

part 6 of 6

ASSESSMENT REPORT, PERCUSSION DRILL PROGRAMME

THANKSGIVING PROPERTY

Revelstoke M.D.                      82 M/1 (E)

51° 14' N                              ,              118° 12' E

Owner:              Andaurex Resources

Operator:              Northair Mines Ltd.

Jan, 1982

R.Wares

ASSESSMENT REPORT, PERCUSSION DRILL PROGRAMME

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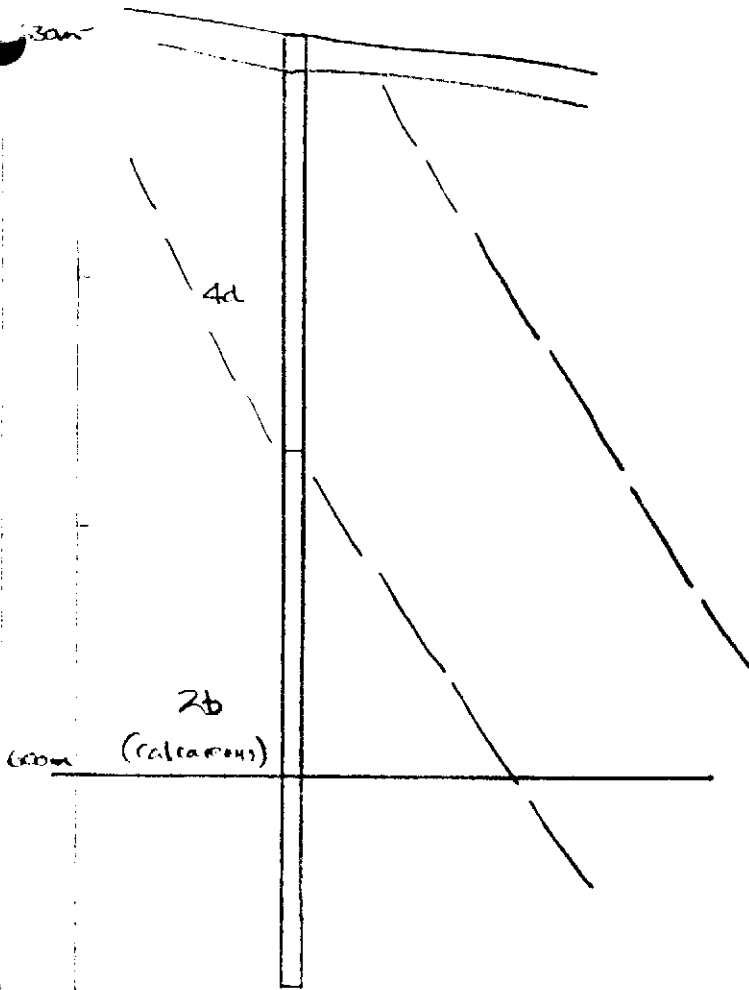
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N ————— S



LEGEND, DRILL SECTIONS

- |                                |       |  |
|--------------------------------|-------|--|
|                                | 5a    | siliceous replacement (peg) pegmatite          |
|                                | 5b    | kaolinitic gouge                               |
|                                | 5c    | sericite schist                                |
|                                | 4b    | quartz monzonite                               |
|                                | 4d    | porphyritic quartz monzonite dyke              |
| <u>Upper Assemblage</u>        |       |  |
|                                | 3a    | quartz - augen gneiss / schist                 |
|                                | 3b    | biotite - quartz - gneiss                      |
| <u>Intermediate Assemblage</u> |       |  |
|                                | 2a    | qtz. - chlorite schist : (1) : chlorite schist |
|                                | 2b    | qtz. - biotite / schist                        |
|                                | 2c    | qtz. - muscovite / muscovite schist            |
|                                | 2d    | calcareous unit                                |
|                                | 2d(1) | silicified limestone                           |
|                                | 2d(2) | calc. silicate                                 |
|                                | 2d(3) | garnet - diopside skarn                        |
|                                | 2e    | graphite schist : (2) : gouge                  |
| <u>Lower Assemblage</u>        |       |  |
|                                | 1a    | quartzite                                      |
|                                | 1b    | quartz - biotite schist                        |
|                                |       | fault zone (definite, inferred)                |
|                                |       | contact (definite, assumed)                    |
|                                |       | trace of foliation/schistosity                 |
|                                | po    | pyrrhotite                                     |
|                                | py    | pyrite   |
|                                | sch   | scheelite                                      |

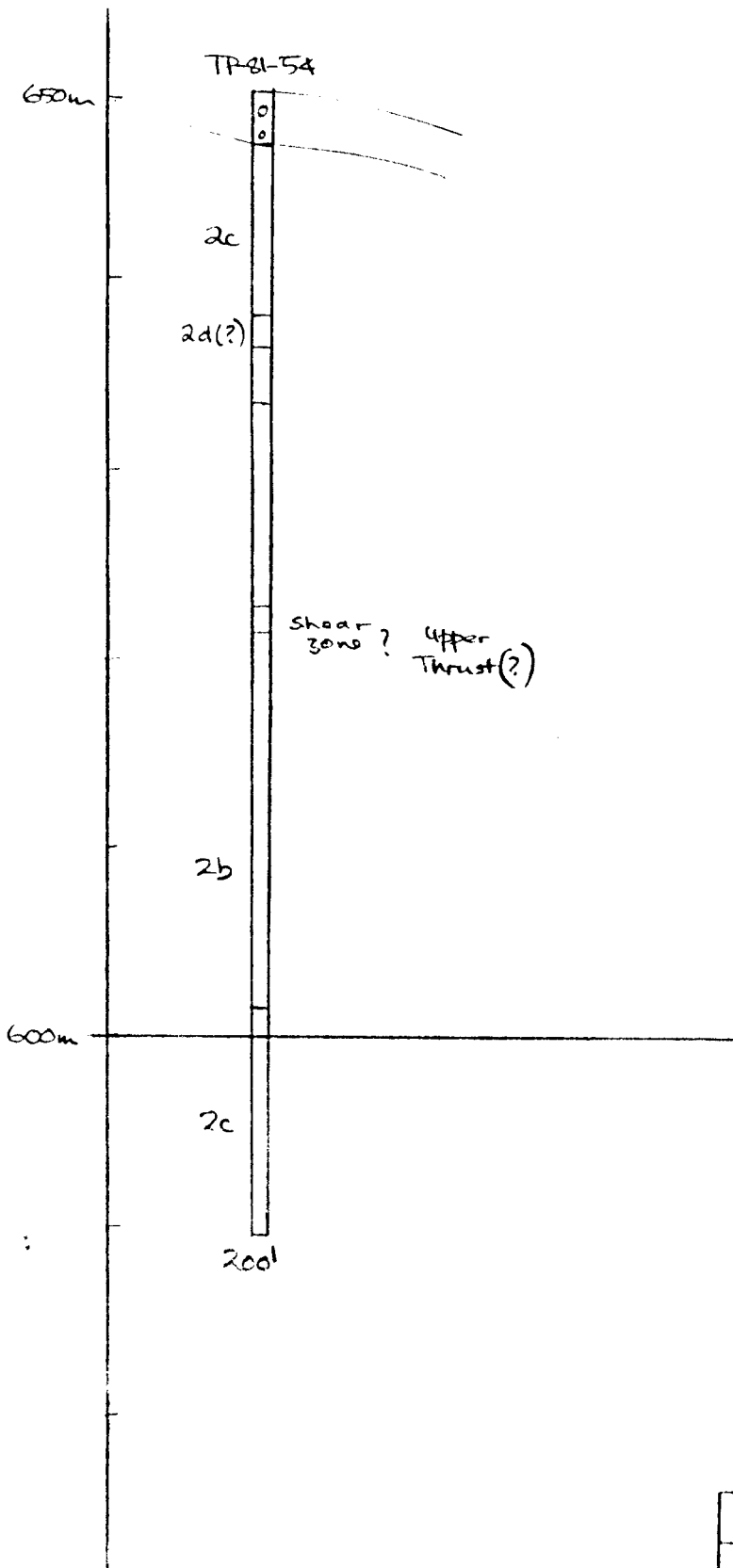
**NORTHAIR MINES LTD.**

Percussion Drill Section  
TP-31-59

Project: Inkasivina  
Date: Dec. 1972  
Scale:  
N.T.S.

Drawn: R. Wares  
Approved: RW  
Revised:  
Figure: 23

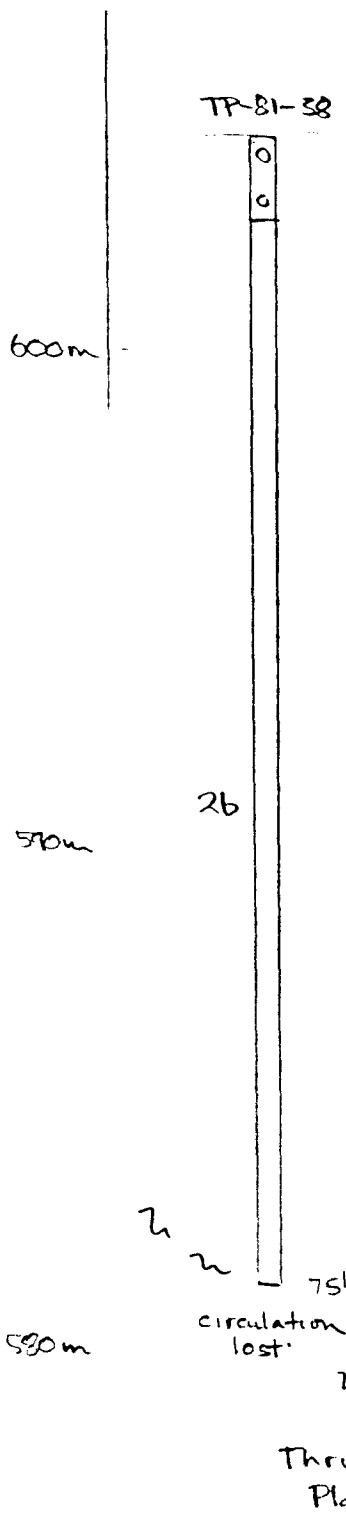
N ————— S



LEGEND, DRILL SECTIONS

- 6a siliceous replacement (peg) pegmatite
- 6b kaolinitic gouge
- 6c sericite schist
  
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
  
- Upper Assemblage
- 3e quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
  
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (t) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
  
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- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity
  
- po pyrrhotite
- py pyrite
- sch scheelite

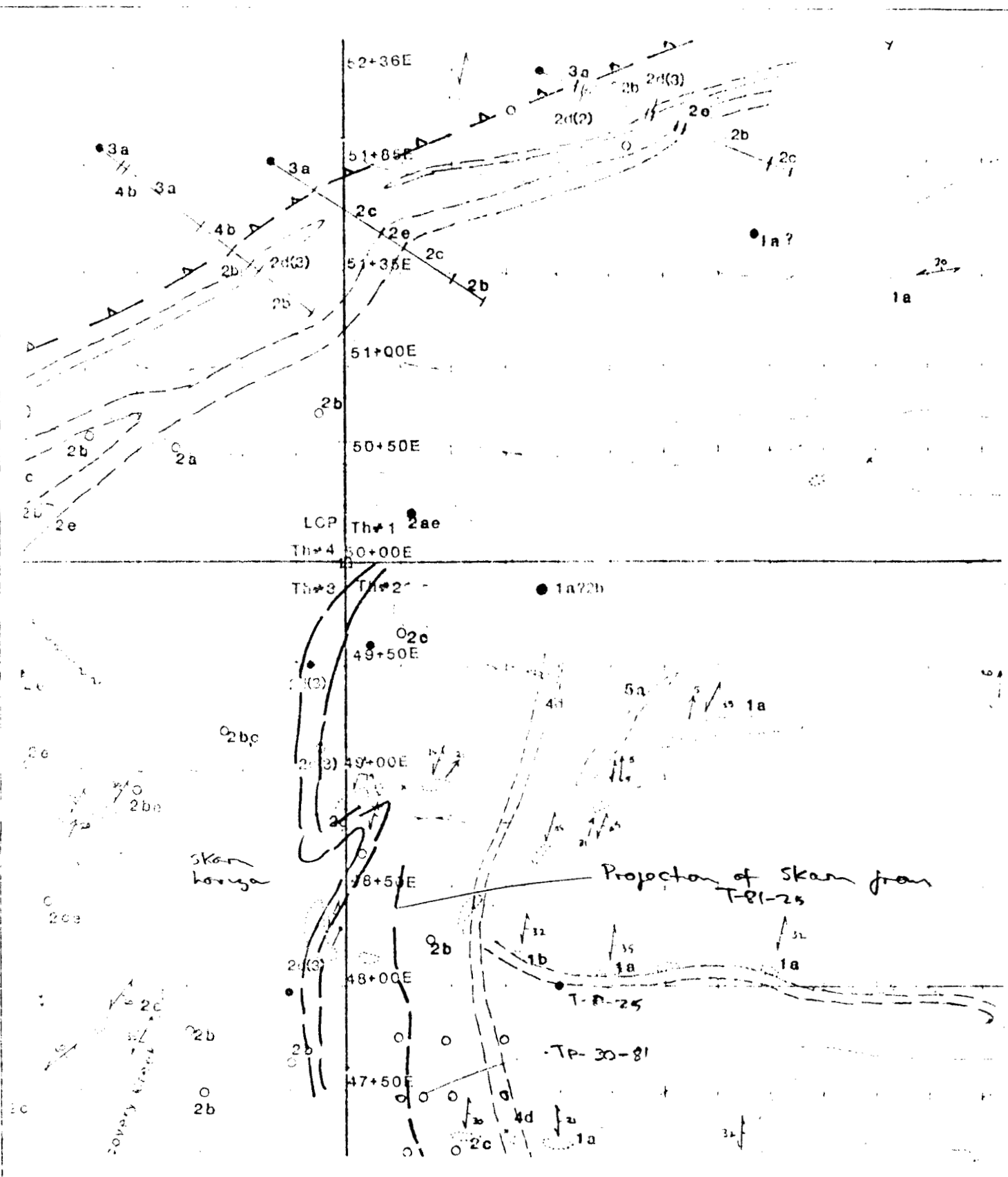
<b>NORTH AIR MINES LTD.</b>	
Percussion Drill Section TP-81-54	
Project: Thanksgiving	Drawn: R. Wares
Date: Jan 1982	Approved: RW
Scale:	Revised:
N.T.S.	Figure: 22



LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
  
- 4b quartz monzonite
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- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
  
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity
  
- po pyrrhotite
- py pyrite
- sch scheelite

<b>NORTH AIR MINES LTD.</b>	
<b>PERCUSSION DRILL SECTION</b>	
<b>TP-81-38</b>	
Project: Thanksgiving	Drawn: R. Wares
Date: Jan 1982	Approved: RW
Scale:	Revised:
N.T.S.	Figure: 18



**NORTH AIR MINES LTD.**

**Skarn Projection**

Project: Thanksgiving	Drawn: R. Wang
Date: Jan 1982	Approved: RLW
Scale:	Revised:
N.T.S.	Figure: 14

I GENERAL INFORMATION

1.1 Location, Access

The Thanksgiving Property is located 24 Kms north of Revelstoke, B.C. Access to the property is by Hwy 23, from Revelstoke to Mica Dam. Access to the property is relatively good, both utilizing logging roads and the old Mastodon mine road. (Fig. 1 )

1.2 Topography

The Thanksgiving claim group flanks the Columbia River. On the west side of the Columbia, the claims cover part of the west bank to an elevation of 1500m. On the east side of the Columbia, the claims cover a moderate slope to an elevation of 1500m. The claims cover the La Forme Creek area; the north side La Forme Creek is relatively steep, with the claims rising to 1800m.

The claim group covers in part, the area cleared for the Revelstoke dam. The dam will flood the valley to the 575m level. Vegetation on the property comprises, on the lower slopes below 750m, second growth timber with some active logging underway on first growth timber in selected areas, south of La Forme Creek.

1.3 Claim Status

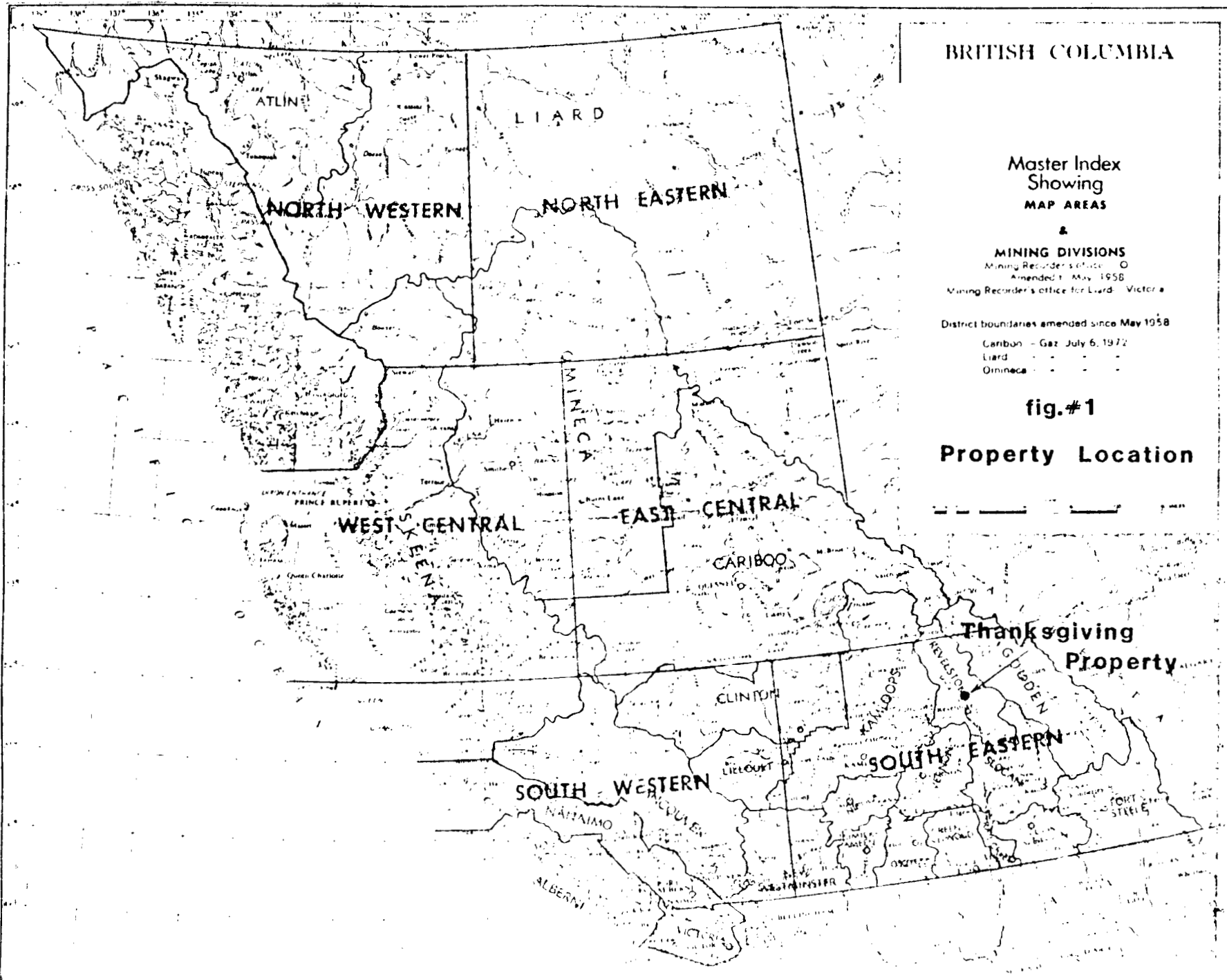
The group of claims in the Thanksgiving Property (Table 1 ) were staked at several periods from Dec 1980 to May 1981. (Fig.2)

1.4 History of the Property

Initial discovery of scheelite bearing float in the vicinity of Discovery Creek in October 1980, was followed by the discovery of Scheelite "in situ" shortly thereafter.

The claims were staked by 6 Revelstoke based prospectors, under the name of Cajac Exploration, who subsequently sold the property to Andaurex Resources. In May 1981, the property was optioned to Northair Mines, who, as the operating company, carried out the exploration programme in 1981.





**BRITISH COLUMBIA**

**Master Index  
Showing  
MAP AREAS**

**&  
MINING DIVISIONS**  
Mining Recorder's office: O  
Amended: May 1958  
Mining Recorder's office for Liard: Victoria

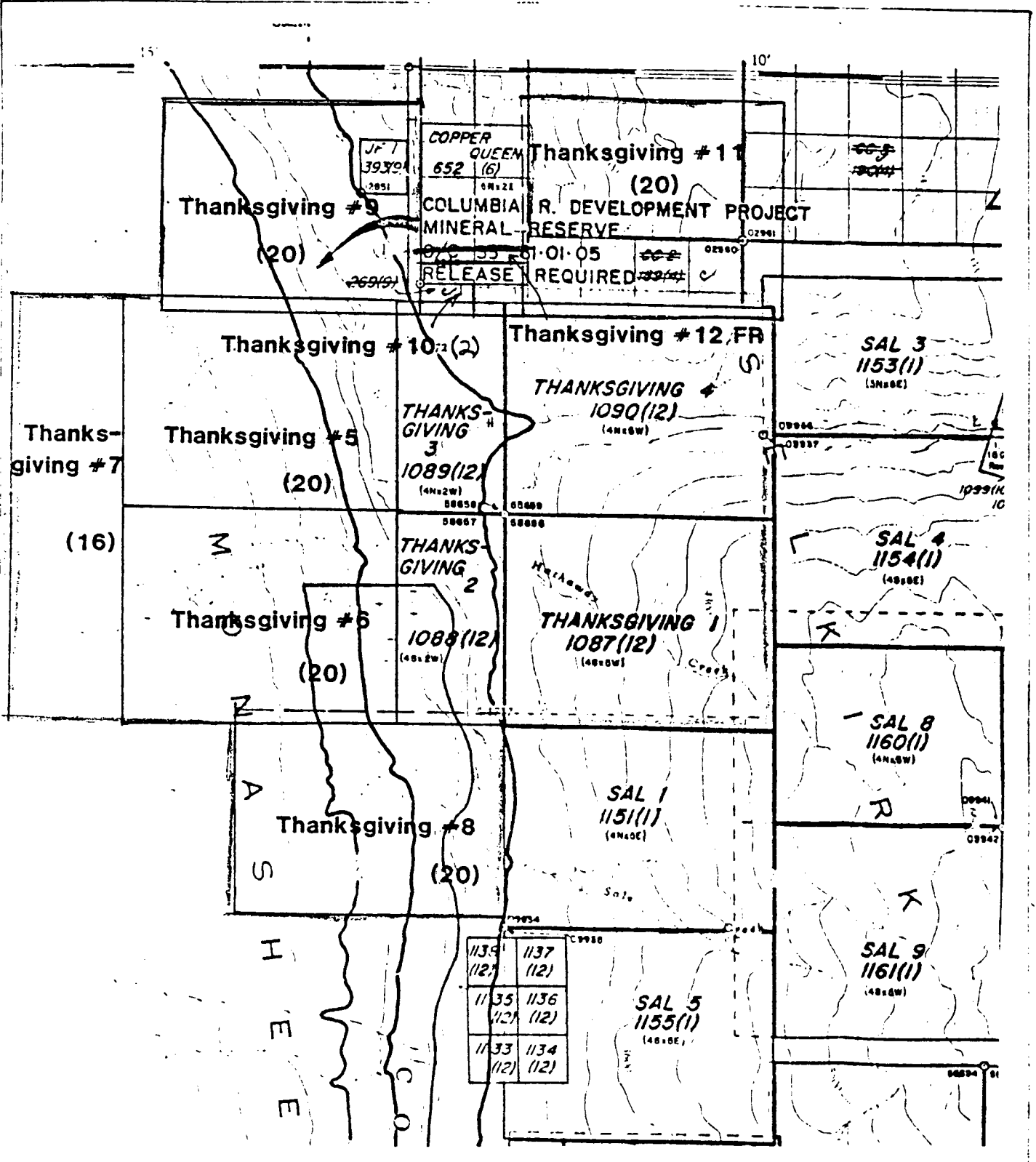
District boundaries amended since May 1958  
Cariboo - Gaz July 6, 1972  
Liard  
Omineca

**fig.#1**

**Property Location**



**Thanksgiving  
Property**



**NORTH AIR MINES LTD.**

**CLAIM MAP**

Project: Thanksgiving	Drawn: R. Wares
Date: 3/12/81	Approved:
Scale: 1:50,000	Figure: #2
Sheet: 82 M/1	

TABLE ISCHEDULE OF CLAIMS

<u>NAME</u>	<u>NO. OF UNITS</u>	<u>RECORD NO.</u>	<u>RECORD DATA</u>
Thanksgiving #1	20	1087	2/12/80
#2	8	1088	2/12/80
#3	8	1089	2/12/80
#4	20	1090	2/12/80
#5	20	1201	29/04/81
#6	20	1202	29/04/81
#7	16	1203	29/04/81
#8	20	1263	8/06/81
#9	20	1264	8/06/81
#10	2	1265	8/06/81
#11	20	1266	8/06/81
#12 Fr	1	1267	8/06/81

### 1.5 Work Performed

A total of 9080' of percussion drilling was carried out on the Thanksgiving Property (2767.59m) cuttings were collected in 5' sections, logged on site, and specimen cuttings retained for further examination. Samples for assay were shipped to laboratories in Vancouver for assay. Other cuttings were retained and stored in Revelstoke for further work.

## 2. Objectives, General Geology

The objectives of the percussion drill programme were

- a) to determine, in a cost effective manner, the distribution of the host carbonate horizon, to expand information obtained from diamond drilling and to determine (in part) the economic potential.
- b) To delineate, in conjunction with diamond drilling, the distribution of scheelite in the creek showing area.
- c) To sample and check areas with poor or non existent geological data.

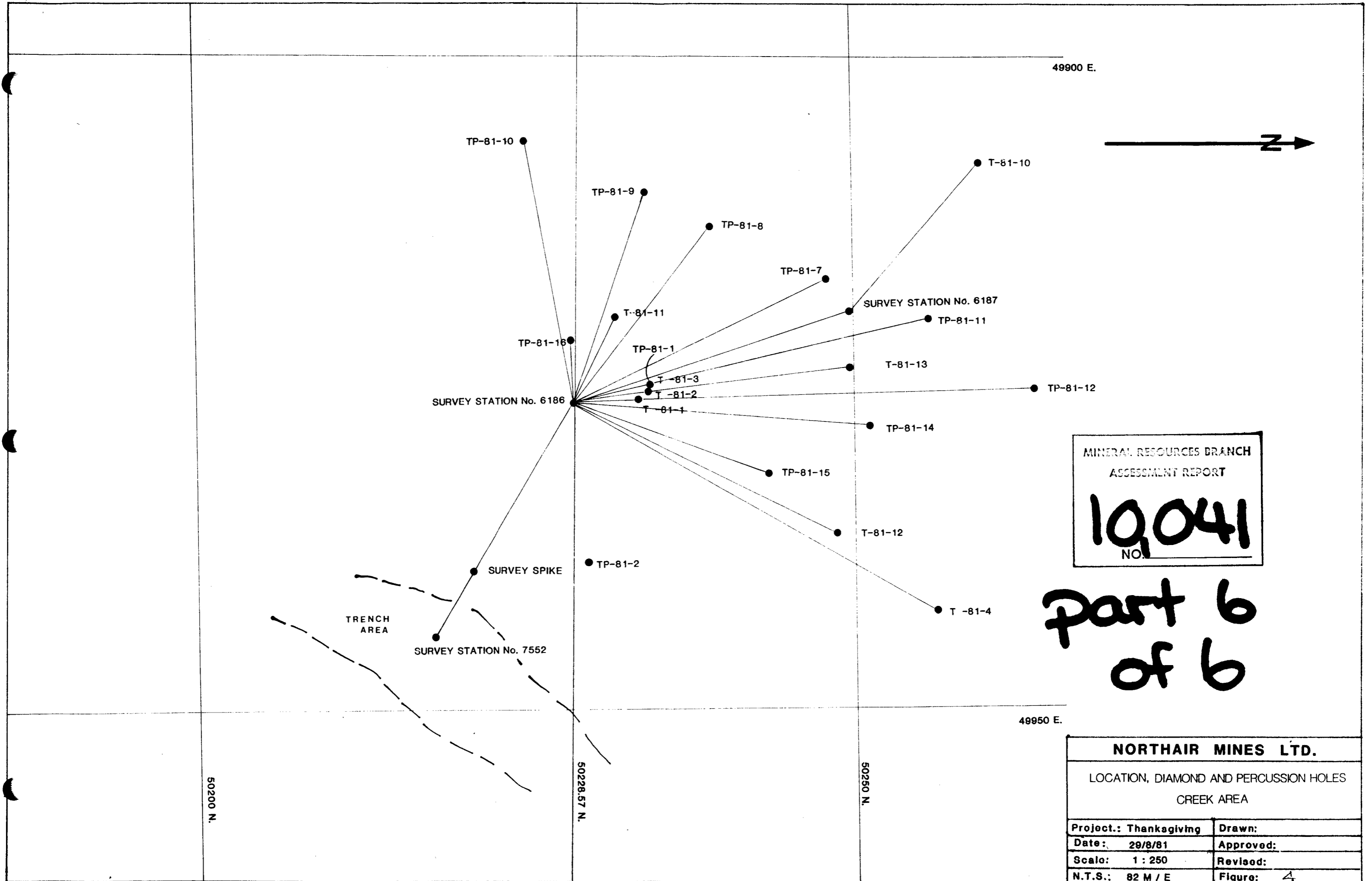
The technique utilized was to visually log all cuttings for the presence of calc-silicate mineralogy, log the presence of scheelite, associated sulphides and to visually determine mineral percentages. Percussion cuttings were logged in 5' sections. Zones of potential were assayed for background W. values in excess of 700 ppm W were assayed for  $WO_3$ . Specimen cuttings were retained for further petrographic work. Cuttings were stored in a warehouse in Revelstoke.

The procedure adopted was to log the cuttings under a binocular microscope, subject the cuttings to ultra-violet lamp examination and test for carbonate content.

Locations of the percussion drill holes are shown in (Fig. 3 ). A more detailed map of the hole locations in the creek area is show in (Fig. 4 ).

A technical problem in utilizing percussion drilling for a deposit of the type on the Thanksgiving is the know habit for scheelite to be brittle and fracture. The potential for loss of scheelite through sliming and loss in sample handling was recognized. As such, assay values are indicative not predictive and could not be used for reserve determination (of appropriate). An additional problem recognized was the possibility of thin lenses being blurred by cuttings from surrounding material. The view taken was that zones too thin to be recognized were not of economic significance. It was apparent that diagnostic calc-silicate mineralogy and associated pyrrhotite could be recognized through visual and magnetic properties.

The descriptive techniques employed are described in the appendix.



MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
**19041**  
 NO.

*part 6  
of 6*

<b>NORTH AIR MINES LTD.</b>	
LOCATION, DIAMOND AND PERCUSSION HOLES CREEK AREA	
Project.: Thanksgiving	Drawn:
Date: 29/8/81	Approved:
Scale: 1 : 250	Revised:
N.T.S.: 82 M / E	Figure: 4

### 3. Creek Area (Holes TP-81-1,2,7,8,9,10,11,12,14,15,16,17)

An objective in the creek area was to establish in detail the morphology of the sulphide zone.

Holes #TP-81-1,2 were drilled to intersect areas of scheelite known from diamond drilling, to confirm the applicability of the technique. The logging technique established that the scheelite could be effectively recognized, although the assay data showed clearly a loss of scheelite in the production of cuttings. Part may be flotation of slime, differential loss in the drill pipe or losses in assaying. It was clear from the data that percussion drilling was a complement to, not a substitute for diamond drill sampling but that the essential elements could, with ease, be recognized.

A fence of percussion holes was drilled across the structure of the skarn, section #1 (Fig. 5). The examination of the cuttings established, that, in the plane of the section, the skarn and silicified limestone unit could be traced, though the garnet-diopside skarn was not continuous. No scheelite was recognized in any of the cuttings. Geochemical data on the cuttings indicated no anomalous values of W, confirming the drill data. The latter suggested a marked diminution in scheelite, (within the calc silicate lens) to the NW.


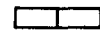



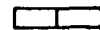













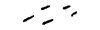
An additional section (TP-81-11,14,15) (Fig. 6) suggested some displacement of the calc-silicate/ skarn horizon. No scheelite was observed in Hole #11,14, but minor visual scheelite (of a low order) observed in Hole 15, at 55' to 70'. Assays were of a low order.

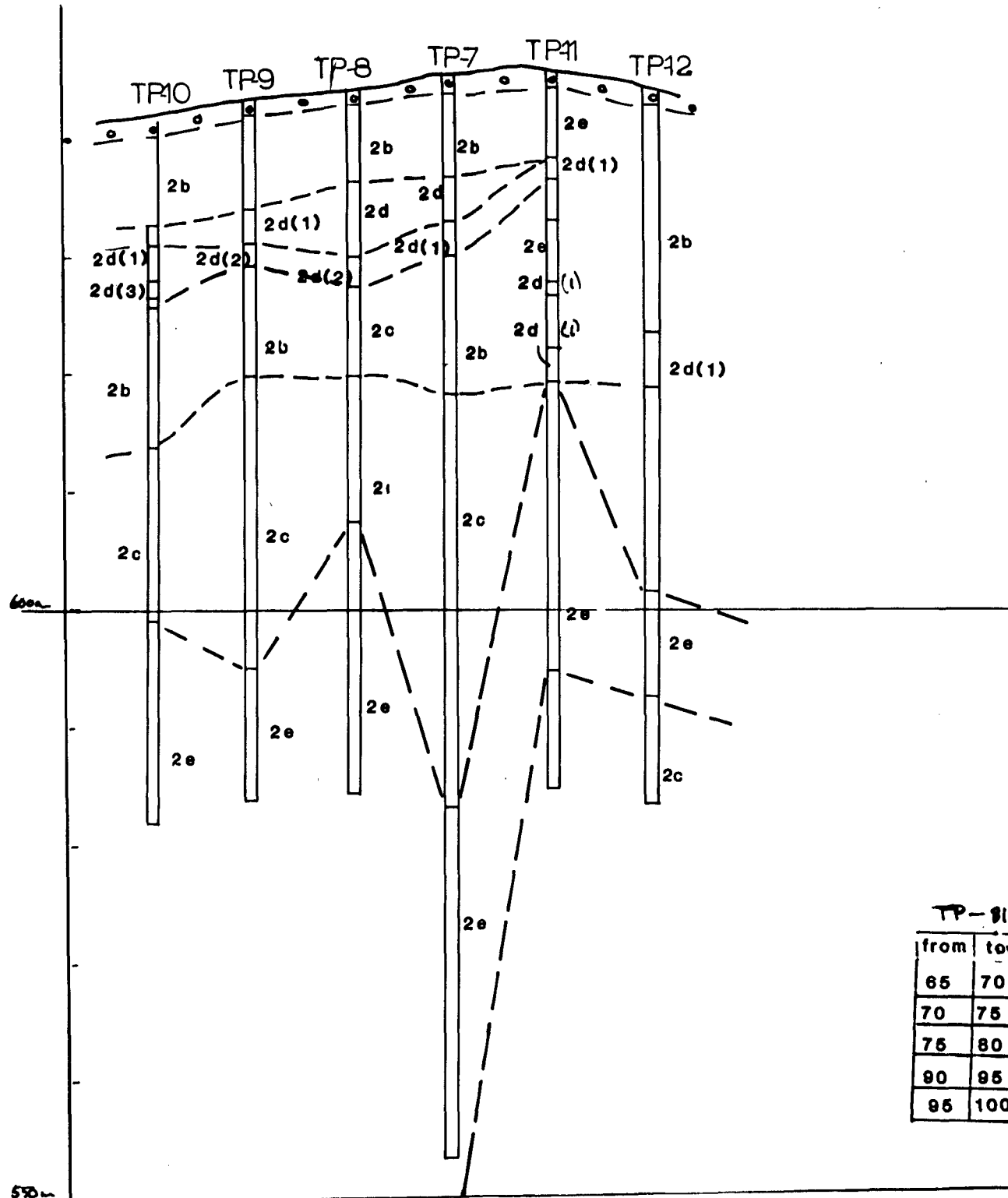
An additional section (Fig. 7) showed good scheelite in TP-81-16, but no evidence in TP-81-8. Scheelite, of a low order (0.20 WO<sub>3</sub>/1.06m) was noted in T-11-81, while assay data on TP-81-16 showed 0.20/3.05m. The partial effectiveness of percussion drilling was demonstrated in the sequence.

The interpretation of the section suggests some higher order faults whose relationship to the scheelite is unknown.

SSW ————— 030° ————— NNE

**LEGEND, DRILL SECTIONS**

-  5a siliceous replacement (peg) pegmatite
-  5b kaolinitic gouge
-  5c sericite schist
  
-  4b quartz monzonite
-  4d porphyritic quartz monzonite dyke
  
- Upper Assemblage**
-  3a quartz - augen gneiss / schist
-  3b biotite - quartz - gneiss
  
- Intermediate Assemblage**
-  2a qtz. - chlorite schist : (1) : chlorite schist
-  2b qtz. - biotite / schist
-  2c qtz. - muscovite / muscovite schist
-  2d calcareous unit
-  2d(1) silicified limestone
-  2d(2) calc. silicate
-  2d(3) garnet - diopside skarn
-  2e graphite schist : (g) : gouge
  
- Lower Assemblage**
-  1a quartzite
-  1b quartz - biotite schist
  
-  fault zone (definite, inferred)
-  contact (definite, assumed)
-  trace of foliation/schistosity



TP-81-7

Sample #	from	to	width	W
39547	40	45	5	25
39548	45	50	5	1
39549	50	55	5	5
39550	55	60	5	5
39401	60	65	5	35
39402	65	70	5	5

TP-81-8

39403	35	40	5	10
39404	40	45	5	5
39405	45	50	5	5
39406	50	55	5	5
39407	55	60	5	5

TP-81-9

	40	45	5	10
	45	50	5	2
	50	55	5	15
	55	60	5	1
	60	65	5	2

TP-81-10

	40	45	5	1
	45	50	5	5
	50	55	5	10
	55	60	5	10
2	60	65	5	2

TP-81-12

from	to	width	W
65	70	5	2
70	75	5	5
75	80	5	1
80	85	5	1
85	100	5	2

TP-81-11

	25	30	5	1
	30	35	5	1
	55	60	5	1
	60	65	5	1
	65	70	5	1
	70	75	5	1
	75	80	5	2
	80	85	5	1

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**10041**

**part 6 of 6**

**NORTHAIR MINES LTD.**

**PERCUSSION DRILL SECTION  
TP-81-7,8,9,10,11,12**

Project: Thanksgiving	Drawn:
Date:	Approved:
Scale:	Revised:
N.T.S.:	Figure: 5



NW ————— SE

TP-81-14

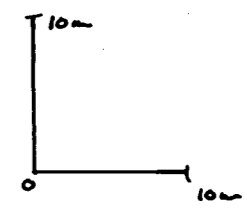
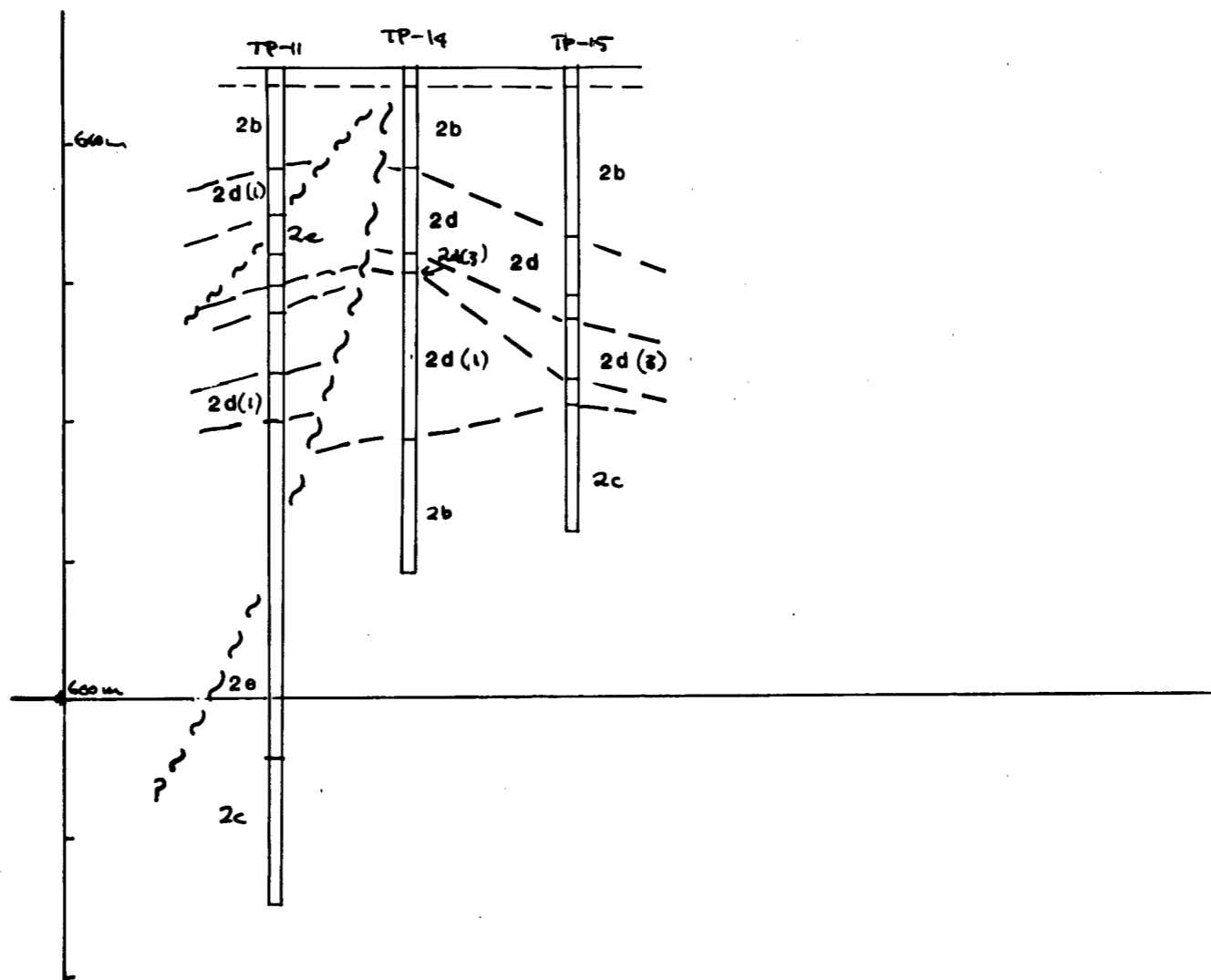
Sample #	from	to	width	W
39410	45	50	5	1
39411	50	55	5	2
39412	55	60	5	1
39413	60	65	5	1
39414	65	70	5	1
39415	70	75	5	1

TP-81-15

39416	45	50	5	1
39417	50	55	5	1
39418	55	60	5	1
39419	60	65	5	1
39420	65	70	5	20

LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
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- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity



MINERAL RECONSTRUCTION BRANCH  
ASSESSMENT REPORT  
**10,041**

**Part 6  
of 6**

NORTHAIR MINES LTD.	
PERCUSSION DRILL SECTION TP - 81- 11, 14, 15	
Project.: Thanksgiving	Drawn: R. Wines
Date:	Approved:
Scale: 1:500	Revised:
N.T.S.:	Figure:

TP-81-16

Sample # from to width W

39421	15	20	5'	1
39422	30	35	5'	2
39423	35	40	5'	2
39424	40	45	5'	1200
39425	45	50	5'	2000
	50	55	5'	500

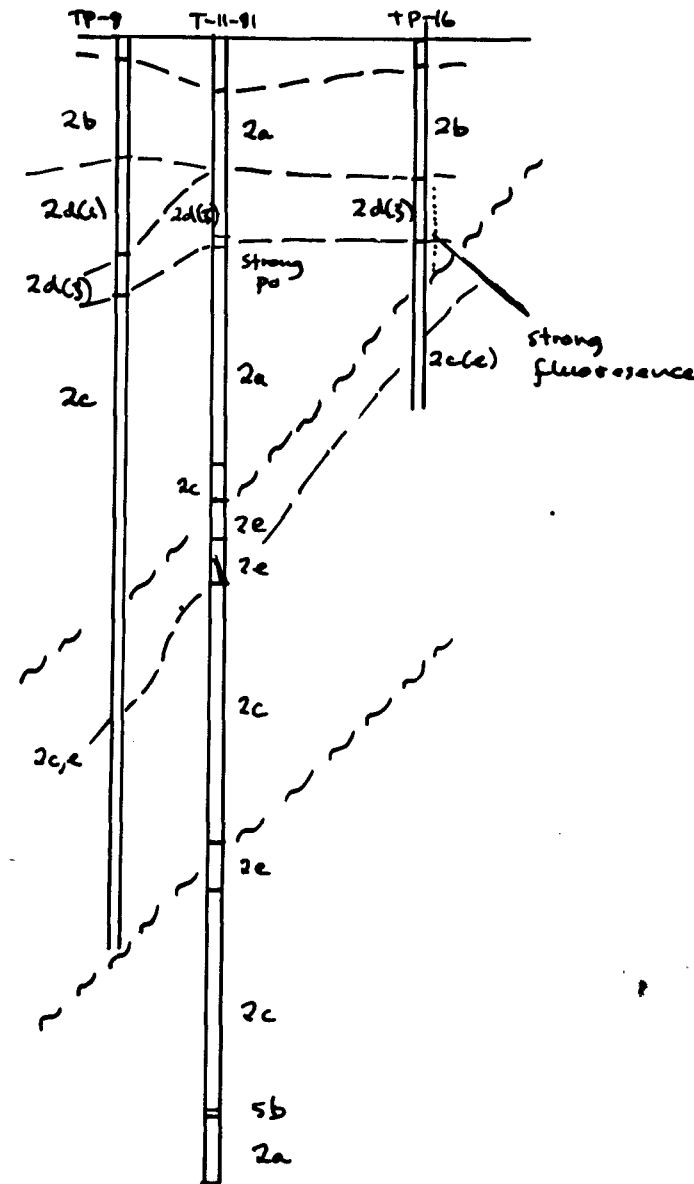
Assay	from	to	width	%W
39424	40	45	5	0.21
39425	45	50	5	0.20

MINERAL RESOURCES BRANCH  
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LEGEND, DRILL SECTIONS

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- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity



<b>NORTHAIR MINES LTD.</b>	
PERCUSSION, DIAMOND DRILL SECTION TP-81-8,16 T-11	
Project.: Thanksgiving	Drawn:
Date:	Approved:
Scale:	Revised:
N.T.S.:	Figure: 7

#### 4. North Area (TP-81,3,4,5,13)

The percussion drill was used to prospect on area north of the creek showing to check if any carbonate horizons could be traced that far.

Initially a fence (trending 030°) was drilled about 120m north of the previous drill sites. The greater volume of cuttings revealed calcareous quartz-biotite/muscovite schist. Some of the more calcareous units were assayed but indicated background W values. No garnet or diopside was recognized. In hole #13, somewhat calcareous quartz-biotite schists were recognized. No evidence of scheelite or diagnostic calc-silicate mineralogy was obtained. Assay values were background in their level. The units in the holes are apparently separated from the carbonate lens at the creek showing by a steep, north easterly trending fault. They appear to be a variation of the intermediate unit, not recognized elsewhere on the property. (Fig.8)

#### 5. South Area (Holes TP-81-6,51,52)

A fence of percussion holes was drilled to delineate the south eastward extension of the creek carbonate zone.

Hole #6, drilled to a depth of 300', intersected a zone from 30'-50', overlain by a silicified zone and underlain by quartz-muscovite-biotite schist. The weak skarn zone, with traces po, did not have any visual indications of scheelite, nor did assay values reveal any anomalous values.

Hole #51, intersected a skarn zone with weak indications of scheelite from 30'-40', being underlain by (apparently) quartz-muscovite schists with graphitic sections. Assays on this hole gave values of 700 ppm W (30'-38') and 200 ppm W (35'-40').

Hole #52 did not reveal any indications of skarn or scheelite.

The interpretive section (Fig.9 ) is ambiguous. It may be that some structural stacking has displaced the horizon.

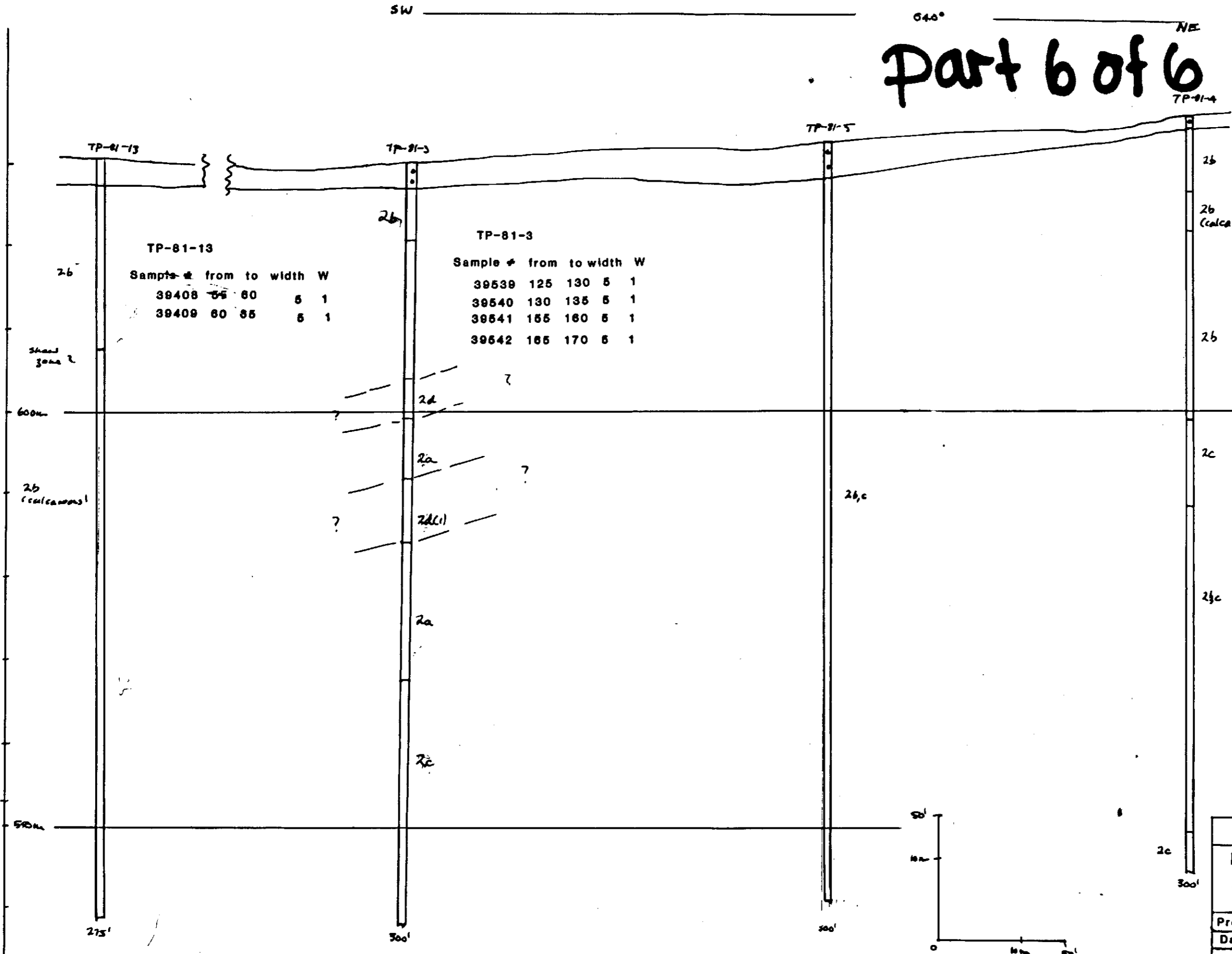
The section shows a continuation of the tungsten bearing unit to the SE.

#### 6. East Limb (TP-81-18,19,22,23,24)

An attempt was made to further delineate the south eastward extension of the tungsten bearing zone with a fence of percussion holes.

640°  
**Part 6 of 6**  
 TP-81-4

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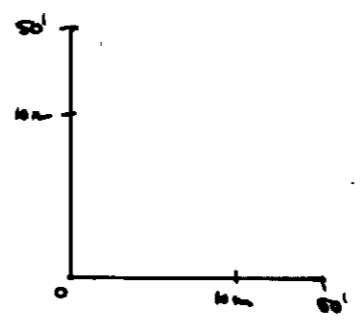


**LEGEND, DRILL SECTIONS**

	6a siliceous replacement (peg) pegmatite
	6b kaolinitic gouge
	6c sericite schist
	4b quartz monzonite
	4d porphyritic quartz monzonite dyke
<b>Upper Assemblage</b>	
	3a quartz - augen gneiss / schist
	3b biotite - quartz - gneiss
<b>Intermediate Assemblage</b>	
	2a qtz. - chlorite schist : (1) : chlorite schist
	2b qtz. - biotite / schist
	2c qtz. - muscovite / muscovite schist
	2d calcareous unit
	2d(1) silicified limestone
	2d(2) calc. silicate
	2d(3) garnet - diopside skarn
	2e graphite schist : (g) : gouge
<b>Lower Assemblage</b>	
	1a quartzite
	1b quartz - biotite schist
	fault zone (definite, inferred)
	contact (definite, assumed)
	trace of foliation/schistosity
	po pyrrhotite
	py pyrite
	sch scheelite

**NORTHAIR MINES LTD.**  
 Percussion Drill Section  
 TP-81-3,4,5,13.

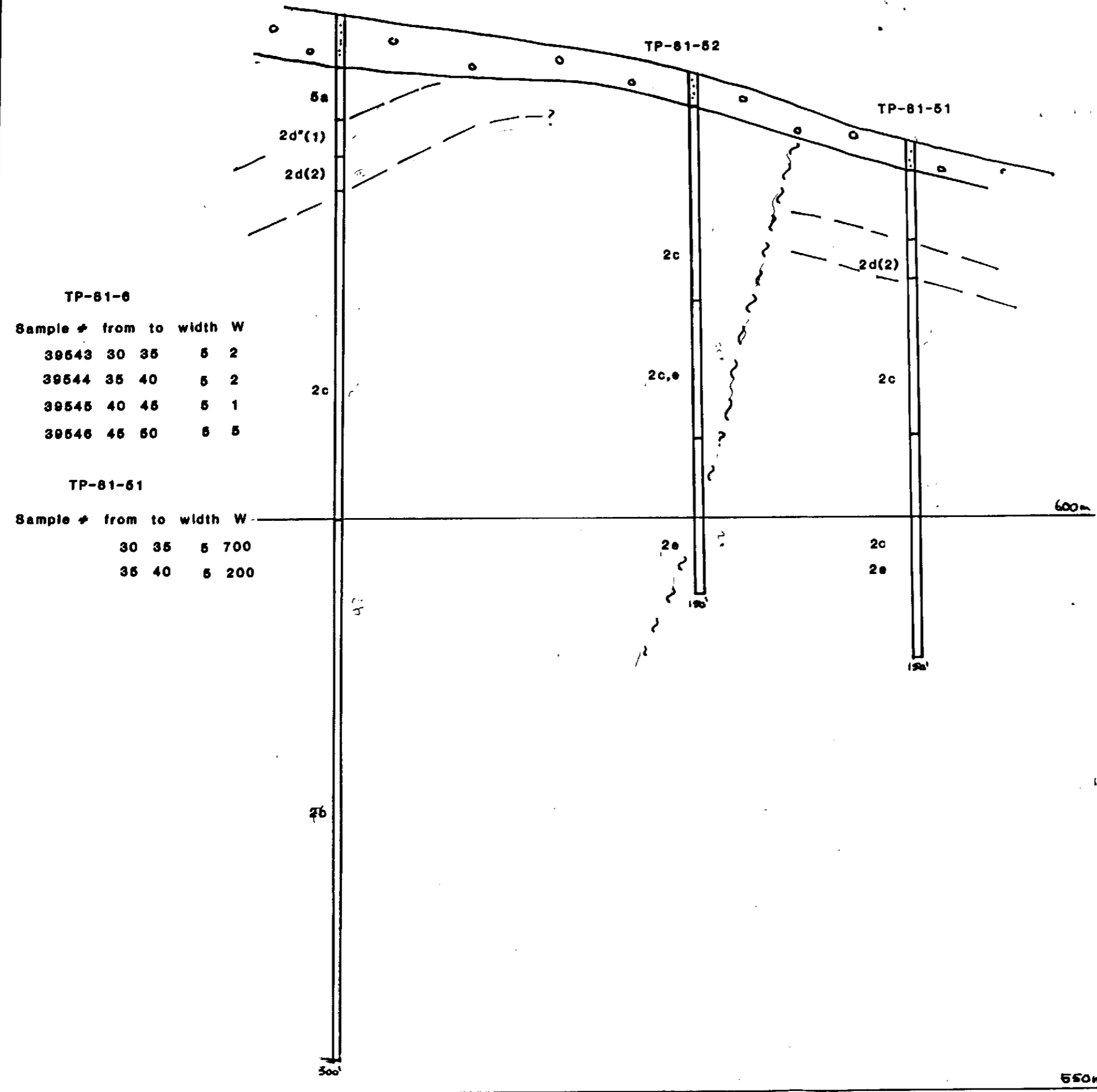
Project.: Thanksgiving	Drawn: R. L. W...
Date: Jan. 1992	Approved:
Scale:	Revised:
N.T.S.:	Figure: 8



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N 020° S



**TP-81-6**

Sample #	from	to	width	W
39543	30	35	5	2
39544	35	40	5	2
39545	40	45	5	1
39546	45	50	5	5

**TP-81-51**

Sample #	from	to	width	W
	30	35	5	700
	35	40	5	200

**LEGEND, DRILL SECTIONS**

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
  
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
  
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
  
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside scharn
- 2e graphite schist : (g) : gouge
  
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity

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Percussion Drill Section	
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In the course of site construction, some skarn float was located near hole #22.

Hole #18, gave no positive visual indications of scheelite, but a 10' zone (45'-55') of silicified limestone, with traces po. Assays of the sections gave 10 & 15 ppm W, barely above background. Hole #19 contrasted with the previous hole in that it was much less calcareous. Traces of po were observed in the cuttings.

Holes #22,23,24 likewise failed to intersect any carbonate zones. The units comprised some quartz-muscovite schists, with occasional tremolite and some graphitic sections. (Fig.10 )

The calcareous unit in TP-81-18 appears to be cut out by a fault. Attitudes across the section are problematical. Holes 22 & 23 both lost circulation and were abandoned.

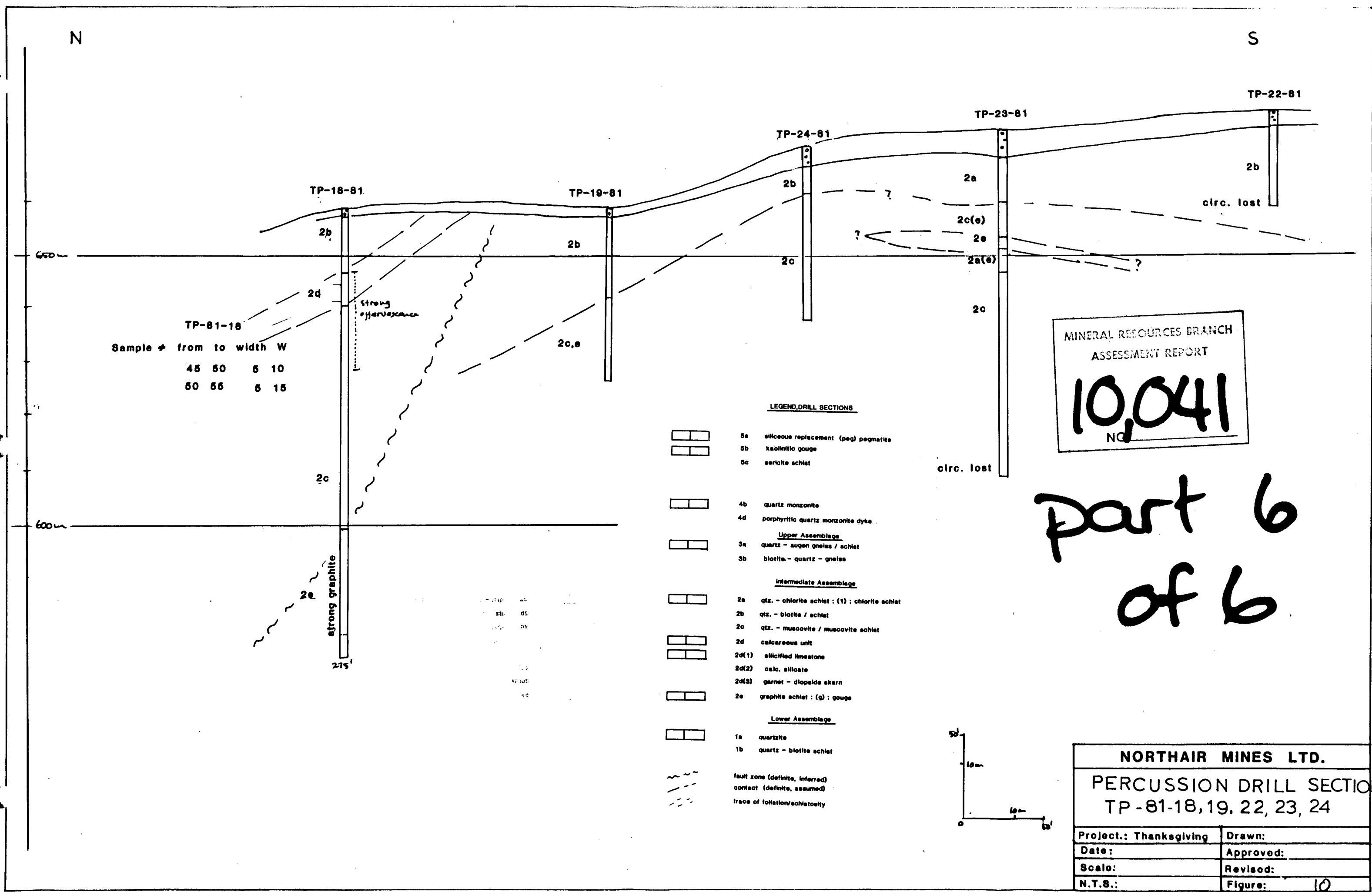
#### 7. East Limb - South East Section (Holes TP-81-20,21,55,56,57,58)

This group of holes was drilled in an attempt to expand information from Hole T-81-14 and, if possible, provide information not obtained in T-81-20, T-81-21.

Hole #26 gave no indications of skarn assemblages or scheelite, while hole #21 was abandoned at 95' due to circulation loss. No skarn horizon was encountered.

Hole #TP-81-58, was drilled to the south west in an attempt to trace the skarn horizon. The hole, to a depth of 245' did not encounter any sulphides or apparent skarn units. This hole was to increase information obtained in T-81-21. A weak calcareous unit in the hole was intersected in TP-81-58. TP-81-57 attempted to sample a skarn horizon (T-81-14); circulation was lost at 95' without penetrating the skarn horizon. Likewise TP-81-56, was a step out to further investigate the skarn but, despite grouting, fracturing was sufficient to result in loss of the hole, without encountering the horizon of interest. Likewise hole #55 failed to penetrate to a sufficient depth to intersect the horizon. (Fig. 11,12)

The major problem encountered in this area, in both core and percussion drilling, was the widespread occurrence of brittle and broken zones that resulted in loss of core and circulation, despite the use of effective grouting agents.



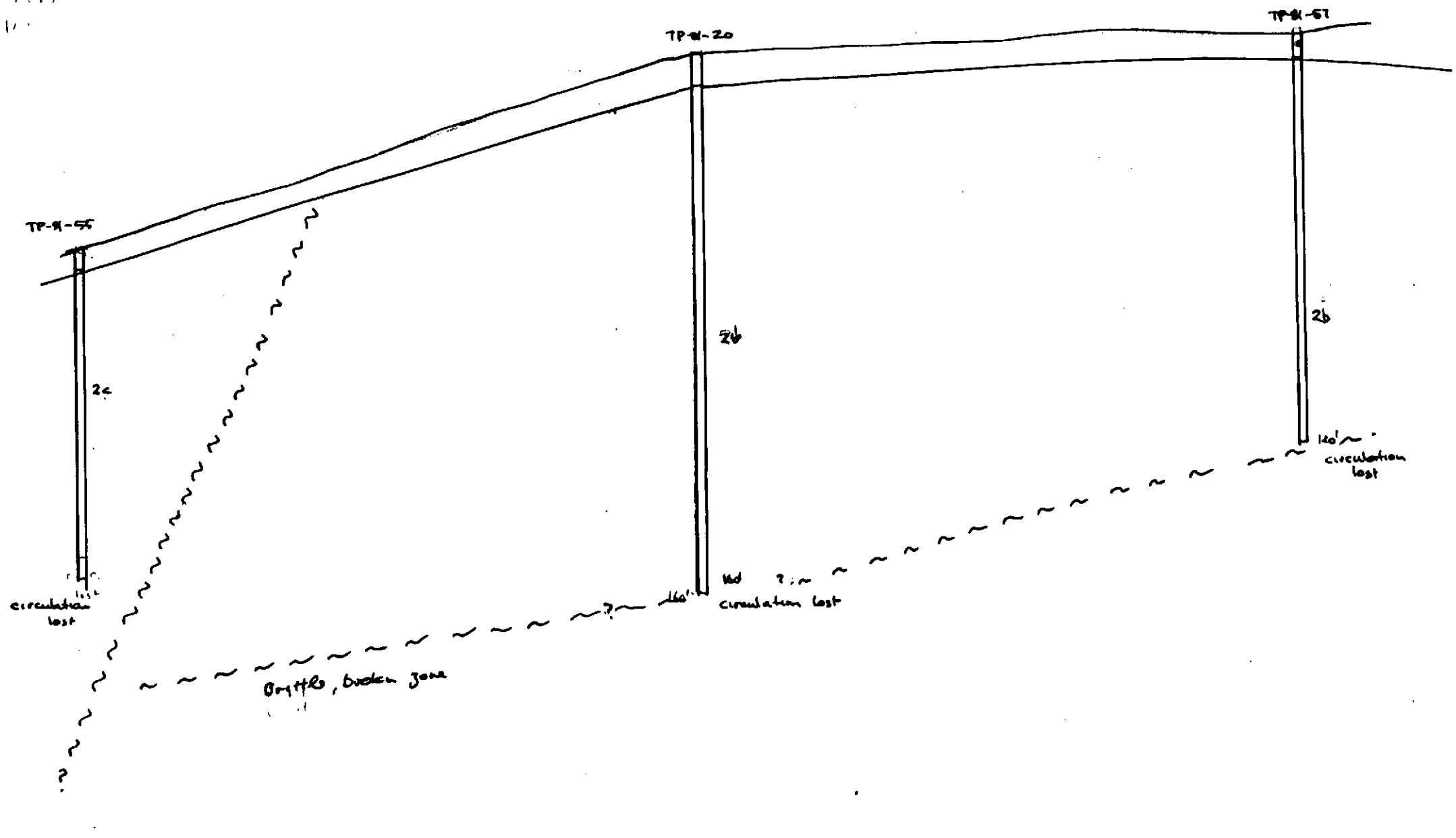
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PERCUSSION DRILL SECTION TP-81-18, 19, 22, 23, 24	
Project.: Thanksgiving	Drawn:
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Scale:	Revised:
N.T.S.:	Figure: 10

NW

SE



LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside ekman
- 2e graphite schist : (g) : gouge
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity

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Percussion Drill Section TP-81-20,55,57	
Project.: Thanksgiving	Drawn: R. Ware
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N.T.S.:	Figure: 11

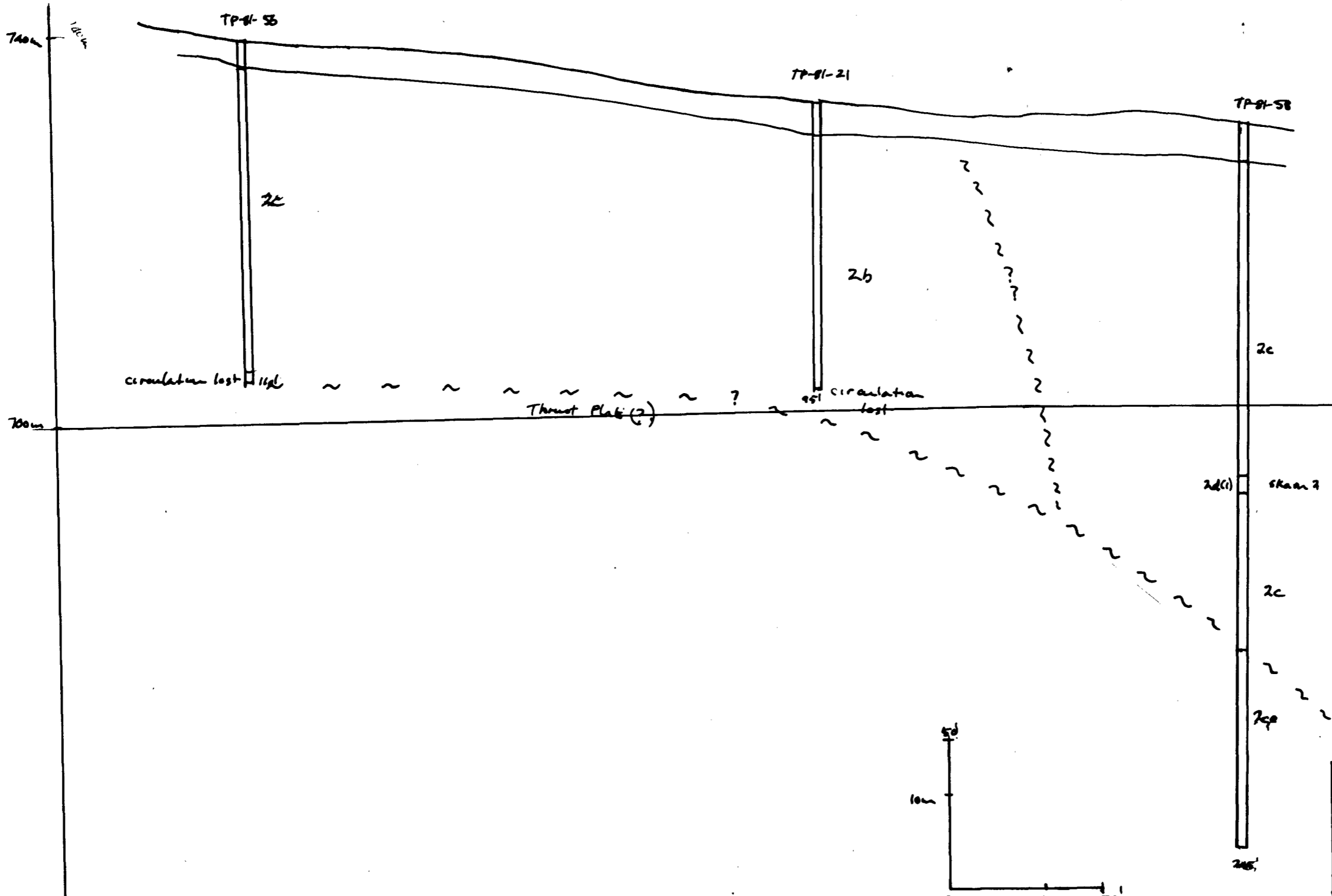


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SW

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LEGEND, DRILL SECTIONS

- 6a siliceous replacement (peg) pegmatite
- 6b kaolinitic gouge
- 6c sericite schist
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity
- po pyrrhotite
- py pyrite
- sch scheelite

<b>NORTH AIR MINES LTD.</b>	
Percussion Drill Section TP-81-21,56,58	
Project: Thanksgiving	Drawn:
Date:	Approved:
Scale:	Revised:
N.T.S.:	Figure: 12

#### 8. South Limb (Holes #TP-81-25,26,27,28,29)

The above group of holes was drilled with the purpose of further defining the skarn horizons encountered on T-81-6, and 7.

Hole T-81-25 was drilled with the purpose of sampling the upper part of T-81-22, where, while driving casing, heavy sulphide was encountered. A zone of heavy pyrite was encountered in the zone to 50', where core was not recovered. The zone was strongly graphitic and apparently part of a subsidiary sheer/brittle zone. Traces pyrite and pyrrhotite were encountered to the end of the hole (215') but no skarn horizons.

Holes 26,27,28,29 were to establish the strike and dip of the carbonate unit in T-81-6 and 7.

Hole #26 encountered a skarn horizon at 10-15', and 30'-40', but with relatively poor assay values for W. Scheelite was recognized in the concentrate in 2 sections. No repetition of the horizon was encountered in the hole. Hole #27, encountered good visual scheelite in one 5' section in the skarn horizon, from 10 to 30'. The assay for the section from 10'-15', ran 0.26%  $WO_3$ . No other skarn units were encountered.

Hole #28, a short 45' hole, established that the dip was to the SW and essentially was collared in the core of the anti-form skarn horizon. The information suggests a fold or fault zone in the area. (Fig. 13 )

#### 9. South West Limb (Holes TP-81-30 to 37,41 to 44)

This group of holes was designed to test the updip extension of the weak skarn horizon encountered in Hole T-81-25. Projection, using structure contours, suggested a trace or fault extension between 50,015N, 49,865E to 49,975N, 49,750E. (Fig. 14 )

The initial hole, T-81-30, was collared in a section from 5'-10', with heavy scheelite but underlain by quartz-biotite schist. The section of interest assayed 2.44%  $WO_3$ . Hole #31 failed to intersect the zone, with loss of circulation at 70 '. Hole #32, to the south likewise lost circulation, despite several attempts at grouting with polymers. No information was derived from this hole. (Fig. 15)

Holes 33 to 37, did not intersect only marked skarn horizon, but occasional, weak zones, which assayed low to background W values. (Fig. 16,17)

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TP-81-26

Sample #	from	to	width W
	10	15	5 20
	15	20	5 25
	20	25	5 20
	30	35	5 15
	35	40	5 50

TP-81-27

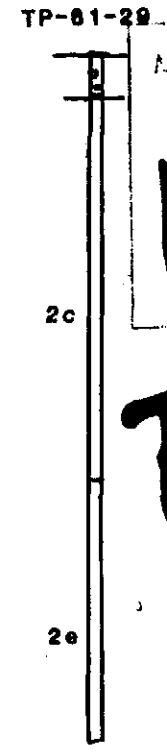
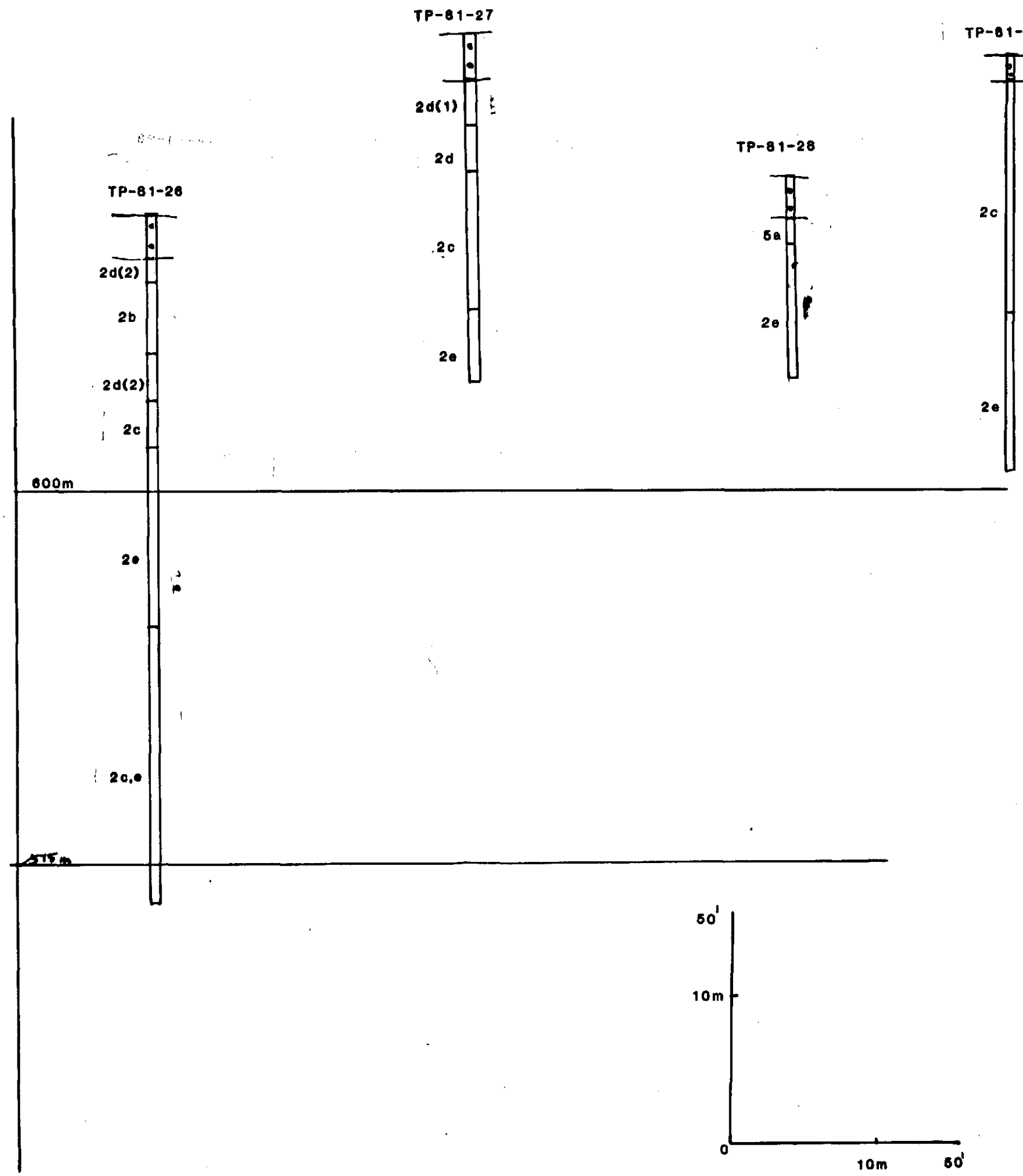
assay	from	to	width W
	10	15	5 2000
	10	15	5 0.26
	15	20	5 700
	20	25	5 120
	25	30	5 25

TP-81-28

	15	20	5 5
--	----	----	-----

TP-81-29

	5	10	5 2
	10	15	5 1
	15	20	5 1



- LEGEND DRILL SECTIONS
- 5a siliceous replacement (peg) pegmatite
  - 5b kaolinitic gouge
  - 5c sericite schist
  - 4b quartz monzonite
  - 4d porphyritic quartz monzonite dyke
  - Upper Assemblage
  - 3a quartz - augen gneiss / schist
  - 3b biotite - quartz - gneiss
  - Intermediate Assemblage
  - 2a qtz. - chlorite schist : (1) : chlorite schist
  - 2b qtz. - biotite / schist
  - 2c qtz. - muscovite / muscovite schist
  - 2d calcareous unit
  - 2d(1) silicified limestone
  - 2d(2) calc. silicate
  - 2d(3) garnet - diopside skarn
  - 2e graphite schist : (g) : gouge
  - Lower Assemblage
  - 1a quartzite
  - 1b quartz - biotite schist
  - fault zone (definite, inferred)
  - contact (definite, assumed)
  - trace of foliation/schistosity

**NORTHAIR MINES LTD.**

**PERCUSSION DRILL SECTION  
 TP - 81-26, 27, 28, 29**

Project.: Thanksgiving	Drawn:
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N.T.S.:	Figure: 13

The initially high  $WO_3$  values in TP-81-30 could not be traced in any other holes. Subsequent bulldozer trenching revealed strongly fractured material with strong skarn material or float lying on top of a shattered quartz-biotite schist. Field relationships were ambiguous. It appears that the high grade occurrence was float lying on top of bedrock.

#### 10. Lower skarn zone (TP-81-38,39,40)

The lower skarn zone at 50,015N, 49,875E was checked with some holes.

Hole #38, drilled to intersect the down dip extension of the lower skarn occurrence was unsuccessful. Circulation loss and persistent grouting failure led to abandonment at 70'. Hole #39, drilled to a depth of 200', intersected a zone of quartz-muscovite schist with heavy pyrrhotite from 15' to 110', but no skarn or scheelite occurrences. Assay values were background. The hole appears to have been drilled at too low a stratigraphic level, in the core of the antiform, and did not intersect the northern or northeast limb.

Hole #40, intersected a zone, from 20' to 65' of skarn carrying 1 to 2% pyrrhotite and fair to good scheelite values. Assay values, though anomalous in character merely confirmed the extension of the surface showing to the east. Locally strong graphitic horizons suggest a degree of structural complexity. (Fig.18,19)

#### 11. Core Zone (Holes TP-81-45,46,47,48), lower area

The above holes were drilled in what had been inferred, on geological grounds, to be the core area of the antiform. The objective was to determine any structural repetitions, or, less probably, any lower, unrecognized carbonate horizons.

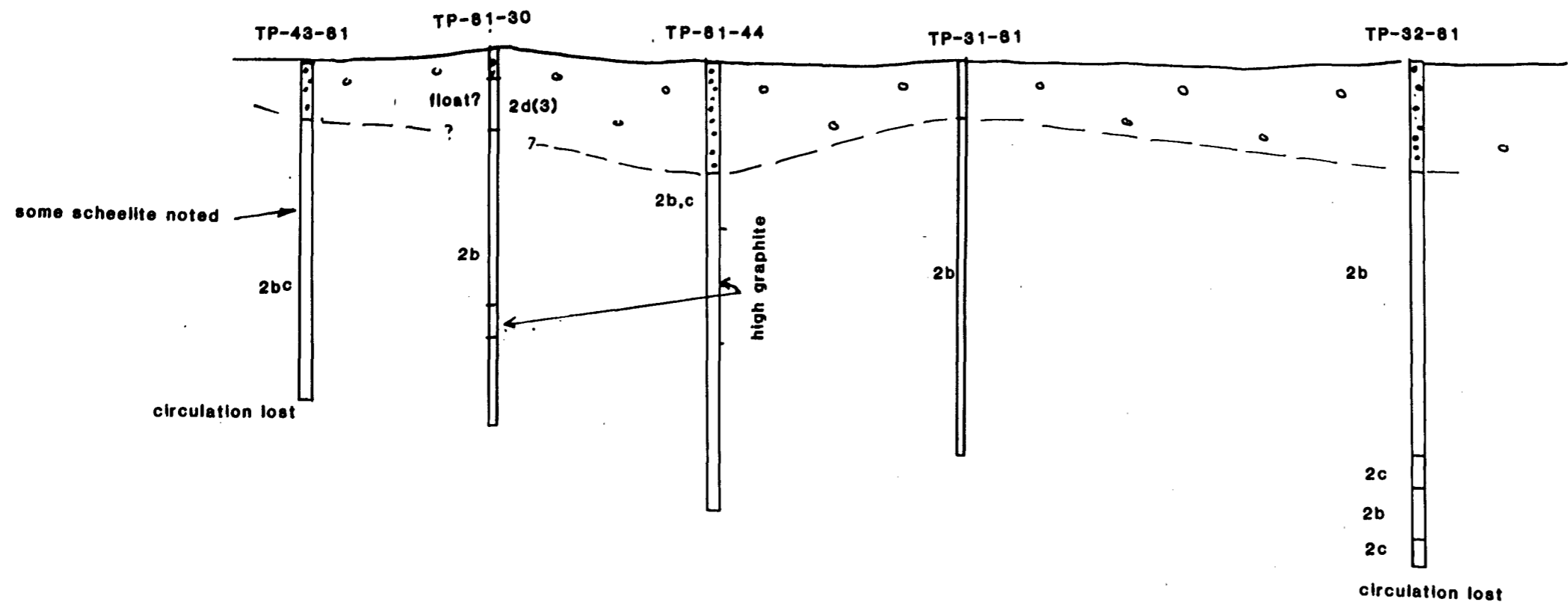
The holes (Fig. 20) did not reveal any skarn aspects, though a horizon in hole #48, 125 to 135, was strongly effervescent. The units were essentially quartz-muscovite schists with variable amounts of graphite. Sulphides were generally low or absent, no scheelite was observed. The high grade surface float in the area was not, on the basis, of the above information, derived from a source area within the core of the antiform.

TP-81-30

Sample #	from	to	width	W
5	10	5	72000	
assay	5	10	5	2.44
	10	15	5	500
	15	20	5	400

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LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
  
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
  
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
  
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
  
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity

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Percussion Drill Section TP - 81- 30, 31, 32, 43, 44	
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N

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TP-36-81

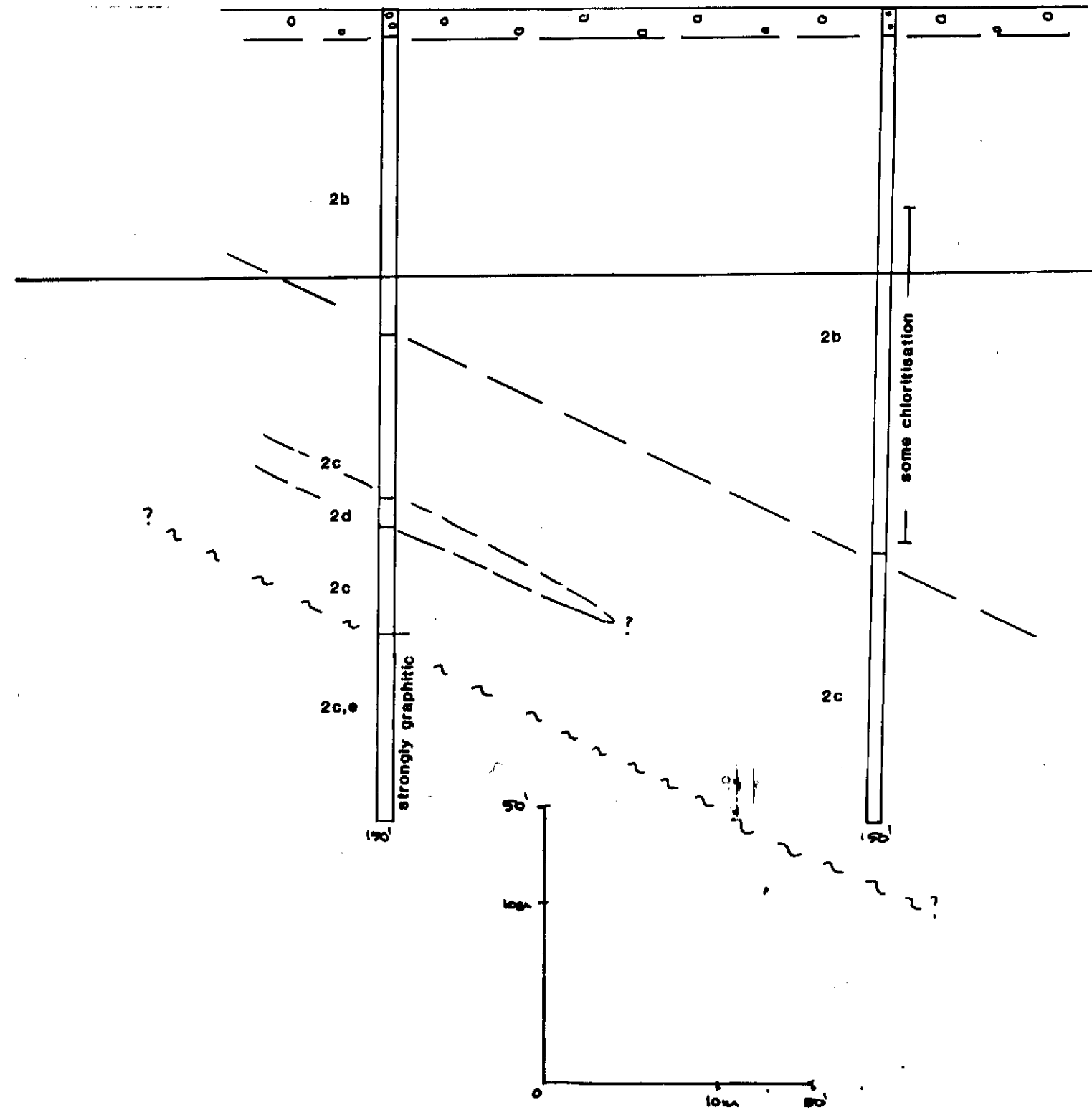
TP-37-81

TP-81-36

Sample #	from	to	width	W
25	30	5	5	
90	95	5	30	
115	120	5	10	

LEGEND, DRILL SECTIONS

- 6a siliceous replacement (peg) pegmatite
  - 6b kaolinitic gouge
  - 5a sericite schist
  
  - 4b quartz monzonite
  - 4d porphyritic quartz monzonite dyke
  
  - Upper Assemblage
  - 3a quartz - augen gneiss / schist
  - 3b biotite - quartz - gneiss
  
  - Intermediate Assemblage
  - 2a Qtz - chlorite schist : (1) : chlorite schist
  - 2b Qtz - biotite / schist
  - 2c Qtz - muscovite / muscovite schist
  - 2d calcareous unit
  - 2d(1) silicified limestone
  - 2d(2) calc. silicate
  - 2d(3) garnet - diopside skarn
  - 2e graphite schist : (g) : gouge
  
  - Lower Assemblage
  - 1a quartzite
  - 1b quartz - biotite schist
- fault zone (definite, inferred)  
 contact (definite, assumed)  
 trace of foliation/schistosity  
 po pyrrhotite  
 py pyrite



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Percussion Drill Section TP-81-36, 37		
Project: Thanksgiving	Drawn: R. Wares	
Date: Dec. 1981	Approved:	
Scale:	Revised:	
N.T.S.:	Figure: 16	

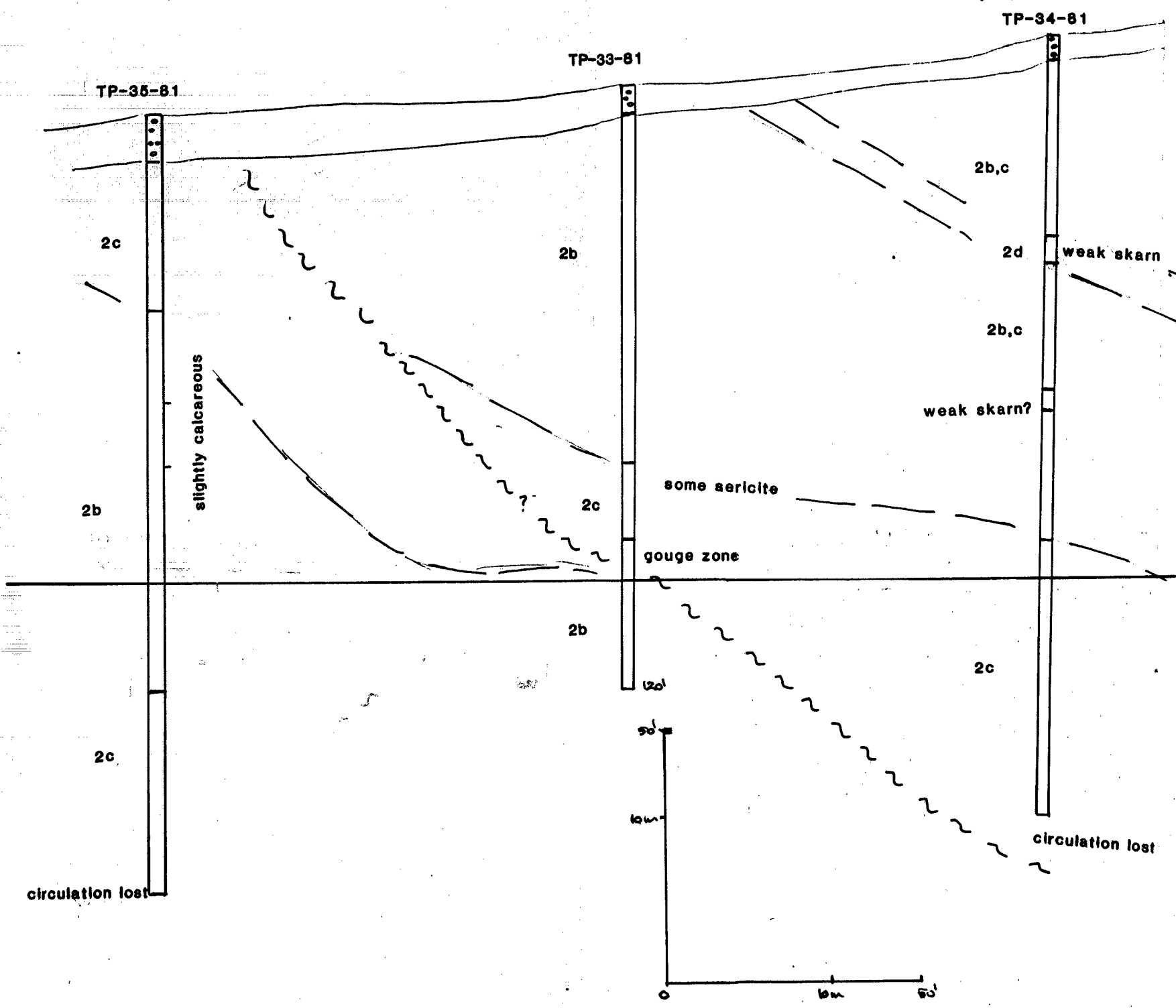
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LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity
- po pyrrhotite
- py pyrite
- sch scheelite



TP-81-35

Sample #	from	to	width	W
35	40	5	10	
40	45	5	10	
45	50	5	15	
80	85	5	1	
85	90	5	1	
140	145	5	5	
150	155	5	5	

TP-81-34

Sample #	from	to	width	W
35	40	5	5	
40	45	5	5	
45	50	5	10	
50	55	5	10	
55	60	5	5	

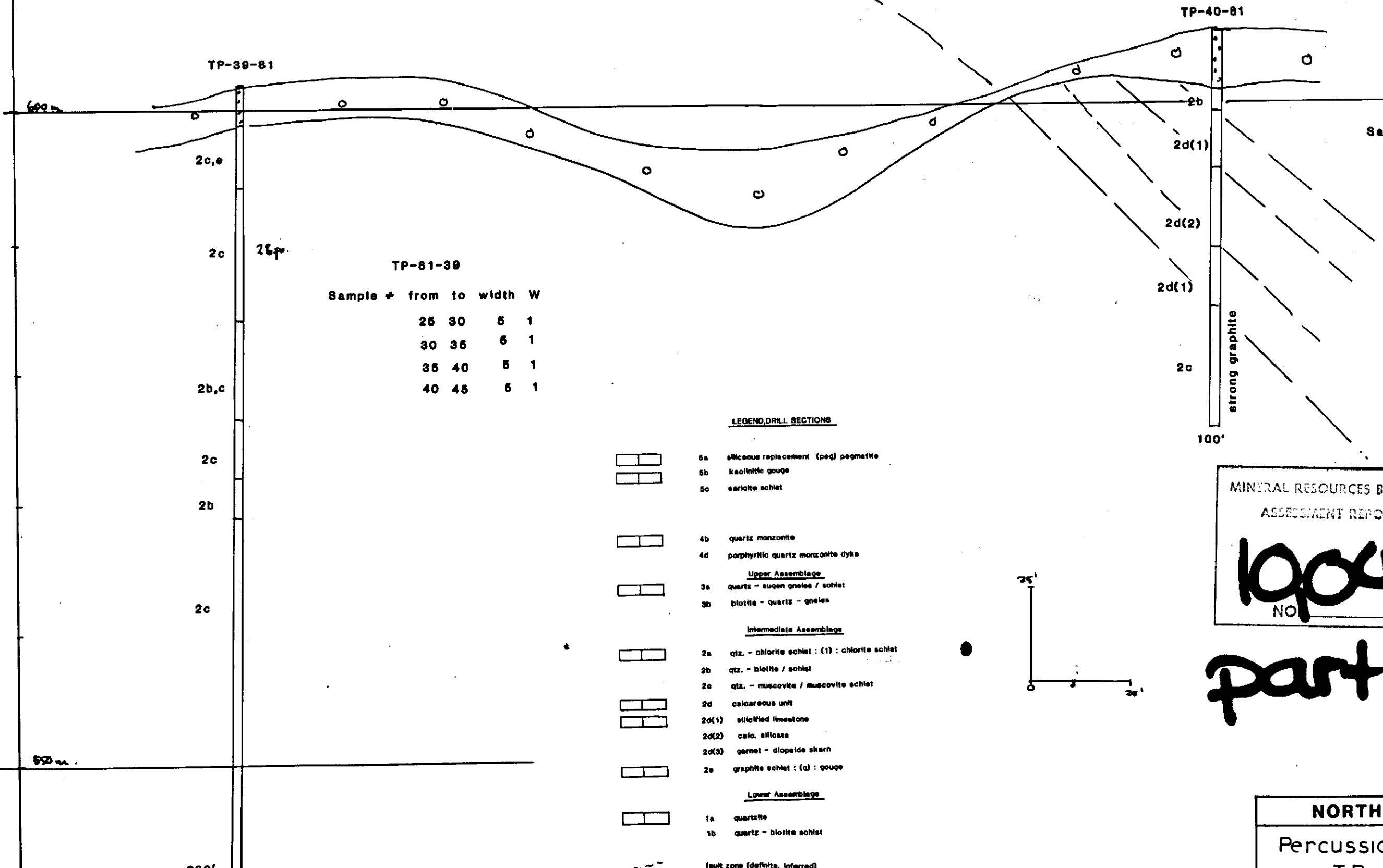
TP-81-33

Sample #	from	to	width	W
50	55	5	15	
100	105	5	10	
105	110	5	10	
110	115	5	1	
115	120	5	10	

<b>NORTHAIR MINES LTD.</b>	
Percussion Drill Section TP-81-33, 34, 35	
Project: Thanksgiving	Drawn: R. Wong
Date: Dec 1981	Approved:
Scale:	Revised:
N.T.S.:	Figure: 17

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TP-81-39

Sample #	from	to	width	W
25	30	5	1	
30	35	5	1	
35	40	5	1	
40	45	5	1	

TP-81-40

Sample #	from	to	width	W
15	20	5	45	
20	25	5	35	
25	30	5	300	
35	40	5	180	
45	50	5	50	

LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
  
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
- Upper Assemblage
- 3a quartz - saucer gneiss / schist
- 3b biotite - quartz - gneiss
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity

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Percussion Drill Section TP-81-39, 40	
Project.: Thanksgiving	Drawn: R. Wong
Date: Dec 1981	Approved:
Scale: 1	Revised:
N.T.S.:	Figure: 19

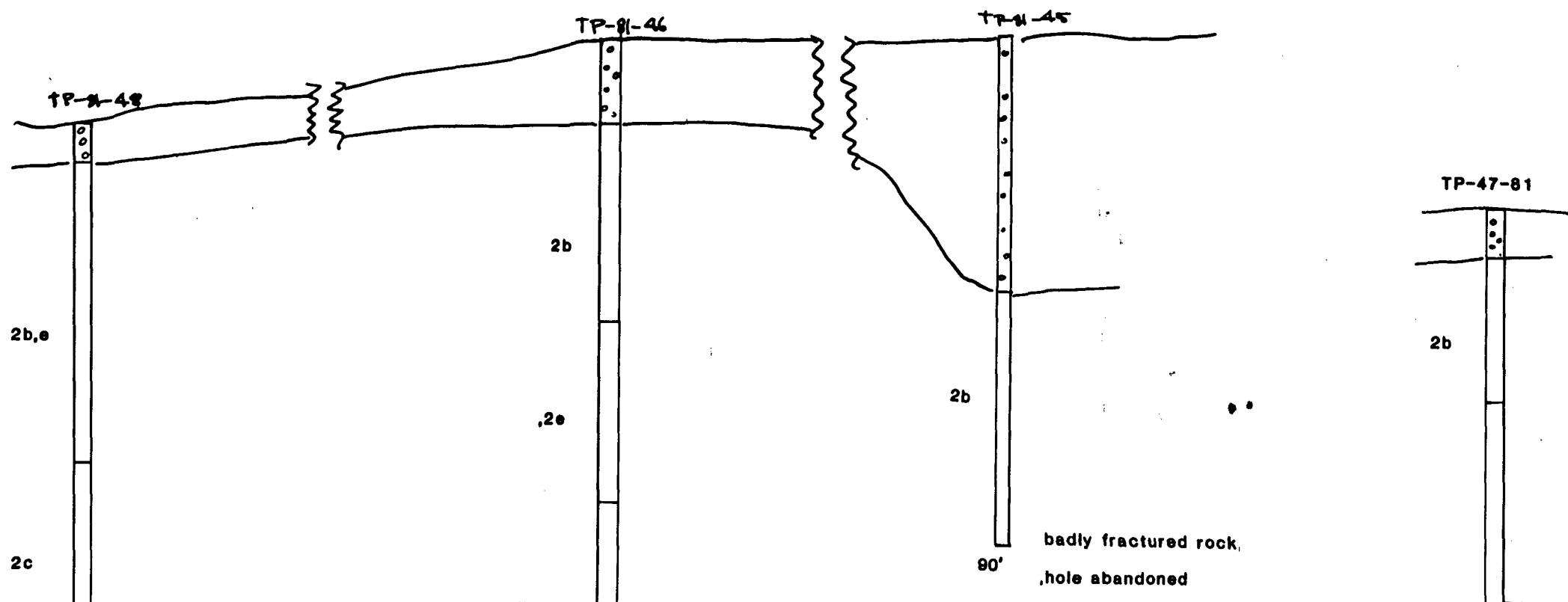


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of 6**



LEGEND, DRILL SECTIONS

- 5a siliceous replacement (peg) pegmatite
- 5b kaolinitic gouge
- 5c sericite schist
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity

2d(?) strong effervescence

2c calcareous

badly fractured rock,  
hole abandoned

<b>NORTHAIR MINES LTD.</b>	
Percussion Drill Section TP -81- 45,46,47,48	
Project.: Thanksgiving	Drawn: R. Wans
Date:	Approved:
Scale:	Revised:
N.T.S.:	Figure: 20

## 12. Upper Core Zone (Holes TP-81-49,50,53)

The above holes were drilled to test the presence of hidden carbonate units in the eastern portion of the core of the antiform.

Holes 49 and 50 consisted essentially of quartz-muscovite and quartz muscovite graphite schists, the latter carry low but widespread pyrite. No scheelite or skarn was observed. Hole #53 (Fig. 21) was slightly more calcareous in nature but essentially composed quartz-graphite-muscovite schists. Pyrite was widespread.

No indications suggested any lower skarn horizons of economic interest.

## 13. Other Drill Holes (TP-81-54,59)

Hole #TP-81-54, was drilled to the north east of the creek showing. A possible thin weak, but questionable, skarn was encountered at 40-45' (Fig. 22) but was not accompanied by identifiable sulphides or scheelite. No significant information could be adduced to suggest any potential in this area.

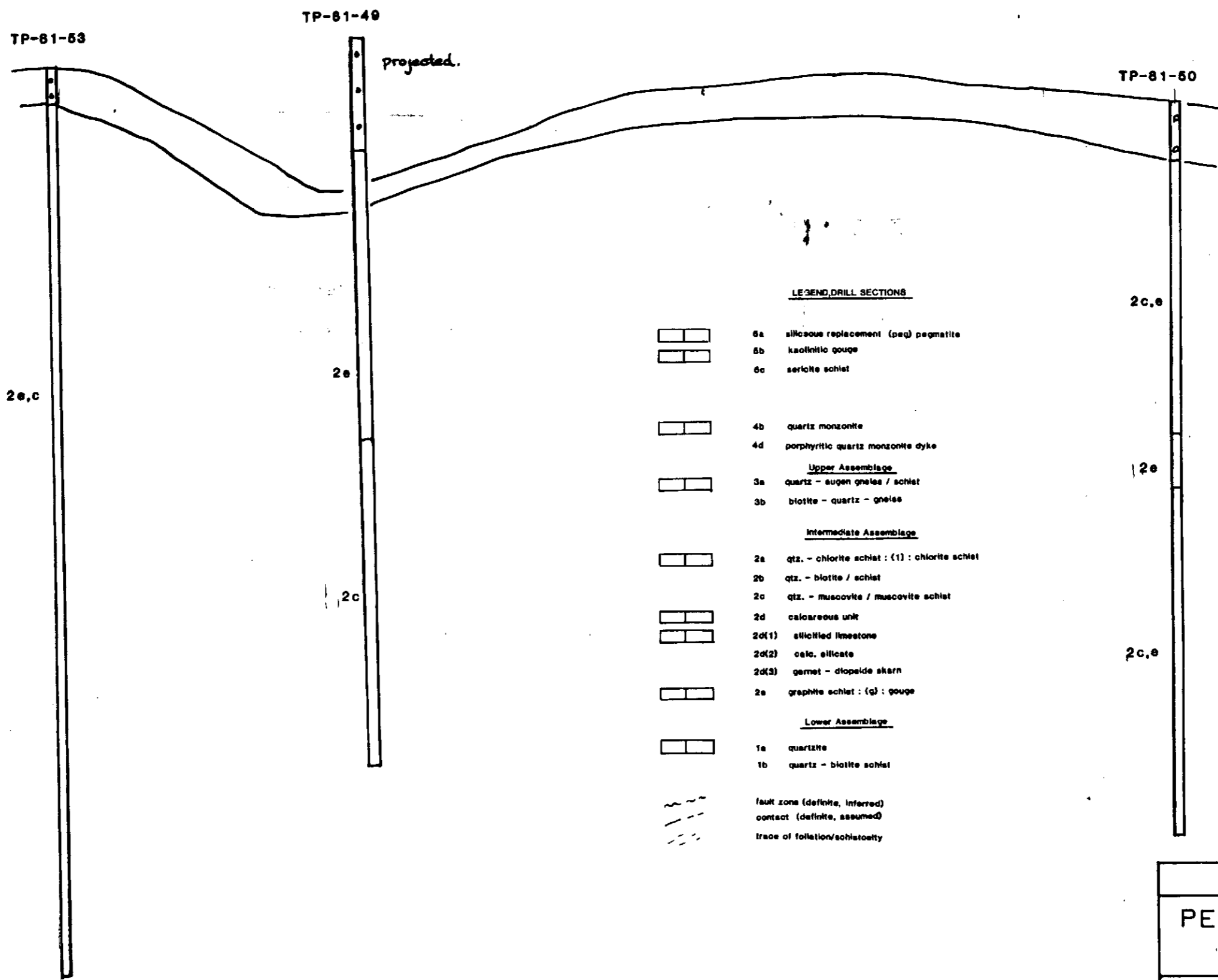
Hole #TP-81-59, the final hole in the percussion drill programme, was drilled to test the prophyritic quartz monzonite dyke/ sill exposed in nearby road outcrops. The hole was collared in the quartz-monzonite and passed into a calcareous qtz-biotite schist at 60'. No skarn was noted; neither pyrite, a pyrrhotite or scheelite was observed.

The calcareous nature (Fig. 23) appears to be a secondary carbonate associated with a brittle zone.

## 14. Summary and Conclusions

- 1) The percussion drill programme was a cost effective method of delineating skarn occurrences.
- 2) The nature of the scheelite precludes a realistic sampling of scheelite mineralization, but it is clear that the visual logging was adequate to assess its presence, even if assay values were low to background.
- 3) The percussion programme affirms that the scheelite mineralization is variable in its distribution, as is the strong garnet skarn with which it is associated.
- 4) No further percussion drilling is proposed at the present time.

N ————— S



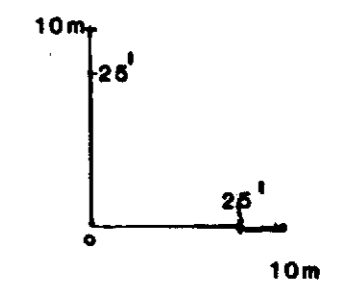
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**10,041**

**Part 6  
of 6**

LEGEND, DRILL SECTIONS

- 6a siliceous replacement (peg) pegmatite
- 6b kaolinitic gouge
- 6c sericite schist
  
- 4b quartz monzonite
- 4d porphyritic quartz monzonite dyke
  
- Upper Assemblage
- 3a quartz - augen gneiss / schist
- 3b biotite - quartz - gneiss
  
- Intermediate Assemblage
- 2a qtz. - chlorite schist : (1) : chlorite schist
- 2b qtz. - biotite / schist
- 2c qtz. - muscovite / muscovite schist
- 2d calcareous unit
- 2d(1) silicified limestone
- 2d(2) calc. silicate
- 2d(3) garnet - diopside skarn
- 2e graphite schist : (g) : gouge
  
- Lower Assemblage
- 1a quartzite
- 1b quartz - biotite schist
  
- fault zone (definite, inferred)
- contact (definite, assumed)
- trace of foliation/schistosity

2c,e  
2e  
2c  
2c,e



<b>NORTHAIR MINES LTD.</b>	
PERCUSSION DRILL SECTION TP-81-49, 50, 53	
Project.: Thanksgiving	Drawn: F. Wares
Date:	Approved:
Scale:	Revised:
N.T.S.:	Figure: 21

APPENDIX  
TABLE 15  
PERCUSSION DRILL COSTS, DIRECT, INDIRECT

	<u>Unit Cost</u>	<u>Total</u>	
1. Direct percussion drill costs		68,615.32	68,615.32
2. Indirect Costs			
a) Mobilization		351.18	
b) Demobilization		637.63	
c) Sample Bags		627.00	
d) Drill Report		326.09	
e) Grouting		1,498.51	
f) Haulage for drill	(1)	75.55	
	(2)	75.35	
	(3)	50.35	
	<u>Sub Total</u>	72,256.98	72,256.98
	Cost/Ft.	\$ 8.01	
	Cost/M	\$26.26	
3. Induced Costs			
a) Equipment		1,485.00	
b) Assays		1,326.98	
c) Site Clearance, Oct 5,6,11,15,20,24,31 Nov 2,3,4,5,6,9,10, 92.5 Hrs.	55.00	5,087.50	
	<u>Total</u>	7,899.48	80,156.46
4. Support Costs			
a) Drill Crew (2) 37 days, Revelstoke	56.90	4,210.60	
b) Field Crew		4,845.15	
c) Vehicle		985.08	
d) Gas		410.55	
		10,451.75	90,608.21
5. Wage Costs (Field)			
a) R. Wares, 25 1/2 days	132.56	3,380.28	
b) R. Duncan, 38 days	73.56	2,795.28	
c) W. George, 34 days	73.56	2,501.04	
d) G. Thomson, 16 days	122.20	1,955.20	
	<u>Sub Total</u>	10,631.80	101,240.01
6. Wage Costs (Office)			
R. Wares, drill log prep, Nov 12,13, 14,17,18	132.56	662.80	
Drill log preparation		661.50	
	<u>Total</u>	1,324.30	<u>102,564.31</u>
	<u>TOTAL</u>		<u>\$102,564.31</u>
	Cost/Ft.	\$11.30	
	Cost/M.	\$37.05	

PERCUSSION DRILL COSTS; DIRECT

#	O.B.	Drilling	Travel	Others	Casing	Shells	Ttl	\$/Ft.
1	145	780	156	137	495.55	720.59	2328.14	15.52
2	130	390	---	85	---	---	520	6.93
3	130	1820	---	85	---	---	2035	6.78
4	260	1680	---	---	---	---	1950	6.50
5	162.50	1787.50	---	85	---	---	2035	6.78
6	195	1755	---	---	---	---	1950	6.50
7	195	1755	---	85	---	---	2035	6.78
8	195	1105	---	---	---	---	1300	6.50
9	195	1105	---	---	---	---	1300	6.50
10	260	1040	---	---	---	---	1300	6.50
11	162.50	1137.50	---	---	---	---	1300	6.50
12	195	1105	---	---	---	---	1300	6.50
13	357	1436	---	170	495.55	---	2452.55	8.92
14	195	585	---	---	---	---	780	6.50
15	195	585	---	85	---	---	865	7.85
16	195	292	---	85	---	---	572	7.63
17	195	195	---	---	---	---	390	6.50
18	130	1625	---	52	---	---	1807	6.57
19	292.50	390	---	189	---	---	871.50	8.30
20	390	715	---	---	---	---	1105	6.91
21	221	396.50	---	85	---	---	702.50	7.39
22	325	130	---	85	---	---	540	8.31
23	325	975	---	---	---	---	1300	6.34
24	195	320	---	---	---	---	715	6.50
25	---	1365	---	---	---	---	1365	6.35
26	---	942.50	---	---	---	---	942.50	6.50
27	---	487.50	---	---	---	---	487.50	6.50
28	---	325	---	---	---	---	325	7.22

Cont'd next pg.

#	O.B.	Drilling	Travel	Others	Casing	Shells	Ttl	\$/Ft.
29	---	585	---	85	---	---	670	7.44
30	260	130	---	231.50	---	---	621.50	10.36
31	325	130	---	807.50	---	---	1262.50	18.04
32	195	812.50	---	---	---	---	1007.50	11.19
33	162.50	617.50	---	170	---	---	950	7.92
34	195	812.50	---	85	---	---	1092.50	7.05
35	195	845	---	---	495.55	---	1535.55	9.91
36	325	650	---	127.50	---	---	1102.50	7.35
37	195	455	---	---	---	---	650	4.33
38	325	195	265	---	495.55	---	1280.55	17.07
39	130	1170	85	127.50	---	---	1512.50	7.56
40	162.50	487.50	---	---	---	---	650	6.50
41	260	260	---	80.30	---	720.59	1320.89	16.51
42	130	390	---	---	---	---	520	6.50
43	162.50	162.50	127.50	127.50	---	---	580	7.25
44	162.50	357.50	---	---	---	---	520	6.50
45	195	390	---	---	---	---	585	6.50
46	325	975	85	---	495.44	---	1880.55	9.40
47	195	780	---	---	---	---	975	6.50
48	130	1170	170	---	---	---	1470	7.35
49	260	1040	---	---	---	---	1300	6.50
50	325	975	255	---	---	---	1555	7.78
51	260	715	---	---	---	---	975	6.50
52	130	845	---	---	---	---	975	6.50
53	195	1430	---	---	---	---	1625	6.50
54	130	1170	85	---	---	---	1385	6.93
55	130	780	---	---	---	---	910	7.58
56	325	390	85	104	---	720.59	1624.59	14.77

Cont'd next pg.

#	O.B.	Drilling	Travel	Others	Casing	Shells	Ttl	\$/Ft.
57	130	487.50	---	---	---	---	617.50	6.50
58	130	1462.50	170	---	---	---	1762.50	7.19
59	260	552.50	170	---	---	---	982.50	7.86
<b>TOTAL</b>	<b>11,586.5</b>	<b>47,647.0</b>	<b>1,653.5</b>	<b>3,088.80</b>	<b>2,477.75</b>	<b>2,161.77</b>	<b>68,615.52</b>	<b>7.56</b>

Av. Direct Cost \$7.56/Ft.  
\$24.79/M.

## A.2 Field Technique

The percussion drill cuttings were examined in 5' sections.

The procedure adopted was to collect the cuttings, allow settling and then transport the cuttings to a trailer for examination.

The examination comprised an assessment

- a) white vein quartz
- b) percentage pyrite
- c) percentage pyrrhotite
- d) assessment of effervescence with dilute HCl on a scale of 1 to 5 (1 low, 5 strong)
- e) assessment under UV light of scheelite content (on a scale 1 (low) to 5 (high)).
- f) an assessment of rock type, based on diamond drill core and field evidence.
- g) an estimate (where possible) of the mineral percentages eg chlorite, biotite, graphite.

Where skarn mineralogy, strong effervescence, or heavy pyrrhotite mineralization was encountered, samples were sent for assay. Where W (ppm) was in excess of 700 ppm, an assay was performed.

Specimen cuttings were retained in soil sample bags for further petrographic examination. All percussion cuttings, except for assay samples, were retained in a warehouse in Revelstoke.

Samples were examined in the field under a binocular microscope.



# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910  
AREA CODE: 604

## CERTIFICATE OF ANALYSIS

TO: NORTH AIR LINES LTD.  
1450-625 Howe St.  
Vancouver, B.C.

CERTIFICATE NO. 81445-3

INVOICE NO. 8082

DATE RECEIVED

ATTN: 412-07-331

DATE ANALYSED Nov 5, 1961

SAMPLE NO.:	
726 V	0.01
727 V	0.02
728 V	0.01
729 V	0.01
730 V	0.01
731 V	0.02
732 V	0.01
733 V	0.01
734 V	0.01
735 V	0.01
736 V	0.01
737 V	0.01
738 V	0.01
739 V	0.01
740 V	0.06
741 V	0.01
742 V ✓	0.01
39424	0.21
39425	0.20
39534	0.22
39535	0.54
39536	0.03
39537	0.10
39421 cut1	0.19
39421 cut2	0.20
39421 cut4	0.19
39421 cut5	0.19
a) Replicate cuts from coarse reject.	

Certified by

*[Signature]*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910

## CERTIFICATE OF ANALYSIS

TO: **NORTH AIR MINES LTD.**  
1450 - 625 HOWE ST.  
VANCOUVER, B.C. V6C 2T6

CERTIFICATE NO. 81445-7  
INVOICE NO. 2029  
DATE ANALYSED NOV 6, 1981  
PROJECT 412-07-NRM

No.	Sample	pH	Mo	Sw	W					No.
01	39401				35					01
02	402				5					02
03	403				10					03
04	404				5					04
05	405				5					05
06	406				5					06
07	407				5					07
08	408				1					08
09	409				1					09
10	39410				1					10
11	411				2					11
12	412				1					12
13	413				1					13
14	414				1					14
15	415				1					15
16	416				1					16
17	417				1					17
18	418				1					18
19	419				1					19
20	39420				20					20
21	421				1					21
22	422				2					22
23	423				2					23
24	424				1200					24
25	425				>2000					25
26	39526				10					26
27	527				5					27
28	528				10					28
29	529				5					29
30	530				120					30
31	531				10					31
32	532				15					32
33	533				5					33
34	534				>2000					34
35	535				>2000					35
36	536				700					36
37	537				1600					37
38	538				180					38
39	39539				1					39
40										40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by

*J. Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
 BURNABY, B. C.  
 CANADA  
 TELEPHONE: 299-6910

## CERTIFICATE OF ANALYSIS

TO: **NORTH AIR MINES LTD.**

1450 - 625 HOWE ST.  
 VANCOUVER, B.C. V6C 2T6

CERTIFICATE NO. 31445-2

INVOICE NO. 2029

DATE ANALYSED NOV. 9, 1981

PROJECT 412-07.NRM

No.	Sample	pH	Mo	So	W						No.
01	39540				1						01
02	541				1						02
03	542				1						03
04	543				2						04
05	544				2						05
06	545				1						06
07	546				5						07
08	547				25						08
09	548				1						09
10	549				5						10
11	39550				5						11
12	TP-81-7 5'-10'				2						12
13	TP-81-16 50'-55'				500						13
14											14
15											15
16											16
17											17
18											18
19											19
20											20
21											21
22											22
23											23
24											24
25											25
26											26
27											27
28											28
29											29
30											30
31											31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by

*J. Rossbacher*

# Rossbacher Laboratory Ltd.

**GEOCHEMICAL ANALYSTS & ASSAYERS**

2225 S. SPRINGER AVE.,  
 BURNABY, B. C.  
 CANADA  
 TELEPHONE: 299-6910  
 AREA CODE: 604

## CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 31491

TO: NORTH AIR MINES LTD.  
 1450-625 Howe Street  
 VANCOUVER, B.C.

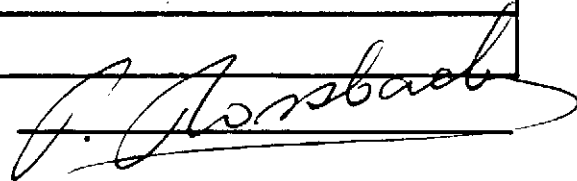
INVOICE NO. 2048

DATE RECEIVED

DATE ANALYSED Dec. 19, 1981.

ATTN: Project 412-07-NRM

SAMPLE NO.:		%
		W03
TP 81-24	18.8-19.8	0.01
	19.8-20.8	0.02
	20.8-21.8	0.01
	21.8-22.8	0.01
	22.8-23.8	0.01
	23.8-24.8	0.01
	24.8-25.8	0.01
TP 31-26	28.6-29.6	0.01
	31.5-32.5	0.01
TP 81-30	5 -10	2.44
	10 -15	0.06
TP 81-52	30 -35	0.08
TP 31-27	10 -15	0.26
	15 -20	0.06

Certified by 

Analytical Technique

ROUTINE PROCEDURE FOR DETERMINATION OF TUNGSTEN IN

A:4

MAC MILLAN TUNGSTEN CORE SAMPLES

ROSSBACHER LABORATORY LTD.  
Burnaby, B.C.

REAGENTS:

1. Ferric chloride solution, 10%: 100 gm  $\text{FeCl}_3$  per 1000 ml  $\text{H}_2\text{O}$
2. Stannous chloride solution, 45.2%: 226 gm  $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$  dissolved in 450 ml of  $\text{HCl}$ , dilute to 500 ml with  $\text{HCl}$
3. Potassium thiocyanate solution, 20%: 100 gm  $\text{KSCN}$  dissolved in  $\text{H}_2\text{O}$ , dilute to 500 ml with  $\text{H}_2\text{O}$  (make fresh each day)
4. Standard  $\text{WO}_3$  stock solution, 10,000  $\mu$ /ml: 14.23 gm  $\text{Na}_2\text{WO}_4 \cdot 2\text{H}_2\text{O}$  dissolved in and diluted to 1000 ml with  $\text{H}_2\text{O}$
5. Standard  $\text{WO}_3$  stock solution, 1000  $\mu$ /ml: dilute 20 ml of 10,000  $\mu$ /ml stock solution to 200 ml with  $\text{H}_2\text{O}$

PROCEDURE ( $\text{WO}_3$  content from 0.4 to 2.0%)

1. Weigh 1.0 gm - 200 mesh sample into 400 ml tall form beaker, add approximately 225 ml  $\text{HCl}$ , and boiling stones
2. Boil with cover glass for 2 hours, stir every 30 minutes
3. Cool in  $\text{H}_2\text{O}$  bath and dilute to 200 ml with  $\text{HCl}$ , using a 200 ml Kohlrausch flash, pour diluted solution back in original beakers
4. Filter off approximately 50 ml into 150 ml beakers using a No. 1 paper folded into a No. 42 paper supported by the rim of the 150 ml beaker
5. Transfer 10 ml aliquot to a 100 ml volumetric flask, add  $\text{HCl}$  to obtain a volume of 50 ml. Then add 1 ml  $\text{FeCl}_3$  solution, 5 ml  $\text{SnCl}_2$  solution and approximately 10 ml  $\text{H}_2\text{O}$
6. Boil in water bath for 10 minutes at  $95^\circ\text{C}$ , measuring temperature in the flask
7. Cool to  $16^\circ\text{C}$  in water bath, and add 5 ml  $\text{KCNS}$  solution, dilute to 100 ml and mix well
8. Let stand for 20 minutes, read within 20 minutes on the Spectronic 20 at  $400\text{ m}\mu$ , using a reagent blank to zero the instrument

SAMPLES WITH VALUES BELOW 0.4% AND ABOVE 2.0% WO<sub>3</sub>

Redo: samples below 0.4% WO<sub>3</sub>, using a 20 ml aliquot

samples between 2.0 and 3.6% WO<sub>3</sub>, using a 5 ml aliquot

samples between 3.65 and 6.0% WO<sub>3</sub>, reweighing at 0.5 gm and using a 5 ml aliquot.

STANDARDS:

Make a set of standards by pipetting an <sup>APPROPRIATE</sup> ~~appropriate~~ aliquot of stock solution in a beaker containing 1.0 gm of pulverized granite as noted below:

$\mu$ /ml	ml aliquot	stock solution used	% WO <sub>3</sub> equivalent
5 <del><math>\mu</math></del> /ml	1.0	1,000 /ml	0.1
10	2.0		0.2
20	4.0		0.4
40	8.0		0.8
60	1.2	10,000 /ml	1.2
80	1.6		1.6
90	1.8		1.8
100	2.0		2.0

Treat standards as samples, continuing from step 1 of the procedure. Use the values obtained to draw a standard curve.

Revised from the Climax Molybdenum Company  
Extractive Metallurgical Laboratory Tungst  
Method 1971

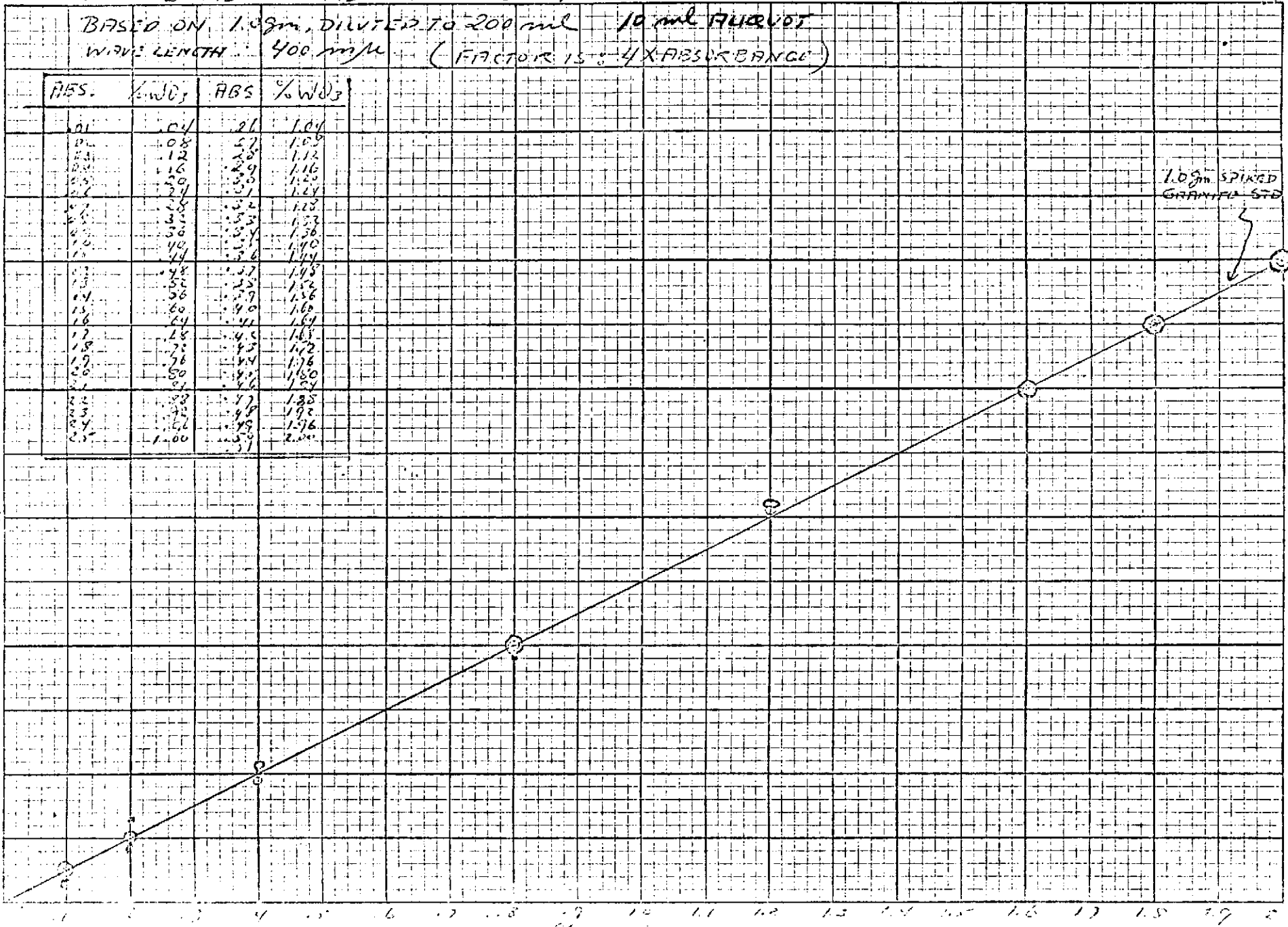
P. Rosbacher

%  $\text{NO}_3$  MET. LAB METHOD. JUNE 8/72

BASED ON 1.0 gm, DILUTED TO 200 ml 10 ml ALBUVOT  
 WAVE LENGTH 400 m $\mu$  (FACTOR IS 4 X ABSORBANCE)

ABS.	% $\text{NO}_3$	ABS.	% $\text{NO}_3$
0.1	0.4	2.1	1.04
0.2	0.8	2.7	1.09
0.3	1.2	2.8	1.12
0.4	1.6	2.9	1.16
0.5	2.0	3.0	1.20
0.6	2.4	3.1	1.24
0.7	2.8	3.2	1.28
0.8	3.2	3.3	1.32
0.9	3.6	3.4	1.36
1.0	4.0	3.5	1.40
1.1	4.4	3.6	1.44
1.2	4.8	3.7	1.48
1.3	5.2	3.8	1.52
1.4	5.6	3.9	1.56
1.5	6.0	4.0	1.60
1.6	6.4	4.1	1.64
1.7	6.8	4.2	1.68
1.8	7.2	4.3	1.72
1.9	7.6	4.4	1.76
2.0	8.0	4.5	1.80
2.1	8.4	4.6	1.84
2.2	8.8	4.7	1.88
2.3	9.2	4.8	1.92
2.4	9.6	4.9	1.96
2.5	1.00	5.0	2.00

ABSORBANCE

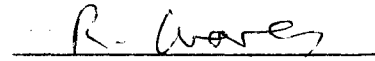


STATEMENT OF QUALIFICATIONS

I, Roy Wares, with business address in the City of Vancouver, in the Province of B.C.

DO HEREBY CERTIFY THAT:

1. I am a graduate of the University of Aberdeen, with a B.Sc (Hons) degree in Geology and Queen's University, Kingston, Ontario, with a degree of M.Sc. in Geology.
2. At the time the work herein described, was performed, I was an Engineer-in-training with the Association of Professional Engineers of British Columbia.
3. I have practiced various levels in my profession in Canada for approximately eighteen years.
4. I am presently employed by Northair Mines and did personally conduct the programme described in this report.

  
\_\_\_\_\_  
Roy Wares

Dated at the City of Vancouver,  
In the Province of British Columbia,  
This 17th day of February 1982.



STATEMENT OF QUALIFICATIONS

I, Fred G. Hewett, with business address in the City of Vancouver, and residential address in the District of Coquitlam, in the Province of British Columbia,  
DO HEREBY CERTIFY THAT:

1. I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
2. I am a registered member of the Association of Professional Engineers of the Province of British Columbia.
3. I am a member of the Canadian Institute of Mining & Metallurgy, a fellow of the Geological Association of Canada, and member of the Society of Economic Geologist.
4. I have practiced various levels of my profession in Canada for approximately fifteen years.
5. I am presently employed by Northair Mines Ltd., and did personally supervise the work described in this report.



Fred G. Hewett, P. Eng.

Dated at the City of Vancouver,  
In the Province of British Columbia,  
This 17th day of February, 1982.

PERCUSSION DRILL LOGS

KEY

QV - quartz vein percentage  
py - % pyrite  
po - % pyrrhotite, estimated visually and by magnetic response.

Eff. - reaction to acid (HCl)  
0 - none  
1 - low  
2 - weak  
3 - weak to strong  
4 - strong  
5 - very strong reaction

Fluor. - scheelite content under UV light  
0 - none  
1 - traces  
2 - trace to minor content  
3 - appreciable content (1-2%)  
4 - strong content (2-3%)  
5 - high content (>3%)

Rock Type - assessment based on known rock types

Mineral Percentage q - quartz  
f - feldspar  
bt - biotite  
ms - muscovite  
ch - chlorite  
gr - graphite  
trem - tremolite

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-1

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 115' STARTED 7/10/81  
 LATITUDE 50234 56N DATUM \_\_\_\_\_ COMPLETED 7/10/81  
 DEPARTURE 49925 54E BEARING -90° ULTIMATE DEPTH 150'  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay W	Mineral Percentages						LOG		
											q	f	bt	mech	gr	others			
10	15	5	tr	-	1	-	Quartz-biotite schist				30	20	30	-	10				
15	20	5	tr	-	1	-	Quartz-biotite schist												
20	25	5	-	-	-	-	Quartz-biotite schist, oxidised												
25	30	10	-	tr	2	-	Quartz-chlorite schist, vein quartz present												
30	35	1-2	tr	tr	4	-	Silicified limestone, some talcose amphibole			(ppm)									
35	40	1-2	tr	1	4	-	Silicified limestone	39526	5'	10									
40	45	1-2	tr	tr	4	2	Silicified limestone	39527	5'	5									
45	50	1	-	1	5	1	Limestone, partly silicified	39528	5'	10									
50	55	1	tr	2	5	1	Limestone, partly silicified	39529	5'	5									
55	60	1	tr	2	5	2	Garnet-diopside skarn	39529	5'	120									
60	65	-	-	2	2	-	Muscovite-chlorite schist	39531	5'	10									
65	70	-	-	2	tr	2	Biotite-chlorite schist	39532	5'	15									
70	75	-	-	1	-	1	Quartz-muscovite schist												
75	80	-	-	tr	-	1	Quartz-biotite-muscovite schist				30	10	20	10	20				
80	85	-	-	tr	-	1	Quartz-biotite-muscovite schist												
85	90					1	Quartz-biotite-muscovite schist												
90	95					1	Quartz-biotite-muscovite schist				35	15	5	20	5				
95	100						Quartz-biotite-muscovite schist												
100	105					1	Chlorite-muscovite schist				30	20	5	10	20				
105	110						Quartz-chlorite-muscovite schist				20	20	10	20	15				
110	115						Quartz-chlorite-muscovite schist												

DRILLED BY Tonto Drilling SIGNED R. Wares



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-2

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 75' STARTED 7/10/81  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED 7/10/81  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 75'  
 ELEVATION \_\_\_\_\_ DIP -90° PROPOSED DEPTH 75'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay	Mineral Percentages						LOG
										W	q	f	bt	mach	gr	others	
5	10	-	tr	-	-	-	Quartz-chlorite schist				30	10	10	10	20		
10	15	tr	tr	-	-	-	Quartz-chlorite schist										
15	20	-	-	-	1	-	Quartz-chlorite schist										
20	25	-	-	tr	3	-	Silicified limestone			(ppm)							
25	30	-	tr	1	3	-	Silicified limestone	39533	5'	5							
30	35	-	tr	2	4	3	Garnet skarn	39534	5'	> 2000							
35	40	-	-	3	4	3	Garnet-potash feldspar-skarn	39535	5'	> 2000							
40	45	-	-	4	5	2	Mixed skarn and chlorite schist	39536	5'	700							
45	50	-	-	3	5	1	Garnet skarn	39537	5'	1600							
50	55	-	-	3	4	1	Silicified limestone	39538	5'	180							
55	60	-	-	1	1	-	Silicified limestone	Assays		% Wo <sub>3</sub>							
60	65	-	-	tr	3	tr	Silicified limestone	39534		0.98							
65	70	-	-	tr	3	-	Calcareous, quartz-muscovite schist	39535		0.54							
70	75	-	-	-	2	-	Quartz-biotite-chlorite schist	39536		0.08							
								39537		0.16							
							75ft., End of Hole										

DRILLED BY Tonto Drilling SIGNED R. Ware

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-3

SHEET NUMBER 1 of 3 SECTION FROM 10' TO 110' STARTED 8/10/81  
 LATITUDE 50300 N DATUM \_\_\_\_\_ COMPLETED 8/10/81  
 DEPARTURE 49900 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 300'  
 ELEVATION 630 M DIP - 90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay w	Mineral Percentages						Log	
											q	f	bt	ms	ch	gr		others
10	15	-	tr	-	-	-	Broken weathered quartz-biotite schist				35		15	5	5			
15	20	-	-	-	tr	-	Quartz schist and quartz-biotite schist											
20	25	-	-	-	1	-	As above											
25	30	-	tr	-	2	-	As above											
30	35	-	1	tr	2	-	Calcareous quartz schist											
35	40	-	-	-	2	-	Calcareous quartz schist											
40	45	-	1	tr	2	-	Calcareous quartz schist, biotite schist				30		30		20			
45	50	-	1	-	2	-	As above											
50	55	-	-	-	1	-	Quartzite quartz schist				35		10		10			
55	60	-	-	-	2	-	Calcareous quartz-biotite schist											
60	65	-	-	-	3	-	Calcareous quartzite-quartz-biotite schist											
65	70	-	-	-	3	-	As above											
70	75	-	-	-	3	-	As above											
75	80	-	-	-	2	-	Calcareous quartz-biotite schist											
80	85	-	-	-	3	-	Calcareous schist (silicified limestone?), some talc/trem. present.											
85	90	-	-	-	3	tr	Silicified limestone ?											
90	95	-	tr	tr	3	-	Silicified limestone-calcareous biot. schist											
95	100	-	tr	tr	2	-	Silicified limestone											
100	105	-	tr	tr	2	-	Quartz schist and chlorite-graphite schist											20
105	110	2	-	-	1	-	Chlorite-quartz schist											

*R. Wane*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-3

SHEET NUMBER 2 of 3 SECTION FROM 110' TO 210' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							Log
										W	q	f	bt	msch	grothers		
110	115	2	-	tr	2	tr	Calcareous quartz-chlorite schist										
115	120	3	tr	-	2	-	As above										
120	125	2	tr	tr	2	-	As above			(ppm)							
125	130	-	1	1	3	-	Silicified limestone ?	39539	5'	1							
130	135	-	1	1	3	-	Silicified limestone ?	39540	5'	1							
135	140	-	tr	-	3	-	As above										
140	145	-	tr	1	4	-	As above										
145	150	-	tr	tr	4	-	As above										
150	155	2	tr	-	3	-	Calcareous quartz-muscovite-chlorite schist				30			35	10		
155	160	2	-	-	3	tr	As above	39541	5'	1							
160	165	1	-	-	3	tr	Calcareous schist										
165	170	-	-	-	3	-	Calcareous quartz-chlorite schist	39542	5'	1							
170	175	-	-	-	2	-	Chlorite-graphite schist									25	
175	180	-	-	-	2	-	Quartz-muscovite-chlorite schist										
180	185	1	-	-	1	-	Quartz-muscovite-chlorite schist										
185	190	-	-	-	2	-	As above										
190	195	-	-	-	2	-	Quartz-chlorite schist				20			5	35		
195	200	-	2	-	2	-	Quartz-chlorite schist									15	
200	205	-	2	-	2	-	Calcareous quartz-chlorite schist, some amph. present										10
205	210	-	-	-	2	-	Calcareous quartz-muscovite-chlorite schist										

*R. Ware*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-3

SHEET NUMBER 3 of 3 SECTION FROM 210' TO 300' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay Mineral Percentages							SOT		
										w	q	f	bt	msch	gr	others			
210	215	-	-	-	1	-	Quartz-muscovite schist				35			35	10				
215	220	-	tr	-	1	-	Quartz-muscovite schist												
220	225	-	tr	-	1	-	Quartz-muscovite schist												
225	230	-	-	-	2	-	Quartz-muscovite-biotite schist				35		10	25					
230	235	-	-	-	1	-	Quartz-muscovite-biotite schist												
235	240	-	-	-	1	-	As above												
240	245	-	-	-	1	-	As above											10	
245	250	-	tr	-	2	-	As above												
250	255	-	tr	-	1	-	As above												
255	260	-	-	-	1	-	As above												
260	265	-	-	-	1	-	As above												
265	270	-	-	-	1	-	As above												
270	275	-	-	tr	1	-	As above												
275	280	-	-	-	1	-	As above												
280	285	-	-	-	1	-	As above												
285	290	-	-	-	1	-	As above												
290	295	-	-	tr	2	-	As above												
295	300	-	-	tr	2	-	As above												
							300ft., End of Hole.												

*R. W. Jones*



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-4

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 105' STARTED 8/10/81  
 LATITUDE 50350 N DATUM \_\_\_\_\_ COMPLETED 9/10/81  
 DEPARTURE 49950 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 300'  
 ELEVATION 635 m DIP -90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay								log	
										W	q	f	bt	me	ch	gr	others		
5	10	-	-	-	1	-	Broken quartz-biotite schist												
10	15	-	-	-	1	-	As above												
15	20	-	-	-	1	-	Quartz-biotite schist												
20	25	3	-	-	2	-	Quartz-biotite schist (calcareous)												
25	30	2	-	-	-	1	Quartz-biotite schist												
30	35	2	1	-	2	1	Quartz-biotite schist (calcareous) (fine pin heads scheelite)												
35	40	-	tr	-	2	1	Calcareous quartz-biotite schist												
40	45	-	tr	-	2	1	As above												
45	50	-	-	-	2	1	As above, some oil stains												
50	55	2	-	-	2	3	Grease specs												
55	60	3	-	-	3	1	As above												
60	65	3	-	-	3	1	As above												
65	70	-	-	-	3	-	As above												
70	75	-	-	-	4	-	As above												
75	80	-	-	-	4	-	As above												
80	85	-	-	-	2	-	Oil specs												
85	90	-	-	-	3	-	As above												
90	95	-	-	-	3	-	As above												
95	100	3	-	-	1	-	As above												
100	105	3	-	-	-	tr	As above												

DRILLED BY Tonto Drilling

SIGNED *[Signature]*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-4

SHEET NUMBER 2 of 2 SECTION FROM 105' TO 210' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay							log	
										W	q	f	bt	mech	gr	others		
105	110	-	-	-	4	tr	As above											
110	115	-	-	-	-	-	As above											
115	120	-	-	-	4	1	As above											
120	125	-	-	-	4	-	As above											
125	130	-	-	-	4	-	As above											
130	135	-	-	-	4	-	Calcareous quartz-muscovite schist				35			30				
135	140	-	-	-	4	-	As above											
140	145	2	-	-	3	-	As above											
145	150	-	-	-	3	-	As above											
150	155	-	-	-	3	-	As above											
155	160	-	-	-	3	-	Biotite-muscovite-quartz schist, calcareous				25			25	20			
160	165	-	-	-	3	-	As above											
165	170	-	-	-	3	-	As above											
170	175	-	-	-	2	-	As above											
175	180	-	-	-	2	-	As above											
180	185	10	-	-	2	-	As above											
185	190	-	-	-	2	-	As above											
190	195	-	-	-	2	-	As above											
195	200	10	-	-	3	-	As above											
200	205	-	-	-	3	-	As above											
205	210	-	-	-	3	-	Quartz-biotite-muscovite schist				35			25	20			

DRILLED BY Tonto Drilling

SIGNED

*G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-4

SHEET NUMBER 3 of 3 SECTION FROM 210' TO 300' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							Total	
										W	q	f	bt	mch	gr	others		
210	215	5	-	-	2	-	As above											
215	220	-	-	-	2	-	As above, increase in musc.											
220	225	-	-	-	2	-	As above											
225	230	-	-	-	2	-	Quartz-biotite-muscovite schist											
230	235	-	-	-	2	-	As above											
235	240	-	-	-	2	-	As above											
240	245	-	-	-	2	-	As above											
245	250	-	-	-	2	-	As above											
250	255	-	-	-	2	-	As above											
255	260	-	-	-	2	-	As above											
260	265	-	-	-	2	-	As above											
265	270	-	-	-	2	-	As above											
270	275	-	-	-	2	-	As above											
275	280	-	-	-	2	-	As above											
280	285	-	-	-	2	-	Muscovite-quartz schist, minor											
285	290	-	-	-	2	-	Calcareous muscovite-quartz schist											
290	295	-	-	-	2	-	As above											
295	300	-	-	-	2	-	As above											
							300ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-5

SHEET NUMBER 1 of 3 SECTION FROM 15' TO 120' STARTED 9/10/81  
 LATITUDE 50320 N DATUM \_\_\_\_\_ COMPLETED 10/10/81  
 DEPARTURE 49930 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 300'  
 ELEVATION 630 m DIP - 90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assey Mineral Percentages								LOG	
										W	q	f	bt	mch	gr	others			
15	20	-	-	-	1	-	Quartz-biotite schist												
20	25	-	-	-	2	-	As above												
25	30	-	-	-	2	-	As above												
30	35	-	-	-	2	-	As above												
35	40	-	-	-	2	-	As above												
40	45	-	-	-	2	-	As above												
45	50	-	-	-	2	-	As above												
50	55	-	-	-	3	-	As above												
55	60	-	-	-	3	-	As above												
60	65	-	-	-	3	-	Quartz-biotite schist												
65	70	-	-	-	3	-	As above												
70	75	-	-	-	3	1(?)	As above												
75	80	-	-	-	3	1(?)	As above												
80	85	-	-	-	2	-	As above												
85	90	-	-	-	2	-	As above												
90	95	-	-	-	3	1	Quartz-biotite schist												
95	100	-	-	-	2	-	Quartz-biotite-muscovite schist						35	25	20				
100	105	-	-	-	2	-	As above												
105	110	-	-	-	2	-	As above												
110	115	-	-	-	2	-	As above												
115	120	-	-	-	2	-	As above												

DRILLED BY Tonto Drilling

SIGNED *L. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-5

SHEET NUMBER 2 of 3 SECTION FROM 120' TO 225' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							Log	
										w	g	f	bt	mach	gr	others		
120	125	-	-	-	2	-	As above											
125	130	-	-	-	2	-	As above											
130	135	-	-	-	2	-	As above											
135	140	-	-	-	2	-	As above											
140	145	-	-	-	2	-	As above											
145	150	-	-	-	2	-	As above											
150	155	-	-	-	2	-	As above											
155	160	-	1	1	2	-	As above											
160	165	-	1	1	2	-	As above											
165	170	-	1	1	2	-	As above											
170	175	-	1	1	2	-	As above											
175	180	-	1	1	2	-	As above											
180	185	-	1	1	2	-	As above											
185	190	-	1	1	2	-	As above											
190	195	-	1	1	2	-	As above											
195	200	-	-	-	2	-	As above											
200	205	-	-	-	2	-	As above											
205	210	-	-	-	2	-	As above											
210	215	-	-	-	2	-	As above											
215	220	-	-	-	3	-	As above											
220	225	-	-	1	3	-	As above											

DRILLED BY Tonto Drilling

SIGNED J. Thomas

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-5

SHEET NUMBER 3 of 3 SECTION FROM 225' TO 300' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay w	Mineral Percentages						g	
											g	l	bl	mach	gr	others		
225	230	-	-	-	2	-	Quartz-biotite-muscovite schist											
230	235	-	-	-	3	-	As above											
235	240	-	-	-	2	-	As above											
240	245	-	-	-	2	-	As above											
245	250	-	-	-	2	-	As above											
250	255	-	-	-	2	-	As above											
255	260	-	-	-	3	-	As above											
260	265	-	-	-	4	-	As above											
265	270	-	1	-	4	-	As above											
270	275	-	-	-	4	-	As above											
275	280	-	-	-	5	-	As above											
280	285	-	-	-	5	-	As above											
285	290	-	-	-	5	-	As above											
290	295	-	-	-	4	-	As above											
295	300	-	-	-	3	-	As above											
							300ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED D. Thomas

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-6

SHEET NUMBER 1 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 10/10/81  
 LATITUDE 50217.29N DATUM \_\_\_\_\_ COMPLETED 11/10/81  
 DEPARTURE 49979.27E BEARING \_\_\_\_\_ ULTIMATE DEPTH 300'  
 ELEVATION 645.21 m DIP - 90" PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay	Mineral Percentages							Tot	
										W	q	f	bt	ms	sch	gr	others		
15	20	-	-	-	-	-	Silicified zone												
20	25	-	-	-	-	-	Extensively silicified zone												
25	30	-	-	-	-	-	Silicified zone			(ppm)									
30	35	-	-	-	4	-	Silicified limestone, traces po.	39543	5'	2									
35	40	-	-	-	4	-	Silicified limestone, traces po.	39544	5'	2									
40	45	-	-	1	4	-	Weak skarn, potash feldspar, tremolite	39545	5'	1									
45	50	-	tr	1	4	-	Weak skarn, potash feldspar, tremolite	39546	5'	5									
50	55	-	-	tr	2	-	Quartz-muscovite schist												
55	60	-	-	-	2	-	Quartz-muscovite-biotite schist												
60	65	-	-	-	2	-	As above												
65	70	-	-	-	2	-	As above												
70	75	-	-	-	1	-	As above												
75	80	-	-	-	1	-	As above												
80	85	-	-	-	2	-	As above												
85	90	-	-	-	1	-	As above												
90	95	-	-	-	1	-	As above												
95	100	-	-	-	1	-	As above												
100	105	-	-	-	1	-	As above												
105	110	-	-	-	1	-	As above												
110	115	-	-	-	1	-	As above												
115	120	-	-	-	1	-	As above												

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-6

SHEET NUMBER 2 of 3 SECTION FROM 120' TO 225' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE No	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG	
										W	q	f	bt	ms	sch	gr	others		
120	125	-	-	-	-	-	As above												
125	130	-	-	-	1	2	As above												
130	135	-	-	-	-	-	As above												
135	140	-	-	-	-	-	As above												
140	145	-	-	-	1	-	Quartz-biotite-muscovite schist				35		25	20					
145	150	-	-	-	1	-	As above												
150	155	-	-	-	2	-	As above												
155	160	-	2	1	1	-	As above, increased pyrite.												
160	165	-	2	-	1	-	As above, graphite present										15		
165	170	-	1	-	1	-	As above												
170	175	-	-	-	1	?	As above (grease spots)?												
175	180	-	-	-	1	-	As above												
180	185	-	-	-	-	-	As above												
185	190	-	-	-	1	-	Quartz-biotite-muscovite schist												
190	195	-	-	-	1	-	As above												
195	200	-	-	-	1	-	As above												
200	205	-	-	-	1	-	As above												
205	210	-	1	-	1	-	As above												
210	215	-	1	-	1	-	As bove												
215	220	-	-	-	-	-	As above												
220	225	-	-	-	1	-	As above												

*G. Thomas*



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-6

SHEET NUMBER 3 of 3 SECTION FROM 225' TO 300' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							Total	
										w	q	f	bt	ms	sch	gr		others
225	230	-	-	-	-	-	As above											
230	235	-	-	-	-	-	As above											
235	240	-	-	-	-	-	As above											
240	245	-	-	-	-	-	As above											
245	250	-	-	-	-	-	Quartz-biotite-muscovite schist											
250	255	-	-	-	-	-	As above											
255	260	-	-	-	1	-	As above											
260	265	-	-	-	1	-	As above											
265	270	-	-	-	-	-	As above											
270	275	-	-	-	-	-	As above											
275	280	-	-	-	-	-	Quartz-biotite-muscovite schist											
280	285	-	-	-	1	-	As above											
285	290	-	-	-	1	-	As above											
290	295	-	-	-	-	-	As above											
295	300	-	-	-	-	-	As above											
							300ft., End of Hole.											

*G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-7

SHEET NUMBER 1 of 3 SECTION FROM 5' TO 110' STARTED 11/10/81  
 LATITUDE 50248.12N DATUM \_\_\_\_\_ COMPLETED 12/10/81  
 DEPARTURE 49917.86E BEARING \_\_\_\_\_ ULTIMATE DEPTH 300'  
 ELEVATION 645.39 m DIP - 90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	Assay		Mineral Percentages							Log
										w	q	f	bt	ms	sch	gr	others		
5	10	-	-	-	-	-	Quartz-biotite schist	-	5'	2									
10	15	-	-	-	-	-	Quartz-biotite-muscovite schist												
15	20	-	-	-	-	-	As above												
20	25	-	-	-	1	-	As above												
25	30	-	-	-	1	-	As above, somewhat oxidised												
30	35	-	1	-	2	-	As above, minor graphite												5
35	40	-	1	-	2	-	As above			(ppm)									
40	45	2	-	-	2	-	Silicified limestone ?	39547	5'	25									
45	50	-	-	1	3	-	Silicified limestone ?, somewhat oxidised	39548	5'	1									
50	55	-	-	1	3	-	Silicified limestone/quartz-biotite schist	39549	5'	5									
55	60	-	-	1	3	-	Quartz-biotite schist, some po.	39550	5'	5									
60	65	-	-	-	4	-	Quartz-biotite schist	39401	5'	35	35		30						
65	70	-	1	-	4	-	As above, limonite coatings	39402	5'	5									
70	75	-	-	-	4	?	As above												
75	80	-	-	-	4	-	Quartz-muscovite-biotite schist						15	25					
80	85	-	-	-	3	-	As above												10
85	90	-	-	-	3	-	As above												
90	95	-	-	-	2	-	As above												
95	100	-	-	-	2	-	As above												
100	105	-	-	-	2	-	As above												
105	110	-	-	-	1	-	As above												

Drilled by: Tonto Drilling

*R. Ware*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-7

SHEET NUMBER 2 of 2 SECTION FROM 110' TO 215' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						Total	
										w	q	f	bt	msch	gr	others			
110	115	-	-	-	1	?	As above												
115	120	-	-	-	1	-	As above												
120	125	-	1	-	1	-	As above												
125	130	-	-	-	2	-	As above												
130	135	-	-	-	2	-	As above												
135	140	-	-	-	2	-	As above												
140	145	-	-	-	2	-	As above												
145	150	-	-	-	2	-	As above												
150	155	-	2	-	2	-	As above											5	
155	160	-	2	-	2	-	As above												
160	165	-	-	-	2	-	As above												
165	170	-	2	-	2	-	As above												
170	175	-	1	-	2	-	As above												
175	180	-	-	-	3	-	As above												
180	185	-	-	-	3	-	As above												
185	190	-	3	-	3	-	As above, increasingly graphitic											10	
190	195	-	3	-	3	-	As above												
195	200	-	3	-	3	-	As above												
200	205	-	-	3	3	-	As above											10	
205	210	-	3	3	3	-	As above												
210	215	-	3	3	3	-	As above												

*R. Ware*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-7

SHEET NUMBER 3 of 3 SECTION FROM 215' TO 300' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						TOT	
										w	q	f	bt	msch	gr	others			
215	220	-	3	-	3	-	As above												
220	225	-	3	-	3	-	As above												
225	230	-	-	-	4	-	As above												
230	235	-	3	3	3	-	As above, graphitic material appearing												
235	240	-	3	3	3	-	As above												
240	245	-	3	3	3	-	As above												
245	250	-	3	3	3	-	As above												
250	255	-	3	3	3	-	As above												
255	260	-	3	3	2	-	As above												
260	265	-	2	3	2	-	As above												
265	270	-	2	3	2	-	Quartz-muscovite schist							5	25	20			
270	275	-	2	-	2	-	As above												
275	280	-	2	-	2	-	As above												
285	290	-	2	-	2	-	As above												
290	295	-	2	-	2	-	As above												
295	300	-	2	-	2	-	As above												
							300ft., End of Hole												

*R. Ware*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-8

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 115' STARTED 12/10/81  
 LATITUDE 50239.49 N DATUM \_\_\_\_\_ COMPLETED 13/10/81  
 DEPARTURE 49913.57 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 643.54 m DIP - 90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay	Mineral Percentages							Log
										w	q	f	bt	ms	sch	gr	others	
10	15	-	-	-	-	-	Quartz-biotite-muscovite-graphite schist				30		2520	15				
15	20	-	2	2	-	-	As above											
20	25	-	2	-	2	-	As above											
25	30	2	-	-	2	-	As above											
30	35	-	-	-	3	-	As above			(ppm)								
35	40	-	2	2	5	-	Weak skarn mineralisation	39403	5'	10								
40	45	-	2	2	5	-	Weak skarn mineralisation	39404	5'	5								
45	50	3	2	2	6	-	Weak skarn mineralisation	39405	5'	5								
50	55	3	-	1	5	-	Weak skarn, some po.	39406	5'	5								
55	60	2	2	2	5	-	Medium grained skarn, weak mineralisation	39407	5'	5								
60	65	-	2	2	5	-	As above											
65	70	-	2	2	4	-	As above											
70	75	-	2	2	3	-	Quartz-muscovite schist											
75	80	-	2	2	3	-	Quartz-muscovite schist											
80	85	-	1	1	2	-	Quartz-muscovite schist						530					
85	90	-	3	-	2	-	As above					1525						
90	95	-	2	-	3	-	As above											
95	100	-	2	-	2	-	As above											
100	105	-	2	-	3	-	Graphite-quartz-muscovite schist						20	30				
105	110	-	3	-	4	-	As above											
110	115	-	2	-	3	-	As above											

*R. Ware*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-8

SHEET NUMBER 2 of 2 SECTION FROM 115' TO 200' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay	Mineral Percentages						LOG	
										w	q	f	bt	msch	gr	others		
115	120	-	2	-	3	-	Quartz-muscovite-graphite schist						5	25	25			
120	125	-	2	-	3	-	As above											
125	130	-	2	-	3	-	As above								35			
130	135	-	2	-	3	-	Quartz-muscovite-graphite schist						5	25	20			
135	140	-	2	-	3	-	As above											
140	145	-	2	-	3	-	As above											
145	150	-	2	-	3	-	As above											
150	155	-	2	-	3	-	As above											
155	160	-	2	-	3	-	As above											
160	165	-	2	-	5	-	As above											
165	170	-	2	-	3	-	As above											
170	175	-	2	-	3	-	As above											
175	180	-	2	-	2	-	As above											
180	185	-	2	-	2	-	As above											
185	190	-	2	-	2	-	As above											
190	195	-	2	-	2	-	As above											
195	200	-	2	-	2	-	As above											
							200ft., End of Hole											

*P. Ware*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-9

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 105' STARTED 13/10/81  
 LATITUDE 50234.54 N DATUM MSL COMPLETED 13/10/81  
 DEPARTURE 49910.83 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 642.01 m DIP - 90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								DOJ
										W	q	f	bt	mc	ch	gr	others	
10	15	2	tr	-	-	-	Oxidised quartz-biotite schist											
15	20	-	-	-	-	-	Quartz-chlorite schist											
20	25						Oxidised quartz-biotite-chlorite schist											
25	30	-	-	-	1	tr	Oxidised, quartz-biotite-chlorite schist, plus tremolite											
30	35	1	-	-	1	-	Quartz-biotite-muscovite schist											
35	40	1	-	-	3	tr	Quartz-biotite schist, plus chlorite, plus tremolite			(ppm)								
40	45	2	1	tr	3	tr	Calc-silicate unit	-	5'	10								
45	50	1	-	tr	5	tr	Strong limestone/calc-silicate unit	-	5'	2								
50	55	2	tr	1	5	tr	Limestone/calc-silicate	-	5'	15								
55	60	1	-	tr	5	-	Limestone/calc-silicate, some biotite	-	5'	1								
60	65	1	tr	tr	2	-	Quartz-biotite-chlorite schist	-	5'	2								
65	70	-	1	-	2	-	Quartz-biotite-chlorite schist				25	10	15	-	20			
70	75	1	1	-	1	-	Quartz-biotite-chlorite schist											
75	80	-	tr	tr	1	-	Quartz-biotite-muscovite schist											
80	85	-	tr	-	1	-	Quartz-biotite-muscovite schist											
85	90	-	1	-	1	-	Quartz-chlorite schist											
90	95	-	1	-	1	-	As above											
95	100	2	tr	-	1	-	As above											
100	105	1	tr	-	1	-	As above											

DRILLED BY Tonto Drilling

SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-9

SHEET NUMBER 2 of 2 SECTION FROM 105' TO 200' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										W	g	f	bt	mach	gr	others		
105	110	-	tr	-	1	-	As above											
110	115	-	-	-	1	-	As above											
115	120	-	-	-	-	-	As above, plus muscovite											
120	125	-	-	tr	2	-	As above, some talc/tremolite appearing											
125	130	-	tr	-	1	-	Quartz-muscovite schist											
130	135	-	1	-	1	-	As above											
135	140	-	tr	-	1	-	As above											
140	145	-	tr	-	1	-	As above, biotite content increasing											
145	150	-	tr	-	tr	-	As above											
150	155	-	tr	-	1	-	As above, some graphite											
155	160	-	tr	-	1	-	Quartz-muscovite schist, plus chlorite											
160	165	-	tr	-	1	-	As above											
165	170	-	tr	-	1	-	As above, becoming graphitic										15	
170	175	-	1	-	1	-	Quartz-chlorite-graphite schist											
175	180	-	2	-	1	-	Quartz-chlorite-graphite schist										20	
180	185	-	tr	-	2	-	As above											
185	190	-	tr	-	2	-	As above											
190	195	-	tr	-	2	-	As above											
195	200	-	tr	-	2	-	As above											
							200ft., End of Hole											

DRILLED BY \_\_\_\_\_

SIGNED R. Ware



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-10

SHEET NUMBER 1 of 3 SECTION FROM 5' TO 80' STARTED 13/10/81  
 LATITUDE 50225.56 N DATUM \_\_\_\_\_ COMPLETED 14/10/81  
 DEPARTURE 49906.67 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 640.39 m DIP - 90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						LOG
										W	g	f	bt	ma	ch	gr	others	
5	10	2	tr	-	1	-	Quartz-biotite schist, somewhat oxidised											
10	15	2	tr	-	1	-	Quartz-biotite schist											
15	20	1	tr	-	1	-	As above.				30	20	20	10	tr			
20	25	2	tr	-	2	-	Silicified limestone, quartz-biotite schist											
25	30	2	-	-	2	-	Oxidised quartz-biotite schist											
30	35	2	-	-	2	-	Partly oxidised, silicified limestone/ quartz-biotite schist											
35	40	2	-	-	4	-	Skarn and quartz biotite schist fragments			(ppm)								
40	45	3	-	-	5	-	Silicified limestone	-	5'	1								
45	50	2	-	2	5	-	Silicified limestone, with K-spar, tremo- lite, fine grained po.	-	5'	5								
50	55	2	-	1	5	-	Silicified limestone, no garnet, somewhat oxidised	-	5'	10								
55	60	1	-	1	4	tr	Silicified limestone, quartz-muscovite schist	-	5'	10								
60	65	-	tr	-	4	tr	Quartz-muscovite schist, traces graphite, trace tremolite	-	5'	2								
65	70	-	1	-	3	-	Quartz-muscovite schist, minor trem/act.											
70	75	1	1	tr	3	-	Quartz-muscovite-biotite schist, minor graphite				30	10	20	20	5			
75	80	1	-	tr	3	-	As above.											

DRILLED BY Tonto Drilling

SIGNED R. Wans

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-10

SHEET NUMBER 2 of 3 SECTION FROM 80' TO 180' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG		
										W	q	f	bt	ma	ch	gr		others	
80	85	-	tr	-	3	-	Quartz-muscovite schist												
85	90	-	-	tr	3	-	Quartz-muscovite schist												
90	95	1	-	tr	2	-	Quartz-muscovite schist												
95	100						Quartz-muscovite schist plus biotite								10				
100	105	-	tr	-	2	-	Quartz-muscovite schist, some tremolite												
105	110	-	-	-	2	-	Quartz-muscovite schist, as above												
110	115	-	-	-	2	-	As above												
115	120	-	-	-	2	-	As above												
120	125	-	-	tr	2	-	As above												
125	130	-	-	-	2	-	Quartz-muscovite schist, chlorite present								15				
130	135	-	tr	-	1	-	Quartz-muscovite schist												
135	140	-	-	-	1	-	Minor graphite appearing, as above												
140	145	-	-	-	1	-	Quartz-muscovite schist, cuttings becoming darker												
145	150	-	-	-	1	-	Quartz-muscovite-chlorite schist										15		
150	155	-	-	-	1	-	Quartz-muscovite-chlorite schist												
155	160	1	tr	-	2	-	Quartz-muscovite-chlorite schist										10		
160	165	-	tr	-	2	-	Quartz-muscovite-chlorite schist												
165	170	-	tr	-	1	-	As above												
170	175	-	tr	-	1	-	As above												
175	180	-	tr	-	1	-	As above												

DRILLED BY .....

SIGNED R. Ware



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-11

SHEET NUMBER 1 of 3 SECTION FROM 5' TO 95' STARTED 14/10/81  
 LATITUDE 50255.78 N DATUM MSL COMPLETED 14/10/81  
 DEPARTURE 49921.13 E BEARING - ULTIMATE DEPTH 200'  
 ELEVATION 645.12 m DIP - 90° PROPOSED DEPTH 200'

from	to	QV	py	pd	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										W	q	f	bt	mach	gr	others		
5	10	2	-	-	1	-	Quartz-biotite schist											
10	15	2	-	-	1	-	Quartz-biotite schist											
15	20	3	-	-	1	-	Quartz-biotite schist											
20	25	3	-	-	1	-	Quartz-biotite schist			(ppm)								
25	30	1	tr	-	4	tr	Silicified limestone/quartz-biotite schist	-	5'	1								
30	35	1	1	-	4	-	Silicified limestone, some tremolite pre- sent	-	5'	1								
35	40	-	-	tr	3	-	Quartz-chlorite-graphite schist, cuttings darker											
40	45	-	-	tr	3	-	Quartz-muscovite-graphite schist											
45	50	-	tr	tr	3	-	Quartz-muscovite-biotite schist											5
50	55	-	-	tr	3	-	Quartz-muscovite-tremolite schist											5
55	60	-	tr	1	4	-	Silicified limestone, some diopside present	-	5'	1								
60	65	1	2	-	3	-	Quartz-biotite-muscovite schist	-	5'	1								
65	70	2	2	-	4	-	Quartz-chlorite schist	-	5'	1								5
70	75	2	1	-	4	-	Calcareous quartz-chlorite-muscovite schist	-	5'	1								
75	80	2	-	2	4	-	Silicified limestone, minor graphite	-	5'	2								5
80	85	2	-	2	4	-	Silicified limestone	-	5'	1								
85	90	-	-	-	4	-	Intermixed silicified limestone, quartz- muscovite schist, minor diopside											5
90	95	-	-	-	2	-	Quartz-graphite-muscovite schist, cuttings	dark										

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-11

SHEET NUMBER 2 of 3 SECTION FROM 95' TO 195' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG					
										W	g	f	bt	ms	ch	gr		others				
95	100	-	-	-	2	-	Quartz-graphite schist															
100	105	-	-	-	2	-	Quartz-graphite-muscovite schist															
105	110	-	-	-	2	-	Quartz-graphite-muscovite schist															
110	115	-	1	-	1	-	As above															
115	120	-	1	-	1	-	As above															
120	125	-	1	-	1	-	As above															
125	130	-	1	-	1	-	As above															
130	135	-	1	-	1	-	As above															
135	140	-	1	-	1	-	As above															
140	145	-	1	-	1	-	Quartz-biotite-muscovite schist															
145	150	-	1	-	1	-	Quartz-muscovite-biotite schist															
150	155	-	1	-	1	-	As above															
155	160	-	1	-	1	-	As above															
160	165	-	-	-	1	-	Quartz-muscovite-biotite schist															
165	170	-	-	-	1	-	Quartz-muscovite-biotite schist, graphite															
							disappearing															
170	175	-	-	-	1	-	As above															
175	180	-	-	-	1	-	As above															
180	185	-	-	-	1	-	As above															
185	190	-	-	-	1	-	As above															
190	195	-	-	-	1	-	As above															

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-12

SHEET NUMBER 1 of 3 SECTION FROM 10' TO 100' STARTED 10/10/81  
 LATITUDE 50263.77 N DATUM \_\_\_\_\_ COMPLETED 15/10/81  
 DEPARTURE 49926.65 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 644.24 m DIP - 90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							S
										W	q	f	bt	mch	gr	others	
10	15	2	-	-	-	-	Quartz-biotite schist										
15	20	1	-	-	-	-	Quartz-biotite schist, somewhat oxidised										
20	25	1	-	-	-	-	Quartz-biotite schist										
25	30	2	-	-	1	-	Quartz-biotite schist, minor tremolite										
30	35	2	-	-	1	-	Quartz-biotite schist										
35	40	2	-	-	3	-	Quartz-biotite schist, minor tremolite										
40	45	1	-	-	2	-	Calcareous, quartz-biotite schist										
45	50	1	-	-	2	-	As above										
50	55	1	-	-	1	-	Calcareous, quartz-biotite schist			(ppm)							
55	60	1	-	-	1	-	As above	-	5'	2							
60	65	1	tr	-	2	-	Calcareous, quartz-biotite schist	-	5'	2							
65	70	-	-	tr	3	-	Silicified limestone/quartz-biotite schist										AP5TR5
70	75	-	-	-	3	-	Silicified limestone, tremolite, epidote present	-	5'	1							
75	80	2	-	tr	4	-	Silicified limestone, quartz-biotite schist, some tremolite										
80	85	2	tr	tr	4	-	Silicified limestone, quartz-biotite schist										TR4AP5
85	90	2	tr	-	4	-	Calc-silicate/silicified limestone, minor graphite										2
90	95	2	tr	-	4	-	Calc-silicate/quartz schist	-	5'	1							
95	100	2	tr	-	3	-	As above, some epidote, tremolite present	-	5'	2							

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-12

SHEET NUMBER 2 of 3 SECTION FROM 100' TO 185' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						500	
										w	g	f	bt	mach	gr	others			
100	105	2	tr	-	4	-	Calc-silicate/quartz-biotite schist, cuttings fine grained												
105	110	3	tr	-	3	-	Calc-silicate/quartz-biotite schist												
110	115	2	-	-	3	-	Calc-silicate												
115	120	1	tr	tr	3	-	Calc-silicate/quartz-biotite schist, mixed unit												
120	125	1	1	tr	3	-	Calcareous quartz schist/calc-silicate												
125	130	1	-	tr	3	-	Calcareous quartz schist/calc-silicate												
130	135	-	tr	-	3	-	Quartz-muscovite schist (calcareous)												tr
135	140	-	tr	-	2	-	Quartz-muscovite schist (graphitic)												5
140	145	-	tr	-	2	-	Quartz-muscovite schist, some trem. present												10
145	150	-	tr	-	2	-	As above, some calc-silicate present												
150	155	-	tr	-	2	-	Quartz-muscovite-biotite schist, some calc-silicate												
155	160	-	-	-	2	-	Quartz-muscovite-biotite schist												5
160	165	-	-	-	3	-	Quartz-muscovite-biotite schist												10
165	170	-	-	-	2	-	Quartz-muscovite-biotite schist, biotite content inc.												
170	175	-	-	-	2	-	As above												
175	180	-	-	-	2	-	As above												
180	185	-	4	-	2	-	As above												

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-13

SHEET NUMBER 1 of 3 SECTION FROM 10' TO 105' STARTED 15/10/81  
 LATITUDE 50425 N DATUM \_\_\_\_\_ COMPLETED 15/10/81  
 DEPARTURE 49900 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 275'  
 ELEVATION 615 m DIP - 90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							g	
										W	q	f	bt	mech	gr	others		
10	15	-	-	-	-	-	Quartz-biotite schist, somewhat oxidised											
15	20	-	-	-	-	-	Quartz-biotite schist											
20	25	-	-	-	tr	-	Quartz-biotite schist											
25	30	1	-	-	tr	-	Quartz-biotite schist											
30	35	1	-	-	2	-	Quartz-biotite schist, somewhat oxidised				40	5	20	20				
35	40	-	-	-	1	-	Quartz schist, minor biotite epidote											
40	45	10	-	-	2	-	Sheared quartz-biotite schist											
45	50	5	-	-	3	-	Sheared quartz-biotite schist											
50	55	4	-	-	3	-	Sheared quartz-biotite schist				(ppm)							
55	60	3	1	-	3	-	Sheared, occ. epidotised quartz schist	39408	5'		1	35	25	20				
60	65	2	1	-	3	-	Calcareous quartz schist	39409	5'		1							
65	70	5	-	-	3	-	Strongly oxidised quartz schist, fine grained cuttings											
70	75	5	-	-	3	-	Calcareous shear zone											
75	80	2	-	-	2	-	Oxidised quartz-biotite schist											
80	85	1	-	-	3	-	Calcareous quartz schist, some tremolite, epidote present											
85	90	1	-	-	3	-	As above											
90	95	2	-	-	3	-	As above											
95	100	1	-	-	3	-	As above											
100	105	1	-	-	3	-	As above											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-13

SHEET NUMBER 3 of 3 SECTION FROM 205' TO 260' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG	
										W	q	f	bt	ms	ch	gr	others		
205	210	-	-	-	3	-	Calcareous quartz-biotite-muscovite schist												
210	215	-	-	-	3	-	As above												
215	220	-	-	-	3	-	As above												
220	225	-	-	-	3	-	As above												
225	230	-	-	-	3	-	As above												
230	235	-	-	-	3	-	As above												
235	240	-	-	-	3	-	As above												
240	245	-	-	-	3	-	As above												
245	250	-	-	-	3	-	As above												
250	255	-	-	-	3	-	As above												
255	260	-	-	-	3	-	As above												
							260ft., End of Hole.												

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-14

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 100' STARTED 16/10/81  
 LATITUDE 50251.16 N DATUM MSL COMPLETED 16/10/81  
 DEPARTURE 49929.23 E BEARING - ULTIMATE DEPTH 120'  
 ELEVATION 645.23 M DIP - 90° PROPOSED DEPTH 120'

from	to	QV	py	po	Efl	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						DOJ	
										W	g	f	bt	ms	ch	gr	others		
5	10	2	1	-	-	-	Quartz-biotite schist												
10	15	1	tr	-	-	-	Quartz-biotite schist, minor chlorite												
15	20	2	tr	-	-	-	Quartz-biotite schist												
20	25	3	-	-	1	-	Quartz-biotite schist												
25	30	5	-	-	1	-	Silicified zone (?), somewhat oxidised												
30	35	5	-	-	2	-	Silicified zone, minor chlorite present												
35	40	4	tr	-	2	-	Silicified zone, biotite, minor chlorite/ tremolite												
40	45	5	1	-	2	-	Silicified zone, graphite appearing			(ppm)									
45	50	4	-	-	4	-	Diopside bearing zone, some silicification	39410	5'	1	30	10				10			
50	55	2	tr	-	4	tr	Silicified carbonate, diopside, f. gr. po.	39411	5'	2							5		
55	60	-	-	1	4	tr	F. gr. po. in silicified carbonate	39412	5'	1									
60	65	-	-	1	4	tr	Silicified carbonate, f. gr. po., diopside reduced	39413	5'	1									
65	70	-	tr	1	5	tr	Silicified limestone, diopside reduced	39414	5'	1									
70	75	-	tr	1	4	-	Silicified limestone	39415	5'	1									
75	80	-	-	1	4	-	Silicified limestone												
80	85	-	-	tr	4	-	Limestone, partly silicified												
85	90	-	tr	-	4	-	As above												
90	95	-	tr	-	4	-	As above												
95	100	-	-	-	4	-	Calc-silicate, biotite-muscovite, graphite reappears.												

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-15

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 70' STARTED 16/10/81  
 LATITUDE 50243.47 N DATUM MSL COMPLETED 18/10/81  
 DEPARTURE 49932.61 E BEARING - ULTIMATE DEPTH 110'  
 ELEVATION 645.27 m DIP -90° PROPOSED DEPTH 140'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						CO
										W	g	f	bl	mach	gr	others		
5	10	-	-	-	-	-	Quartz-biotite schist											
10	15	-	-	-	tr	-	Quartz-biotite schist, minor amph. present											
15	20	-	-	-	-	-	Quartz-biotite schist, somewhat oxidised											
20	25	4	-	-	-	-	Quartz-biotite schist											
25	30	3	tr	-	-	-	Quartz-biotite schist, minor graphite present											
30	35	4	tr	-	-	-	Quartz-biotite schist, some graphite, sericite present											
35	40	4	tr	-	tr	-	Quartz-biotite schist, some graphite/chlorite/sericite schist											
40	45	-	-	1	4	-	Silicified limestone, some tremolite, some quartz-biotite schist			(ppm)								
45	50	-	-	1	4	-	Silicified limestone, some diopside, garnet, CI. 15	39416	5'	1								
50	55	-	tr	1	4	tr	Silicified limestone, some diopside, some tremolite, CI. 15 20	39417	5'	1								
55	60	-	-	1	4	1	Silicified limestone and silicified lens, with po., diopside	39418	5'	1								
60	65	-	-	2	5	1	Silicified limestone, diopside, potash feldspar, 3% garnet, skarn unit	39419	5'	1								
65	70	-	-	1	5	tr	Limestone, potash feldspar, diopside, minor garnet, skarn unit	39420	5'	20								

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-15

SHEET NUMBER 2 of 2 SECTION FROM 70' TO 110' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							Total	
										W	q	f	bt	mach	gr	others		
65	70	-	-	tr	3	-	Mixed skarn and quartz-biotite-muscovite schist											
75	80	-	-	-	1	-	Quartz-muscovite-biotite schist, minor tremolite										5	
80	85	-	-	-	1	-	As above											
85	90	-	-	-	1	-	As above											
90	95	-	-	-	2	-	As above											
95	100	-	-	-	1	-	As above											
100	105	-	-	-	1	-	As above											
105	110	-	-	-	1	-	As above											
							110ft., End of Hole.											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-16

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 75' STARTED 18/10/81  
 LATITUDE 50228.94 N DATUM MSL COMPLETED 18/10/81  
 DEPARTURE 49922.09 E BEARING - ULTIMATE DEPTH 75'  
 ELEVATION 643.09 m DIP -90° PROPOSED DEPTH 75'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay W	Mineral Percentages						g
											q	f	bt	mach	gr	others	
5	10	3	tr	-	tr	-	Quartz-biotite schist, some trem. present										
10	15	3	tr	1	3	-	Calcareous quartz-biotite schist, some amph. present			(ppm)							
15	20	3	-	2	4	tr	Silicified limestone	39421	5'	1							
20	25	-	-	1	1	-	Quartz-biotite schist, some po., some graphite									5	
25	30	-	-	tr	2	-	Calcareous quartz-biotite schist, some trem										
30	35	2	-	3	4	2	Skarn unit, potash feldspar,	39422	5'	2	15						
35	40	2	-	3	3	1	Skarn unit, potash feldspar	39423	5'	2	15						
40	45	1	-	4	5	3	Skarn, 15% garnet, 20% diopside	39424*	5'	1200	10						
45	50	1	1	3	4	1	Mixed skarn (70%, quartz-muscovite schist)	39425*	5'	>2000					5		
50	55	1	tr	1	3	tr	Minor skarn, 90% quartz-muscovite schist	-	5'	500					10		
55	60	-	-	tr	3	-	Quartz-muscovite-biotite schist	Assay*		%Wo <sub>3</sub>					10		
60	65	-	-	-	1	-	As above	39424	5'	0.21							
65	70	-	-	-	1	-	As above	39425	5'	0.20							
70	75	-	-	-	1	-	As above										
							75ft., End of Hole.										

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-17

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 60' STARTED 18/10/8  
 LATITUDE \_\_\_\_\_ DATUM MSL COMPLETED 18/10/81  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 60'  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH 60'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assy W	Mineral Percentages						DOL	
											q	f	bl	mech	gr	others		
5	10	3	tr	tr	-	-	Quartz-biotite schist, some oxidation											
10	15	2	-	-	-	-	Quartz-biotite-chlorite schist											
15	20	2	tr	-	-	-	Strongly oxidised quartz-biotite-chlorite schist											
20	25	1	tr	1	-	-	Oxidised quartz-biotite schist											
25	30	1	-	1	1	-	Quartz-biotite schist, some calc-silicate present			(ppm)								
30	35	1	-	1	4	-	Silicified limestone, fine disseminated po. present	-	5'	1								
35	40	-	-	-	4	-	Silicified limestone, fine po., no skarn mineral	-	5'	1								
40	45	-	-	tr	1	-	Silicified limestone (70%, quartz-muscovite schist)											
45	50	-	tr	-	-	-	Quartz-muscovite-chlorite schist						10		10			
50	55	-	1	-	-	-	As above											
55	60	-	1	-	-	-	As above											
							60ft., End of Hole											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-18

SHEET NUMBER 1 of 3 SECTION FROM 5' TO 100' STARTED 18/10/81  
 LATITUDE 50208.48 N DATUM \_\_\_\_\_ COMPLETED 19/10/81  
 DEPARTURE 50015.08 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 275'  
 ELEVATION 659.52 m DIP -90" PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							
										W	q	f	bt	mc	ch	gr	others
5	10	3	-	-	-	-	Quartz-biotite schist					35	10				
10	15	3	-	-	tr	-	Quartz-biotite-chlorite schist					35	10				
15	20	-	tr	-	tr	-	Quartz-biotite-chlorite schist, chloriti- zation increasing					25	15				
20	25	-	tr	-	tr	-	Quartz-biotite-chlorite schist										
25	30	2	tr	-	tr	-	As above, some minor epidote										
30	35	2	tr	-	1	-	Altered quartz-monzonite (?)				20	40					
35	40	2	tr	-	2	-	As above, some hbl.										
40	45	-	-	-	3	-	Calcareous schist, CI-10.			(ppm)		5					
45	50	-	-	tr	3	-	Silicified limestone, tr. po., 15% epidote		5'	10							
50	55	-	-	-	3	-	As above		5'	15							
55	60	-	-	-	3	-	Argillaceous limestone				20		5	10			
60	65	-	-	-	3	-	Quartz-muscovite schist, calcareous							10			
65	70	-	-	-	3	-	As above										
70	75	-	-	-	3	-	Argillaceous limestone, quartz-muscovite schist				15		5	10	5		
75	80	-	-	tr	3	-	As above										
80	85	-	-	tr	3	-	As above										
85	90	-	-	3	3	-	As above										
90	95	3	-	tr	3	-	As above										
95	100	-	-	tr	3	-	Calc. quartz-muscovite-biotite schist				20		5	15	5		

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-18

SHEET NUMBER 2 of 3 SECTION FROM 100' TO 200' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG
										w	g	f	bt	mach	gr	others		
100	105	-	-	-	2	-	Calcareous quartz-muscovite schist, CI-5.											
105	110	-	-	-	2	-	Calcareous schist as above											
110	115	-	-	-	2	-	Calcareous quartz-muscovite, quartz-chlorite schist									5		
115	120	-	-	-	2	-	As above											
120	125	-	-	-	2	-	CI-5, calcareous quartz-muscovite schist									tr		
125	130	-	-	-	1	-	Quartz-muscovite schist, CI-10.									tr		
130	135	-	tr	-	1	-	As above											
135	140	-	-	-	tr	-	As above, CI-10.						tr	tr	3			
140	145	-	-	-	1	-	As above											
145	150	-	-	-	1	-	As above											
150	155	-	-	-	2	-	As above											
155	160	-	-	-	2	-	As above						10		10			
160	165	-	-	-	2	-	As above											
165	170	-	-	-	2	-	As above											
170	175	-	-	-	1	-	As above											
175	180	-	-	-	1	-	As above											
180	185	-	-	-	1	-	Graphite-quartz-muscovite schist									35		
185	190	-	-	-	1	-	As above									60		
190	195	-	-	-	tr	-	As above									50		
195	200	-	-	-	-	-	As above									40		

DRILLED BY \_\_\_\_\_

SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-18

SHEET NUMBER 3 of 3 SECTION FROM 200' TO 275' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							%			
										w	q	f	bt	mch	gr	others				
200	205	-	-	-	-	-	As above													
205	210	-	-	-	tr	-	Quartz-muscovite-biotite schist					10				30				
210	215	-	-	-	1	-	As above													
215	220	-	-	-	-	-	As above													
220	225	-	-	-	-	-	As above					20								
225	230	-	-	-	-	-	As above													
235	240	-	-	-	-	-	As above													
240	245	-	-	-	-	-	As above													
245	250	-	-	-	-	-	As above					20	20		25					
250	255	-	-	-	-	-	As above													
255	260	-	-	-	-	-	As above													
260	265	-	-	-	-	-	As above					30			10					
265	270	-	-	-	-	-	As above													
270	275	-	-	-	-	-	As above													
							275ft., End of Hole													

DRILLED BY .....

SIGNED R. waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-19

SHEET NUMBER 1 of 1 SECTION FROM 10' TO 105' STARTED 19/10/81  
 LATITUDE 50158.41 N DATUM MSL COMPLETED 19/10/81  
 DEPARTURE 50022.69 E BEARING - ULTIMATE DEPTH 105'  
 ELEVATION 659.77 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							G L	
										w	q	f	bt	mch	gr	others		
10	15	2	-	tr	-	-	Quartz-biotite schist, f. gr. po.											
15	20	3	-	-	-	-	As above											
20	25	2	-	1	-	-	Quartz-biotite schist (upper unit)											
25	30	2	-	-	-	-	As above, somewhat, oxidised											
30	35	2	tr	tr	-	-	Quartz-biotite schist				20	20						
35	40	-	-	-	-	-	As above										20	
40	45	-	-	-	-	-	Quartz-biotite schist										10	
45	50	-	-	tr	-	-	Quartz-biotite schist										tr	
50	55	-	-	-	-	-	Quartz-biotite schist										20	
55	60	-	-	-	-	-	Quartz-biotite schist				30	15	15	5				
60	65	-	-	-	-	-	Quartz-biotite-muscovite schist						10	10			30	
65	70	1	-	-	tr	-	Quartz-muscovite schist										25	
70	75	-	-	-	tr	-	As above											
75	80	-	-	-	tr	-	As above											
80	85	-	tr	-	tr	-	As above											
85	90	-	-	-	tr	-	As above											
90	95	-	tr	-	tr	-	As above											
95	100	-	-	-	tr	-	As above											
100	105	-	-	-	-	-	As above											
							105ft., End of Hole											

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SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-20

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 115' STARTED 20/10/81  
 LATITUDE 49884.18 N DATUM MSL COMPLETED 20/10/81  
 DEPARTURE 50251.98 E BEARING - ULTIMATE DEPTH 160'  
 ELEVATION 749.26 m DIP -90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assby		Mineral Percentages						S
										W	g	f	bl	mach	gr	others		
10	15	2	tr	-	-	-	Quartz-biotite schist (gneiss ?)											
15	20	2	tr	-	-	-	Quartz-biotite schist											
20	25	-	-	-	-	-	Quartz-biotite-muscovite schist											
25	30	-	-	-	-	-	As above											
30	35	-	-	-	-	-	As above											
35	40	-	-	-	-	-	As above											
40	45	-	-	-	-	-	As above											
45	50	-	-	-	-	-	As above											
50	55	-	-	-	-	-	As above											
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	Quartz-biotite schist											
65	70	-	-	-	-	-	Quartz-biotite schist											
70	75	-	-	-	-	-	Quartz-biotite schist							15	5			
75	80	-	-	-	-	-	Quartz-biotite schist											
80	85	-	-	-	-	-	Quartz-biotite schist, oxidised					30	20	30	5			
85	90	1	-	-	tr	-	Quartz-biotite schist, trace epidote									5		
90	95	-	-	-	-	-	Quartz-biotite schist											
95	100	-	-	-	-	-	Quartz-biotite schist, minor chlorite											
100	105	-	-	-	-	-	As above											
105	110	-	-	-	-	-	As above											
110	115	-	-	-	1	-	Quartz-biotite schist											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-21

SHEET NUMBER 1 of 1 SECTION FROM 10' TO 95' STARTED 20/10/81  
 LATITUDE 49872.94 N DATUM MSL COMPLETED 21/10/81  
 DEPARTURE 50197.14 E BEARING - ULTIMATE DEPTH 95'  
 ELEVATION 727.94 m DIP -90° PROPOSED DEPTH 300'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										w	q	f	bl	mach	gr	others		
10	15	-	-	-	-	-	Quartz-biotite schist											
15	20	-	-	-	-	-	Quartz-biotite schist											
20	25	15	-	-	-	-	Quartz-biotite schist											
25	30	-	-	-	-	-	As above							10				
30	35	-	-	-	-	-	As above											
35	40	-	-	-	-	-	Quartz-biotite schist, minor hbl.											
40	45	-	-	-	-	-	Quartz-biotite schist						20	25	5			
45	50	-	-	-	-	-	As above											
50	55	-	-	-	-	-	As above											
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	As above											
65	70	3	-	-	-	-	Quartz-biotite schist, hbl. content-5%.											
70	75	3	-	-	-	-	As above											
75	80	4	-	-	-	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	As above											
90	95	-	-	-	-	-	As above											
							95ft., circulation lost, hole abandoned											
							95ft., End of Hole.											

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SIGNED R. waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-22

SHEET NUMBER 1 of 1 SECTION FROM 10' TO 65' STARTED 21/10/81  
 LATITUDE 50012 N DATUM \_\_\_\_\_ COMPLETED 21/10/81  
 DEPARTURE 50074 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 65'  
 ELEVATION 675 m DIP -90° PROPOSED DEPTH 250'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										W	q	f	bt	mach	gr	others		
10	15	-	tr	1	-	1	Quartz-biotite schist, fine diss. po.											
15	20	-	tr	1	-	1	Quartz-biotite schist											
20	25	-	-	tr	-	-	Quartz-biotite schist					15	10		tr			
25	30	-	-	tr	-	-	As above											
30	35	-	-	-	-	-	Quartz-biotite-muscovite schist					15	5		10			
35	40	-	1	-	-	-	As above											
40	45	-	1	-	-	-	As above											
45	50	-	-	-	-	-	Quartz-biotite muscovite schist											10
50	55	-	-	-	-	-	As above											10
55	60	-	-	-	-	-	As above											5
60	65	-	2	-	-	-	Quartz-biotite-muscovite schist											5
							65ft., circulation lost, hole abandoned											
							65ft., End of Hole.											

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SIGNED R. waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-23

SHEET NUMBER 1 of 2 SECTION FROM 15' TO 115' STARTED 22/10/81  
 LATITUDE 50010 N DATUM - COMPLETED 22/10/81  
 DEPARTURE 50061 E BEARING - ULTIMATE DEPTH 205'  
 ELEVATION 670 m DIP -90° PROPOSED DEPTH 250'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						Job
										W	g	f	bt	mch	gr	others		
15	20	2	1	-	-	-	Quartz-chlorite schist, tr. graphite, minor oxidation											
20	25	1	1	-	-	-	As above											
25	30	1	1	-	-	-	As above											
30	35	1	1	-	-	-	As above											
35	40	2	2	-	-	-	Quartz-chlorite-biotite schist					10			15			
40	45	4	1	-	-	-	As above								30			
45	50	3	tr	-	-	-	Quartz-chlorite-graphite schist								20			
50	55	2	tr	-	-	-	Quartz-chlorite-graphite schist											
55	60	3	1	-	-	-	Quartz-graphite-chlorite schist								10	10		
60	65	2	1	-	-	-	As above											
65	70	1	tr	-	-	-	Quartz-muscovite-chlorite-graphite schist								25	10		
70	75	1	1	-	-	-	Quartz-chlorite-graphite schist											
75	80	1	1	-	-	-	As above								15	20		
80	85	1	1	-	-	-	Quartz-muscovite-biotite schist, minor talc								10	20	10	
85	90	1	1	-	-	-	As above											
90	95	1	1	-	-	-	As above											
95	100	1	-	-	-	-	Quartz-muscovite schist (CI-30), 10% talc								25	10		
100	105	1	-	-	-	-	As above											
105	110	1	-	-	tr	-	Quartz-muscovite-biotite schist								15	25	5	
110	115	1	-	-	tr	-	Quartz-muscovite-biotite schist											

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SIGNED R. waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-23

SHEET NUMBER 2 of 2 SECTION FROM 115' TO 205' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						LOG
										W	g	f	bt	mch	gr	others		
115	120	-	-	-	-	-	Quartz-muscovite-biotite schist						10		5			
120	125	-	-	-	-	-	Quartz-muscovite schist						10		5			
125	130	-	-	-	-	-	Quartz-muscovite-biotite schist						15					
130	135	-	-	-	1	-	Quartz-muscovite-biotite schist						15	20	5			
135	140	-	-	-	tr	-	Quartz-muscovite-biotite schist (minor trem - 5%)						30	25	20	5		
140	145	-	-	-	tr	-	As above											
145	150	-	-	-	tr	-	As above											
150	155	-	-	-	tr	-	As above											
155	160	-	-	-	tr	-	As above											
160	165	-	-	-	tr	-	As above											
165	170	-	-	-	tr	-	As above											
170	175	-	-	-	tr	-	As above											
175	180	-	-	-	-	-	Quartz-muscovite-biotite schist						20		5			
180	185	-	-	-	-	-	As above											
185	190	-	-	-	-	-	As above											
190	195	-	-	-	-	-	As above											
195	200	-	-	-	-	-	As above											
200	205	-	-	-	-	-	As above											
							205ft., circulation lost, hole abandoned											
							205ft., End of Hole.											

DRILLED BY .....

SIGNED R. Hayes

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-24

SHEET NUMBER 1 of 1 SECTION FROM 15' TO 110' STARTED 22/10/81  
 LATITUDE 50110 N DATUM \_\_\_\_\_ COMPLETED 22/10/81  
 DEPARTURE 50061 E BEARING - ULTIMATE DEPTH 110'  
 ELEVATION 650 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							Log
										w	q	f	bt	mch	gr	others	
15	20	1	1	-	-	-	Quartz-biotite schist					15	10	tr			
20	25	1	1	-	-	-	As above										
25	30	-	-	-	-	-	As above										
30	35	-	-	2	-	-	Quartz-chlorite-muscovite schist					10	25				
35	40	-	-	1	tr	-	Quartz-muscovite-chlorite schist, tr. trem.										
40	45	-	tr	tr	-	-	Quartz-muscovite-chlorite schist, tr. trem.										
45	50	-	-	tr	-	-	Quartz-muscovite-chlorite schist								5		
50	55	-	-	tr	tr	-	As above								5		
55	60	-	-	tr	tr	-	Quartz-muscovite schist					35	tr				
60	65	-	-	tr	tr	-	Quartz-muscovite schist, some trem.					30					
65	70	-	-	tr	-	-	As above										
70	75	-	-	tr	-	-	As above										
75	80	-	-	-	-	-	Quartz-muscovite schist										
80	85	-	-	-	-	-	Quartz-muscovite schist								5		
85	90	-	tr	-	-	-	As above								5		
90	95	-	tr	-	-	-	As above										
95	100	-	-	-	-	-	Quartz-muscovite-biotite schist, CI-10.					10	40				
100	105	-	-	-	-	-	Quartz-muscovite schist, minor tremolite										
105	110	-	-	-	-	-	As above										
							110ft., End of Hole.										

DRILLED BY Tonto Drilling

SIGNED R. waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-25

SHEET NUMBER 1 of 2 SECTION FROM 15' TO 115' STARTED 23/10/81  
 LATITUDE 49977.23 N DATUM \_\_\_\_\_ COMPLETED 23/10/81  
 DEPARTURE 50018.52 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 215'  
 ELEVATION 660.30 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	pp	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assey		Mineral Percentages						LOG
										W	g	f	bt	mch	gr	others		
15	20	-	2	-	-	-	Quartz-chlorite-graphite schist											
20	25	-	2	tr	-	-	Quartz-chlorite-graphite schist											3025
25	30	-	1	tr	-	-	Quartz-sericite-biotite schist				30		5	20	10	25		
30	35	-	1	-	-	-	Quartz-biotite-muscovite schist				30		15	15	tr	10		
35	40	10	1	-	-	-	Quartz-biotite-muscovite schist				40		15	5		10		
40	45	5	1	-	-	-	Quartz-graphite schist				35		5	15		5	30	
45	50	5	1	-	-	-	Quartz-muscovite-graphite schist, minor											
							talc					35		tr	20	tr	30	
50	55	-	tr	-	-	-	Quartz-muscovite-graphite schist							tr				
55	60	-	tr	-	-	-	Quartz-muscovite-graphite schist											30
60	65	-	1	-	tr	-	Quartz-muscovite-biotite schist						10			5		
65	70	-	-	-	tr	-	As above						15			15		
70	75	-	-	-	tr	-	As above						15			15		
75	80	-	-	-	tr	-	As above									15		
80	85	-	-	-	tr	-	As above						15			15		
85	90	-	-	-	tr	-	As above											
90	95	-	-	-	tr	-	As above											
95	100	-	2	-	tr	-	As above											
100	105	-	tr	-	tr	-	Quartz-muscovite-graphite schist											
105	110	-	tr	tr	tr	-	Quartz-muscovite-graphite schist											
110	115	-	tr	tr	tr	-	As above											

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SIGNED R. Wane

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-25

SHEET NUMBER 2 of 2 SECTION FROM 115' TO 215' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG	
										W	g	f	bt	mach	gr	others			
115	120	-	tr	tr	tr	-	As above												
120	125	1	tr	tr	tr	-	Quartz-muscovite-graphite schist						20		25				
125	130	2	tr	tr	tr	-	As above								30				
130	135	1	tr	tr	tr	-	As above								30				
135	140	1	tr	tr	tr	-	As above								30				
140	145	1	tr	tr	tr	-	As above								30				
145	150	1	tr	tr	tr	-	As above								30				
150	155	1	tr	tr	tr	-	As above								30				
155	160	1	tr	tr	tr	-	Quartz-muscovite schist							25		10			
160	165	1	tr	tr	tr	-	Quartz-muscovite-graphite schist, minor talc								25		20		
165	170	1	tr	tr	tr	-	As above												
170	175	1	tr	tr	tr	-	As above												
175	180	1	tr	tr	tr	-	As above												
180	185	1	tr	tr	tr	-	As above												
185	190	1	tr	tr	tr	-	As above												
190	195	1	tr	tr	tr	-	Quartz-muscovite schist, minor dark chlorite							20		15			
195	200	1	tr	tr	tr	-	As above												
200	205	-	-	-	-	-	As above												
205	210	-	-	-	-	-	As above												
210	215	-	-	-	-	-	As above												
							215ft., End of Hole.												

DRILLED BY \_\_\_\_\_

SIGNED R. Ware

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-26

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 85' STARTED 24/10/81  
 LATITUDE 50112 N DATUM \_\_\_\_\_ COMPLETED 24/10/81  
 DEPARTURE 49915 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 145'  
 ELEVATION 618 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay	Mineral Percentages							Job
										w	q	f	bt	mch	gr	others		
10	15	tr	-	2	2	2	Grey/cream, weak skarn unit, potash feld-spar, minor diopside		5'	20								
15	20	-	-	1	tr	-	Quartz-biotite schist (minor skarn, 15%)		5'	25								
20	25	3	-	1	-	1	Quartz-biotite schist		5'	20								
25	30	2	-	1	-	-	Quartz-biotite schist, minor silicification with po.			(ppm)								
30	35	2	-	2	2	-	Silicified zone, some po., some chlorite		5'	15								
35	40	2	tr	3	3	-	Silicified zone, some q-m schist, and minor skarn		5'	50								
40	45	1	1	1	2	-	Quartz-muscovite schist, some graphite, some trem.				30			25	2	5		
45	50	1	tr	-	1	-	Quartz-muscovite schist, slightly calcareous, 2% tremolite											
50	55	2	1	-	1	-	Quartz-graphite schist, minor trem.				35					25		
55	60	1	tr	-	tr	-	Quartz-graphite-muscovite schist, some ser, trem., 2%				30			15		35		
60	65	1	tr	-	tr	-	As above											
65	70	1	tr	1	tr	-	As above											
70	75	1	tr	1	tr	-	As above											
75	80	1	tr	1	tr	-	As above											
80	85	2	tr	tr	tr	-	As above										45	

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SIGNED R. W. W.



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-26

SHEET NUMBER 2 of 2 SECTION FROM 85' TO 145' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assy Mineral Percentages							J <sup>o</sup>			
										w	q	f	bt	mach	gr	others				
85	90	-	-	-	-	-	Quartz-graphite-muscovite schist, minor talc													
90	95	2	tr	tr	tr	-	As above													
95	100	2	tr	tr	tr	-	As above													
100	105	2	tr	tr	tr	-	As above													
105	110	-	tr	tr	tr	-	Quartz-graphite-muscovite schist							25		30				
110	115	-	tr	tr	tr	-	Quartz-muscovite-graphite schist							25		20				
115	120	-	tr	tr	tr	-	As above													
120	125	-	tr	tr	tr	-	As above													
125	130	-	-	-	tr	-	Quartz-muscovite-graphite schist							25		20				
130	135	-	-	-	tr	-	Quartz-muscovite-graphite schist									15				
135	140	-	-	-	-	-	As above									15				
140	145	-	-	-	tr	-	Quartz-muscovite-biotite schist							5	20	10				
							145ft., End of Hole.													

DRILLED BY \_\_\_\_\_

SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-27

SHEET NUMBER 1 of 1 SECTION FROM 10' TO 75' STARTED 24/10/81  
 LATITUDE 50027 N DATUM \_\_\_\_\_ COMPLETED 24/10/81  
 DEPARTURE 49950 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 75'  
 ELEVATION 630 m DIP -90° PROPOSED DEPTH 75'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages							SO <sub>2</sub>	
										W	g	l	bt	mach	gr	others				
10	15	-	-	3	2	3	Siliceous replacement and calc-silicate, some tremolite?		5'	>2000										
									(assay)	0.26										
15	20	-	-	3	3	tr	As above		5'	700										
20	25	-	-	1	2	tr	Siliceous replacement, quartz-biotite schist		5'	120										
25	30	-	-	1	1	-	Siliceous replacement, minor quartz-biotite schist		5'	25										
30	35	3	-	tr	1	-	Quartz-muscovite schist													10
35	40	3	-	tr	1	-	Quartz-muscovite-biotite schist, minor trem.													15
40	45	3	-	tr	2	-	Calcareous quartz-muscovite-graphite schist													15
45	50	3	-	tr	2	-	As above													15
50	55	3	-	tr	2	-	As above													
55	60	3	-	1	2	-	As above													
60	65	-	-	1	2	-	As above													
65	70	-	-	-	1	-	Quartz-biotite-graphite schist													20
70	75	-	-	-	1	-	Quartz-muscovite-graphite schist													20
							75ft., End of Hole.													

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SIGNED R. Ware



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-29

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 90' STARTED 24/10/81  
 LATITUDE 49970 N DATUM \_\_\_\_\_ COMPLETED 24/10/81  
 DEPARTURE 49960 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 90'  
 ELEVATION 635 m DIP -90° PROPOSED DEPTH 100'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE No	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										W	g	f	bt	ms	ch	gr		others
5	10	-	-	tr	-	-	Quartz-muscovite-biotite schist	-	5'	2 ppm	30	20	25	5				
10	15	5	-	tr	tr	tr	Quartz-biotite-muscovite schist	-	5'	1	30	25	20	5				
15	20	5	-	tr	-	-	As above	-	5'	1								
20	25	5	-	tr	-	-	As above, trace graphite											
25	30	4	-	-	-	-	Quartz-muscovite schist											
30	35	40	-	-	-	tr	Quartz-muscovite pegmatite											
35	40	20	-	-	-	-	Quartz-muscovite schist, minor chlorite											
40	45	5	-	-	-	-	Grey quartz schist, minor trem.					10						
45	50	5	-	-	-	-	Quartz-chlorite-muscovite schist					15	10	15				
50	55	4	-	-	-	-	Quartz-muscovite-graphite schist								20			
55	60	4	-	-	-	-	Quartz-graphite-muscovite schist								40			
60	65	4	-	-	-	-	Quartz-graphite-muscovite schist								40			
65	70	2	2	-	-	-	Quartz-graphite-muscovite schist								30			
70	75	-	-	-	tr	-	Quartz-muscovite-graphite schist					20	15					
75	80	5	-	-	tr	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	As above											
							90ft., End of Hole											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-30

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 60' STARTED 25/10/81  
 LATITUDE 49950 N DATUM \_\_\_\_\_ COMPLETED 25/10/81  
 DEPARTURE 49750 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 60'  
 ELEVATION 568 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										W	q	f	bt	mach	gr	others		
5	10	-		3	5	5	Calc silicate, strong scheelite		5'	>2000								
									assay	2.44	(W <sub>03</sub> )							
10	15	-	1	1	3	1	Intermixed calc silicate and quartz-biotite schist		5'	500								
15	20	-	-	-	2	-	Quartz-biotite schist		5'	400								
20	25	-	-	-	1	-	As above											
25	30	-	-	-	tr	-	As above											
30	35	-	-	-	tr	-	As above											
35	40	-	-	-	tr	-	As above											
40	45	-	-	-	tr	-	As above											
45	50	-	-	-	tr	-	As above, minor graphite										5	
50	55	-	-	-	tr	-	As above											
55	60	-	-	-	tr	-	As above											
							60', loss of circulation, hole abandoned.											
							60', End of Hole											

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SIGNED R. waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-31

SHEET NUMBER 1 of 1 SECTION FROM 10' TO 70' STARTED 25/10/81  
 LATITUDE 49925 N DATUM \_\_\_\_\_ COMPLETED 25/10/81  
 DEPARTURE 49750 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 70'  
 ELEVATION 568 m DIP - 90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							SO <sub>2</sub>	
										w	g	l	bt	mach	gr	others		
10	15	-	-	-	-	-	Quartz-biotite schist, somewhat oxidised											
15	20	-	-	-	-	-	As above											
20	25	-	-	-	l	-	As above											
25	30	-	-	-	tr	-	As above											
30	35	-	-	-	-	-	As above											
35	40	-	-	-	-	-	As above											
40	45	-	-	-	-	-	Quartz-biotite-muscovite schist											
45	50	-	-	-	tr	-	As above											
50	55	-	-	-	tr	-	As above											
55	60	-	-	-	tr	-	As above											
60	65	-	-	-	tr	-	As above											
65	70	-	-	-	tr	-	As above											
							70', circulation lost, hole abandoned.											
							70ft., End of Hole											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-32

SHEET NUMBER 1 of 1 SECTION FROM 20' TO 90' STARTED 26/10/81  
 LATITUDE 49900 N DATUM - COMPLETED 27/10/81  
 DEPARTURE 49750 E BEARING - ULTIMATE DEPTH 90'  
 ELEVATION 570 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG	
										W	g	f	bt	ms	ch	gr	others		
20	25	4	-	-	-	-	Quartz-biotite schist												
25	30	3	-	-	-	-	As above												
30	35	3	-	-	-	-	As above												
35	40	3	-	-	-	-	As above												
40	45	3	-	-	-	-	As above												
45	50	3	-	-	-	-	As above												
50	55	3	-	-	-	-	Quartz-biotite schist												
55	60	3	-	-	-	-	Quartz-biotite schist												
60	65	4	-	-	-	-	Altered quartz-biotite schist, muscovite-chlorite schist					40	10	30	5				
65	70	5	-	-	-	-	As above												
70	75	-	-	-	-	-	Quartz-muscovite schist							25					
75	80	-	-	-	-	-	Quartz-biotite schist												
80	85	2	-	1	-	-	Quartz-musco. schist, minor po.												
85	90	1	-	-	-	-	Quartz-biotite schist												
							90ft., Circulation lost, grouted grout failure, hole abandoned.												
							90ft., End of Hole.												

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-33

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 100' STARTED 28/10/81  
 LATITUDE 49950 N DATUM - COMPLETED 28/10/81  
 DEPARTURE 49775 E BEARING - ULTIMATE DEPTH 120'  
 ELEVATION 580 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								
										w	q	f	bt	mach	gr	others	100	
5	10	2	-	-	-	-	Quartz-biotite schist, somewhat sericitised											
10	15	3	-	-	-	-	Quartz-biotite schist											
15	20	2	-	-	-	-	As above											
20	25	2	-	-	-	-	As above											
25	30	3	-	-	-	-	Quartz-biotite schist, mildly chloritised											
30	35	3	-	-	1	-	As above											
35	40	2	-	-	1	-	As above											
40	45	2	-	-	tr	-	As above											
45	50	2	-	-	tr	-	As above			(ppm)								
50	55	2	-	-	tr	-	Quartz-biotite schist, amphibole appearing		5'	15								
55	60	2	-	-	tr	-	As above											
60	65	1	-	-	1	-	As above											
65	70	1	-	-	1	-	Quartz-biotite schist, as above											
70	75	2	-	-	1	-	As above.											
75	80	1	-	-	1	-	Quartz-muscovite-biotite schist, some sericitisation									5	20	
80	85	2	-	-	1	-	As above											
85	90	1	-	-	1	-	As above											
							Gouged zone, area cemented											
90	95	2	-	-	tr	-	Quartz-biotite-muscovite schist									20	15	
95	100	2	-	-	1	-	As above											

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SIGNED R. waves





# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-34

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 105' STARTED 28/10/81  
 LATITUDE 49925 N DATUM \_\_\_\_\_ COMPLETED 29/10/81  
 DEPARTURE 49775 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 155'  
 ELEVATION 580 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages							CO	
										W	g	f	bt	ma	ch	gr	others			
5	10	1	-	-	-	-	Quartz-biotite-muscovite schist, some chloritisation				35	15	10							
10	15	1	-	-	-	-	As above													
15	20	1	-	-	-	-	As above													
20	25	1	-	-	-	-	As above													
25	30	-	-	-	tr	-	Quartz-biotite-muscovite schist													
30	35	2	-	-	tr	-	As above			(ppm)										
35	40	2	-	-	1	tr	As above		5'	5										
40	45	3	-	-	3	1	Weak skarn horizon, plus biotite schist		5'	5										
45	50	2	-	-	1	tr	Quartz-biotite schist		5'	10										
50	55	1	-	-	tr	tr	Quartz-biotite-muscovite schist, minor trem		5'	10										
55	60	1	-	-	tr	-	Quartz-biotite-muscovite schist		5'	5										
60	65	1	-	-	1	-	Quartz-biotite schist, minor thin skarn(?)													
65	70	1	-	-	tr	-	Quartz-biotite schist													
70	75	1	-	-	tr	tr	Quartz-biotite schist													
75	80	-	-	-	-	-	As above													
80	85	-	-	-	-	-	As above													
85	90	-	-	-	-	-	As above													
90	95	-	-	-	-	-	As above													
95	100	-	-	-	-	-	As above													
100	105	-	-	-	-	-	As above													

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-34

SHEET NUMBER 2 of 2 SECTION FROM 105' TO 155' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							50	
										W	g	f	bt	mach	gr	others		
105	110	-	-	-	-	-	As above											
110	115	-	-	-	-	-	Quartz-muscovite schist, some alteration				35			20	10			
115	120	-	-	-	-	-	As above											
120	125	-	-	-	-	-	As above											
125	130	-	-	-	tr	-	Quartz-muscovite schist, minor chlorite							20	5	tr		
130	135	-	-	-	-	-	As above											
135	140	-	-	tr	-	-	As above											
140	145	-	-	tr	tr	-	As above											
145	150	-	-	-	tr	-	As above											
150	155	-	-	tr	tr	-	As above											
							155ft., circulation lost, grouting failure											
							155ft., End of Hole.											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-35

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 115' STARTED 29/10/81  
 LATITUDE 49975 N DATUM \_\_\_\_\_ COMPLETED 29/10/81  
 DEPARTURE 49775 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 155'  
 ELEVATION 585 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							log	
										W	g	f	bt	mach	gr	others		
10	15	1	-	-	-	-	Oxidised quartz-biotite schist											
15	20	1	-	-	-	-	Quartz-muscovite schist				35		30	30				
20	25	1	-	-	-	-	Quartz-muscovite schist											
25	30	1	-	-	-	-	Quartz-muscovite schist											
30	35	2	-	-	-	-	Quartz-muscovite schist			(ppm)	30	30		35				
35	40	2	-	-	1	-	Quartz-biotite schist, minor carbonate		5'	10								
40	45	-	-	-	-	-	As above		5'	10								
45	50	-	-	-	-	-	As above		5'	10								
50	55	-	-	-	-	-	Quartz-biotite schist				35		25	5				
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	Quartz-biotite schist, minor graphite										5	
65	70	-	-	-	1	-	Calcareous quartz-biotite schist											
70	75	-	-	-	1	-	Calcareous quartz-biotite schist				35		25					
75	80	-	-	-	1	-	Quartz-biotite schist										10	
80	85	-	-	tr	1	-	Quartz-biotite-muscovite schist, tr. po.		5'	1	30		25	15				
85	90	-	-	tr	1	tr	As above		5'	1								
90	95	-	-	-	1	-	Quartz-biotite schist											
95	100	-	-	-	1	-	Quartz-biotite schist											
100	105	-	-	-	1	-	Quartz-biotite schist											
105	110	-	-	-	1	-	Quartz-biotite schist											
110	115	-	-	-	1	-	Quartz-biotite schist											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-36

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 105' STARTED 30/10/81  
 LATITUDE 49975 N DATUM \_\_\_\_\_ COMPLETED 30/10/81  
 DEPARTURE 49725 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 150'  
 ELEVATION 565 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						LOG
										W	Q	f	bt	ms	ch	gr	others	
5	10	-	-	-	-	-	Quartz-biotite schist, minor chlorite				30	30	15					
10	15	-	-	-	-	-	As above											
15	20	2	tr	-	-	-	As above											
20	25	-	-	-	-	-	As above			(ppm)								
25	30	-	-	-	-	-	As above		5'	5								
30	35	-	-	-	-	-	As above									5		
35	40	-	-	-	-	-	As above											
40	45	-	-	-	-	-	Altered quartz-biotite schist, some sericite											
45	50	-	tr	-	-	-	As above											
50	55	-	-	-	-	-	Altered quartz-biotite schist, minor sericite											
55	60	-	-	-	-	-	Quartz-muscovite-biotite schist					15	25					
60	65	-	-	-	-	-	As above											
65	70	-	-	tr	1	-	Quartz-muscovite schist									5		
70	75	-	-	tr	1	-	As above											
75	80	-	-	-	-	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	As above											
90	95	-	-	-	3	-	Weak skarn		5'	30								
95	100	-	-	-	1	-	Quartz-muscovite-biotite schist											
100	105	-	-	-	-	-	As above											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-36

SHEET NUMBER 2 of 2 SECTION FROM 105' TO 150' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							LOT
										W	q	f	bt	mach	gr	others	
105	110	-	-	-	-	-	Quartz-muscovite-biotite schist						20	15	10		
110	115	-	-	tr	-	-	Quartz-muscovite-biotite schist			(ppm)					10		
115	120	1	-	tr	-	-	As above		5'	10							
120	125	1	-	tr	-	-	Quartz-muscovite-biotite schist								10		
125	130	1	-	-	-	-	Quartz-muscovite-graphite schist						25	15			
130	135	1	-	-	-	-	As above								15		
135	140	1	-	-	-	-	As above								30		
140	145	1	-	-	-	-	As above								30		
145	150	1	-	-	-	-	As above								25		
							150ft., End of Hole.										

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-37

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 100' STARTED 31/10/81  
 LATITUDE 49950 N DATUM \_\_\_\_\_ COMPLETED 31/10/81  
 DEPARTURE 49725 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 150'  
 ELEVATION 565 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							COJ	
										W	q	f	bt	mach	gr	others		
5	10	1	-	-	-	-	Quartz-biotite schist											
10	15	2	-	-	-	-	Quartz-biotite schist, some potash feldspar, tremolite											
15	20	2	-	-	1	1	As above, some chloridisation specs scheelite											
20	25	3	-	-	-	-	Quartz-biotite schist											
25	30	3	-	-	-	-	Chloritised quartz-biotite schist											
30	35	2	-	-	-	-	Chloritised quartz-biotite schist											
35	40	2	-	-	-	-	Chloritised quartz-biotite schist											
40	45	2	-	-	-	-	As above											
45	50	2	-	-	-	-	Chloritised quartz-biotite schist											
50	55	2	-	-	1	-	Chloritised quartz-biotite schist					25	30					
55	60	2	-	-	1	-	As above											
60	65	2	-	-	1	-	Chloritised quartz-biotite schist											
65	70	2	-	-	tr	-	As above											
70	75	2	-	-	tr	-	As above											
75	80	2	-	-	tr	-	As above											
80	85	2	-	tr	tr	-	As above											
85	90	tr	-	tr	tr	-	As above											
90	95	tr	-	tr	-	-	Quartz-biotite schist, minor chlorite											
95	100	-	-	-	-	-	As above											

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# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-37

SHEET NUMBER 2 of 2 SECTION FROM 100' TO 150' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							SP
										W	q	f	bt	mch	gr	others	
100	105	-	-	-	-	-	Quartz-muscovite-biotite schist						10	30	5		
105	110	-	-	-	-	-	As above										
110	115	-	-	-	-	-	As above										
115	120	-	-	-	-	-	As above										
120	125	-	-	-	-	-	Quartz-muscovite-biotite schist								10		
125	130	-	-	tr	-	-	As above								tr		
130	135	-	-	tr	-	-	As above										
135	140	-	-	-	-	-	As above										
140	145	-	-	tr	-	-	As above										
145	150	-	-	tr	tr	-	As above										
							150ft., End of Hole										

DRILLED BY \_\_\_\_\_ SIGNED R. Waves

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-38

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 75' STARTED 1/11/81  
 LATITUDE 49960 N DATUM \_\_\_\_\_ COMPLETED 2/11/81  
 DEPARTURE 49815 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 75'  
 ELEVATION 604 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							Dip	
										W	q	f	bt	mch	gr	others		
5	10	2	-	-	-	-	Quartz-biotite schist											
10	15	2	-	-	-	-	As above											
15	20	2	-	-	-	-	As above											
20	25	2	-	-	-	-	As above											
25	30	1	-	-	-	-	As above											
30	35	2	-	-	-	-	As above											
35	40	2	-	-	-	-	As above											
40	45	4	-	-	-	-	Quartz-biotite schist, some what oxidised				30		35					
45	50	6	-	-	-	-	Quartz-biotite schist, chloritised											
50	55	-	-	-	-	-	Quartz-biotite schist				35		35					
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	As above											
65	70	-	-	-	-	-	As above											
70	75	-	-	-	-	-	As above, some chloritisation											
							70ft., circulation lost, grouting suc-											
							cessful.											
							75ft., circulation lost, grouting unsuc-											
							cessful.											
							75ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED R. Wares

# PERCUSSION DRILL RECORD

Thanksgiving

PROPERTY \_\_\_\_\_

HOLE NO. TP-81-39

SHEET NUMBER 1 of 2

SECTION FROM 10' TO 115'

STARTED 2/11/81

LATITUDE 50140 N

DATUM \_\_\_\_\_

COMPLETED 2/11/81

DEPARTURE 49847 E

BEARING \_\_\_\_\_

ULTIMATE DEPTH 200'

ELEVATION 605 m

DIP -90°

PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							CO <sub>2</sub>	
										W	q	f	bt	ma	ch	gr		others
10	15	-	-	-	-	-	Quartz-muscovite-graphite schist, f.gr.po.				25			30	10			
15	20	2	-	tr	-	-	As above											
20	25	3	tr	2	-	-	Quartz-muscovite schist, heavy po.			(ppm)	35			30				
25	30	2	-	2	-	-	Quartz-muscovite schist		5'		1							
30	35	2	-	3	-	-	Quartz-muscovite schist		5'		1	30		25				
35	40	1	-	tr	-	-	As above		5'		1							
40	45	1	-	2	-	-	As above		5'		1							
45	50	1	-	2	-	-	As above						10					
50	55	2	-	2	-	-	Quartz-muscovite-biotite schist					35	15	20				
55	60	1	-	1	-	-	As above											
60	65	1	-	1	-	-	Quartz-biotite-muscovite schist						25	15				
65	70	1	-	1	-	-	As above											
70	75	1	-	1	-	-	Quartz-biotite-muscovite schist											
75	80	4	-	1	-	-	As above											
80	85	3	tr	1	1	-	Quartz-muscovite-biotite schist						10	35				
85	90	2	tr	1	-	-	As above											
90	95	2	tr	1	-	-	As above											
95	100	4	-	2	-	-	Quartz-biotite-muscovite schist					35	30	10				
100	105	4	-	2	-	-	As above											
105	110	2	-	1	-	-	Quartz-muscovite-biotite schist						15	25				
110	115	1	-	tr	-	-	As above											

DRILLED BY Tonto Drilling

SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-39

SHEET NUMBER 2 of 2 SECTION FROM 115' TO 200' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay								SO <sub>2</sub>
										W	q	f	bt	mach	gr	others		
115	120	-	-	-	-	-	As above											
120	125	-	-	-	-	-	As above											
125	130	-	-	-	-	-	As above											
130	135	-	-	-	-	-	Quartz-muscovite schist								30			
135	140	-	-	-	-	-	As above											
140	145	-	-	-	-	-	Quartz-muscovite-biotite schist						35		15	15		
145	150	-	-	-	-	-	As above											
150	155	-	-	-	-	-	As above, CI-10											
155	160	-	-	-	-	-	As above											
160	165	-	-	-	-	-	As above											
165	170	-	-	-	-	-	As above											
170	175	-	-	-	-	-	As above											
175	180	-	-	-	-	-	As above											
180	185	-	-	-	-	-	As above											
185	190	-	-	-	-	-	As above								15	15		
190	195	-	-	-	-	-	As above											
195	200	-	-	-	-	-	As above											
							200ft., End of Hole.											

DRILLED BY .....

SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-40

SHEET NUMBER \_\_\_\_\_ SECTION FROM 15' TO 100' STARTED 2/11/81  
 LATITUDE 49996 N DATUM \_\_\_\_\_ COMPLETED 2/11/81  
 DEPARTURE 49820 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 100'  
 ELEVATION 610 m DIP -90° PROPOSED DEPTH 100'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										W	g	f	bt	mach	gr	others		
15	20	2	-	1	1	-	Quartz-biotite schist, some chlorite		5'	45 ppm								
20	25	2	-	2	3	1	Silicified limestone, some calc-silicate		5'	35								
25	30	2	-	1	3	2	As above		5'	300								
30	35	2	-	1	2	2	As above, quartz-biotite schist fragments											
35	40	1	-	1	3	2	Silicified replacement, and calc-silicate		5'	160								
40	45	2	-	2	2	3	As above											
45	50	1	-	1	2	3	As above, some sliming of scheelite in surface float		5'	50								
50	55	1	-	1	3	2	As above											
55	60	1	-	1	2	1	Minor potash feldspar, some graphite present											
60	65	-	-	1	2	1	Silicified limestone, some graphite present										25	
65	70	-	-	2	2	tr	Replacement unit, minor potash feldspar											
70	75	-	-	1	1	tr	Calcareous quartz-muscovite schist, graphitic							30	15			
75	80	-	-	1	1	tr	Quartz-muscovite schist, siliceous replacement, some graphite											
80	85	-	-	tr	2	tr	As above											
85	90	-	-	tr	1	tr	As above, sliming (?)											
90	95	-	-	-	1	tr	As above, siliceous replacement disappeared											
95	100	-	-	-	1	-	Quartz-muscovite schist, graphitic										20	
							100ft., End of Hole.											

DRILLED BY Tonto Drilling

SIGNED R. Wares

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-41

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 80' STARTED 3/11/81  
 LATITUDE 49950 N DATUM \_\_\_\_\_ COMPLETED 3/11/81  
 DEPARTURE 49758 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 80'  
 ELEVATION 590 m DIP -90° PROPOSED DEPTH 80'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							%		
										w	g	f	bt	mach	gr	others			
5	10	-	-	-	-	-	Quartz-biotite-muscovite-graphite schist												
10	15	-	-	-	1	-	Quartz-biotite-muscovite schist						15	15	70	5			
15	20	3	-	-	2	-	As above												
20	25	-	-	-	1	-	As above												
25	30	-	-	-	1	-	As above												
30	35	-	-	-	1	-	As above												
35	40	-	-	-	1	-	As above												
40	45	-	-	-	1	-	As above												
45	50	-	-	-	1	-	As above												
50	55	-	-	-	1	-	As above												
55	60	-	-	-	1	-	As above												
60	65	-	-	-	1	-	As above												
65	70	-	-	-	1	-	As above												
70	75	-	-	-	1	-	As above												
75	80	-	-	-	1	-	As above												
							80ft., End of Hole												

DRILLED BY Tonto Drilling

SIGNED [Signature]

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-42

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 80' STARTED 3/11/81  
 LATITUDE 49950 N DATUM \_\_\_\_\_ COMPLETED 3/11/81  
 DEPARTURE 49742 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 80'  
 ELEVATION 580 m DIP -90° PROPOSED DEPTH 80'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										w	g	f	bl	mach	gr	others		
5	10	-	-	-	-	-	Quartz-biotite schist											
10	15	-	-	-	-	-	As above											
15	20	-	-	-	-	-	As above											
20	25	-	-	-	-	-	As above											
25	30	-	-	-	-	-	As above											
30	35	-	-	-	-	-	As above											
35	40	-	-	-	1	-	Quartz-biotite-muscovite schist											
40	45	-	-	-	1	-	As above											
45	50	-	-	-	1	-	As above											
50	55	-	-	-	1	-	As above											
55	60	-	-	-	1	-	As above											
60	65	-	-	-	2	-	Quartz-biotite-muscovite schist					30	20	10	5			
65	70	-	-	-	2	-	As above											
70	75	-	-	-	2	-	As above											
75	80	-	-	-	-	-	As above											
							80ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-43

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 80' STARTED 3/11/81  
 LATITUDE 49958 N DATUM \_\_\_\_\_ COMPLETED 4/11/81  
 DEPARTURE 49750 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 80'  
 ELEVATION 580 m DIP -90° PROPOSED DEPTH 80'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							LOG	
										W	g	f	bt	mach	gr	others		
5	10	-	-	-	-	-	Quartz-biotite-muscovite schist			(ppm)	30		20	15				
10	15	-	-	-	-	2	Quartz-biotite-muscovite schist, scheelite noted		5'	1								
15	20	-	-	-	1	-	As above											
20	25	-	-	-	1	-	As above											
25	30	-	-	-	1	-	As above											
30	35	-	-	-	1	-	As above											
35	40	-	-	-	-	-	As above											
40	45	-	-	-	-	-	As above											
45	50	-	-	-	-	-	As above											
50	55	-	-	-	-	-	Loss of circulation, grouting											
55	60	-	-	-	-	-	Quartz-biotite muscovite schist											
60	65	-	-	-	-	-	As above											
65	70	-	-	-	-	-	As above											
70	75	-	-	-	-	-	As above											
75	80	-	-	-	-	-	As above											
							80ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED G. Thomas



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-44

SHEET NUMBER 1 of 1 SECTION FROM 10' TO 80' STARTED 4/11/81  
 LATITUDE 49942 N DATUM \_\_\_\_\_ COMPLETED 4/11/81  
 DEPARTURE 49750 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 80'  
 ELEVATION 575 m DIP -90° PROPOSED DEPTH 80'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							%	
										W	g	l	bt	mach	gr	others		
10	15	-	-	-	-	-	Biotite-muscovite-quartz schist				25	30	15	tr				
15	20	-	-	-	-	-	As above											30
20	25	-	-	-	-	-	As above											30
25	30	-	-	-	-	-	As above											10
30	35	-	-	-	-	-	As above											
35	40	-	-	-	1	-	As above											
40	45	5	-	-	1	-	As above											
45	50	-	-	-	1	-	As above											
50	55	-	-	-	1	-	As above											
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	As above											
65	70	-	-	-	-	-	As above											
70	75	-	-	-	-	-	As above											
75	80	-	-	-	1	-	As above											
							80ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-45

SHEET NUMBER 1 of 1 SECTION FROM 25' TO 90' STARTED 4/11/81  
 LATITUDE 50025 N DATUM \_\_\_\_\_ COMPLETED 4/11/81  
 DEPARTURE 49765 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 90'  
 ELEVATION 580 m DIP -90° PROPOSED DEPTH 150'

From	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG
										W	g	f	bt	mach	gr	others		
25	30	-	-	-	-	-	Muscovite schist											
30	35	-	-	-	-	-	Fine mud											
35	40	-	-	-	-	-	Fine mud											
40	45	-	-	-	-	-	Fine mud											
45	50	-	-	-	2	-	Mud with fine sand											
50	55	-	-	-	2	-	Quartz-biotite-muscovite schist					35	20	15				
55	60	-	-	-	2	-	As above											
60	65	-	-	-	2	-	As above											
65	70	-	-	-	1	-	As above											
70	75	-	-	-	1	-	As above											
75	80	-	-	-	-	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	As above											
							Hole terminated at 90 ft., samples of											
							fine grained mud, caving required casing											
							to be put down to 90 ft. if extended;											
							hole abandoned.											
							90ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED *J. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-46

SHEET NUMBER 1 of 2 SECTION FROM 15' TO 120' STARTED 4/11/81  
 LATITUDE 50075 N DATUM \_\_\_\_\_ COMPLETED 4/11/81  
 DEPARTURE 49785 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 580m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							%			
										w	g	f	bt	mch	gr	others				
15	20	-	-	-	-	-	Quartz-biotite-muscovite schist				35			20	25					
20	25	-	-	-	-	-	As above													
25	30	-	-	-	-	-	As above													
30	35	-	-	-	-	-	As above													
35	40	-	-	-	-	-	As above													
40	45	-	-	-	-	-	As above													
45	50	-	-	-	1	-	Graphite schist				30		10	5	35					
50	55	-	-	-	2	-	As above													
55	60	-	-	-	2	-	As above													
60	65	-	-	-	2	-	As above													
65	70	-	-	-	2	-	As above													
70	75	-	-	-	2	-	As above													
75	80	-	-	-	2	-	As above													
80	85	-	-	-	1	-	Quartz-muscovite-biotite schist				30		15	30						
85	90	-	-	-	1	-	As above													
90	95	-	-	-	1	-	As above													
95	100	-	-	-	1	-	As above													
100	105	-	-	-	1	-	As above													
105	110	-	-	-	1	-	As above													
110	115	-	-	-	1	-	As above													
115	120	-	-	-	1	-	As above													

DRILLED BY .....Tanto Drilling.....

SIGNED *E. Hanson*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-46

SHEET NUMBER 2 of 2 SECTION FROM 120' TO 200' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							60	
										w	g	f	bt	mach	gr	others		
120	125	-	-	-	1	-	As above											
125	130	-	-	-	1	-	As above											
130	135	-	-	-	1	-	As above											
135	140	-	-	-	1	-	As above											
140	145	-	-	-	1	-	As above											
145	150	-	-	-	1	-	Quartz-muscovite schist, minor mafics				30		5	35				
150	155	-	-	-	2	-	As above											
155	160	-	-	-	2	-	As above											
160	165	-	-	-	2	-	As above											
165	170	-	-	-	2	-	As above											
170	175	-	-	-	1	-	Quartz-biotite-muscovite-graphite schist				30		25	10		20		
175	180	-	-	-	1	-	As above											
180	185	-	-	-	1	-	As above, increased chlorite									10		
185	190	-	-	-	1	-	As above											
190	195	-	-	-	1	-	As above											
195	200	-	-	-	1	-	As above									15		
							200ft., End of Hole.											

DRILLED BY .....

SIGNED G. Thomas

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-47

SHEET NUMBER 1 of 2 SECTION FROM 15' TO 120' STARTED 5/11/81  
 LATITUDE 50065 N DATUM \_\_\_\_\_ COMPLETED 5/11/81  
 DEPARTURE 49750 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 150'  
 ELEVATION 570 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG	
										w	g	f	bl	mach	gr	others		
15	20	-	-	-	1	-	Quartz-biotite-muscovite schist, oxidised				30	25	10					
20	25	-	-	-	-	-	As above, oxidised											
25	30	-	-	-	-	-	As above, oxidised											
30	35	-	-	-	-	-	As above											
35	40	-	-	-	-	-	Quartz-graphite-muscovite schist									20		
40	45	-	-	-	-	-	Quartz-graphite-muscovite schist									25		
45	50	-	-	-	-	-	As above, dark coloured											
50	55	-	-	-	-	-	As above											
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	As above											
65	70	-	-	-	-	-	As above											
70	75	-	-	-	-	-	As above											
75	80	-	-	-	-	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	As above											
90	95	-	-	-	-	-	As above											
95	100	-	-	-	-	-	Biotite-muscovite-graphite-quartz schist				20	25	20	20				
100	105	-	-	-	-	-	As above											
105	110	-	-	-	-	-	As above											
110	115	-	-	-	-	-	As above											
115	120	-	-	-	-	-	As above											

DRILLED BY Tonto Drilling

SIGNED *J. Thomas*



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-48

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 110' STARTED 5/11/81  
 LATITUDE 50125 N DATUM \_\_\_\_\_ COMPLETED 5/11/81  
 DEPARTURE 49777 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 580 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG	
										W	q	f	bt	mach	gr	others			
5	10	-	-	-	-	-	Surface gravel												
10	15	-	-	-	-	-	Surface gravel												
15	20	-	-	-	1	-	Quartz-biotite-muscovite-graphite schist								5	20			
20	25	-	-	-	1	-	As above												
25	30	-	-	-	1	-	As above												
30	35	-	1	-	2	-	As above								20				
35	40	-	1	-	2	-	As above												
40	45	-	1	-	2	-	As above												
45	50	-	1	-	2	-	As above												
50	55	-	1	-	2	-	As above												
55	60	-	1	-	1	-	Quartz-muscovite schist								30				
60	65	-	1	-	1	-	As above												
65	70	-	1	-	1	-	As above												
70	75	4	1	-	2	-	As above												
75	80	-	-	-	2	-	As above												
80	85	-	-	-	1	-	As above												
85	90	-	-	-	1	-	As above												
90	95	-	-	-	1	-	As above												
95	100	-	-	-	1	-	As above												
100	105	-	-	-	1	-	As above												
105	110	-	1	-	1	-	Quartz-muscovite-chlorite schist								35		30	10	

DRILLED BY .....Jonta Drilling.....

SIGNED *G. Jansa*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-48

SHEET NUMBER 2 of 2 SECTION FROM 110' TO 200' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							g O	
										W	g	l	bt	mach	gr	others		
110	115	-	1	-	2	-	As above											
115	120	-	2	-	3	-	As above											
120	125	-	-	-	4	-	As above											
125	130	-	-	-	5	-	Quartz-chlorite schist, strongly effervescent								10			
130	135	-	-	-	5	-	Quartz-chlorite schist											
135	140	-	-	-	4	-	As above											
140	145	-	-	-	4	-	As above											
145	150	-	-	-	2	-	As above											
150	155	-	-	-	2	-	As above											
155	160	-	-	-	2	-	As above											
160	165	-	-	-	2	-	As above											
165	170	-	-	-	3	-	As above											
170	175	-	-	-	3	-	As above											
175	180	-	-	-	3	-	As above											
180	185	-	-	-	2	-	As above											
185	190	-	-	-	2	-	As above											
190	195	-	-	-	2	-	As above											
195	200	-	-	-	2	-	As above											
							200ft., End of Hole.											

DRILLED BY \_\_\_\_\_

SIGNED G. Hanson



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-49

SHEET NUMBER 1 of 2 SECTION FROM 30' TO 135' STARTED 6/11/81  
 LATITUDE 50150 N DATUM \_\_\_\_\_ COMPLETED 6/11/81  
 DEPARTURE 49905 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 612 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG				
										w	q	f	bt	mach	gr	others					
30	35	-	3	-	3	-	Quartz-graphite schist														
35	40	-	2	-	2	-	As above														
40	45	-	2	-	-	-	As above														
45	50	-	3	-	-	-	As above														
50	55	-	1	-	-	-	Quartz-graphite-muscovite schist				35			30	20						
55	60	-	1	-	-	-	As above														
60	65	-	-	-	1	-	As above														
65	70	-	-	-	1	-	As above														
70	75	-	-	-	1	-	As above														
75	80	-	-	-	1	-	As above														
80	85	-	-	-	1	-	As above														
85	90	-	1	-	1	-	As above														
90	95	-	2	-	1	-	As above														
95	100	-	1	-	1	-	As above														
100	105	-	1	-	1	-	As above														
105	110	-	1	-	1	-	As above														
110	115	-	1	-	1	-	Quartz-muscovite-biotite schist							10	25						
115	120	-	1	-	1	-	As above, increased muscovite, less mafics														
120	125	-	2	-	1	-	As above														
125	130	-	2	-	1	-	As above														
130	135	-	1	-	1	-	As above														

DRILLED BY Tonto Drilling

SIGNED G. Thomas



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-50

SHEET NUMBER 1 of 2 SECTION FROM 15' TO 120' STARTED 6/11/81  
 LATITUDE 50100 N DATUM \_\_\_\_\_ COMPLETED 7/11/81  
 DEPARTURE 49895 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 605 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							S	
										w	q	f	bt	mach	gr	others		
15	20	-	-	-	-	-	Oxidised zone											
20	25	-	-	-	-	-	As above											
25	30	-	-	-	-	-	As above											
30	35	-	1	-	-	-	Quartz-biotite-graphite schist					30			25			
35	40	-	-	-	-	-	As above											
40	45	-	-	-	-	-	Quartz-muscovite-biotite-graphite schist					5	20		20			
45	50	-	-	-	-	-	As above, dark colour											
50	55	-	-	-	-	-	As above											
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	As above											
65	70	-	-	-	-	-	As above											
70	75	-	-	-	-	-	As above											
75	80	-	-	-	-	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	Quartz-graphite schist					35				30		
90	95	-	-	-	-	-	Quartz-muscovite-graphite schist											
95	100	-	-	-	-	-	As above											
100	105	-	-	-	-	-	As above											
105	110	-	-	-	-	-	As above											
110	115	-	-	-	-	-	As above											
115	120	-	-	-	-	-	Quartz-muscovite-biotite-graphite schist						10	20		20		

DRILLED BY Tonto Drilling

SIGNED *E. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-50

SHEET NUMBER 2 of 2 SECTION FROM 120' TO 200' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay							SOIL	
										W	g	f	bt	mch	gr	others		
120	125	-	-	-	-	-	As above											
125	130	-	-	-	-	-	As above											
130	135	-	-	-	-	-	As above											
135	140	-	-	-	-	-	As above											
140	145	-	-	-	-	-	As above											
145	150	-	1	-	-	-	As above											
150	155	-	1	-	-	-	As above											
155	160	-	1	-	-	-	As above											
160	165	-	1	-	-	-	As above											
165	170	-	1	-	-	-	As above											
170	175	-	1	-	-	-	As above											
175	180	-	1	-	-	-	As above											
180	185	-	1	-	-	-	As above											
185	190	-	1	-	-	-	As above											
190	195	-	1	-	-	-	As above											
195	200	-	1	-	-	-	As above											
							200ft., End of Hole.											

DRILLED BY \_\_\_\_\_

SIGNED G. Brown

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-51

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 115' STARTED 7/11/81  
 LATITUDE 50165 N DATUM \_\_\_\_\_ COMPLETED 7/11/81  
 DEPARTURE 49970 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 150'  
 ELEVATION 625 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay		Mineral Percentages						LOG	
										W	g	f	bt	ms	ch	gr	others		
10	15	-	-	-	5	-	Quartz-muscovite schist												
15	20	-	-	-	4	-	As above												
20	25	-	-	-	5	-	As above												
25	30	-	1	-	5	-	As above			(ppm)									
30	35	-	1	-	5	1	As above, possible scheelite		5'	700									
35	40	-	1	-	3	1	As above, skarn (?), minor scheelite		5'	200									
40	45	-	1	-	2	-	Quartz-muscovite schist												
45	50	-	1	-	2	-	As above												
50	55	-	1	-	3	-	As above												
55	60	-	1	-	2	-	As above												
60	65	-	1	-	3	-	As above												
65	70	-	1	-	2	-	As above												
70	75	-	1	-	2	-	As above												
75	80	-	1	-	2	-	As above												
80	85	-	1	-	3	-	Quartz-muscovite-graphite schist					35			25		25		
85	90	-	1	-	2	-	As above												
90	95	-	1	-	3	-	As above												
95	100	-	1	-	3	-	As above												
100	105	-	1	-	3	-	As above												
105	110	-	1	-	3	-	As above												
110	115	-	1	-	2	-	As above												

DRILLED BY Tonto Drilling

SIGNED G. Thauer



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-52

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 115' STARTED 7/11/81  
 LATITUDE 50180 N DATUM \_\_\_\_\_ COMPLETED 7/11/81  
 DEPARTURE 49980 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 150'  
 ELEVATION 630 m DIP -90° PROPOSED DEPTH 150'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								pop		
										w	q	f	bt	mech	gr	others				
10	15	-	1	-	-	-	Rusty gravel, quartz and muscovite													
15	20	-	1	-	-	-	As above													
20	25	-	1	-	-	-	As above													
25	30	-	1	-	-	-	As above													
30	35	-	1	-	-	-	As above													
35	40	-	1	-	-	-	Quartz-muscovite schist										35			
40	45	-	1	-	-	-	As above													
45	50	-	1	-	2	-	As above													
50	55	-	1	-	2	-	As above													
55	60	-	1	-	3	-	As above													
60	65	-	1	-	3	-	Quartz-muscovite-biotite-graphite schist										30	10	20	20
65	70	-	1	-	2	-	As above													
70	75	-	1	-	3	-	As above													
75	80	-	1	-	3	-	As above													
80	85	-	1	-	4	-	As above													
85	90	-	1	-	3	-	As above													
90	95	-	1	-	3	-	As above													
95	100	-	1	-	2	-	Quartz-muscovite-biotite-graphite schist												30	
100	105	-	1	-	2	-	As above, increase in graphite													
105	110	-	1	-	2	-	As above													
110	115	-	1	-	2	-	As above												35	

DRILLED BY Tonto Drilling

SIGNED *G. Hanson*





# PERCUSSION DRILL RECORD

Thanksgiving

PROPERTY \_\_\_\_\_ HOLE NO. TP-81-53

SHEET NUMBER 1 of 3 SECTION FROM 10' TO 115' STARTED 8/11/81  
 LATITUDE 50170 N DATUM \_\_\_\_\_ COMPLETED 8/11/81  
 DEPARTURE 49880 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 250'  
 ELEVATION 610 m DIP -90° PROPOSED DEPTH 250'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							Job	
										w	q	f	bt	mach	gr	others		
10	15	-	-	-	5	-	Rusty gravel, quartz-muscovite schist											
15	20	-	-	-	-	-	As above											
20	25	-	-	-	1	-	As above											
25	30	-	-	-	1	-	As above											
30	35	-	1	-	1	-	Quartz-graphite-muscovite schist				35			25	25			
35	40	-	1	-	2	-	As above											
40	45	-	1	-	2	-	As above											
45	50	-	1	-	2	-	As above											
50	55	-	1	-	2	-	As above											
55	60	-	1	-	2	-	As above											
60	65	-	1	-	1	-	As above											
65	70	-	1	-	1	-	As above											
70	75	-	2	-	1	-	As above											
75	80	-	1	-	1	-	As above											
80	85	-	2	-	2	-	As above											
85	90	-	1	-	2	-	As above											
90	95	-	1	-	2	-	As above											
95	100	-	1	-	2	-	As above											
100	105	-	1	-	2	-	As above											
105	110	-	1	-	2	-	As above											
110	115	-	1	-	2	-	As above											

DRILLED BY Tonto Drilling

SIGNED *E. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-53

SHEET NUMBER 2 of 3 SECTION FROM 115' TO 225' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG
										W	q	f	bt	msch	gr	others		
115	120	-	1	-	2	-	As above											
120	125	-	1	-	2	-	As above											
125	130	-	1	-	2	-	As above											
130	135	-	1	-	2	-	Quartz-graphite schist											
135	140	-	1	-	3	-	As above											
140	145	-	1	-	2	-	As above											
150	155	-	1	-	2	-	As above											
155	160	-	1	-	2	-	As above											
160	165	-	2	-	2	-	As above											
165	170	-	1	-	2	-	Quartz-graphite-biotite schist						15		25			
170	175	-	1	-	2	-	As above											
175	180	-	1	-	1	-	As above											
180	185	-	1	-	1	-	As above											
185	190	-	1	-	1	-	Quartz-graphite-biotite schist											
190	195	-	1	-	1	-	As above											
195	200	-	1	-	1	-	As above											
200	205	-	1	-	1	-	As above, higher quartz content present											
205	210	-	1	-	1	-	As above											
210	215	-	1	-	1	-	As above											
215	220	-	1	-	1	-	As above											
220	225	-	1	-	1	-	As above											

DRILLED BY .....

SIGNED G. Johnson



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-54

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 105' STARTED 8/11/81  
 LATITUDE 50296 N DATUM \_\_\_\_\_ COMPLETED 8/11/81  
 DEPARTURE 50015 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 200'  
 ELEVATION 650 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay		Mineral Percentages						log	
										W	q	f	bt	ms	ch	gr	others		
5	10	-	-	-	-	-	Quartz gravel												
10	15	-	-	-	3	-	As above												
15	20	-	-	-	-	-	As above												
20	25	-	-	-	2	-	As above												
25	30	-	-	-	3	-	Quartz-muscovite schist				35			35					
30	35	-	-	-	3	-	As above												
35	40	-	-	-	3	-	As above												
40	45	-	-	-	4	-	Quartz-muscovite schist, weak skarn(?)												
50	55	-	-	-	4	-	As above												
55	60	3	-	-	4	-	Quartz-biotite schist				35		30	10					
60	65	-	-	-	4	-	As above												
65	70	-	-	-	3	-	As above												
70	75	-	-	-	3	-	As above												
75	80	-	-	-	3	-	As above												
80	85	-	-	-	2	-	As above												
85	90	-	-	-	3	-	As above												
90	95	-	-	-	3	-	Quartz-biotite schist, distinctly greener in colour				35		25	20					
95	100	-	-	-	3	-	As above, chlorite less abundant												
100	105	-	-	-	3	-	As above												

DRILLED BY Tonto Drilling

SIGNED G. Thomas

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-54

SHEET NUMBER 2 of 2 SECTION FROM 150' TO 200' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	Assay Mineral Percentages								LOG
										W	q	f	bt	msch	gr	others		
105	110	-	-	-	3	-	As above											
110	115	-	-	-	3	-	As above											
115	120	-	-	-	3	-	As above											
120	125	-	-	-	3	-	As above											
125	130	-	-	-	2	-	Quartz-biotite-muscovite schist						25	20				
130	135	-	-	-	2	-	As above											
135	140	-	-	-	3	-	As above											
140	145	-	-	-	3	-	As above											
145	150	-	-	-	3	-	As above											
150	155	-	-	-	2	-	As above											
155	160	-	-	-	2	-	As above											
160	165	-	1	-	2	-	Quartz-muscovite schist						30	10	25	5	10	
165	170	-	-	-	1	-	As above											
170	175	-	-	-	1	-	As above											
175	180	-	-	-	1	-	As above											
180	185	-	-	-	2	-	As above											
185	190	-	-	-	2	-	As above											
190	195	-	-	-	3	-	As above											
195	200	-	-	-	3	-	As above											
							200ft., End of Hole											

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-55

SHEET NUMBER 1 of 2 SECTION FROM 5' TO 110' STARTED 9/11/81  
 LATITUDE 49820.41 N DATUM \_\_\_\_\_ COMPLETED 9/11/81  
 DEPARTURE 50279.87 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 120'  
 ELEVATION 758.81 m DIP -90° PROPOSED DEPTH 250'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Assay Mineral Percentages							LOG		
										w	q	f	bt	msch	gr	others			
5	10	-	-	-	-	-	Quartz-biotite-muscovite-chlorite schist			30		25	20	5					
10	15	-	-	-	-	-	As above												
15	20	-	-	-	-	-	As above												
20	25	-	-	-	-	-	As above												
25	30	-	-	-	-	-	As above												
30	35	-	-	-	-	-	As above												
35	40	-	-	-	-	-	As above												
40	45	-	-	-	-	-	As above												
45	50	-	-	-	2	-	As above												
50	55	-	-	-	3	-	As above												
55	60	-	-	-	3	-	As above												
60	65	-	-	-	3	-	As above												
65	70	-	-	-	2	-	As above												
70	75	-	-	-	2	-	As above												
75	80	-	-	-	2	-	As above												
80	85	-	-	-	2	-	As above												
85	90	-	-	-	3	-	As above												
90	95	-	-	-	3	-	As above												
95	100	-	-	-	3	-	As above												
100	105	-	-	-	3	-	As above												
105	110	-	-	-	3	-	As above												

DRILLED BY Tonto Drilling

SIGNED *E. Thomas*



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-56

SHEET NUMBER 1 of 2 SECTION FROM 10' TO 110' STARTED 9/11/81

LATITUDE 49915 N DATUM \_\_\_\_\_ COMPLETED 10/11/81

DEPARTURE 50238 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 110'

ELEVATION 740 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay							Total	
										W	q	f	bt	ms	ch	gr		others
10	15	-	-	-	-	-	Quartz-muscovite schist											
15	25	-	-	-	-	-	As above											
25	30	-	-	-	-	-	As above											
30	35	-	-	-	-	-	As above											
35	40	-	-	-	-	-	As above											
40	45	-	-	-	-	-	As above											
45	50	-	-	-	-	-	As above											
50	55	-	-	-	-	-	As above											
55	60	-	-	-	-	-	As above											
60	65	-	-	-	-	-	As above											
65	70	-	-	-	-	-	As above											
70	75	-	-	-	-	-	As above											
75	80	-	-	-	-	-	As above											
80	85	-	-	-	-	-	As above											
85	90	-	-	-	-	-	As above											
90	95	-	-	-	1	-	Very fine silk											
95	100	-	-	-	1	-	As above											
100	105	-	-	-	1	-	As above											
105	110	-	-	-	1	-	As above											
							Loss of circulation at 110ft., samples											

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*





# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-57

SHEET NUMBER 1 of 1 SECTION FROM 5' TO 95' STARTED 10/11/81  
 LATITUDE 49930 N DATUM \_\_\_\_\_ COMPLETED 10/11/81  
 DEPARTURE 50210 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 95'  
 ELEVATION 725 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay	Mineral Percentages								TOT
										w	q	f	bt	ms	ch	gr	others		
5	10	-	-	-	-	-	Rusty quartz-muscovite schist/gravel												
10	15	-	-	-	1	-	As above												
15	20	-	-	-	1	-	As above												
20	25	-	-	-	1	-	As above												
25	30	-	-	-	1	-	As above												
30	35	-	-	-	1	-	As above												
35	40	-	-	-	1	-	As above												
40	45	-	-	-	1	-	As above												
45	50	-	-	-	1	-	As above												
50	55	-	-	-	1	-	As above												
55	60	-	-	-	1	-	As above												
60	65	-	-	-	1	-	As above												
65	70	-	-	-	2	-	As above												
70	75	-	-	-	2	-	As above												
75	80	-	-	-	3	-	As above												
80	85	-	-	-	3	-	As above												
85	90	-	-	-	2	-	As above												
90	95	-	-	-	1	-	As above												
							95ft., circulation lost, hole abandoned.												
							95ft., End of Hole.												

DRILLED BY Tonto Drilling

SIGNED *L. Johnson*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-58

SHEET NUMBER 1 of 3 SECTION FROM 10' TO 115' STARTED 10/11/81  
 LATITUDE 49814.51 N DATUM \_\_\_\_\_ COMPLETED 11/11/81  
 DEPARTURE 50160.56 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 245'  
 ELEVATION 724.84 m DIP -90° PROPOSED DEPTH 250'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay								GOL	
										W	q	f	bt	mech	gr	others			
10	15	-	-	-	-	-	Quartz-muscovite-biotite schist				30		20	25					
15	20	-	-	-	-	-	As above												
20	25	-	-	-	-	-	As above												
25	30	-	-	-	-	-	As above												
30	35	-	-	-	2	-	As above												
35	40	-	-	-	3	-	As above												
40	45	-	-	-	3	-	As above												
45	50	-	-	-	2	-	As above												
50	55	-	-	-	3	-	As above												
55	60	-	-	-	3	-	As above												
60	65	-	-	-	3	-	As above												
65	70	-	-	-	3	-	As above												
70	75	-	-	-	4	-	As above												
75	80	-	-	-	4	-	As above												
80	85	-	-	-	4	-	As above												
85	90	-	-	-	4	-	As above												
90	95	-	-	-	3	-	As above												
95	100	-	-	-	3	-	As above												
100	105	-	-	-	3	-	As above												
105	110	-	-	-	3	-	As above												
110	115	-	-	-	4	-	As above												

DRILLED BY Tonto Drilling

SIGNED *G. Thomas*

# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-58

SHEET NUMBER 2 of 3 SECTION FROM 115' TO 220' STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay							Log
										W	q	f	bt	mach	gr	others	
115	120	-	-	-	4	-	As above - possible weak skarn?										
120	125	-	-	-	4	-	As above										
125	130	-	-	-	4	-	As above										
130	135	-	-	-	3	-	As above										
135	140	-	-	-	3	-	As above										
140	145	-	-	-	3	-	As above										
145	150	-	-	-	3	-	As above										
150	155	-	-	-	3	-	As above										
155	160	-	-	-	4	-	As above										
160	165	-	-	-	3	-	As above										
165	170	-	-	-	3	-	As above										
170	175	-	-	-	2	-	Quartz-muscovite-graphite schist				30		5	25		10	
175	180	-	-	-	2	-	As above										
180	185	-	-	-	2	-	As above										
185	190	-	-	-	2	-	As above										
190	195	-	-	-	3	-	As above										
195	200	-	-	-	2	-	As above										
200	205	-	-	-	3	-	As above										
205	210	-	-	-	2	-	As above										
210	215	-	-	-	2	-	As above										
215	220	-	-	-	2	-	As above										

DRILLED BY Tonto Drilling

SIGNED *G. Hanson*



# PERCUSSION DRILL RECORD

PROPERTY Thanksgiving HOLE NO. TP-81-59

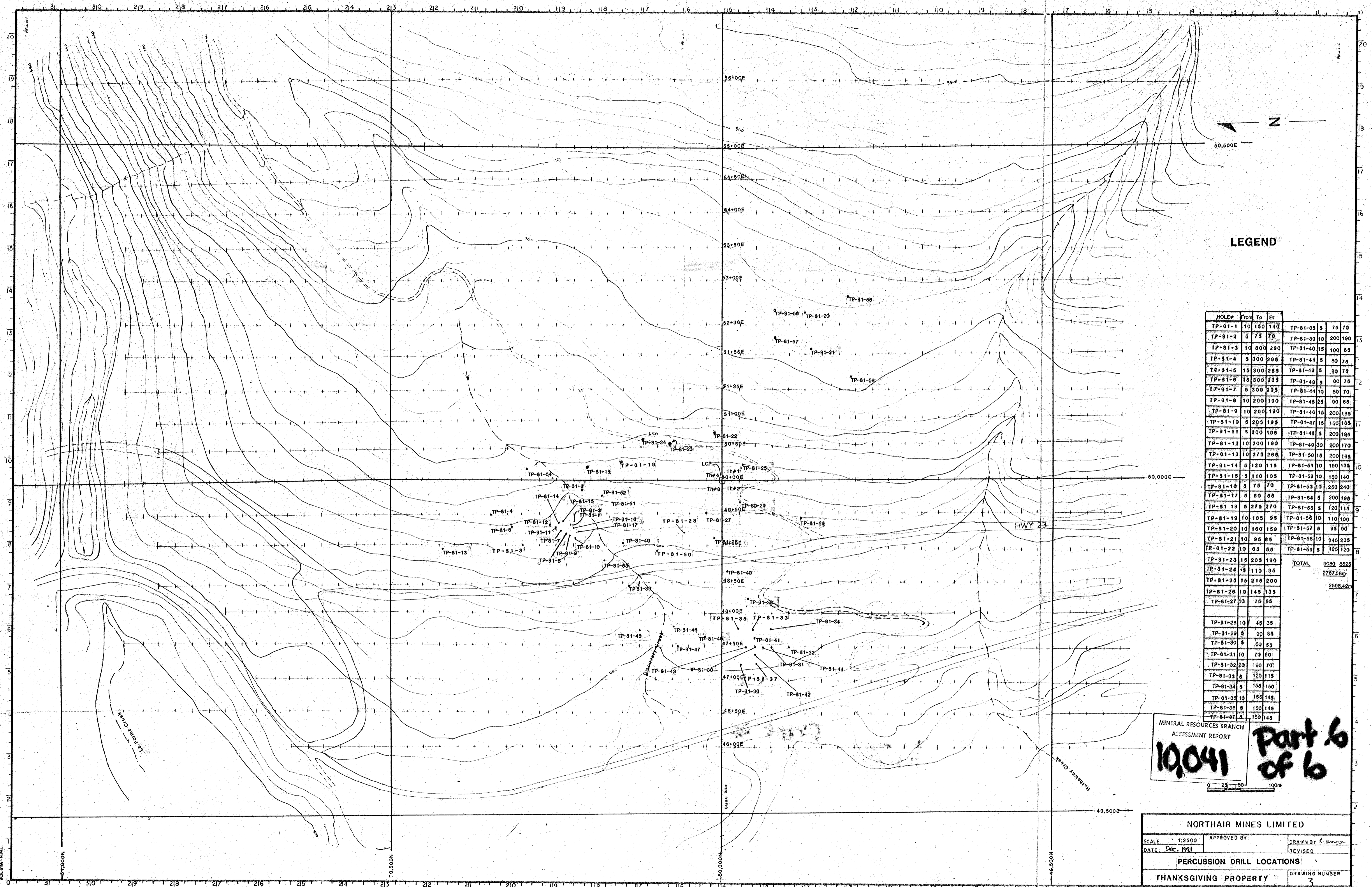
SHEET NUMBER 1 of 2 SECTION FROM 5' TO 110' STARTED 11/11/81  
 LATITUDE 49880 N DATUM \_\_\_\_\_ COMPLETED 11/11/81  
 DEPARTURE 49945 E BEARING \_\_\_\_\_ ULTIMATE DEPTH 125'  
 ELEVATION 630 m DIP -90° PROPOSED DEPTH 200'

from	to	QV	py	po	Eff	Fluor	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Assay	Mineral Percentages							Total	
										W	q	f	bt	mc	ch	gr	others		
5	10	-	-	-	-	-	Porphyritic quartz-monzonite												
10	15	-	-	-	-	-	Porphyritic QM(feldspar porphyry ) as above												
15	20	-	-	-	-	-	As above												
20	25	-	-	-	-	-	As above												
25	30	-	-	-	-	-	As above												
30	35	-	-	-	-	-	As above												
35	40	-	-	-	-	-	As above												
40	45	-	-	-	-	-	As above												
45	50	-	-	-	2	-	As above												
50	55	-	-	-	3	-	As above												
55	60	-	-	-	4	-	Calcareous quartz-biotite schist												
60	65	-	-	-	5	-	As above												
65	70	-	-	-	4	-	As above												
70	75	-	-	-	5	-	As above												
75	80	-	-	-	5	-	As above												
80	85	-	-	-	5	-	As above												
85	90	-	-	-	5	-	As above												
90	95	-	-	-	5	-	As above												
95	100	-	-	-	5	-	As above												
100	105	-	-	-	5	-	As above												
105	110	-	-	-	5	-	As above												

DRILLED BY Tonto Drilling

SIGNED *[Signature]*





**LEGEND**

HOLE#	From	To	Et				
TP-81-1	10	150	140	TP-81-38	5	75	70
TP-81-2	5	75	70	TP-81-39	10	200	190
TP-81-3	10	300	290	TP-81-40	15	100	88
TP-81-4	5	300	295	TP-81-41	5	80	75
TP-81-5	15	300	285	TP-81-42	5	80	75
TP-81-6	15	300	285	TP-81-43	5	80	75
TP-81-7	5	300	295	TP-81-44	10	80	70
TP-81-8	10	200	190	TP-81-45	25	90	85
TP-81-9	10	200	190	TP-81-46	15	200	185
TP-81-10	5	200	195	TP-81-47	15	150	135
TP-81-11	5	200	195	TP-81-48	5	200	195
TP-81-12	10	200	190	TP-81-49	30	200	170
TP-81-13	10	275	285	TP-81-50	15	200	185
TP-81-14	5	120	115	TP-81-51	10	150	135
TP-81-15	5	110	105	TP-81-52	10	150	140
TP-81-16	5	75	70	TP-81-53	10	250	240
TP-81-17	5	80	85	TP-81-54	5	200	185
TP-81-18	5	275	270	TP-81-55	5	120	115
TP-81-19	10	105	95	TP-81-56	10	110	100
TP-81-20	10	180	150	TP-81-57	5	95	90
TP-81-21	10	95	95	TP-81-58	10	245	235
TP-81-22	10	85	85	TP-81-59	5	125	120
TP-81-23	15	205	190				
TP-81-24	5	110	95	<b>TOTAL</b>		<b>9080</b>	<b>8525</b>
TP-81-25	15	215	200			<b>2767.58m</b>	
TP-81-26	10	145	135				<b>2598.42m</b>
TP-81-27	10	75	65				
TP-81-28	10	45	35				
TP-81-29	5	90	85				
TP-81-30	5	80	65				
TP-81-31	10	70	60				
TP-81-32	20	90	70				
TP-81-33	5	120	115				
TP-81-34	5	155	150				
TP-81-35	10	155	145				
TP-81-36	5	150	145				
TP-81-37	5	150	145				

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**10,041** Part 6 of 6

**NORTHAIR MINES LIMITED**

SCALE 1:2500 APPROVED BY \_\_\_\_\_ DRAWN BY C. W. W. \_\_\_\_\_  
DATE Dec. 1991 REVISED \_\_\_\_\_

**PERCUSSION DRILL LOCATIONS**

**THANKSGIVING PROPERTY** DRAWING NUMBER **3**