

MAP NO.  
105 C 10, 11

ASSESSMENT REPORT  
PROSPECTUS  
CONFIDENTIAL  
OPEN FILE

DOCUMENT NO.: 092046  
MINING DISTRICT: WHITEHORSE  
TYPE OF WORK: Geological, Geochemical,  
Geophysical

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REPORT FILED UNDER: Noranda Exploration Company Limited

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DATE PERFORMED: September 1985 - February 1986      DATE FILED: March 26, 1987

---

LOCATION:   LAT.: 60°36'N,   60°32'N      AREA: Testin river

---

          LONG.: 133°32'W   133°29'W      VALUE \$: 4,800.00

---

CLAIM NAME & NO.:   TES 11-14   YA94298-YA94301

                          TES 15-18   YA94302-YA94305

---

WORK DONE BY:   C.J.R. Hart

---

WORK DONE FOR:   Noranda Exploration Company Limited

---

DATE TO GOOD STANDING	REMARKS:
	#39 TES

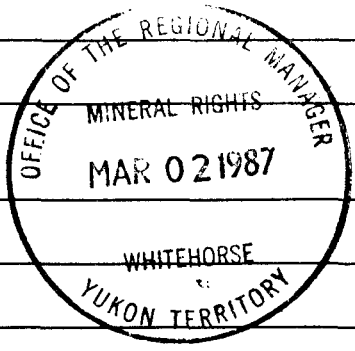


M.R. file no.
R.M.M.R. file no.
Date forwarded <i>8 March 1987</i>

### TRANSMITTAL FORM

From Mining Recorder at: *Whitehorse*

To Regional Manager, Mineral Rights at Whitehorse, Y.T.



For action are:

- NEW APPLICATION FOR PLACER LEASE TO PROSPECT Name
- RENEWAL APPLICATION PLACER LEASE TO PROSPECT Name Lease no.
- AFFIDAVIT OF EXPENDITURE ON PLACER LEASE Name Lease no.
- SECURITY DEPOSIT
- FINANCIAL ABILITY

ASSIGNMENT OF PLACER LEASE NO. From To

GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. Owner

DIAMOND DRILL LOGS Claims Claim sheet no.

QUARTZ ASSESSMENT REPORT Claims Claim sheet no.

*4195029 - etc*

*T65 1-18, 30-35 4194298-305* *105-C-11*

Type of report: *Geological Geochemical. Geophysical.* Submitted by: *Norman*

Cls. work performed on \$ for ren. application *4800.00*

*[Signature]*  
Signature

#### REPLY ACTION

Date returned *Mar 4/87*

*Rec'd / Appr'd*

**092046**

*DAEmond*  
Signature



M.R. file no.
R.M.M.R. file no.
Date forwarded <i>25 March 1987</i>

### TRANSMITTAL FORM

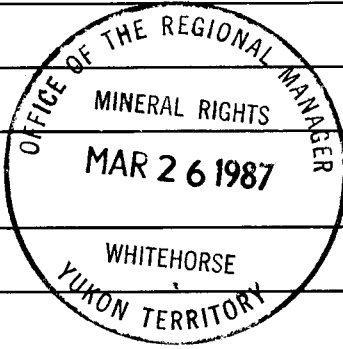
From ► Mining Recorder at: *Whitehorse*

To ► Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims <i>TES 11-14, 15-18 YA94298-ETC.</i>	Claim sheet no. <i>105-C-11</i>
	Type of report <i>Geological, Geochemical, Geophysical.</i>	Submitted by <i>N. G. ...</i>
	Cls. work performed on	\$ req. for ren. application <i>PREV. APPROVED.</i>

*[Signature]*  
Signature



REPLY ACTION

*Lady Si: as per our telephone conversation, re this report attached for information is two copies of the above report.*

*#39 TES* *M. F. L.*

*General Report File*

*[Signature]*  
Signature

GEOLOGY, GEOPHYSICS AND GEOCHEMISTRY, 1986

of the

TES 11-14 and TES 15-18 CLAIMS

TESLIN AEM PROGRAM (322)

Whitehorse Mining District

N.T.S. 105 C/10 and C/11

Latitudes: 60°36'N  
60°32'N

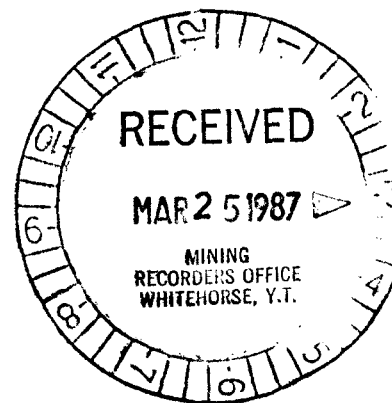
Longitudes: 133°32'W  
133°29'W



Author: C.J.R. Hart

Owner: Noranda Exploration Company, Limited  
(No Personal Liability)

Date: February, 1987



092046

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## SUMMARY

The TES claims, 11-14 and 15-28, consist of two blocks of four claims, each located northwest of Johnson's Crossing, only 10 and 5 kilometres from the Alaska Highway. The claims are underlain by Triassic age volcanic and volcano-sedimentary rocks which are typically mafic in composition. Similar rocks host known volcanogenic massive sulphide deposits.

Approximately 770 kilometres of airborne AEM was undertaken to produce target areas for further work. Targets were then followed up with linecutting and ground E.M., magnetic and gravity surveys. Subsequent soil geochemistry surveys were unsuccessful in determining the source of the geophysical responses.

The results suggest that additional work on the property should be a low priority and restricted to prospecting.

## CHAPTER ONE: INTRODUCTION

### 1-1: INTRODUCTORY STATEMENT

The TES 11-14 (YA94298-YA94301) and TES 15-18 (YA94302-YA94305) claims are located approximately 10 and 5 kilometres northwest of the Squanga Lake airstrip, both less than 3 kilometres away from the Teslin River (Figure 1). The claims are wholly owned by Noranda Exploration Company, Limited (NPL). They were staked on February 20, 1986 to cover geophysical anomalies detected during an airborne survey. The underlying rocks are primarily Triassic basic volcanic flows and tuffs with lesser felsic volcanics and associated sediments. The airborne program was initiated to provide targets for the search of poly-metallic massive sulphide deposits.

### 1-2: LOCATION AND ACCESS

The TES 11-14 claims are situated at 60°36'N and 133°32'W while the TES 15-18 are 5 kilometres southeast at 60°32'N and 133°29'W. The claim blocks are on mapsheets 105 C/10 and 11 respectively (Figure 2).

Access to the property is by helicopter from either Whitehorse or Teslin. Although the Alaska Highway is only a few kilometres to the south, Squanga Creek and thick bush impede access to the walker. Johnson's Crossing is located 9 kilometres east along the highway from the Squanga airstrip.

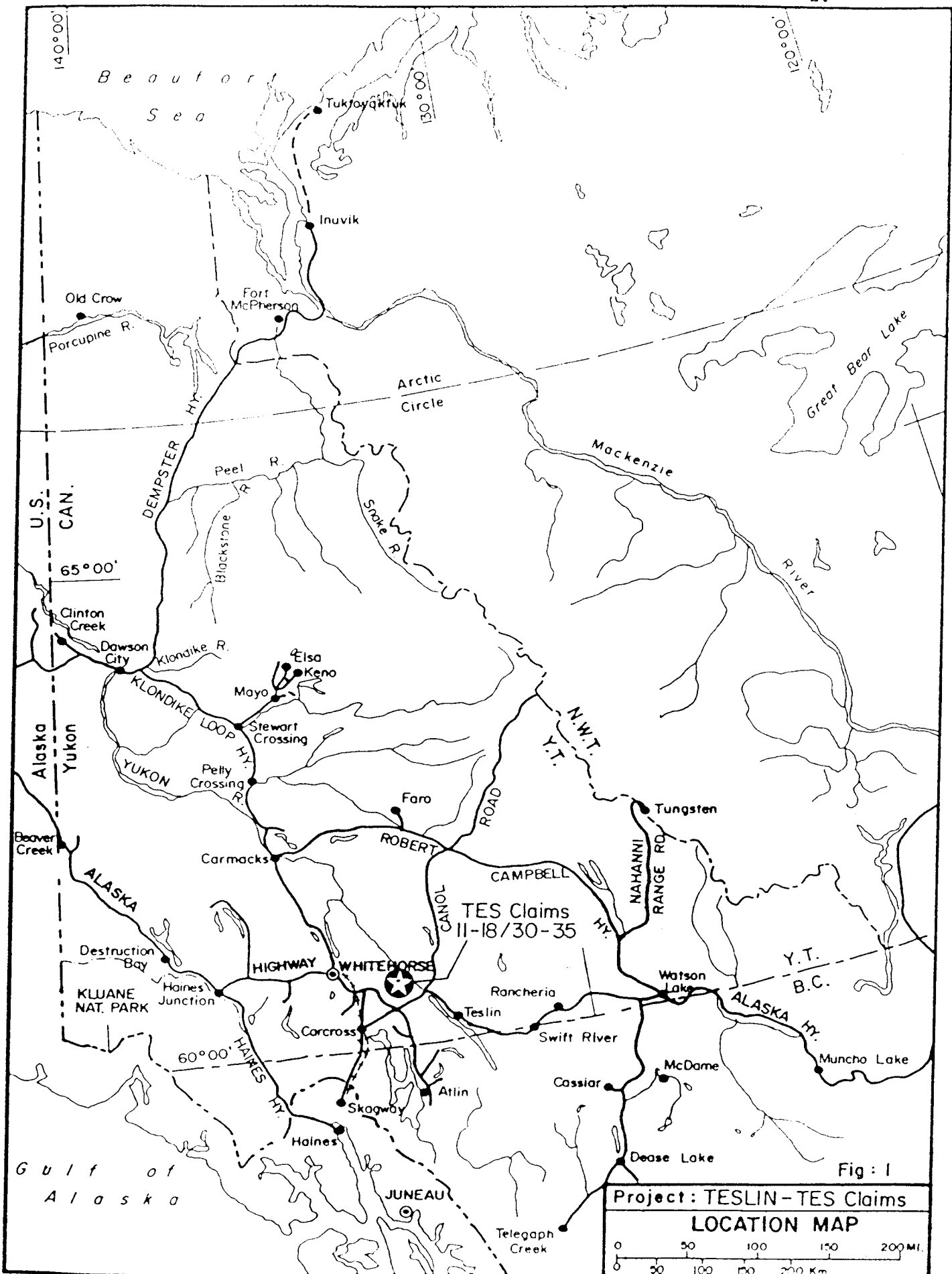


Fig: 1  
 Project: TESLIN-TES Claims  
 LOCATION MAP  
 0 50 100 150 200 MI.  
 0 50 100 150 200 Km

VANCAL 11928

092046

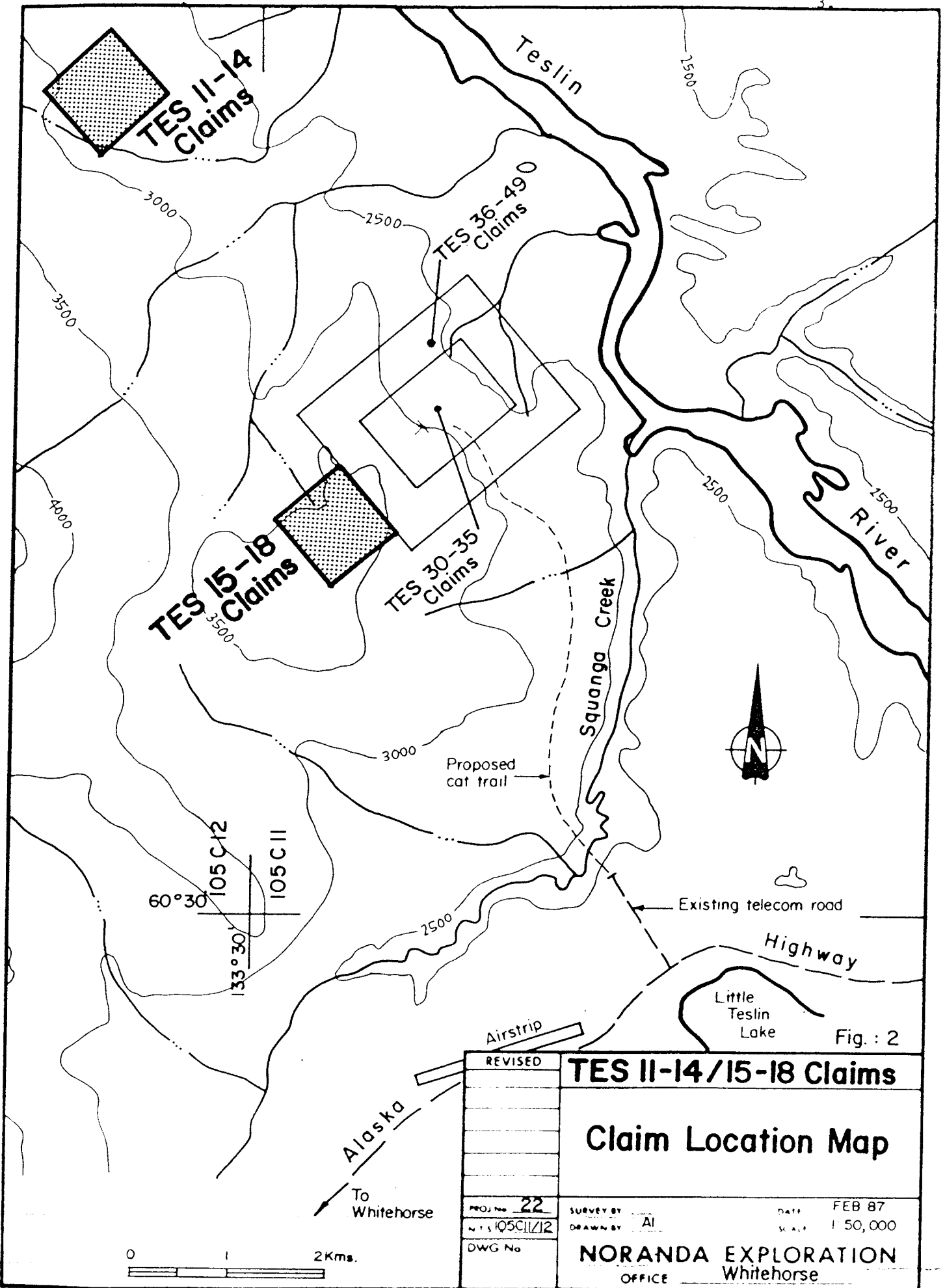


Fig. : 2

REVISED	<b>TES II-14/15-18 Claims</b>	
	<b>Claim Location Map</b>	
PROJ No <b>22</b>	SURVEY BY <b>AI</b>	DATE <b>FEB 87</b>
N.T.S <b>1:50,000</b>	DRAWN BY <b>AI</b>	SCALE <b>1:50,000</b>
DWG No	<b>NORANDA EXPLORATION</b>	
	OFFICE <b>Whitehorse</b>	

0 1 2 Kms.

Alaska  
To Whitehorse

VANCA 11927

002046

1-3: PHYSIOGRAPHY AND VEGETATION

Both properties are in the Yukon Plateau physiographic province. The local relief is approximately 3,700 feet with Streak Mountain at 6,214 feet providing the highest point and the Teslin River valley, at about 2,500 foot elevation, occupying the lowlands. Treeline is near 4,500 feet. The claims are between 3,000 feet and 3,500 feet above sea level. The topography is mainly low rounded, knobby hills with some steep cliffs.

Vegetation is often thick with alders and buckbrush. Mature forests provide easy walking by shading undergrowth development. Swamps are common.

1-4: HISTORY OF THE CLAIMS

The claims were staked in February of 1986 to cover geophysical anomalies detected during an airborne geophysical program flown late in 1985. No previous work is known for this area.

1-5: WORK PROGRAM

Following the staking of the airborne anomalies, 7.25 kilometres of line were cut to provide control and access for ground geophysics. Magnetometer, E.M. and gravity surveying was completed on the two grids during the winter.

The breakdown is as follows:

	TES 11-14	TES 15-18	TOTAL
Linecutting	4.25	3.00	7.25
SEM	4.25	3.00	7.25
Mag	3.90	3.00	6.90
Gravity	0.70	0.80	1.50

In June 1986, grid soil sampling and geology was completed on both claim blocks. Approximately 80 soil samples were taken from the TES 11-14 and 65 from the TES 15-18.

## CHAPTER TWO: GEOLOGY

### 2-1: REGIONAL GEOLOGY

The claim groups are located near the eastern margin of the Whitehorse Trough approximately 10-20 kilometres from the Teslin Suture Zone which juxtaposes the trough sediments and volcanics against rocks at the Yukon Crystalline Terrain (Figure 3).

The trough rocks are comprised of the Cache Creek, Lewes River and Laberge Groups. In the vicinity of the two claim groups, basic volcanic tuffs, flows and associated marine epiclastics dominate with minor amounts of conglomerate and acid volcanics. These are mainly members of the Triassic Lewes River Group. Cordillera Triassic volcanic rocks are known to host poly-metallic massive sulphide deposits (+/-Au), i.e. Windy Craggy, Green's Creek, Mt. Henry Clay, and Kutcho Creek.

### 2-2: PROPERTY GEOLOGY

Outcrop on both claim groups is scarce to non-existent and the geology has not yet been determined.

From reconnaissance traverses, the geology of the TES 11-14 claims is speculated as being underlain primarily by units 6 and 8 (Figure 4). The only outcrop located on the grid consists of a mafic tuff with minor, finer grained argillite.

No outcrops were located on the TES 15-18 grid.

WHITEHORSE TROUGH

YUKON CRYSTALLINE TERRAIN

**Legend**

- 1 Cretaceous granites
- 2 Jurassic dunites
- 3 Lewes River sediments
- 4 Volcanic rocks
- 5 Cache Creek sediments

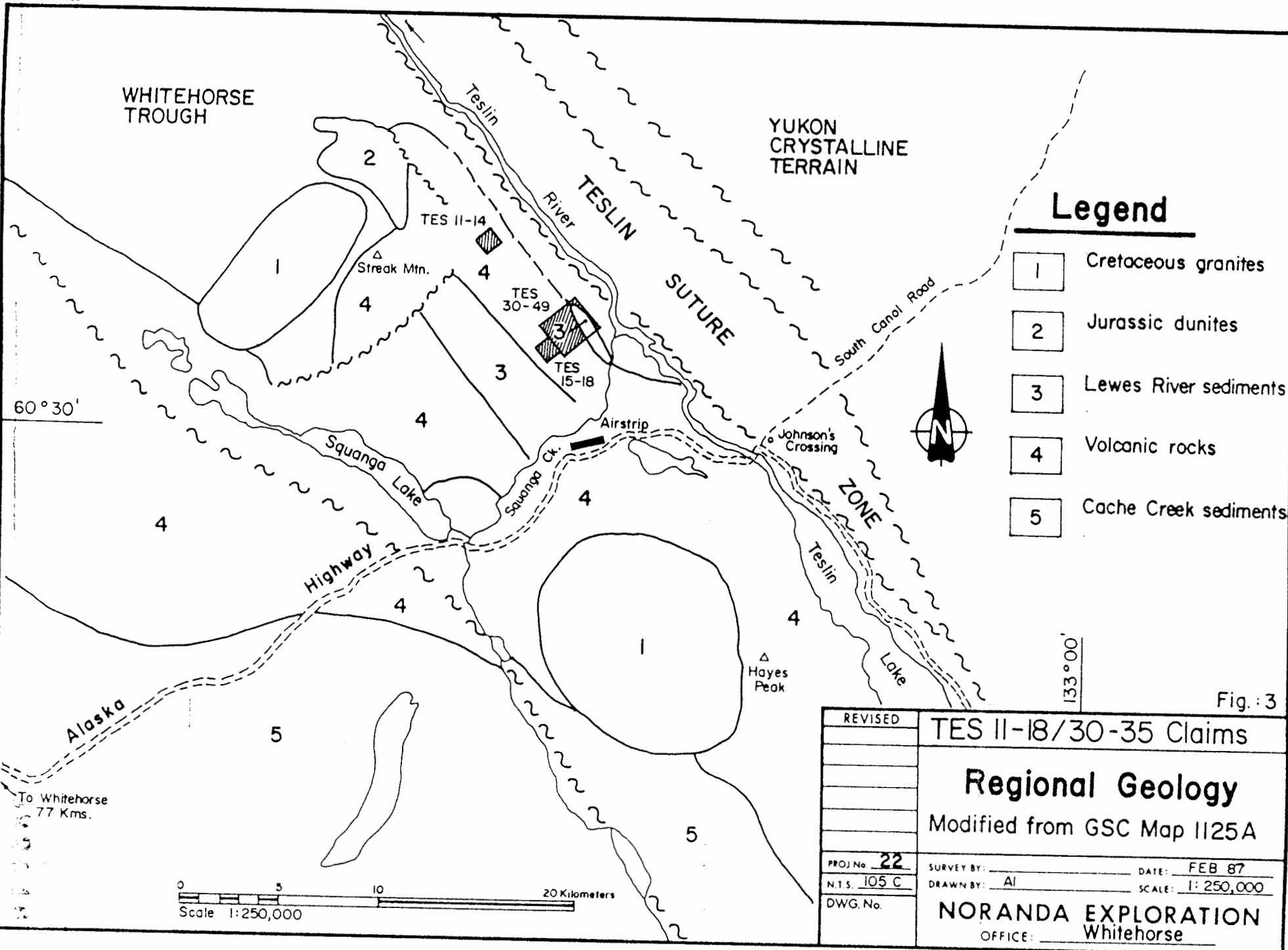
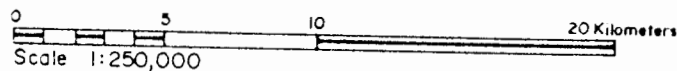


Fig. 3

REVISED	TES II-18/30-35 Claims
	<b>Regional Geology</b>
	Modified from GSC Map 1125A
PROJ No. <b>22</b>	SURVEY BY: _____ DATE: <b>FEB 87</b>
N.T.S. <b>105 C</b>	DRAWN BY: <b>AI</b> SCALE: <b>1: 250,000</b>
DWG. No.	<b>NORANDA EXPLORATION</b>
	OFFICE: <b>Whitehorse</b>



To Whitehorse  
77 Kms.

Alaska

CHAPTER THREE: GEOCHEMISTRY

Grid soil sampling was completed on both grids to cover the E.M. anomalies.

The TES 11-14 claims had 80 samples taken from 4.25 kilometres of grid. Results were disappointing with only two Cu values >50 ppm, four Zn values between 90 and 100 ppm and no anomalous values of Pb, Ag or As (Figure 5). Considering that the soils sampled overlie basic volcanic rocks, one would expect higher base metal values.

One rock sample was collected. Its description and geochemical results are listed in Appendix 4.

Results from the TES 15-18 were equally discouraging with no anomalous values of Pb, Ag or As. The best Zn and Cu values were 100 and 50 ppm respectively from the 65 samples taken along the 3.0 kilometres of grid (Figure 6).

CHAPTER FOUR: GEOPHYSICS

Approximately 770 kilometres of line was flown at 300 metre spacings during November, 1985. From that program, 10 areas of interest were determined.

The TES 11-14 and 15-18 were staked as a result of E.M. anomalies obtained during this program. They were assigned the numbers 940F and 740A respectively (Figure 4).

Ground follow-up of the airborne anomalies by magnetometer, H.L.E.M. (SE-88) and gravity surveys produced results which are discussed by L. Bradish as follows:

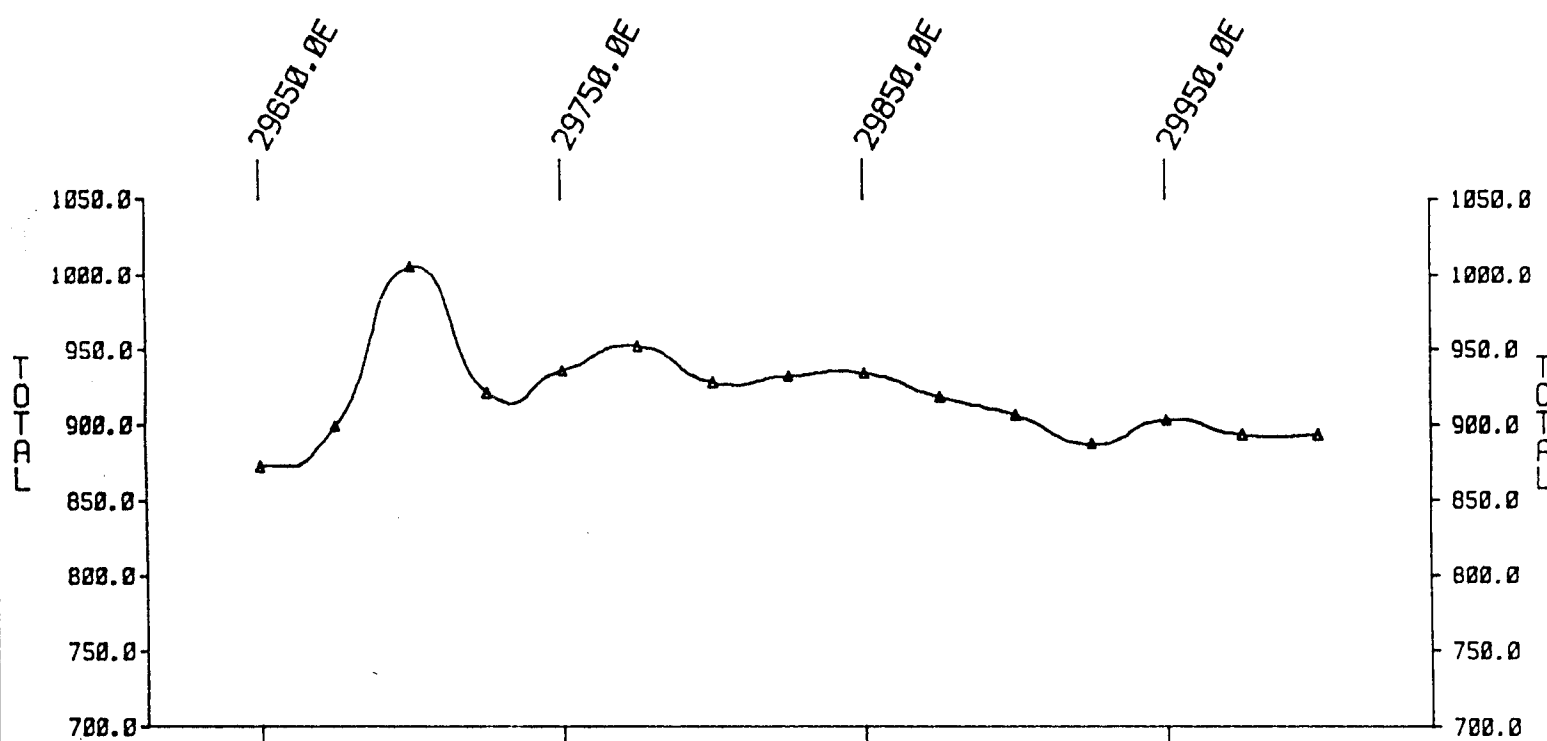
Teslin Geophysical Programme, February-March 1986, L. Bradish

Grid 740A - TES 15-18

Five lines of grid were established over a pair of Dighem E.M. responses whose conductivities are 3 and 4 Siemens. The ground E.M. survey defined a low conductivity (<8 Siemens) bedrock conductor some 400 metres in length. Line 30000N was surveyed with the Gravimeter and no response of interest was recorded. Geology should be completed on this target zone despite its low to medium priority as based on the geophysical results (Figures 7, 8 and 9).

Grid 940F - TES 11-14

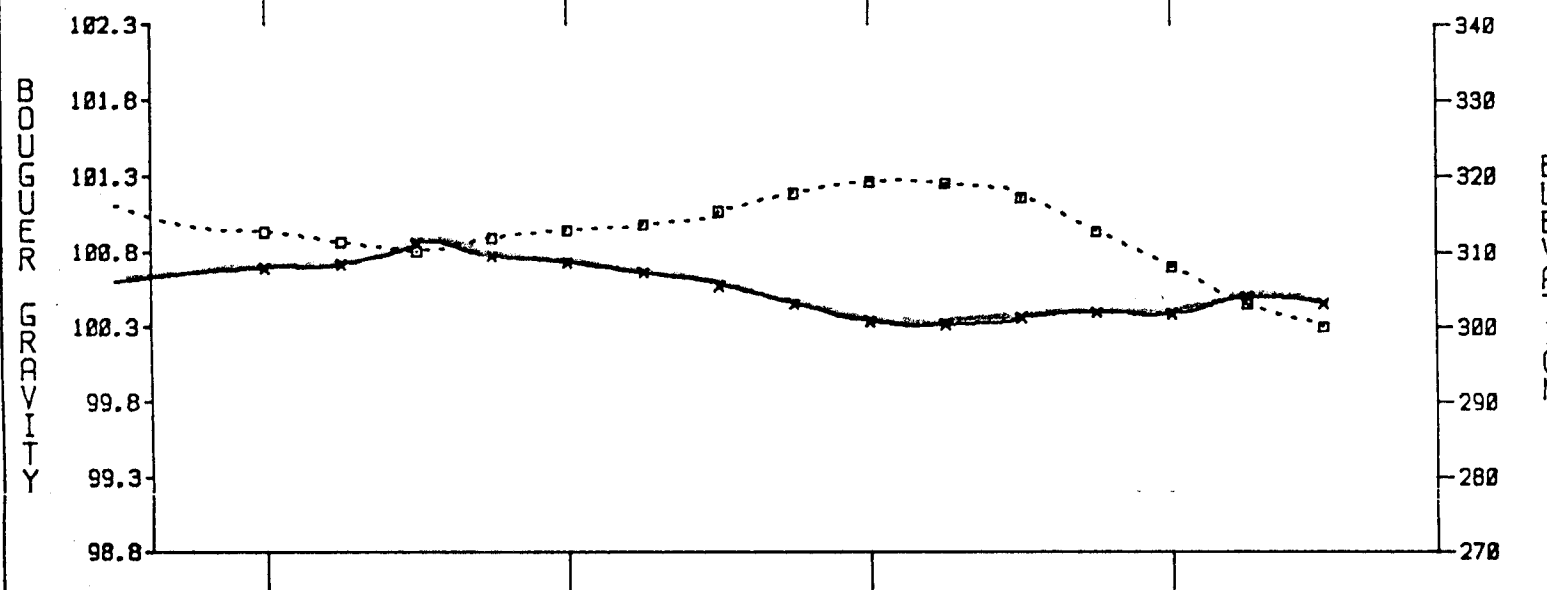
Seven lines of SE-88 and mag were established over a group of Dighem responses having a maximum conductivity of 15 Siemens. The ground geophysics which consisted of SE-88, mag and gravity do not provide a clear explanation. The SE-88 results have defined a wedge of low resistivity with a base on Line 20400N and an apex at 20100N. In addition, there appears to be a narrow zone of steeply dipping conductivity on the east flank of the low resistivity unit and continuing in a southerly direction. The gravity has not identified any abnormality in the field. Geology should be completed prior to initiating additional geophysics (Figures 10, 11 and 12).



**MAGNETOMETER SURVEY**

Field : Total  
 Instr : UNIMAG  
 Datum : 57000.0 nT

Scale : 50 nT / cm

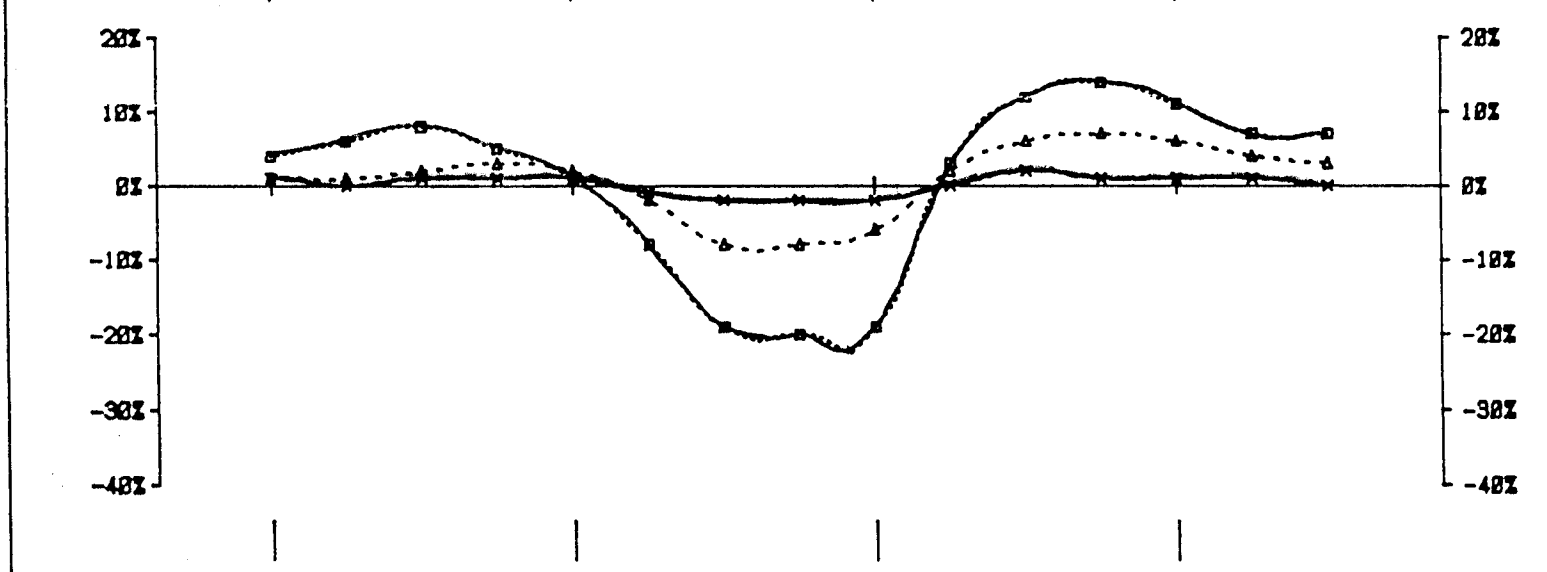


**GRAVITY SURVEY**

Bouguer  
 Elevation

Vertical Scale  
 Gravity : 0.5 mg/cm  
 Elevation : 10 m/cm

Bouguer  
 Density : 2.800 gm/cc



**SE-88 SURVEY**

337 Hz — x —  
 1012 Hz — + —  
 3037 Hz — o —

Integration : 16 Sec  
 Coil sep. : 100 m  
 Ref. Frequency: 112  
 Vert. Scale : 10% / cm

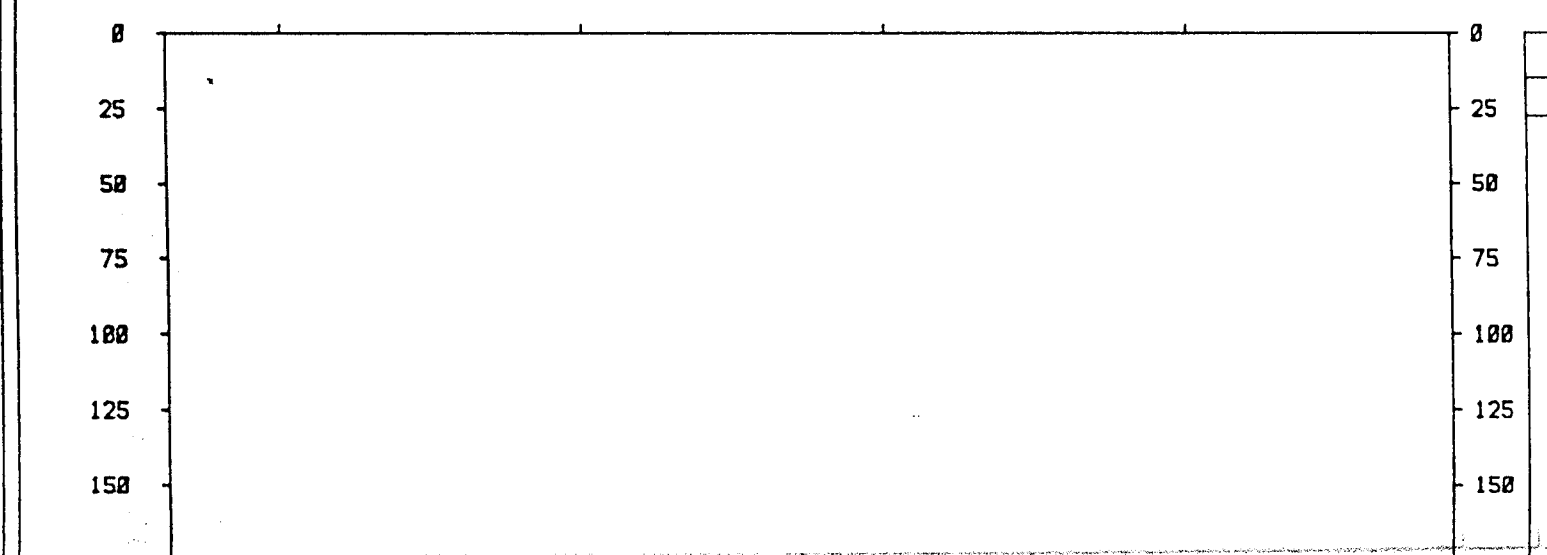


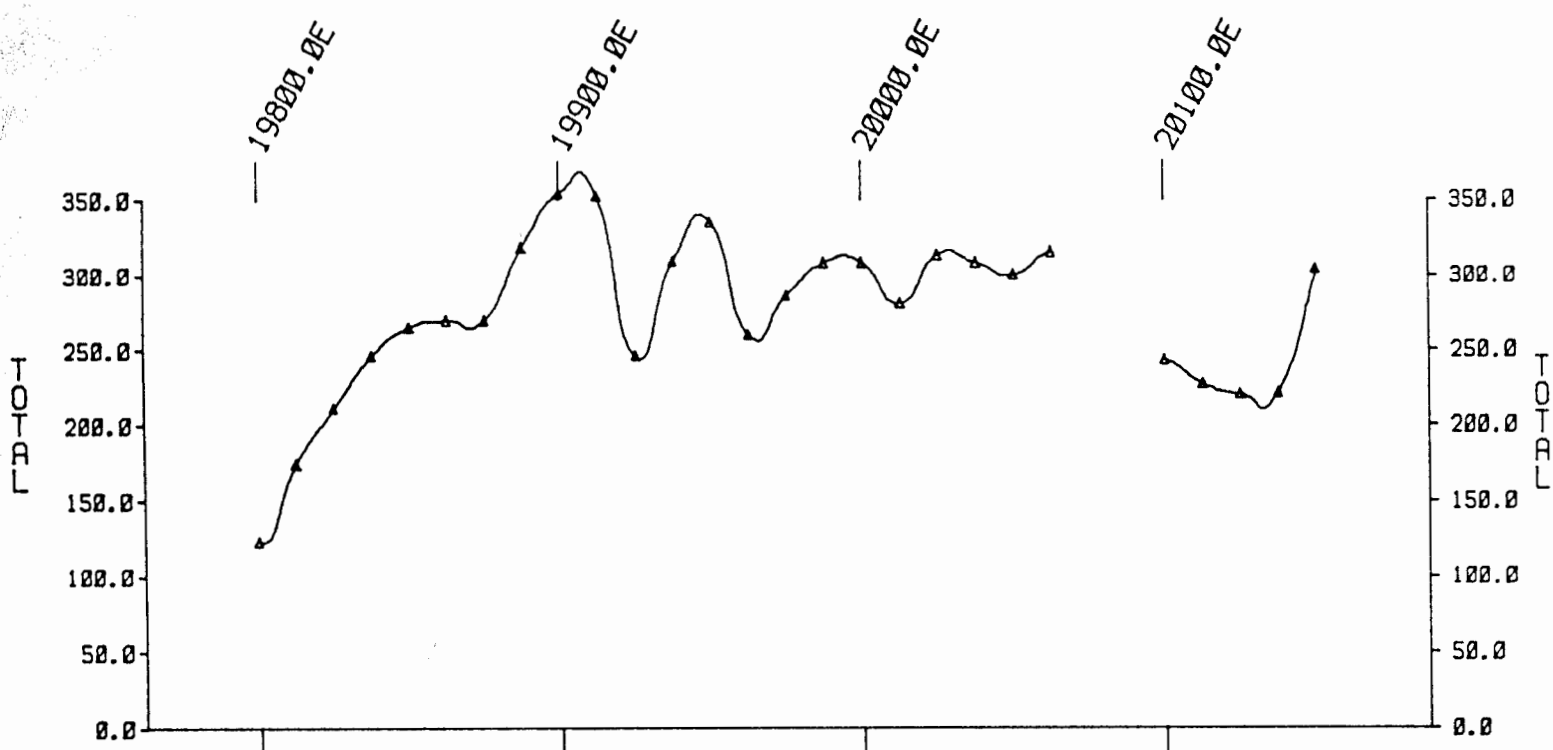
Fig : 9

**GEOCOMPILATION**  
**TESLIN**

Line : 30000.0N  
 Grid : 740A

Proj. # : 322  
 Scale : 1:2500  
 Date : 4/ 3/8  
 NTS :

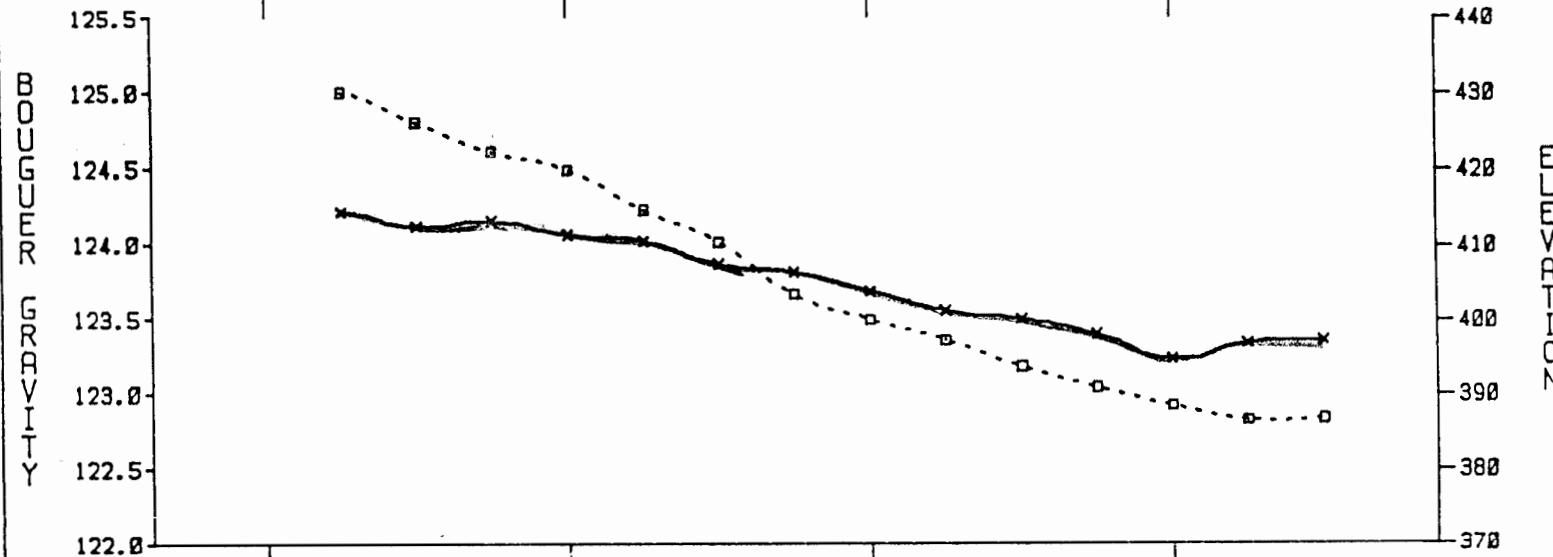
NORANDA EXPLORATION



**MAGNETOMETER SURVEY**

Field : Total  
 Instr : MP-3  
 Datum : 57500.0 nT

Scale : 50 nT / cm

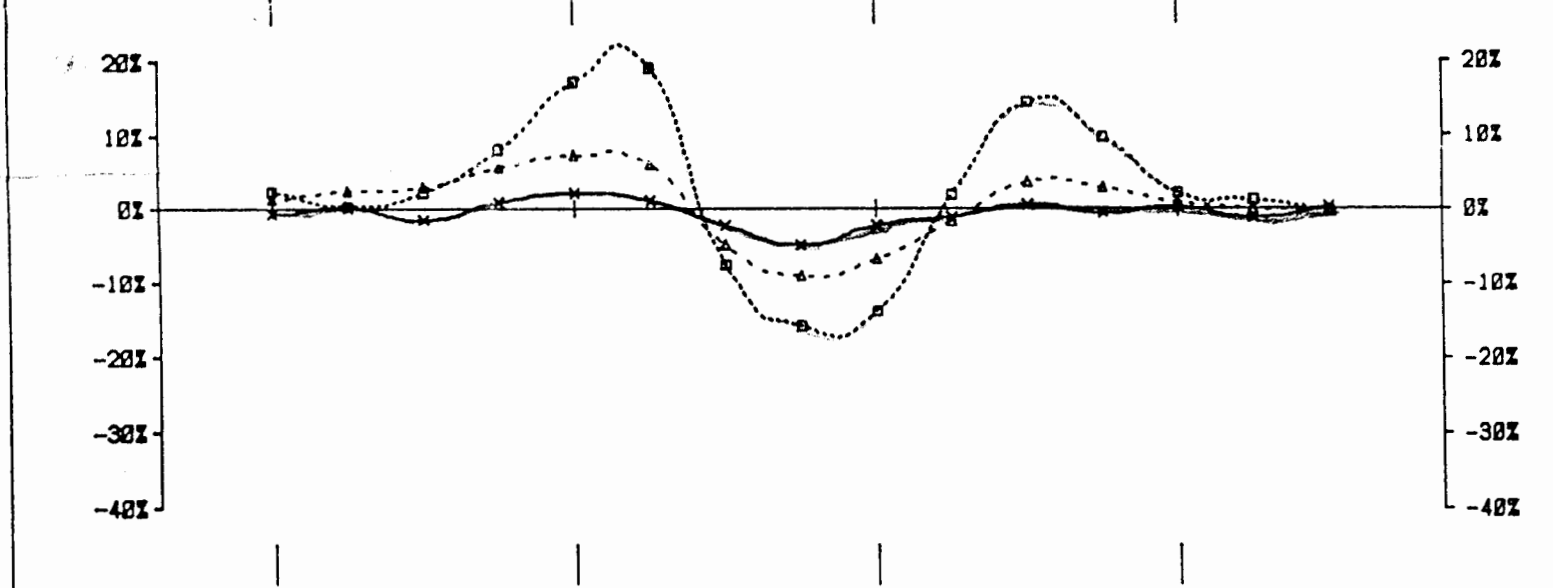


**GRAVITY SURVEY**

Bouguer  
 Elevation

Vertical Scale  
 Gravity : 0.5 mG/cm  
 Elevation : 10 m/cm

Bouguer  
 Density : 2.800 gm/cc



**SE-88 SURVEY**

337 Hz —x—  
 1012 Hz - -△- -  
 3037 Hz - -□- -

Integration : 16 Sec  
 Coil sep. : 100 m  
 Ref. Frequency: 112  
 Vert. Scale : 10% / cm

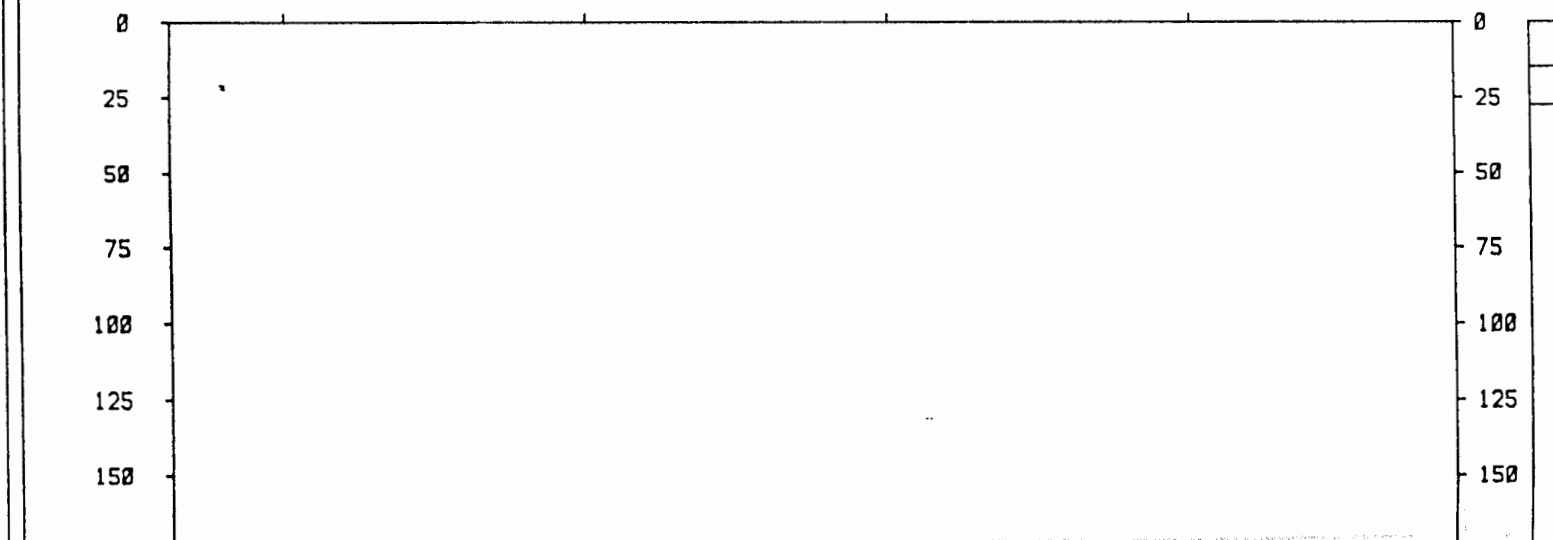


Fig.: 12

**GEOCOMPILATION**  
**TESLIN AIRBORNE**

Line : 20100.0N  
 Grid : 940F

Proj. #: 322  
 Scale : 1:2500  
 Date : 4/ 3/8  
 NTS :

NORANDA EXPLORATION

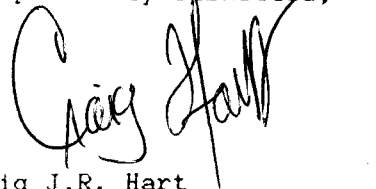
CHAPTER FIVE: CONCLUSIONS AND RECOMMENDATIONS

The TES 11-14 claims (Grid 940F) were staked to cover a coincident magnetic high and E.M. conductor as determined from a regional airborne program completed in November, 1985. Subsequent ground geophysics follow-up using H.L.E.M., mag and gravity did not provide a clear explanation of the airborne anomalies. Although a zone of low resistivity was defined, magnetometer and gravity surveys did not produce any anomalous results. Grid soil sampling also failed to uncover any geochemical anomalies.

The TES 15-18 claims (Grid 740A) were staked to cover a pair of airborne E.M. responses. Ground geophysics located a weak bedrock conductor up to 400 metres in length. Again, gravity, magnetics and geochemical soil sampling did not detect any significant anomalies.

Although both anomalies are weak E.M. conductors, they failed to have any positive response from the other surveys and the cause of their conductivity is unknown. Prospecting and hand pits along the conductor axis could be carried out at some future date.

Respectfully submitted,



Craig J.R. Hart  
Geologist

REFERENCES

Bradish, L., 1986. Internal Noranda Memo to W. Reid, Teslin Geophysical Programme.

Reid, W., 1986. Geological and Geophysical Compilation Teslin Area. Noranda Map.



133° 15'

60° 30'

133° 00'

133° 30'

133° 45'

133° 15'



**Legend**

**CRETACEOUS**

COAST RANGE & CASSIAR INTRUSIONS

9 Granite, Granodiorite.

**TRIASSIC ?**

8 Acid volcanics; pyroclastics, tuffs, breccias, flows.

7 Intermediate volcanics, flows.

6 Basic volcanics, agglomerates, pillow lavas and tuffs.

**5 EPICLASTIC ROCKS**

5a Volcanic sandstone

5b Conglomerate, tuffs

5c Argillite, lesser tuffs & siltstone

**PERMIAN and Carboniferous ?**

CACHE CREEK GROUP

4 Limestone, interbedded chert & argillite.

3 Basic volcanics, mainly green tuff, minor carbonate & chert.

**2 MAFIC & ULTRAMAFIC INTRUSIVES**

2a Ultramafic rocks

2b Diorite

**MISSISSIPPIAN or Earlier**

BIG SALMON COMPLEX

1 Schist, gneiss, quartzite & greenstone.

**Symbols**

Limit of Pleistocene glacio-lacustrine sediments

Geological contact (approx., presumed)

Outcrop

71234 Whole rock analysis and thin section

71707 Thin section only

Bedding

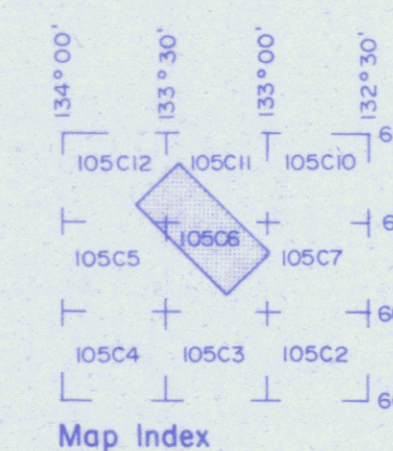
Foliation

Full AEM coverage - 801 line km. at 300m. spacing

**PRELIMINARY GEOPHYSICAL FOLLOW UP**

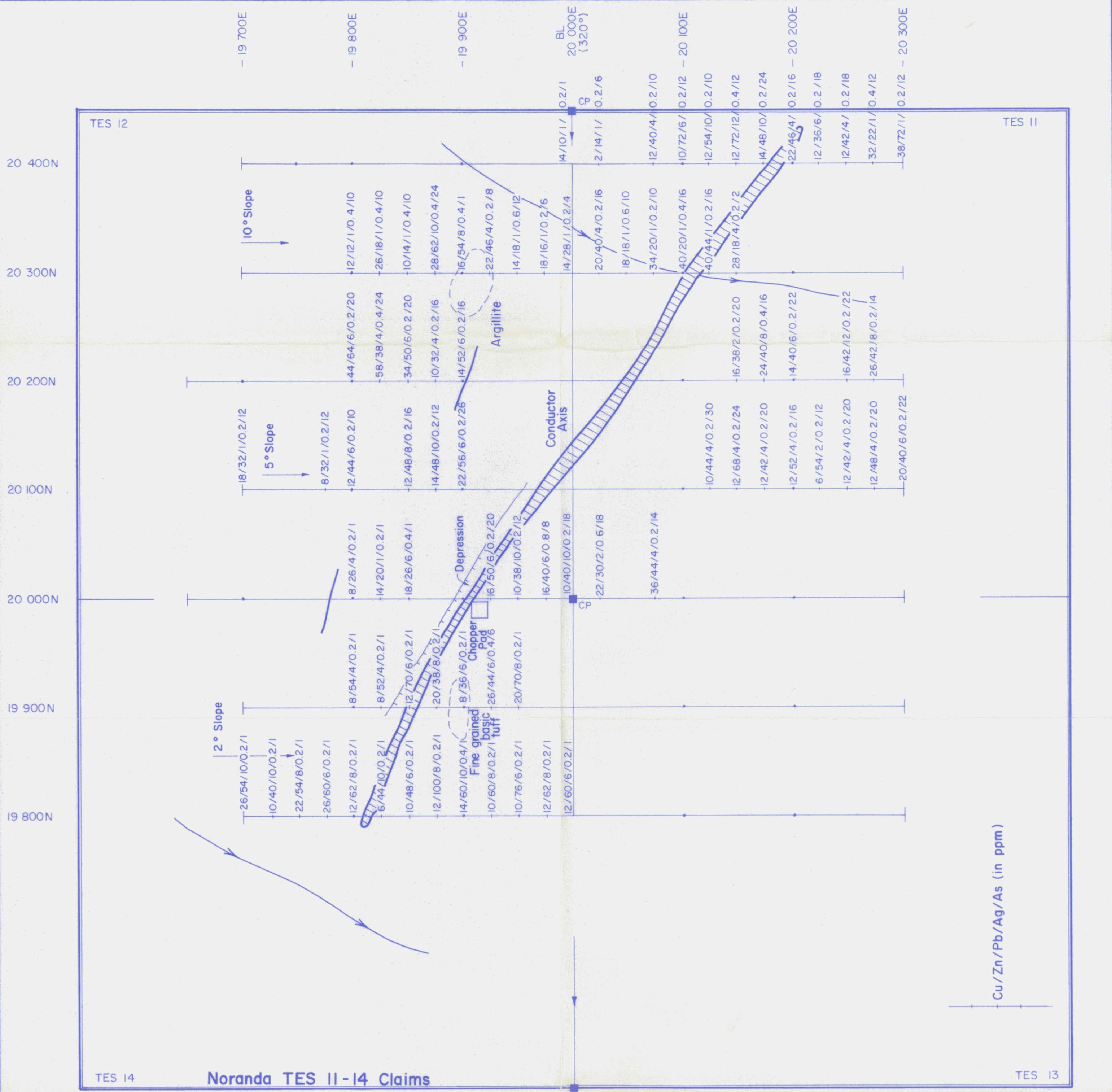
(X) Bedrock Conductor  
Further work planned.

(O) No further work.



REVISED		TESLIN AREA	
		092046	
		Geological & Geophysical Compilation	
PROJ. No.	SURVEY BY: WR	DATE: SEP 85	
N.T.S. 105C 6/11/12	DRAWN BY: AI	SCALE: 1:50,000	
DWG. No.	NORANDA EXPLORATION		Whitehorse
	OFFICE:		

Fig.: 4



Cu/Zn/Pb/Ag/As (in ppm)

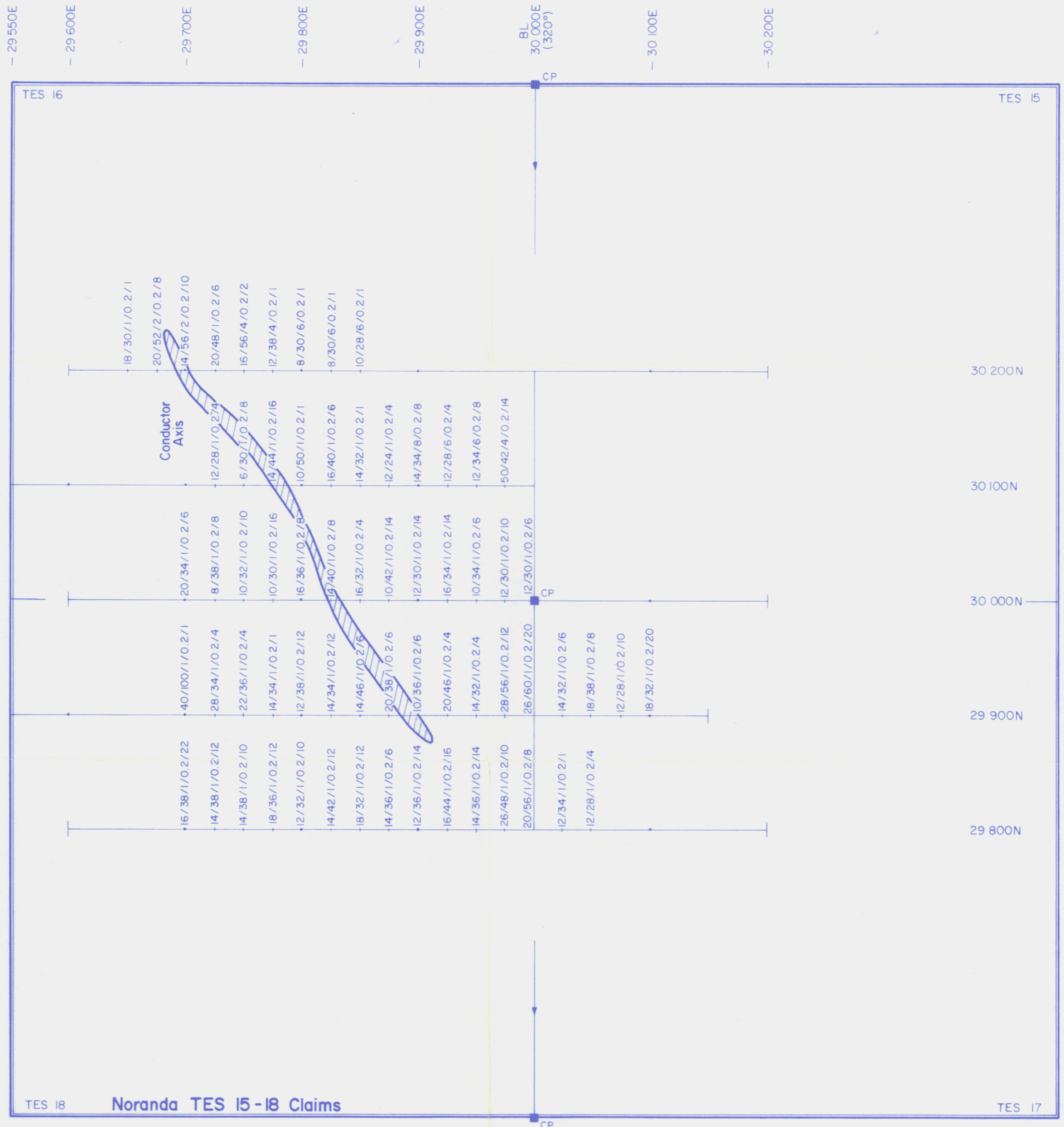
Noranda TES II-14 Claims



92046 Fig. : 5

REVISED	TESLIN AEM (TES Claims)	
	AEM Anomaly 940 F	
	Soil Geochem Results & Geology	
	(Cu/Zn/Pb/Ag/As in ppm)	
PROJ. No. 22	SURVEY BY	DATE
N.T.S. 105 C 12	DRAWN BY AI	SCALE 1:2500
DWG No.	<b>NORANDA EXPLORATION</b>	
	OFFICE Whitehorse	

1061



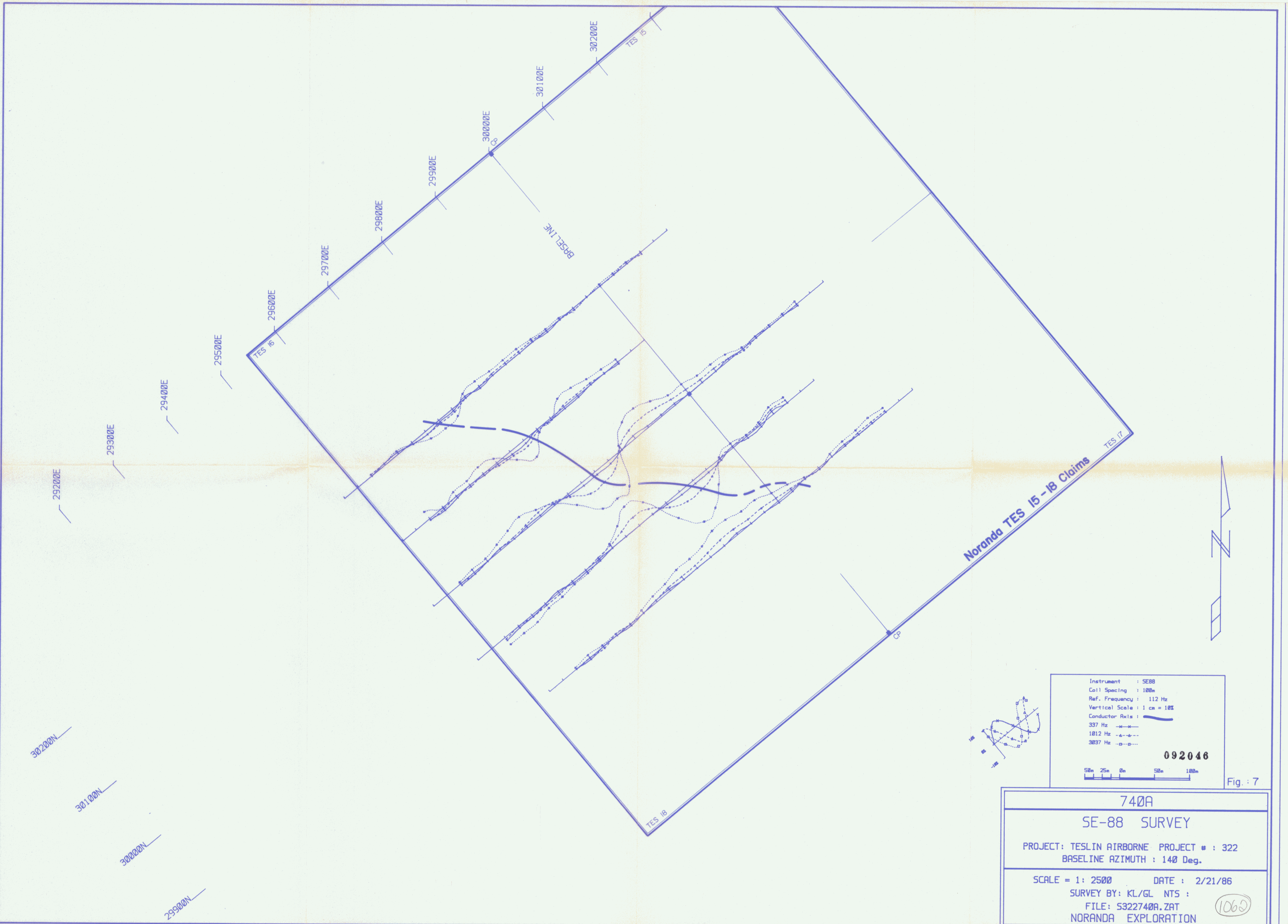
TES 18 **Noranda TES 15-18 Claims** TES 17



092046  
092046  
Fig. : 6

REVISED	<b>TESLIN AEM (TES Claims)</b>	
	AEM Anomaly 740 A	
	<b>Soil Geochem Results</b>	
	(Cu/Zn/Pb/Ag/As in ppm)	
PROJ. No. <b>22</b>	SURVEY BY:	DATE:
N.T.S. <b>1:50 000</b>	DRAWN BY: <b>AI</b>	SCALE: <b>1:2500</b>
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE <b>Whitehorse</b>	

1063



29200E  
 29300E  
 29400E  
 29500E  
 29600E  
 29700E  
 29800E  
 29900E  
 30000E  
 30100E  
 30200E

TES 15  
 TES 16  
 TES 17  
 TES 18  
 BRCEL LINE  
 Noranda TES 15-18 Claims  
 CP

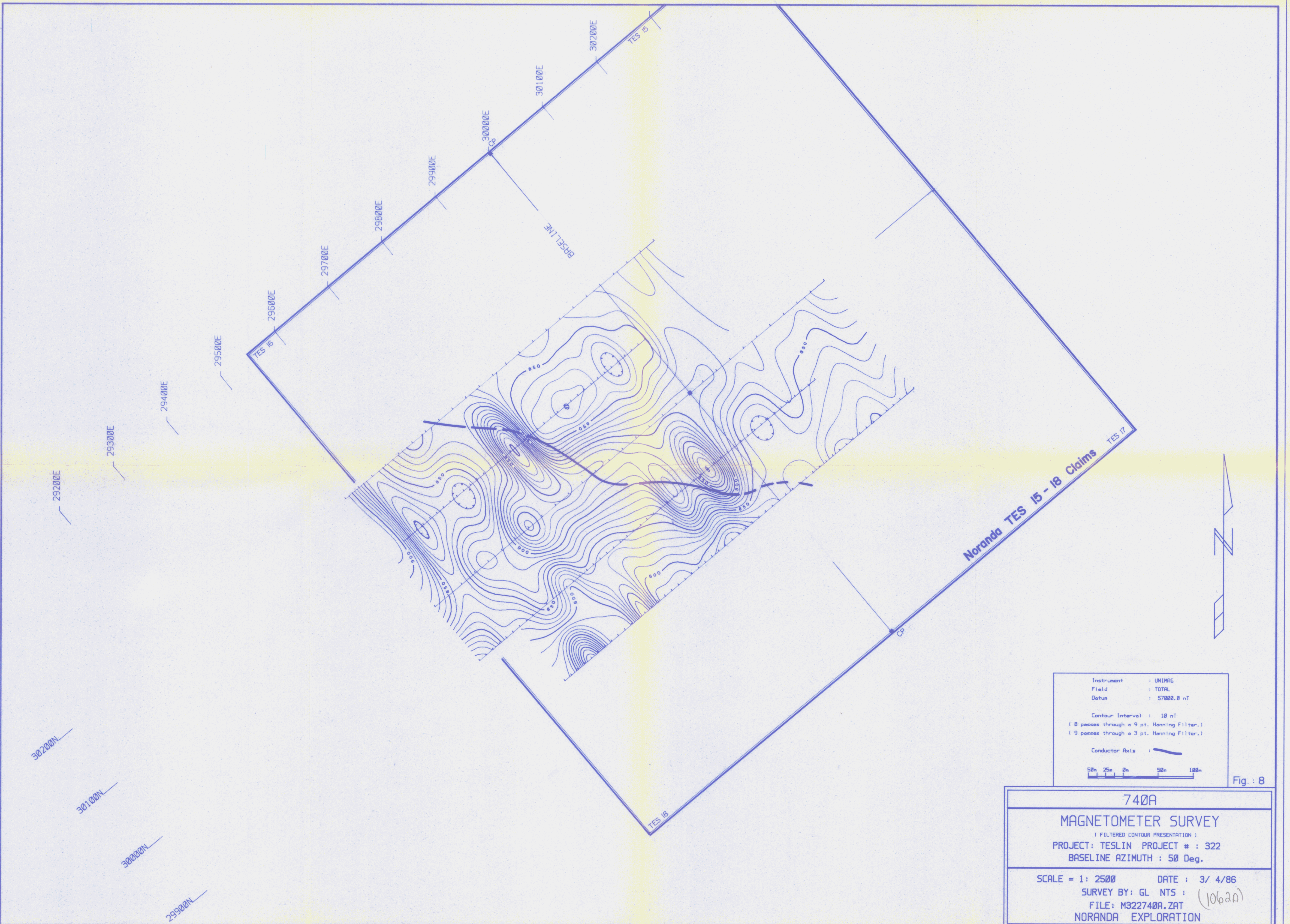


Instrument : SE88  
 Coil Spacing : 100m  
 Ref. Frequency : 112 Hz  
 Vertical Scale : 1 cm = 10%  
 Conductor Axis :   
 337 Hz   
 1012 Hz   
 3037 Hz   
**092046**  
 50m 25m 0m 50m 100m

Fig : 7

740A	
SE-88 SURVEY	
PROJECT: TESLIN AIRBORNE PROJECT # : 322 BASELINE AZIMUTH : 140 Deg.	
SCALE = 1: 2500	DATE : 2/21/86
SURVEY BY: KL/GL NTS :	
FILE: S322740A.ZAT	
NORANDA EXPLORATION	

1065





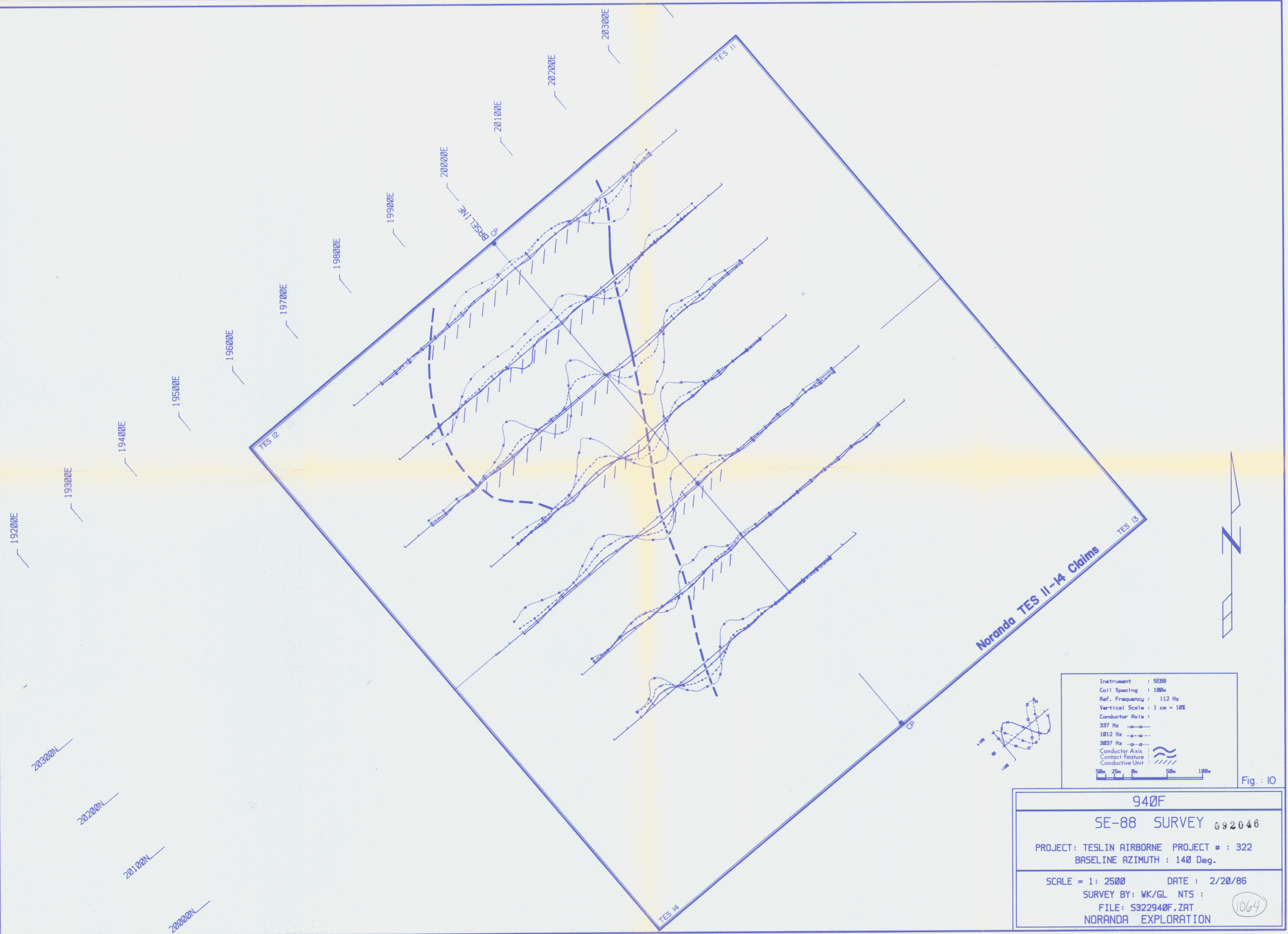
Instrument : UNIMAG  
 Field : TOTAL  
 Datum : 57000.0 nT  
  
 Contour Interval : 10 nT  
 ( 8 passes through a 9 pt. Hanning Filter.)  
 ( 9 passes through a 3 pt. Hanning Filter.)  
  
 Conductor Axis :   
  


Fig : 8

740A	
<b>MAGNETOMETER SURVEY</b>	
( FILTERED CONTOUR PRESENTATION )	
PROJECT: TESLIN PROJECT # : 322	
BASELINE AZIMUTH : 50 Deg.	
SCALE = 1: 2500	DATE : 3/ 4/86
SURVEY BY: GL NTS : (1062A)	
FILE: M322740A.ZAT	
NORANDA EXPLORATION	





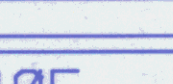

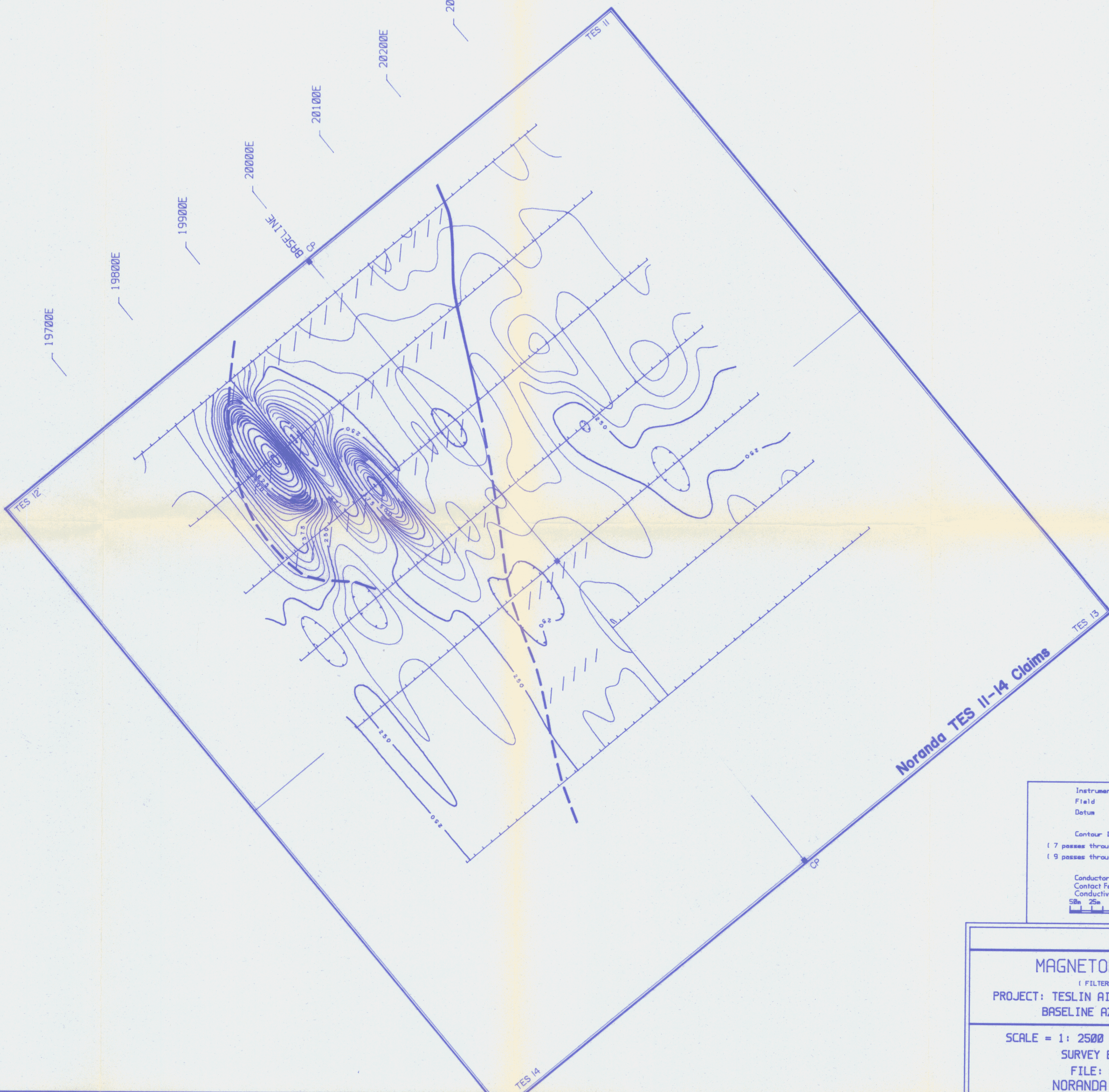
Instrument : SE88  
 Coil Spacing : 100m  
 Ref. Frequency : 112 Hz  
 Vertical Scale : 1 cm = 10%  
 Conductor Axis :  
 337 Hz ———  
 1012 Hz - - -  
 3037 Hz - - -  
 Conductor Axis :   
 Contact Feature :   
 Conductive Unit :   




Fig : 10

940F	
SE-88 SURVEY 092046	
PROJECT: TESLIN AIRBORNE PROJECT # : 322 BASELINE AZIMUTH : 140 Deg.	
SCALE = 1 : 2500	DATE : 2/20/86
SURVEY BY: WK/GL NTS :	
FILE: S322940F.ZAT	
NORANDA EXPLORATION	

1064



Instrument	: MP-3
Field	: TOTAL
Datum	: 57500.0 nT
Contour Interval : 25 nT	
( 7 passes through a 9 pt. Hanning Filter. )	
( 9 passes through a 3 pt. Hanning Filter. )	
Conductor Axis	:
Contact Feature	:
Conductive Unit	:
Scale	: 25m 50m 100m

Fig. : II

940F	
<b>MAGNETOMETER SURVEY</b>	
( FILTERED CONTOUR PRESENTATION )	
PROJECT: TESLIN AIRBORNE	PROJECT # : 322
BASELINE AZIMUTH : 140 Deg.	
SCALE = 1: 2500	DATE : 3/ 4/86
SURVEY BY: LL NTS :	
FILE: M322940F.ZAT	
NORANDA EXPLORATION	



1065

APPENDIX 1

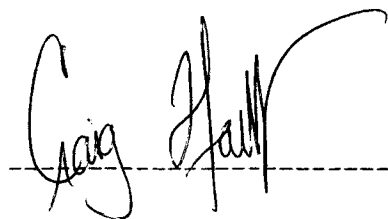
STATEMENT OF QUALIFICATIONS

'092046'

STATEMENT OF QUALIFICATIONS

I, Craig J.R. Hart of Whitehorse, Yukon, do hereby certify that:

1. I have been employed as a geologist by Noranda Exploration Company, Limited (No Personal Liability) in Whitehorse, Y.T. since May, 1986.
2. I am a graduate of McMaster University, Hamilton, Ontario with a Major B.Sc. in Geology (1986).
3. I am an Associate of the Geological Association of Canada, a member of the C.I.M.M., the B.C. and Yukon Chamber of Mines and the Prospectors and Developers Association.
4. I was a geologist on the crew which conducted the work described in this report.

A handwritten signature in black ink, appearing to read "Craig Hart", written over a horizontal dashed line.

Craig J.R. Hart  
Geologist

APPENDIX 2

STATEMENT OF COSTS

STATEMENT OF COSTS

PROJECT: TES 11-14 Claims

Labour:		
12 mandays @ \$130.00	1560.00	
Helicopter:		
3 hrs. @ \$550.00	1650.00	
Lodging, Supplies, etc:	180.00	
Geophysical Equipment:	80.00	
Analysis:		
80 @ \$6.00	480.00	
Plotting, report writing, drafting, etc:	300.00	
Linecutting contract:	<u>600.00</u>	
	TOTAL	\$4850.00

PROJECT: TES 15-18 Claims

Labour:		
8 mandays @ \$130.00	1040.00	
Helicopter:		
2 hrs. @ \$550.0	1100.00	
Lodging, Supplies, etc:	150.00	
Geophysical Equipment:	60.00	
Analysis:		
65 @ \$6.00	390.00	
Plotting, report writing, drafting, etc:	<u>200.00</u>	
	TOTAL	\$2940.00

092046

APPENDIX 3

SOIL GEOCHEMICAL RESULTS

092046

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: TESLIN

CODE : 8606-070

Project No. : 322

Sheet: 1 of 7

Date rec'd: JUN. 25

Material : SOIL

Geol.: W.R.

Date compl: JUL. 08

Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As
130	19800N-19700E	26	54	10	0.2	1
131	19725	10	40	10	0.2	1
132	19750	22	54	8	0.2	1
133	19775	26	60	6	0.2	1
134	19800	12	62	8	0.2	1
135	19825	6	44	10	0.2	1
136	19850	10	48	6	0.2	1
137	19875	12	100	8	0.2	1
138	19900	14	60	10	0.4	1
139	19925	10	60	8	0.2	1
140	19950	10	76	6	0.2	1
141	19975	12	62	8	0.2	1
142	19800N-20000E	12	60	6	0.2	1
143	19900N-19800E	8	54	4	0.2	1
144	19825	8	52	4	0.2	1
145	19850	12	70	6	0.2	1
146	19875	20	38	8	0.2	1
147	19900	8	36	6	0.2	1
148	19925	26	44	6	0.4	6
149	19900N-19950E	20	70	8	0.2	1
2	20000N-19800E	8	26	4	0.2	1
3	19825	14	20	1	0.2	1
4	19850	18	26	6	0.4	1
5	19925	16	50	6	0.2	20
6	19950	10	38	10	0.2	12
7	19975	16	40	6	0.8	8
8	20000	10	40	10	0.2	18
9	20025	22	30	2	0.6	18
10	20000N-20075E	36	44	4	0.2	14
11	20100N-19700E	18	32	1	0.2	12
12	19775	8	32	1	0.2	12
13	19800	12	44	6	0.2	10
14	19850	12	48	8	0.2	16
15	19875	14	48	10	0.2	12
16	19900	22	56	6	0.2	26
17	20125	10	44	4	0.2	30
18	20150	12	68	4	0.2	24
19	20175	12	42	4	0.2	20
20	20200	12	52	4	0.2	16
21	20225	6	54	2	0.2	12
22	20250	12	42	4	0.2	20
23	20275	12	48	4	0.2	20
24	20100N-20300E	20	40	6	0.2	22
25	20200N-19800E	44	64	6	0.2	20
26	19825	58	38	4	0.4	24
27	19850	34	50	6	0.2	20
28	19875	10	32	4	0.2	16
29	20200N-19900E	14	52	6	0.2	16

64 50 10'

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As
30	20200N-20150E	16	38	2	0.2	20
31	20175	24	40	8	0.4	16
32	20200	14	40	6	0.2	22
33	20250	16	42	12	0.2	22
34	20200N-20275E	26	42	8	0.2	14
35	20300N-19800E	12	12	1	0.4	10
36	19825	26	18	1	0.4	10
37	19850	10	14	1	0.4	10
38	19875	28	62	10	0.4	24
39	19900	16	54	8	0.4	1
40	19925	22	46	4	0.2	8
41	19950	14	18	1	0.6	12
42	19975	18	16	1	0.2	6
43	20000	14	28	1	0.2	4
44	20025	20	40	4	0.2	16
45	20050	18	18	1	0.6	10
46	20075	34	20	1	0.2	10
47	20100	40	20	1	0.4	16
48	20125	40	44	1	0.2	16
49	20300N-20150E	28	18	4	0.2	2
50	20400N-20000E	14	10	1	0.2	1
51	20025	2	14	1	0.2	6
52	20075	12	40	4	0.2	10
53	20100	10	72	6	0.2	12
54	20125	12	54	10	0.2	10
55	20150	12	72	12	0.4	12
56	20175	14	48	10	0.2	24
57	20200	22	46	4	0.2	16
58	20225	12	36	6	0.2	18
59	20250	12	42	4	0.2	18
60	20400N-20275E	32	22	1	0.4	12
61	2800N-3525E	18	32	1	0.4	14
62	20400N-20300E	38	72	1	0.2	12

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As
144	30100E-29775N	14	44	1	0.2	16
145	29800	10	50	1	0.2	1
146	29825	16	40	1	0.2	6
147	29850	14	32	1	0.2	1
148	29875	12	24	1	0.2	4
149	29900	14	34	8	0.2	8
2	29925	12	28	6	0.2	4
3	29950	12	34	6	0.2	8
4	30100E-29975N	50	42	4	0.2	14
5	30200E-29650N	18	30	1	0.2	1
6	29675	20	52	2	0.2	8
7	29700	14	56	2	0.2	10
8	29725	20	48	1	0.2	6
9	29750	16	56	4	0.2	2
10	29775	12	38	4	0.2	1
11	29800	8	30	6	0.2	1
12	29825	8	30	6	0.2	1
13	<u>30200E</u> -29850N	10	28	6	0.2	1

8606-070  
Pg. 3 of 7

740A  
↑

No.	No.	Cu	Zn	Pb	Hg	As
96	29800E-29700N	18	38	1	0.2	22
97	29725	14	38	1	0.2	12
98	29750	14	38	1	0.2	10
99	29775	18	36	1	0.2	12
100	CHECK NL-5	24	68	70	1.2	60
101	29800	12	32	1	0.2	10
102	29825	14	42	1	0.2	12
103	29850	18	32	1	0.2	12
104	29875	14	36	1	0.2	6
105	29900	12	36	1	0.2	14
106	29925	16	44	1	0.2	16
107	29950	14	36	1	0.2	14
108	29975	26	48	1	0.2	10
109	30000	20	56	1	0.2	8
110	30025	12	34	1	0.2	1
111	29800E-30050N	12	28	1	0.2	4
112	29900E-29700N	40	100	1	0.2	1
113	29725	28	34	1	0.2	4
114	29750	22	36	1	0.2	4
115	29775	14	34	1	0.2	1
116	29800	12	38	1	0.2	12
117	29825	14	34	1	0.2	12
118	29850	14	46	1	0.2	6
119	29875	20	38	1	0.2	6
120	29900	10	36	1	0.2	6
121	29925	20	46	1	0.2	4
122	29950	14	32	1	0.2	4
123	29975	28	56	1	0.2	12
124	30000	26	60	1	0.2	20
125	30025	14	32	1	0.2	6
126	30050	18	38	1	0.2	8
127	30075	12	28	1	0.2	10
128	29900E-30100N	18	32	1	0.2	20
129	30000E-29700N	20	34	1	0.2	6
130	29725	8	38	1	0.2	8
131	29750	10	32	1	0.2	10
132	29775	10	30	1	0.2	16
133	29800	16	36	1	0.2	8
134	29825	14	40	1	0.2	8
135	29850	16	32	1	0.2	4
136	29875	10	42	1	0.2	14
137	29900	12	30	1	0.2	14
138	29925	16	34	1	0.2	14
139	29950	10	34	1	0.2	6
140	29975	12	30	1	0.2	10
141	30000E-30000N	12	30	1	0.2	6
142	30100E-29725N	12	28	1	0.2	4
143	30100E-29750N	6	30	1	0.2	8

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APPENDIX 4

ROCK SAMPLE DESCRIPTION AND RESULTS

002040

