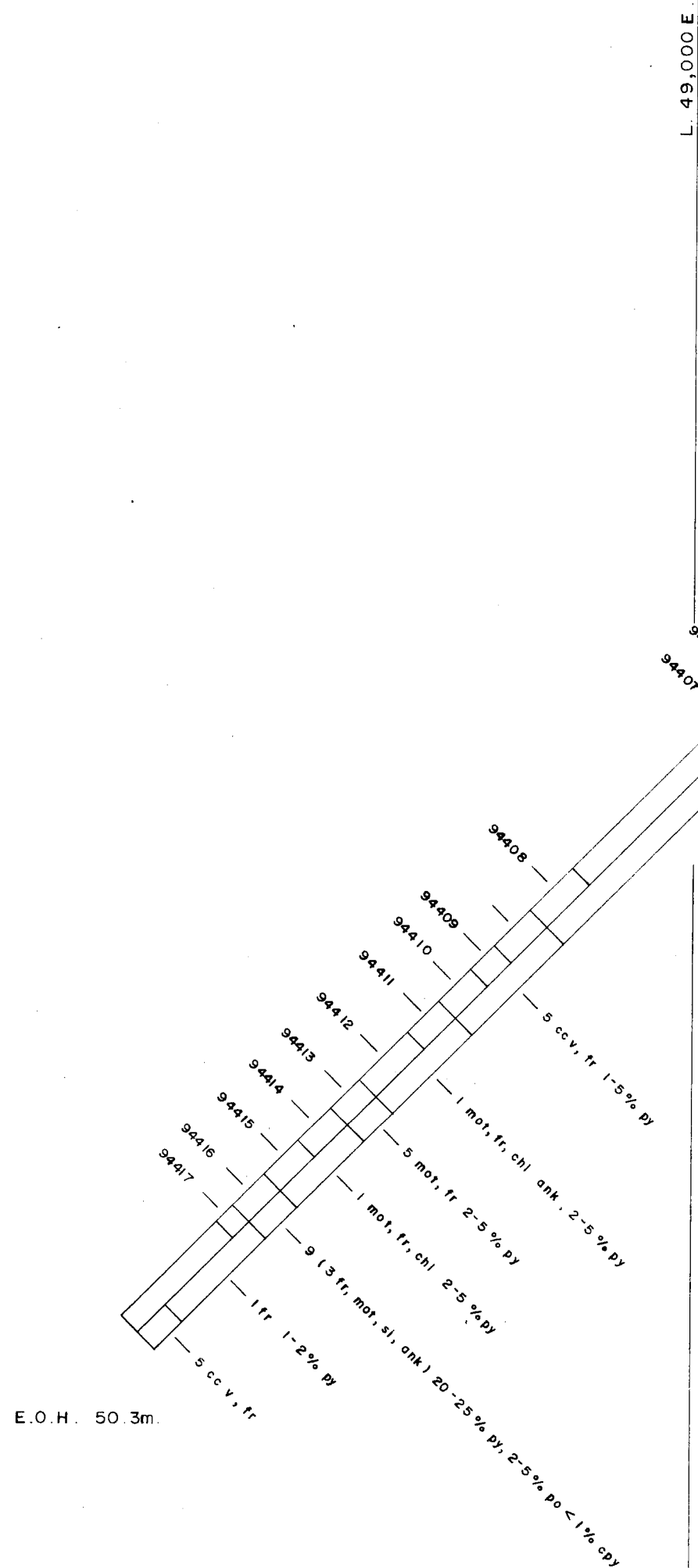
LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed
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mot - mottled
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bl - bleached
v - vein
ch - cherty
ep - epidote

ser - sericite
hem - hematite
bx - breccia
ank - ankerite



D.D.H. 271-87-16
49,972 N., 49,018 E.
Dip - 45°
Az. 260°

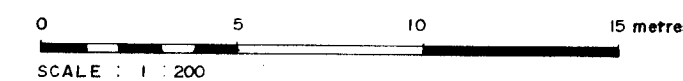
TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			AU (gmt)	AG (ppb/gmt)	CU (ppm)	ZN (%)	PB (ppm)	AG (ppm)	CU (%)	ZN (ppm)
94406	19.7-21.2	1.5	40	0.1	166	18	2			
94407	21.2-22.6	1.4	60	0.1	74	10	2			
94408	29.0-31.1	2.1	40	0.2	240	12	225			
94409	32.7-33.8	1.1	60	0.2	330	23	43			
94410	33.8-39.1	1.5	860	0.1	395	23	18			
94411	35.3-36.8	1.5	55	0.2	390	22	4			
94412	36.8-39.1	2.3	75	0.1	370	25	3			
94413	39.1-40.5	1.4	50	0.1	325	23	2			
94414	40.5-42.0	1.5	95	0.1	200	30	2			
94415	42.0-43.6	1.6	120	0.1	156	20	2			
94416	43.6-45.1	1.5	1000	0.6	1400	37	3			
94417	45.1-45.8	0.7	95	0.1	100	8	5			

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-16	
PROJ. No. 271	SURVEY BY: G. M.	DATE: JUNE, 1987
N.T.S. 93K/18	DRAWN BY: S. K. B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B. C.	

L. 49,050 E.

D. D. H. 271-87-17
49,955 N, 49,059 E.
Dip - 45°
Az. 080°

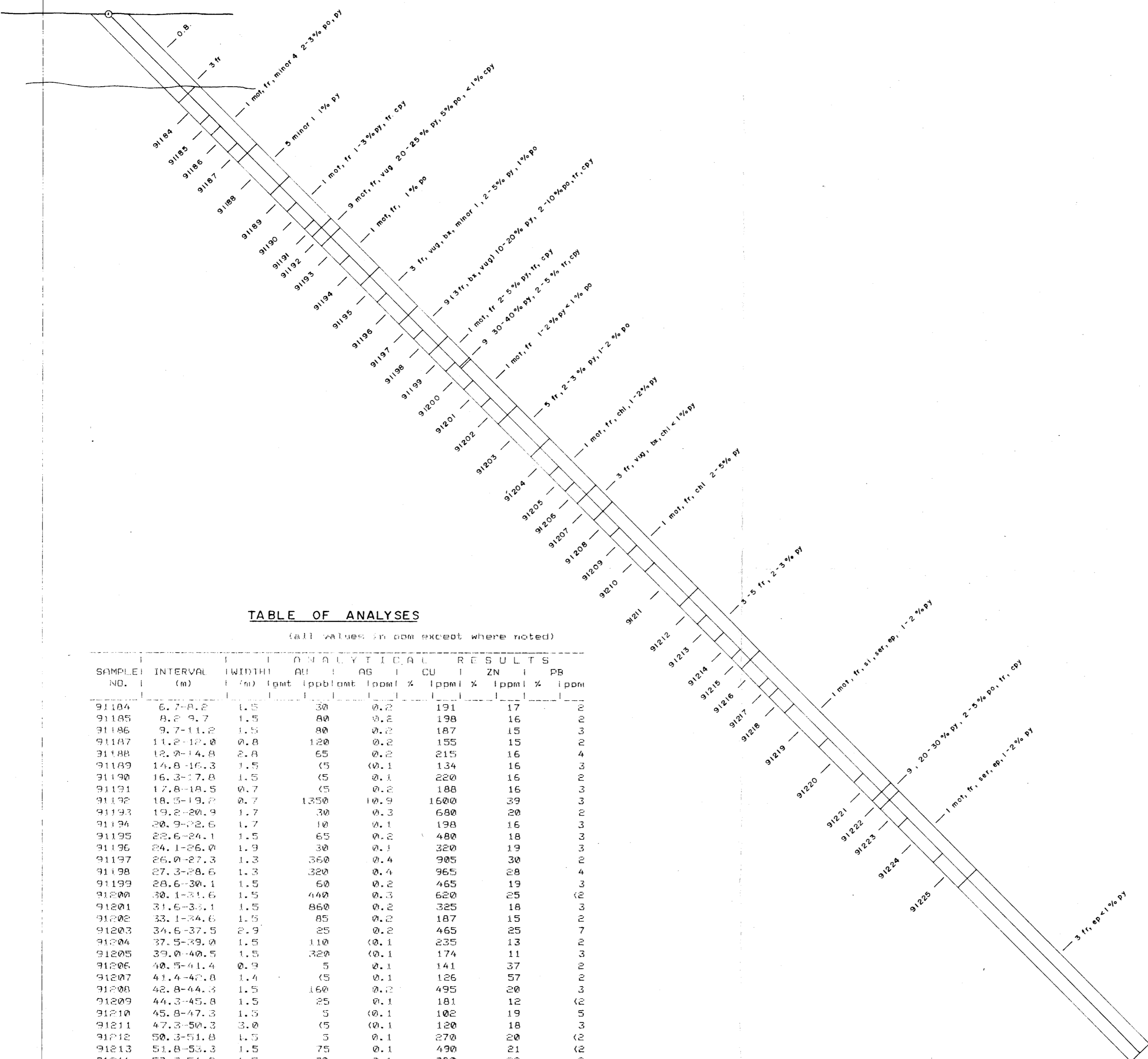


TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS						
			Al	AS	CU	ZN	PB		
91184	6.7-8.2	1.5	30	0.2	191	17			
91185	8.2-9.7	1.5	80	0.2	198	16			
91186	9.7-11.2	1.5	80	0.2	187	15			
91187	11.2-12.0	0.8	120	0.2	155	15			
91188	12.0-14.8	2.8	65	0.2	215	16			
91189	14.8-16.3	1.5	5	0.1	134	16			
91190	16.3-17.8	1.5	5	0.1	220	16			
91191	17.8-18.5	0.7	5	0.2	188	16			
91192	18.5-19.2	0.7	1350	0.9	1600	39			
91193	19.2-20.9	1.7	30	0.3	680	20			
91194	20.9-22.6	1.7	10	0.1	198	16			
91195	22.6-24.1	1.5	65	0.2	480	18			
91196	24.1-26.0	1.9	30	0.1	320	19			
91197	26.0-27.3	1.3	350	0.4	905	30			
91198	27.3-28.6	1.3	320	0.4	965	28			
91199	28.6-30.1	1.5	60	0.2	465	19			
91200	30.1-31.6	1.5	440	0.3	620	25			
91201	31.6-33.1	1.5	860	0.2	325	18			
91202	33.1-34.6	1.5	85	0.2	187	15			
91203	34.6-37.5	2.9	25	0.2	465	25			
91204	37.5-39.0	1.5	110	0.1	235	13			
91205	39.0-40.5	1.5	320	0.1	174	11			
91206	40.5-41.4	0.9	5	0.1	141	37			
91207	41.4-42.8	1.4	5	0.1	126	57			
91208	42.8-44.3	1.5	160	0.2	495	20			
91209	44.3-45.8	1.5	25	0.1	181	12			
91210	45.8-47.3	1.5	5	0.1	102	19			
91211	47.3-50.3	3.0	5	0.1	120	18			
91212	50.3-51.8	1.5	5	0.1	270	20			
91213	51.8-53.3	1.5	75	0.1	490	21			
91214	53.3-54.8	1.5	30	0.1	380	22			
91215	54.8-55.7	0.9	800	0.1	305	19			
91216	55.7-57.2	1.5	50	0.1	159	12			
91217	57.2-58.7	1.5	5	0.1	53	49			
91218	58.7-59.4	0.7	15	0.2	16	14			
91219	59.4-62.4	3.0	35	0.1	105	14			
91220	62.4-65.4	3.0	5	0.1	36	14			
91221	65.4-67.0	1.6	10	0.1	129	18			
91222	67.0-67.7	0.7	320	0.8	1750	43			
91223	67.7-69.2	1.5	5	0.1	86	15			
91224	69.2-72.2	3.0	15	0.1	180	27			
91225	72.2-74.1	1.9	10	0.1	205	29			

LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
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- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
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GEOLOGICAL BRANCH ASSESSMENT REPORT

17,234



E.O.H. 89.3 m.

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-17	
PROJ. No. 271	SURVEY BY: G. M.	DATE: JUNE 1, 1987
N.T.S. 93 K/16	DRAWN BY: S. K. B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

D.D.H. 271-87-15
 49,920N, 49,953E.
 Dip - 45°
 Az. 280°

LEGEND

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- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
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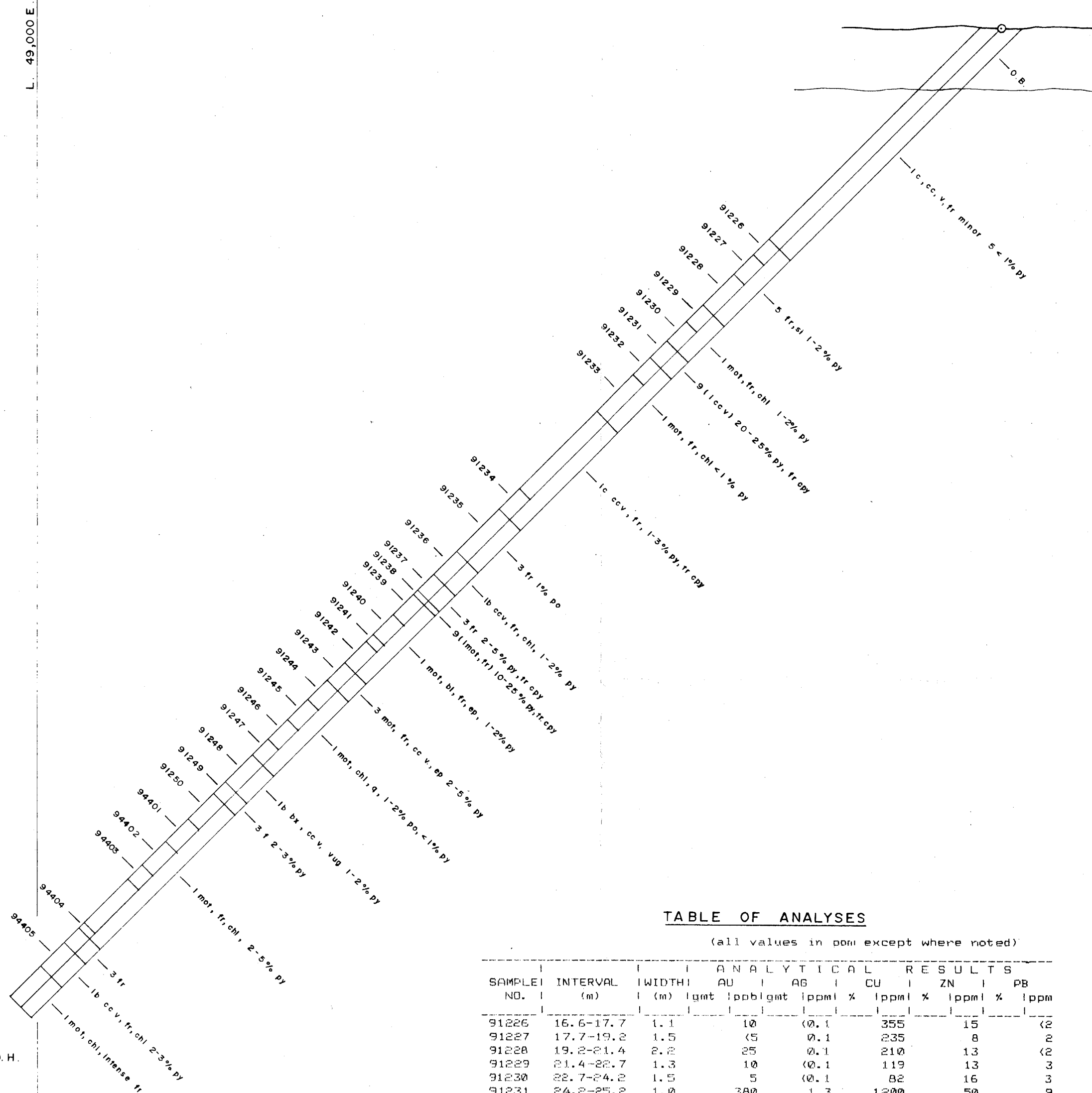


TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			AU	AG	CU	ZN	PB	ppm	%	ppm
91226	16.6-17.7	1.1	10	0.1	355	15	2			
91227	17.7-19.2	1.5	15	0.1	235	8	2			
91228	19.2-21.4	2.2	25	0.1	210	13	2			
91229	21.4-22.7	1.3	10	0.1	119	13	3			
91230	22.7-24.2	1.5	5	0.1	82	16	3			
91231	24.2-25.2	1.0	380	1.3	1200	50	9			
91232	25.2-26.7	1.5	35	0.1	130	30	2			
91233	26.7-29.4	2.7	10	0.1	144	23	3			
91234	29.4-32.7	3.3	15	0.1	210	31	2			
91235	32.7-39.9	7.2	2100	0.3	365	30	2			
91236	39.9-41.6	1.7	500	0.1	340	24	4			
91237	41.6-42.8	1.2	200	0.2	550	20	2			
91238	42.8-43.1	0.3	2000	0.2	465	23	2			
91239	43.1-44.6	1.5	35	0.1	48	16	2			
91240	44.6-46.1	1.5	5	0.1	22	16	2			
91241	46.1-46.6	0.5	10	0.1	159	10	2			
91242	46.6-48.3	1.7	10	0.1	104	11	2			
91243	48.3-49.5	1.2	15	0.1	50	24	2			
91244	49.5-51.0	1.5	15	0.1	52	11	3			
91245	51.0-52.5	1.5	10	0.1	38	11	2			
91246	52.5-54.0	1.5	25	0.1	7	4	2			
91247	54.0-55.1	1.1	60	0.1	54	17	2			
91248	55.1-57.2	2.1	15	0.1	126	33	2			
91249	57.2-58.0	0.8	95	0.1	188	15	2			
91250	58.0-59.9	1.9	130	0.1	180	20	2			
94401	59.9-61.6	1.7	25	0.1	154	14	3			
94402	61.6-63.4	1.8	55	0.1	55	15	2			
94403	63.4-64.5	1.1	260	0.1	260	17	2			
94404	64.5-67.7	3.2	30	0.1	30	42	2			
94405	67.7-71.0	3.3	10	0.1	106	32	2			

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,234

SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-15	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

L 49,000 E

73.2m E.O.H.