

## INTRODUCTION

The Tas East Property is located west of Cripple Lake along the Inzana Lake Road, consists of 62 units and is accessed by logging roads. The property covers a sequence of Takla Group rocks and possibly an Upper Jurassic or Lower Cretaceous intrusive. The property also covers part of a large regional structure.

The Tas East Property was staked in June 1986 by A. Halleran. The entire property is covered by varying thickness of till, but outcrop occurs 800 meters west of the property.

Soil sampling and a UG130 Threshold Scintillometer survey was conducted over two areas, for a total of 6.3 Km of scintillometer survey and 136 soils. The UG130 survey defined two anomalies, one strong and one weak, results should however be evaluated with the geochem results which will be filed in October.

## LOCATION AND ACCESS

The Tas East Property is located in central B.C. approximately 200 kilometers northwest of Prince George.

Access to the area is via a 70 kilometer gravel logging road which links Inzana Lake Lodge with Ft. St. James. A series of logging roads and logging patches are present on the property.

## CLAIM STATISTICS

All claims were staked using the modified grid system and one claim group was created for the purpose of assessment.

CLAIM	GROUP	RECORD	UNIT	DATE	OWNER
* H&H 1	Tas East	7671	20	7/7/86	A. Halleran
H&H 2	Tas East	7672	20	7/7/86	A. Halleran
Kle 1	Tas East	7973	2	10/9/86	A. Halleran
Sep 1	Tas East	7972	20	10/9/86	A. Halleran

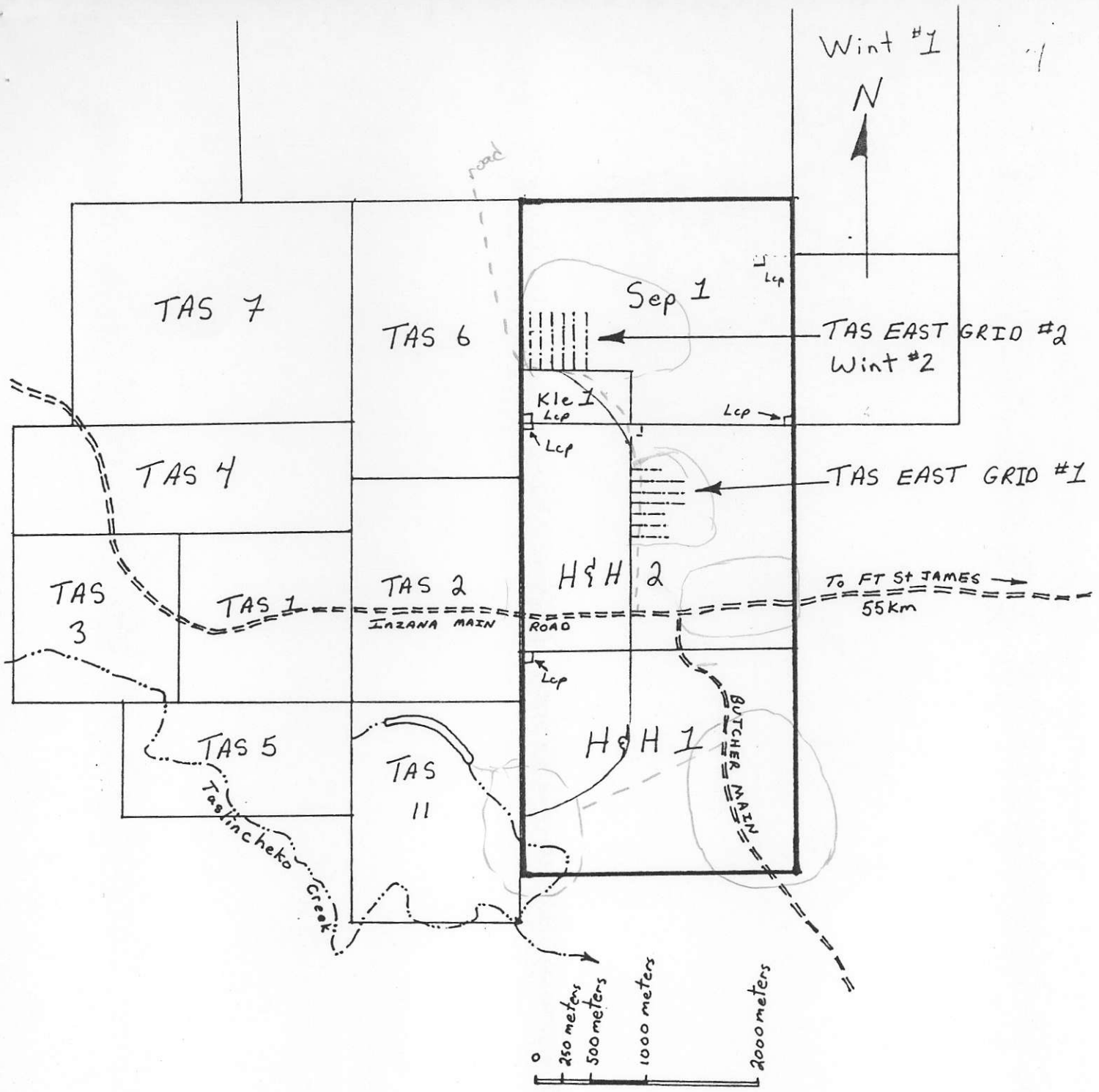
## GENERAL GEOLOGY

The surrounding area and possibly the property are underlain by the Upper Triassic and Later Takla Group. The Takla Group comprises metasedimentary and volcanic rocks. These are intruded by Upper Jurassic or Lower Cretaceous intrusions.

\* To be added to the property

Wint #2	8231	6 units of new ground	March 16/87
Wint #1	8230	15 units of new ground	March 16/87



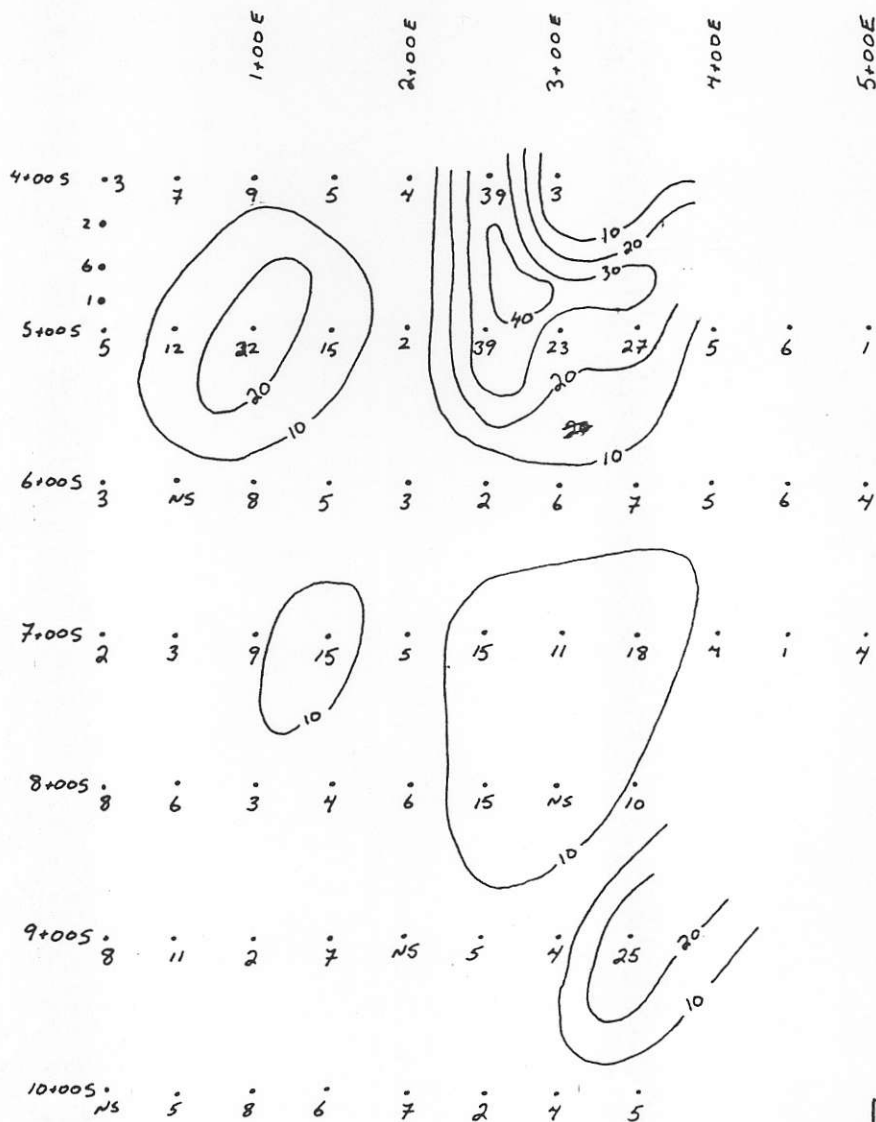


TAS EAST PROJECT	
PROPERTY LOCATION	
□	TAS EAST PROJECT
---	Base Line
- - -	Cross Lines
DATE JUNE /87	
Drawn by A. Halleran Scale 1:50,000	

# TAS EAST GRID 1

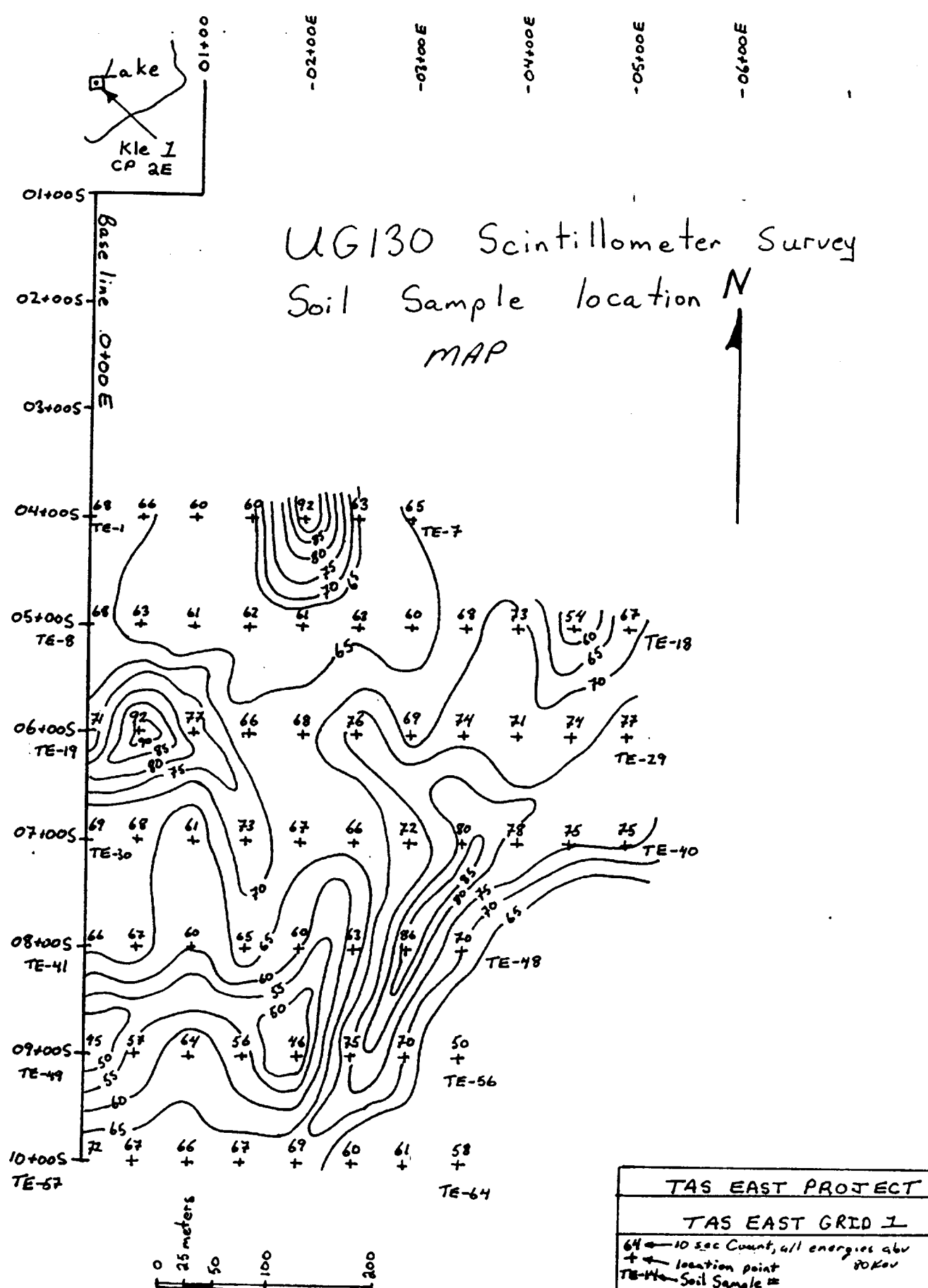
## Geochemistry

### Au ppb



rough  
Field Maps

TAS EAST PROJECT	
TAS EAST GRID 1	
• ← soil location 11 ← Au ppb (10) ← contour Au ppb	
Drawn by A. H. ...	Oct 9th / 87
Scale 1:500	

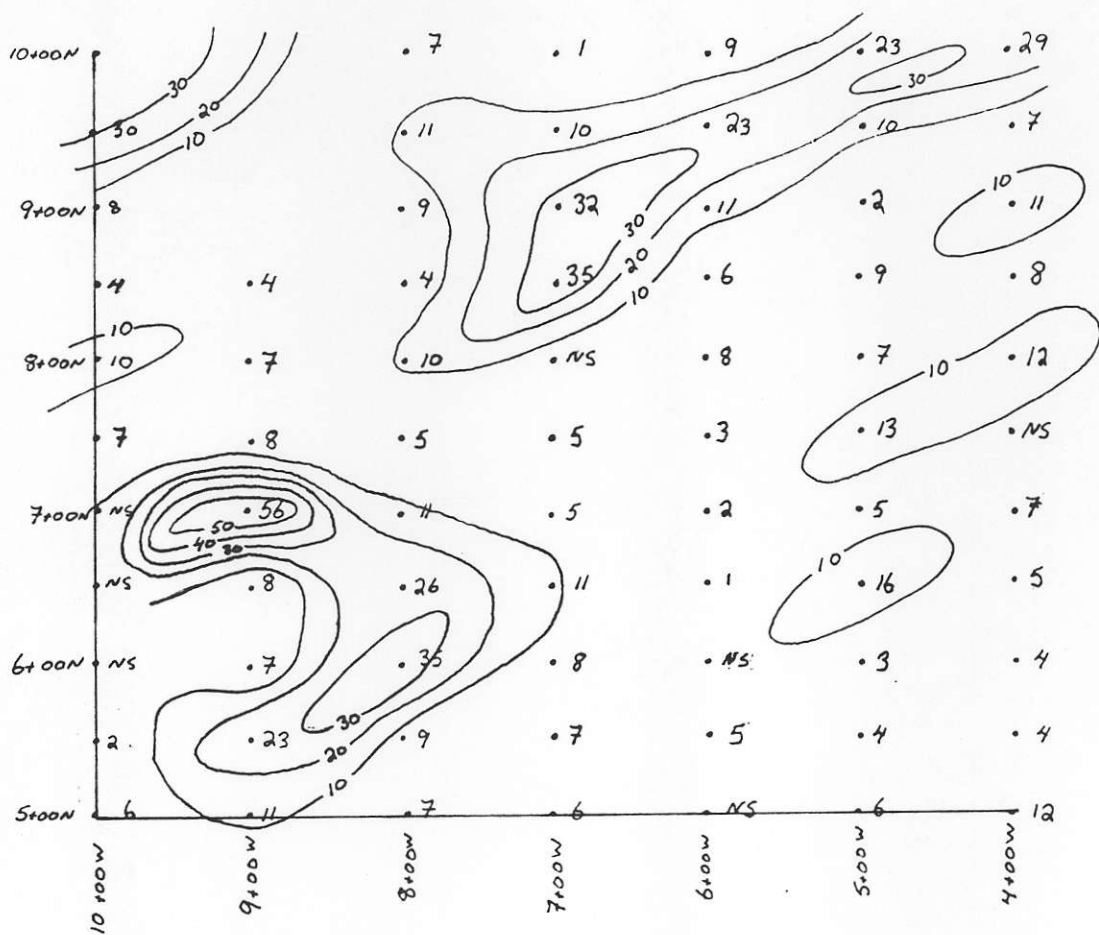


UG130 Scintillometer Survey  
Soil Sample location MAP

TAS EAST PROJECT	
TAS EAST GRID 1	
64	10 sec Count, all energies abv 80Kev
+	location point
TE-#	Soil Sample #
70	Contour of UG130 Scintillometer for all energies above 80Kev
	Contour Interval 5
	DATE MAY/87
Drawn by A. Hallon	Scale 1:500

# TAS EAST GRID #2

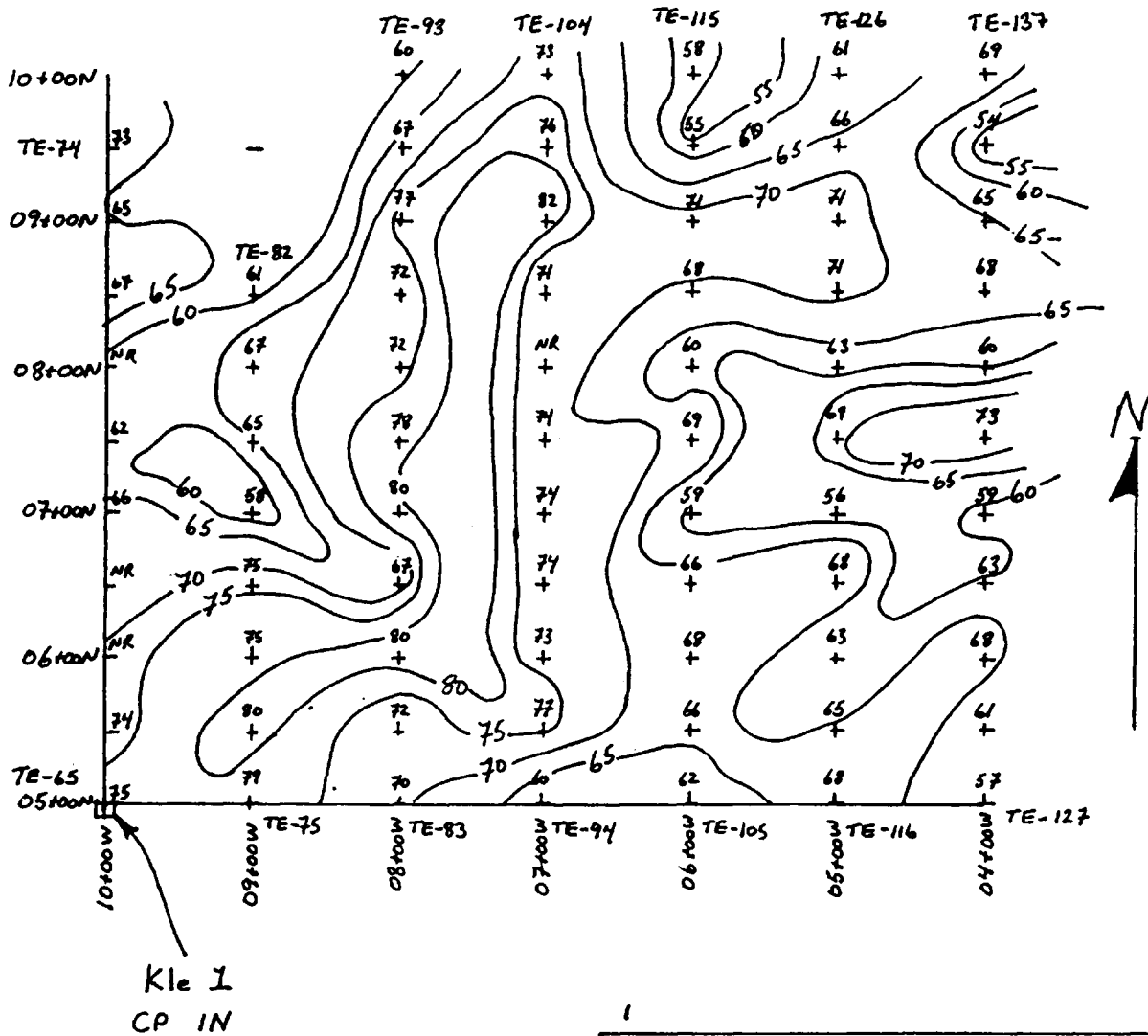
## Geochemistry Au ppb



Rough  
Field  
Maps

TAS EAST PROJECT	
TAS EAST GRID 2	
• ← soil location	
11 ← Au ppb	
30 ← contour Au ppb	
	Oct 9 / 87
Drawn by A. Halleran	Scale 1:500

# UG130 Scintillometer Survey Soil Sample location MAP



TAS EAST PROJECT	
TAS EAST GRID 2	
64 ← 10sec Count, all energies above 80KeV + ← location point TE-14 ← Soil Sample #	
70 Contour of UG130 Scintillometer for all energies above 80KeV Contour Interval 5	
	Date JUNE 1987
Drawn by A. Halleran	Scale 1:500

## SUMMARY

In June of 1986 the Tas East property, which covers a favourable environment for Au and Cu mineralization, was staked by A.Halleran and A.D. Halleran. The property is adjacent to Noranda's Tas discovery and is covered by overburden. The purpose of the project was to outline any intrusive as found on the Tas and to discover if the Tas mineralization goes onto the property.

In May of 1986 A.Halleran conducted a soil and UG130 scintillometer survey in two areas to define any mineralization. This report does not deal with the soil geochem results as they will be filed at a later date.

## GEOCHEMISTRY

A total of 136 soils of the b horizon were taken and placed in Kraft paper sample bags. The grid was 8.0 Km of flagged, blazed and picket line. The sample interval was every 50 meters down the crossline with crosslines every 100 meters.

The soils are to be geochemed for Au. The results are not back yet and will be included in a report in September 1987.

## GEOPHYSICS

A portable, 5-channel threshold scintillometer Mini-scint UG130, serial # B90424, was used to run a survey. The total count 1 was used as it measures all energy above 0.08Mev the sample measure time was 10 seconds.

Based on some traverses on the Tas property to the west and Hat Lake property to the south it was noticed that the UG130 could be used as a mapping tool. Feldspathic intrusives could be mapped with the UG130 by the increase of potassium found in the feldspars relative to the low potassium Takla Group. The difference between the two rock types was in the order of 50 to 100 counts.

Tas East has varying thickness of overburden and it was decided that a scintillometer survey would be conducted to see if it could be used for mapping. The scintillometer would also pick up increase of intrusive float in the till which ~~might~~ might help with the interpretation of the soil geochem. The survey might also define areas of thin overburdened.



TAS EAST GRID #1

This grid has roughly 2.8 kilometers of survey with the UG130. There appears to be a well defined high anomaly from 09+00S-02+50E to 05+00S-04+00E. This anomaly is just east of a well defined low anomaly at 09+00S-02+00E. These anomalies might represent a change in the lithology of the underlying rocks from Takla sediments to intrusive. The orientation of this anomaly is roughly the same as the glacial ice movement in the area. The anomaly might therefore represent a dispersal train of the underlying rocks, ie higher percent of feldspathic intrusive rocks. Further interpretation must wait till the soil geochem is back.

Two other high single anomalies of 92 are present but they will be classified as unrealistic anomalies.

TAS EAST GRID #2

The area is very flat and appears to be covered by thick glacial till of unknown thickness. A weak anomaly was found from 06+00N-08+00W to 09+00N-07+00E but the difference between the high and the low is only about 22. Further conclusions must wait till the soil geochem is available.

CONCLUSION

With the overburden on the Tas East the scintillometer survey results were not as conclusive as on the traverse on the Tas and Hat property. However with soil geochem results that might change.

The geochem soil results will be filed in a report in September 1987.

CERTIFICATION OF QUALIFICATIONS

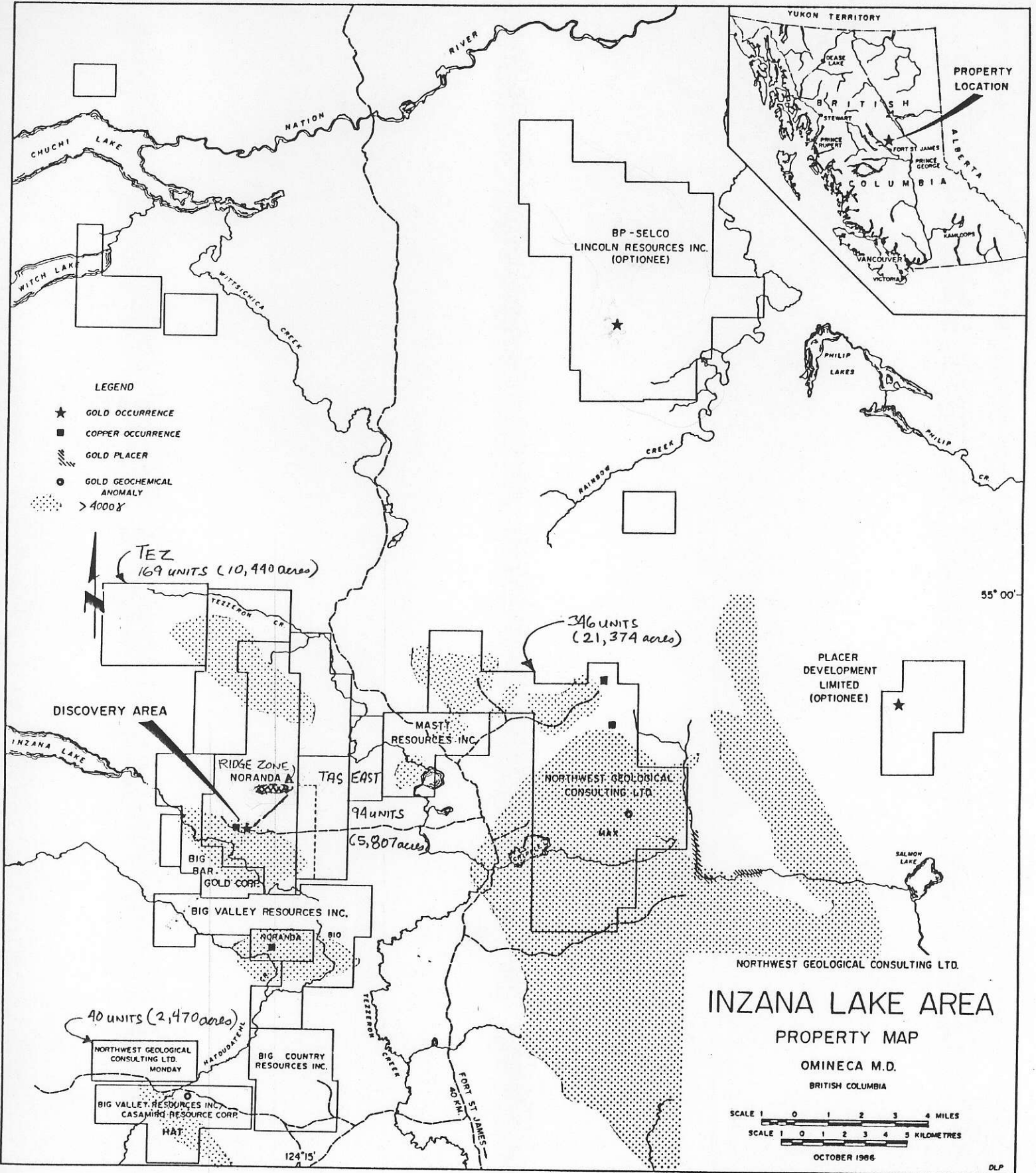
I, Arthur Halleran, of Box 1292 Ft. St. James B.C. do hereby declare:

- (1) I am a 1980 graduate of the University of British Columbia with a Honours B.Sc. degree in Geology.
- (2) I have practiced my profession continuously since graduation in the Yukon, B.C., and Alberta.
- (3) This report is based on my field examination of the property and available government reports.

JUNE 30, 1987  
Ft. St. James, B.C.



A. Halleran, B.Sc.



**LEGEND**

- ★ GOLD OCCURRENCE
- COPPER OCCURRENCE
- /// GOLD PLACER
- GOLD GEOCHEMICAL ANOMALY
- ◻ > 4000g

TEZ  
169 UNITS (10,440 acres)

346 UNITS  
(21,374 acres)

94 UNITS  
(5,807 acres)

40 UNITS (2,470 acres)

NORTHWEST GEOLOGICAL CONSULTING LTD.  
**INZANA LAKE AREA**  
PROPERTY MAP  
OMINECA M.D.  
BRITISH COLUMBIA

SCALE 1 0 1 2 3 4 MILES  
SCALE 1 0 1 2 3 4 5 KILOMETRES

OCTOBER 1986

DLP

