

LOG NO:	NOV 30 1992	RD.
ACTION:		
FILE NO:		

**MAPS TO ACCOMPANY THE  
REPORT ON THE GEOLOGY, GEOPHYSICS, GEOCHEMISTRY AND  
DRILLING ON THE BEND PROPERTY**

**SUB-RECORDER  
RECEIVED**  
**NOV 20 1992**  
M.R. # ..... \$ .....  
VANCOUVER B.C.

Golden Mining Division  
NTS 83 D/1 & 82M/16  
Lat: 52°02' Long: 118°14'

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

Owner: Cominco Ltd.  
700 - 409 Granville Street  
Vancouver, B.C.  
V6C 1T2

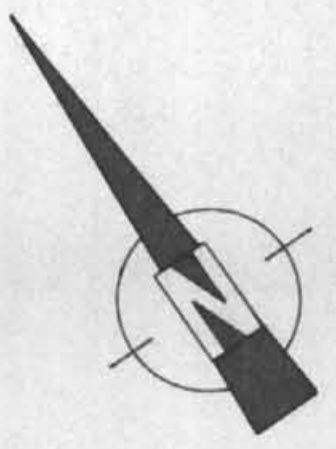
Operator: Teck Exploration Ltd.  
350-272 Victoria St.,  
Kamloops, B.C.  
V2C 2A2

**22,635**

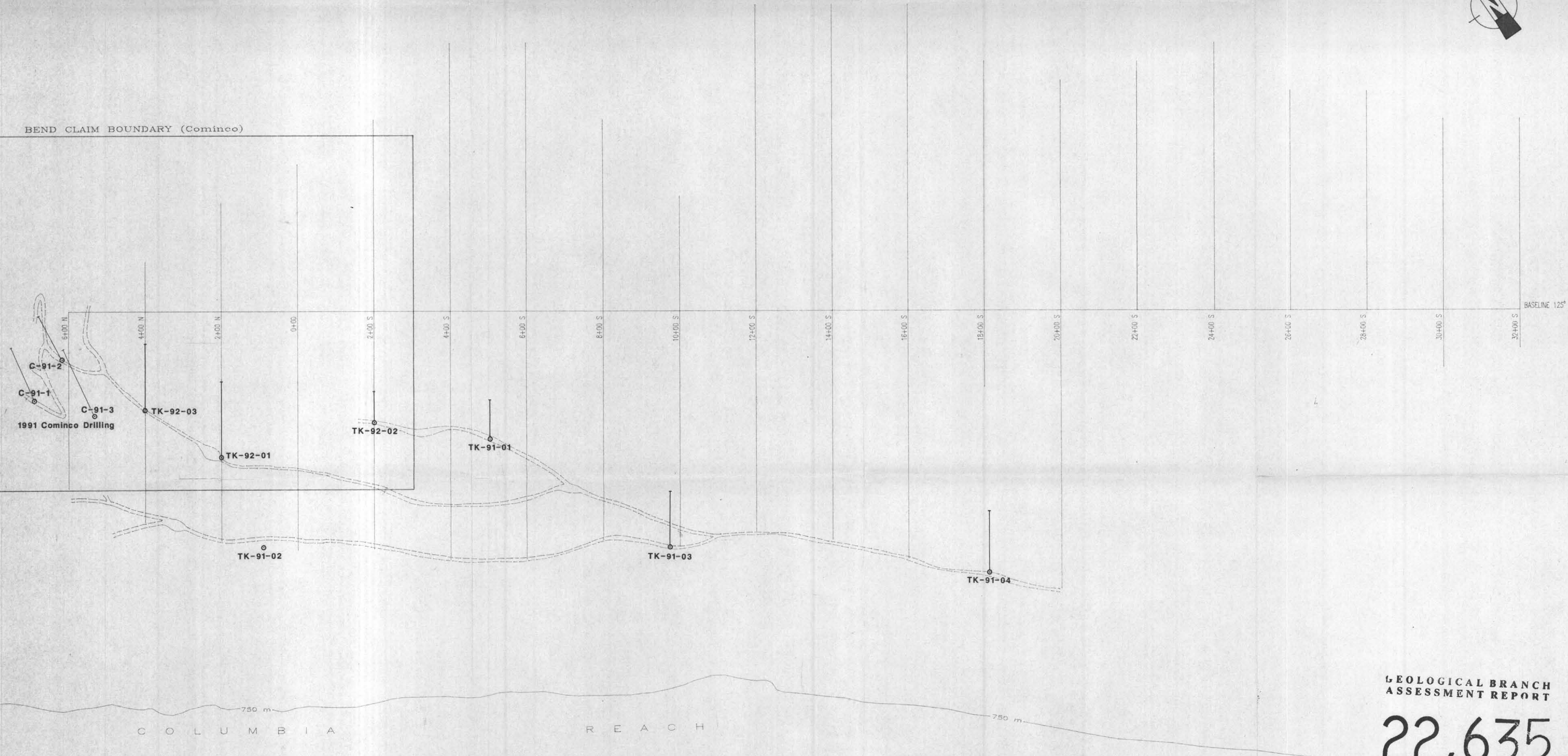
**PART 2 OF 2**

Craig Alford  
Greg Thomson





BEND CLAIM BOUNDARY (Cominco)



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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PART 2 OF 2 Figure 2a

TECK EXPLORATION LTD.

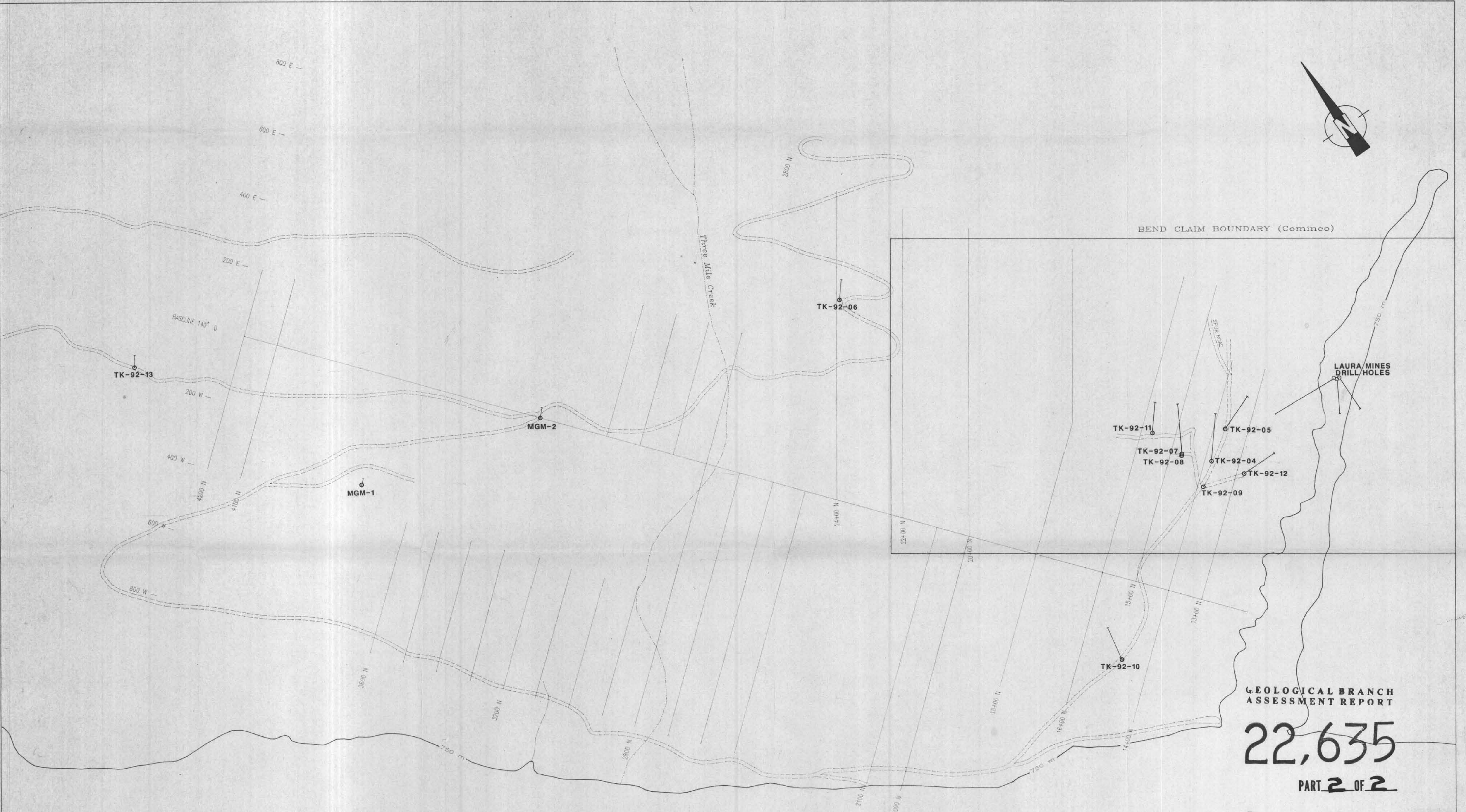
BEND PROJECT

DRILL HOLE  
LOCATION MAP



DATE DRAWN: OCT. 30, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: C.A.	JOB No: 1703	
DRAWN BY: S.A.	NTS No: 830/1	





BEND CLAIM BOUNDARY (Cominco)

Three Mile Creek

LAURA MINES DRILL HOLES

GEOLOGICAL BRANCH ASSESSMENT REPORT

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C O L U M B I A R E A C H

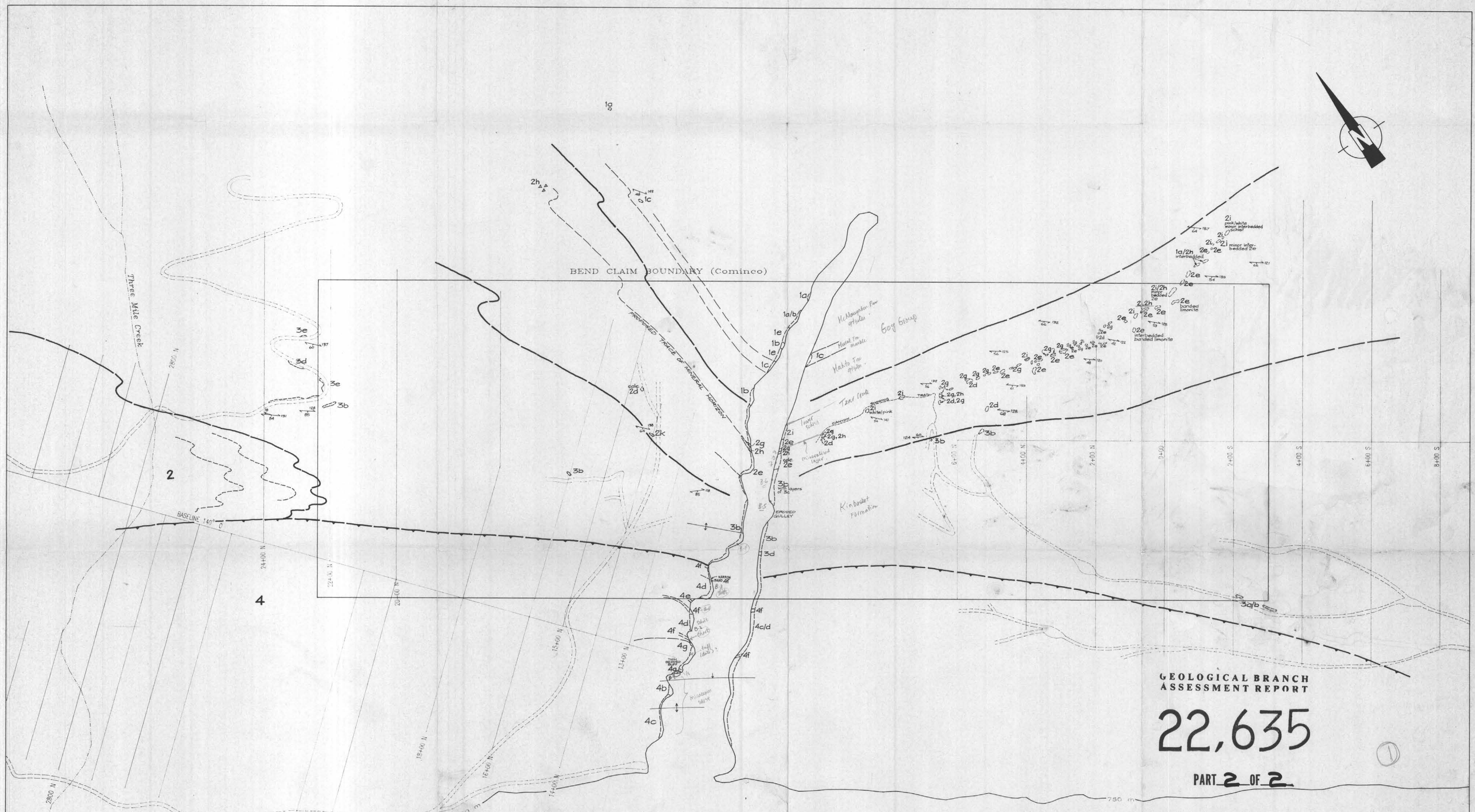
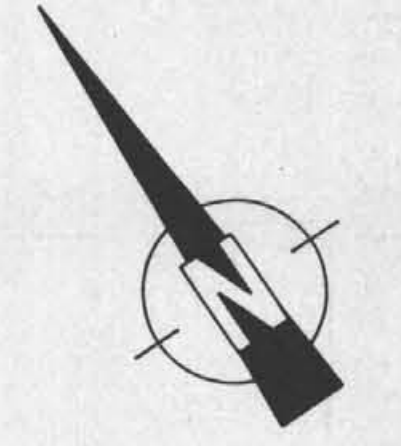
Figure 2b

TECK EXPLORATION LTD.  
 BEND PROJECT  
**DRILL HOLE LOCATION MAP**

DATE DRAWN: OCT. 5, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1703	
DRAWN BY: S.A.	NTS No: 830/1	

NOTE: MGM-1 & MGM-2 DRILLED BY ESSO MINERALS (1985)  
LAURA MINES HOLES DRILLED IN 1970 PRE COLUMBIA RIVER FLOODING





GEOLOGICAL BRANCH  
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C O L U M B I A R E A C H

**LEGEND**

<b>Gog Group</b>	<b>Unnamed Formation</b>
a. quartzite	4. limestone
b. micaceous quartzite	5. mica schist
c. marble	6. garnet - mica
d. quartzofeldspathic schist to gneiss	7. garnet - staurolite - mica schist
e. calc. schist	8. quartzofeldspathic schist
f. chert	9. turf
<b>Tsar Creek Formation</b>	
1. greywacke (turbiditic)	
2. argillite	
3. sericite schist	
4. mica schist	
5. garnet - mica schist	
6. garnet - staurolite schist	
7. hornblende	
8. quartz - sericite schist	
9. micaceous sericite schist	
10. micaceous limestone	
11. garnet cordierite schist	
12. chert	
<b>Kinbasket Formation</b>	
1. limestone	
2. micaceous limestone	
3. garnetiferous limestone	
4. grey banded limestone (graphitic)	
5. calc. interbed	
6. hornblende	
7. cordierite limestone	

**Figure 3**

**TECK EXPLORATION LTD.**

**BEND PROJECT**

**PROPERTY GEOLOGY**

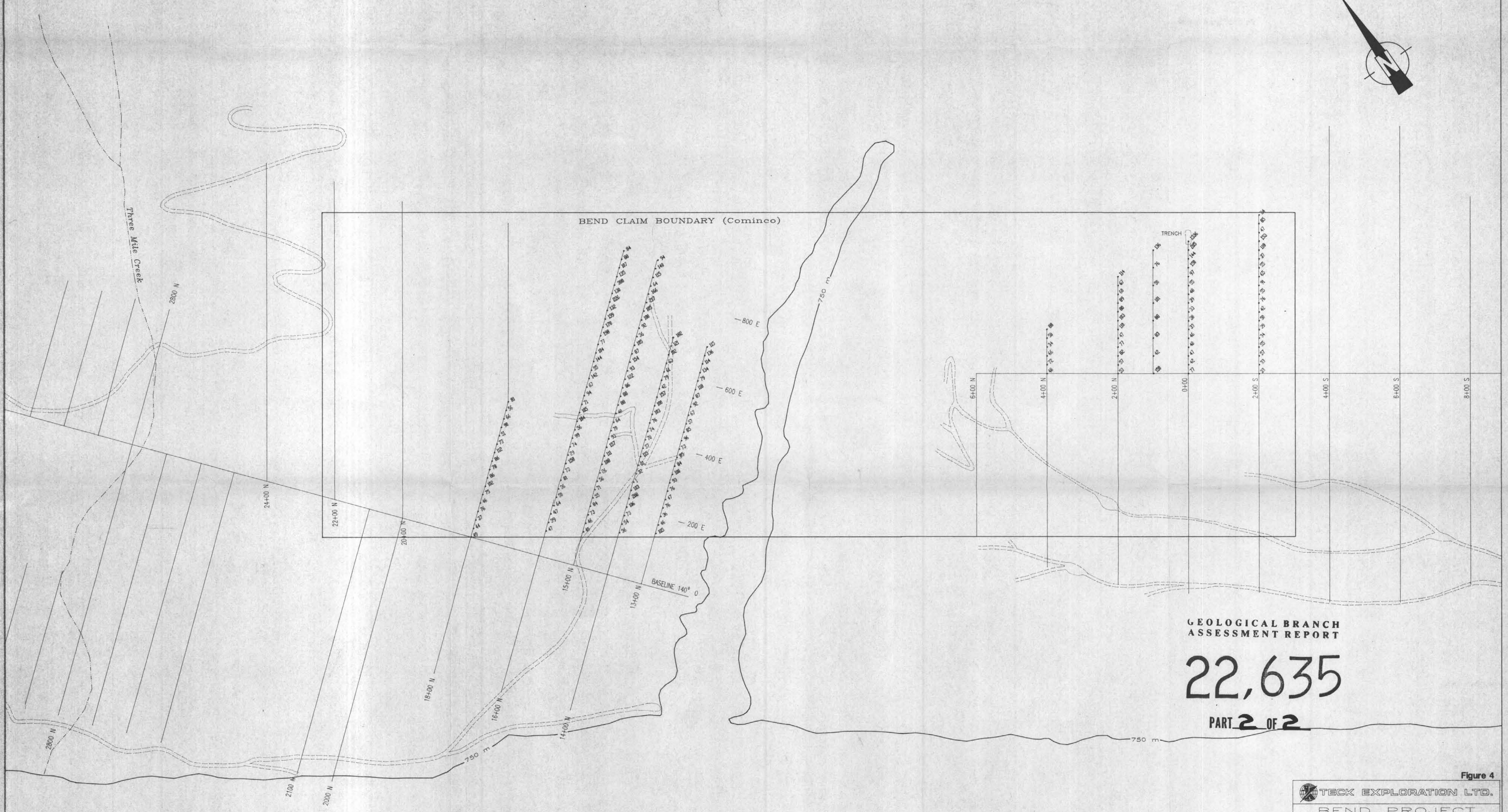
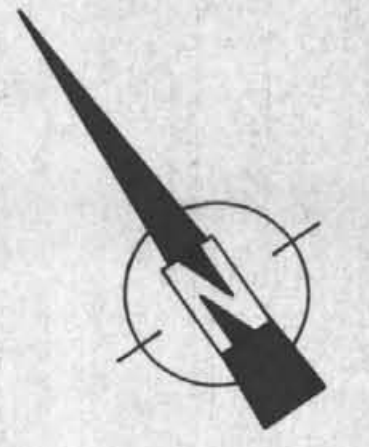
0 100 200 300 400 500 metres

DATE DRAWN: OCT. 9, 1992      SCALE: 1:5,000      DWG. NAME:

COMPILED BY: G.T., C.A.      JOB No: 1723

DRAWN BY: S.A.      NTS No: 830/1





GEOLOGICAL BRANCH  
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C O L U M B I A R E A C H

KEY for Colour Ranges  
0 - 34 ppm  
35 - 74 ppm  
75 - 149 ppm  
> 149 ppm

Figure 4

**TECK EXPLORATION LTD.**

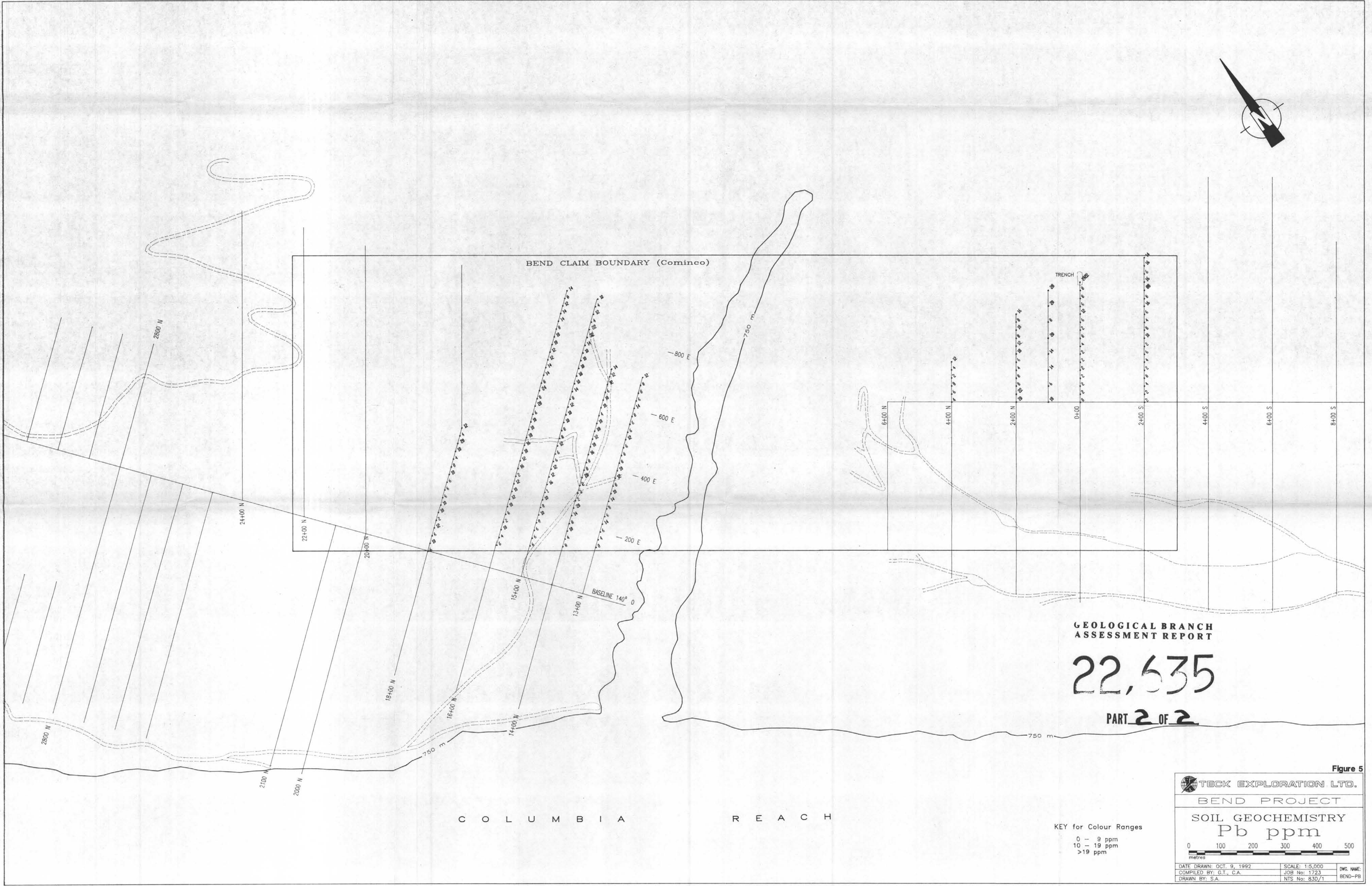
BEND PROJECT

**SOIL GEOCHEMISTRY**  
**Zn ppm**

0 100 200 300 400 500  
metres

DATE DRAWN: OCT. 9, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	BEND-ZN
DRAWN BY: S.A.	NTS No: 830/1	





BEND CLAIM BOUNDARY (Cominco)

GEOLOGICAL BRANCH  
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C O L U M B I A R E A C H

KEY for Colour Ranges

- 0 - 9 ppm
- 10 - 19 ppm
- >19 ppm

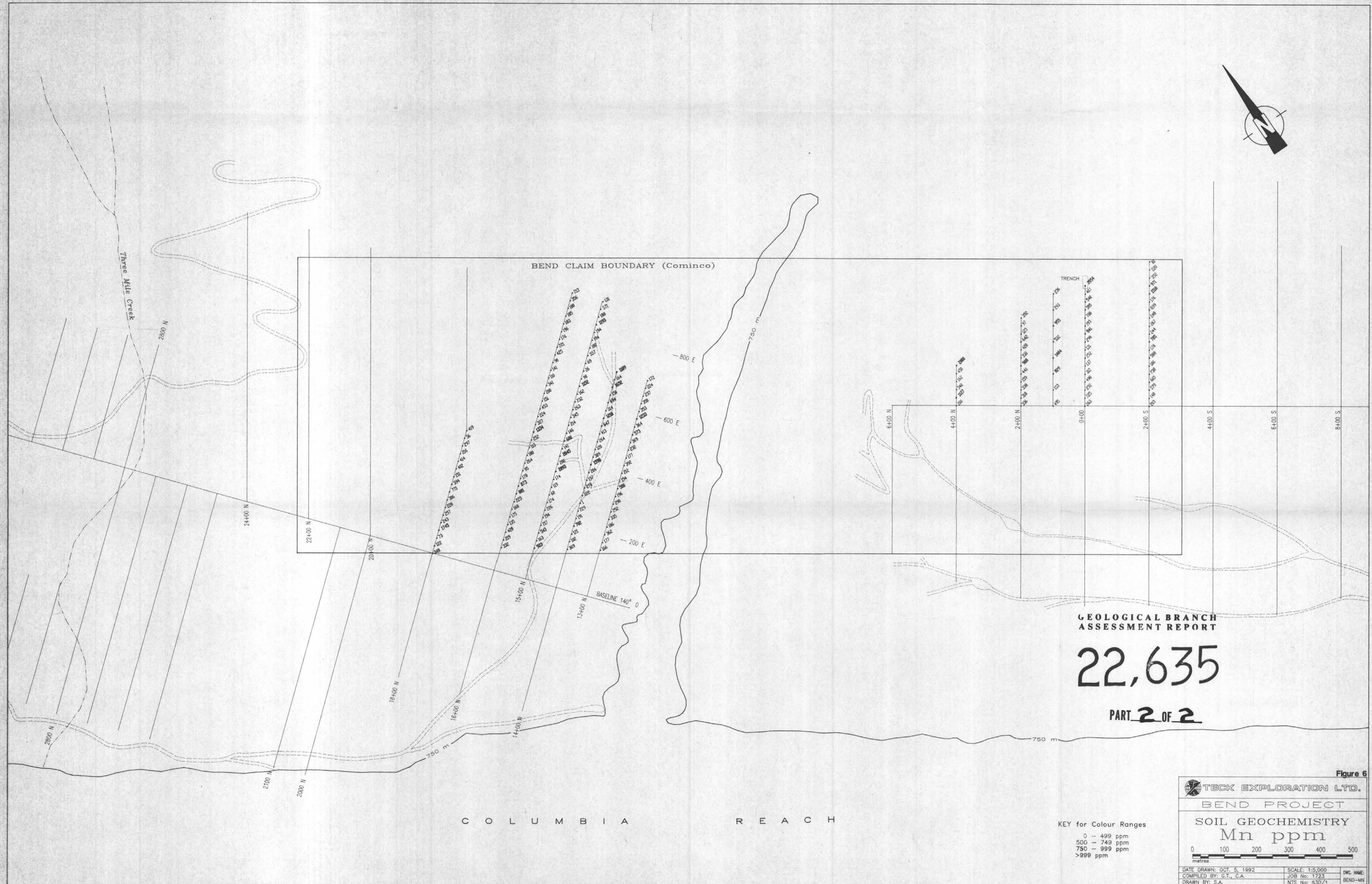
TECK EXPLORATION LTD.  
BEND PROJECT  
SOIL GEOCHEMISTRY  
Pb ppm

0 100 200 300 400 500  
metres

DATE DRAWN: OCT. 9, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	BEND-PB
DRAWN BY: S.A.	NTS No: 830/1	

Figure 5





GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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Figure 6

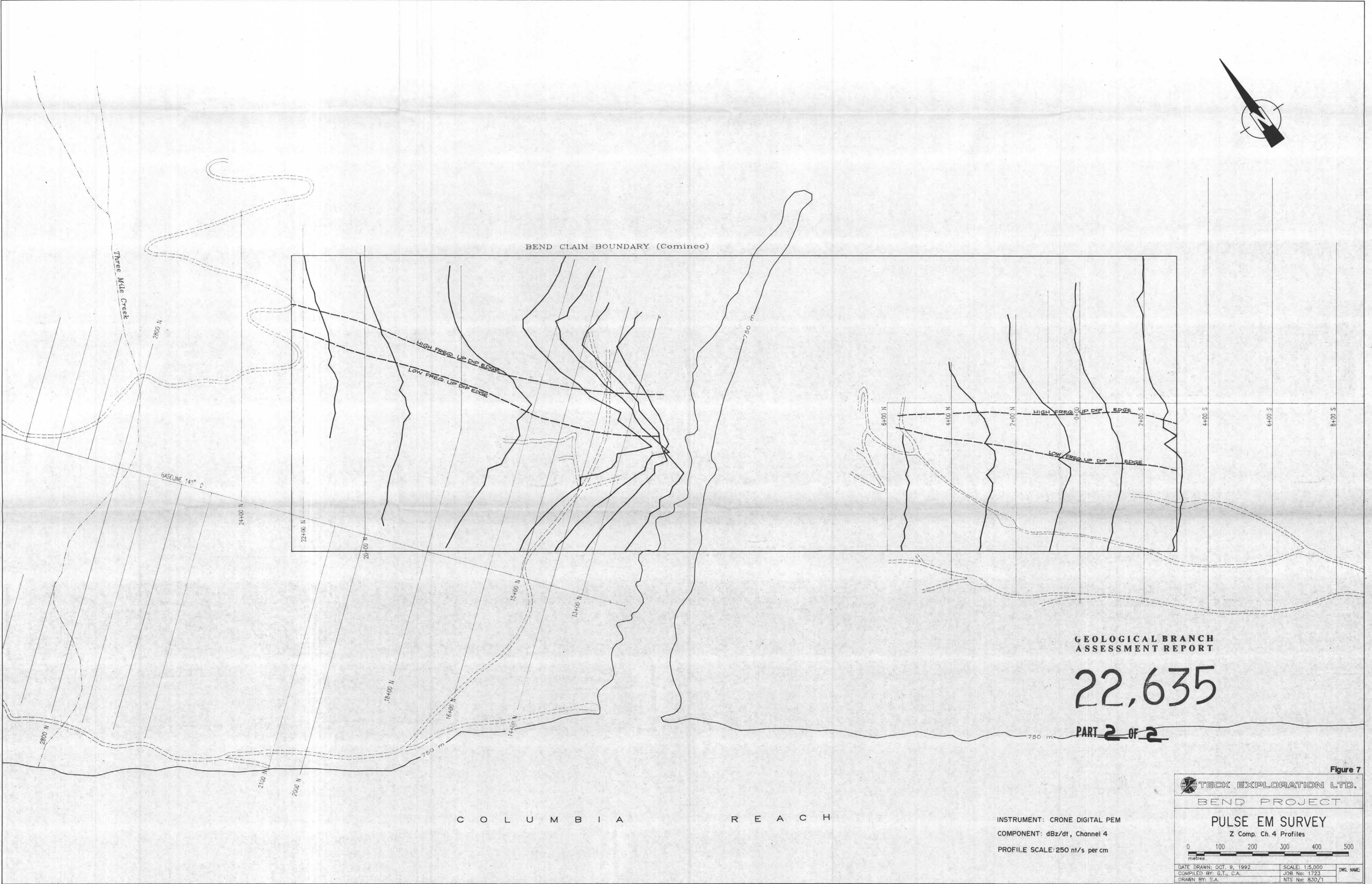
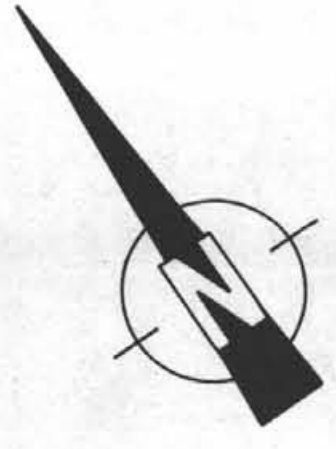
TECK EXPLORATION LTD.		
BEND PROJECT		
SOIL GEOCHEMISTRY		
Mn ppm		
0 100 200 300 400 500 metres		
DATE DRAWN: OCT. 5, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	BEND-MN
DRAWN BY: S.A.	NTS No: 830/1	

KEY for Colour Ranges

- 0 - 499 ppm
- 500 - 749 ppm
- 750 - 999 ppm
- >999 ppm

C O L U M B I A R E A C H





GEOLOGICAL BRANCH  
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C O L U M B I A R E A C H

INSTRUMENT: CRONE DIGITAL PEM  
COMPONENT: dBz/dt, Channel 4  
PROFILE SCALE: 250 nt/s per cm

Figure 7

TECK EXPLORATION LTD.  
BEND PROJECT

**PULSE EM SURVEY**  
Z Comp. Ch. 4 Profiles

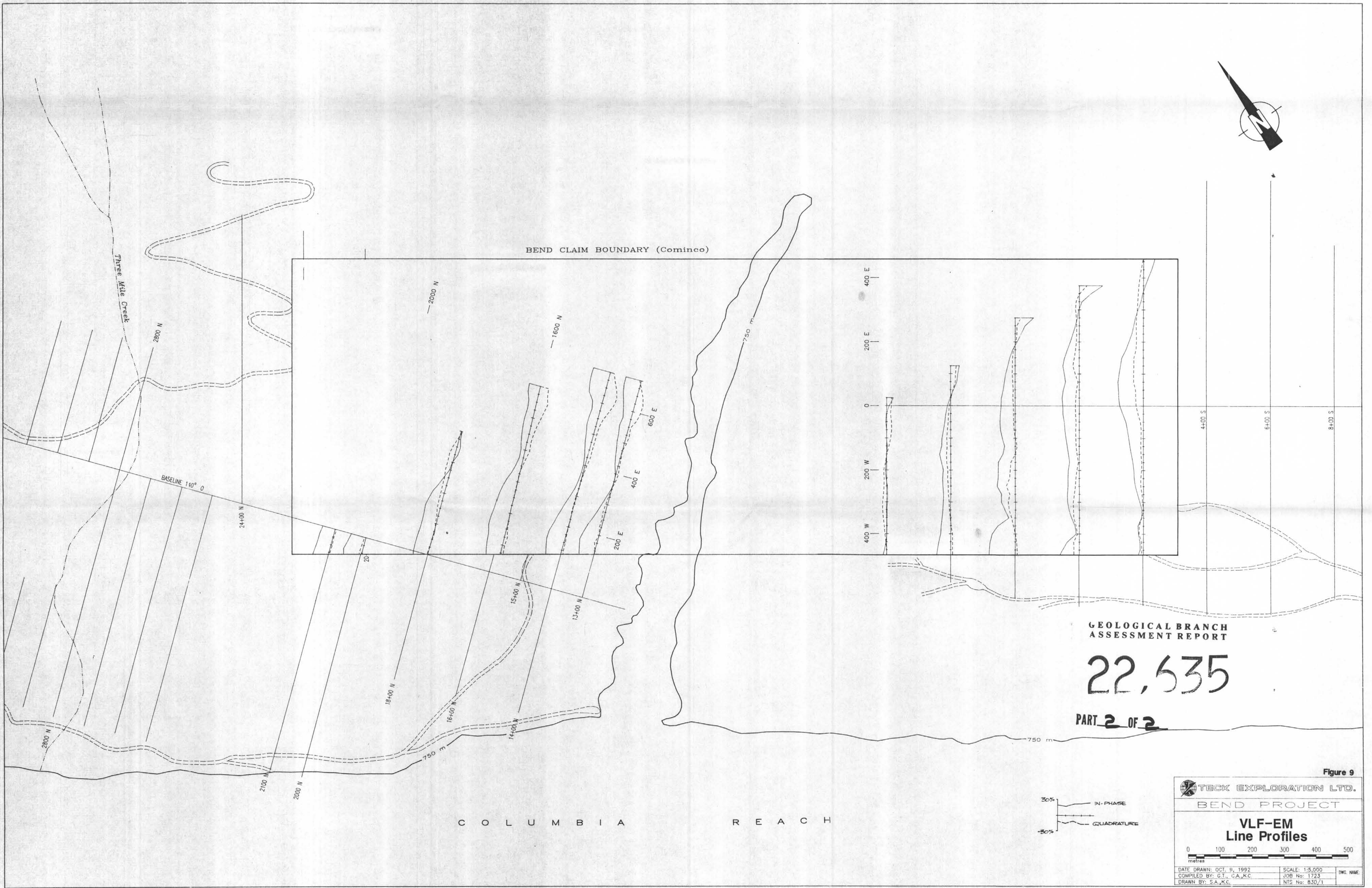
0 100 200 300 400 500  
metres

DATE DRAWN: OCT. 9, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	
DRAWN BY: S.A.	NTS No: 830/1	









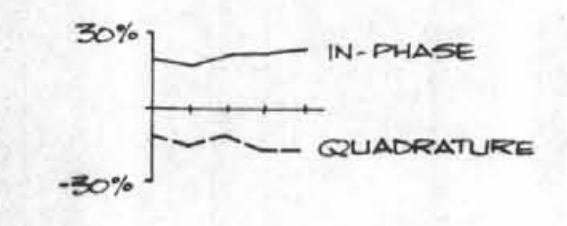
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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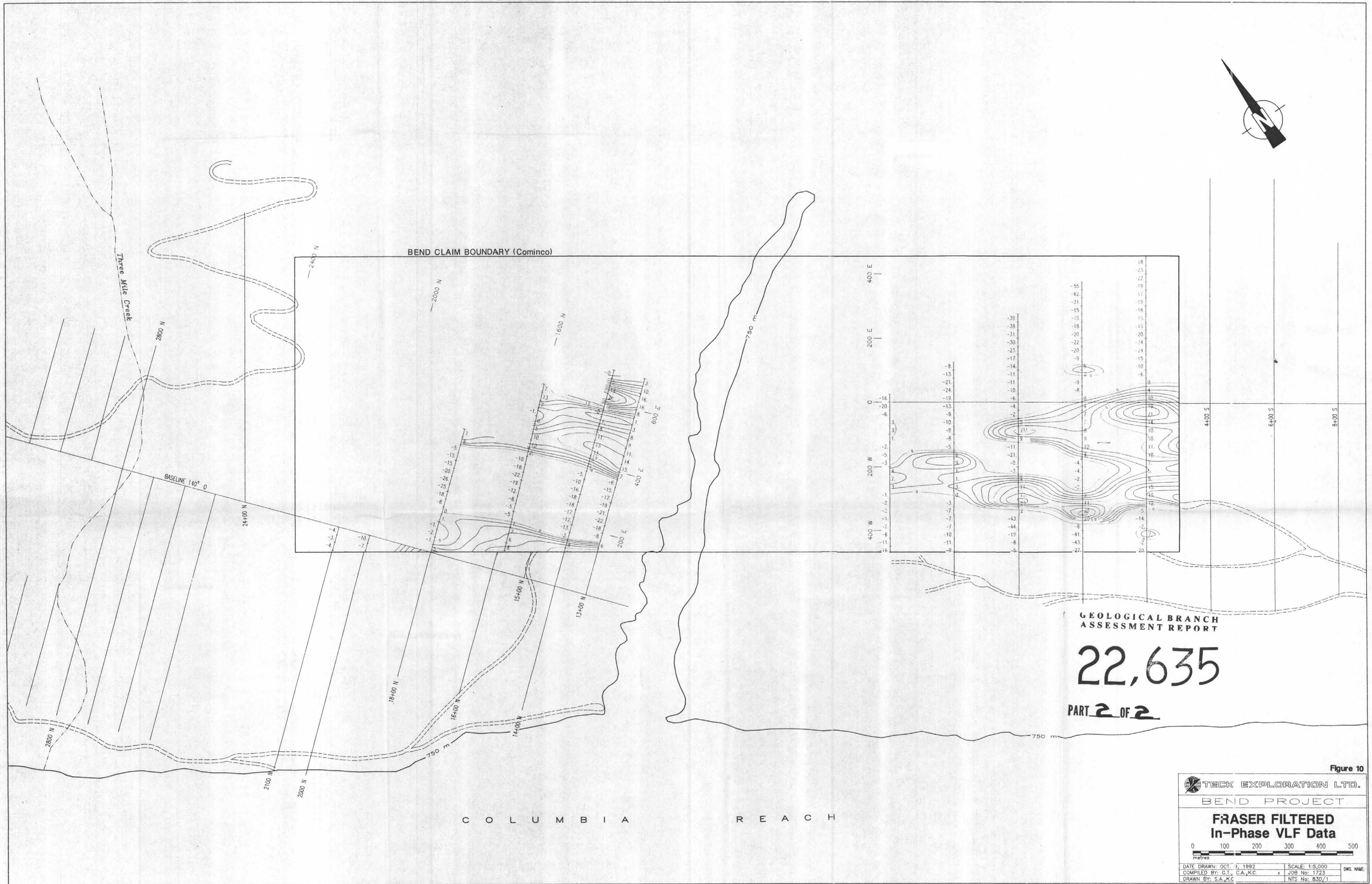
PART 2 OF 2

Figure 9

TECK EXPLORATION LTD.		
BEND PROJECT		
<b>VLF-EM Line Profiles</b>		
0 100 200 300 400 500 metres		
DATE DRAWN: OCT. 8, 1992	SCALE: 1:5,000	DWG. NAME:
COMPILED BY: G.T., C.A., K.C.	JOB No: 1723	
DRAWN BY: S.A., K.C.	NTS No: 830/1	







GEOLOGICAL BRANCH  
ASSESSMENT REPORT

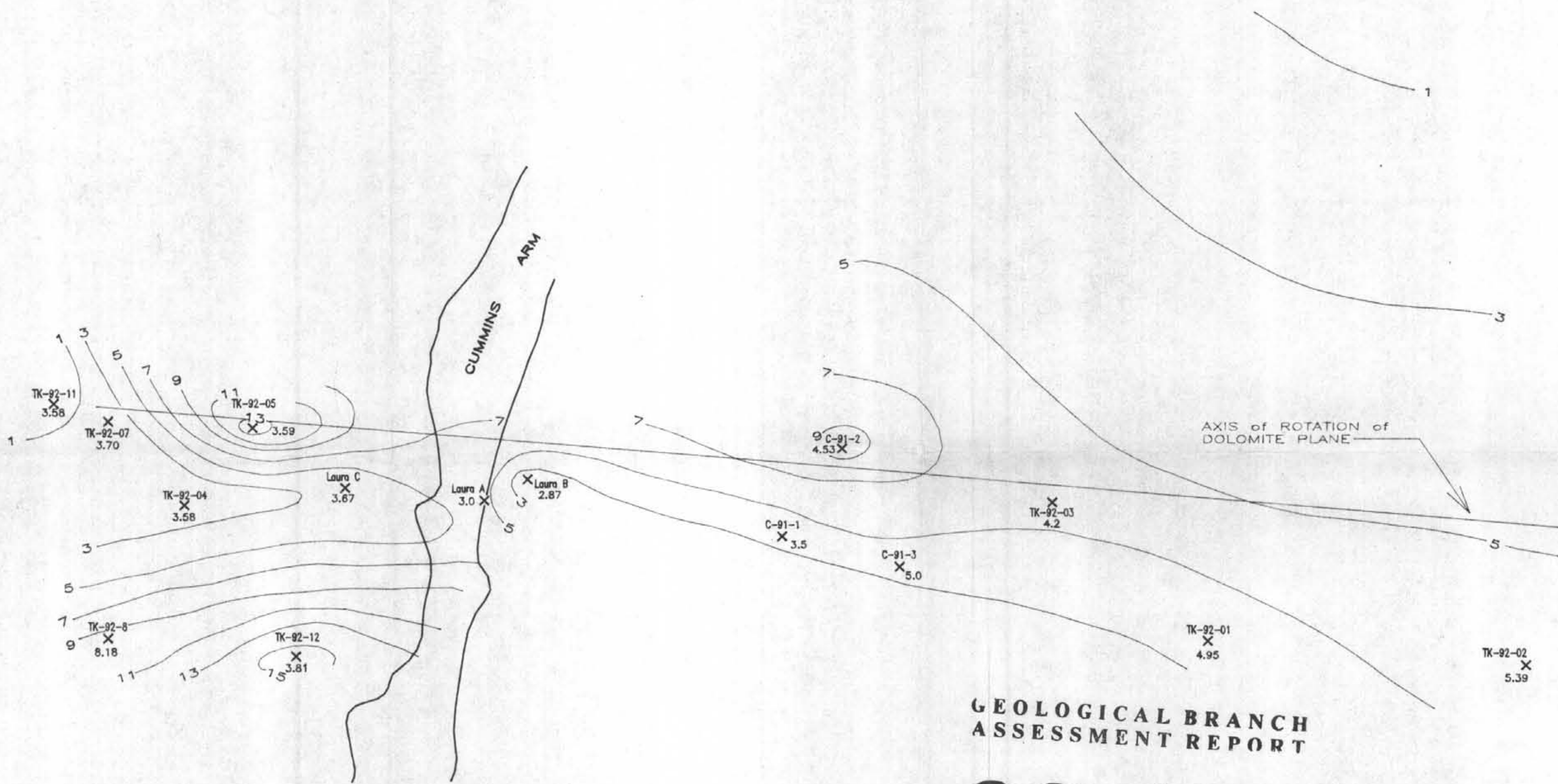
**22,635**

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Figure 10

<b>TECK EXPLORATION LTD.</b>		
<b>BEND PROJECT</b>		
<b>FRASER FILTERED In-Phase VLF Data</b>		
<small>DATE DRAWN: OCT. 9, 1992</small>	<small>SCALE: 1:5,000</small>	<small>DWG. NAME:</small>
<small>COMPILED BY: G.L., C.A., K.C.</small>	<small>JOB No: 1723</small>	
<small>DRAWN BY: S.A., K.C.</small>	<small>NTS No: 830/1</small>	





GEOLOGICAL BRANCH  
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Figure 11

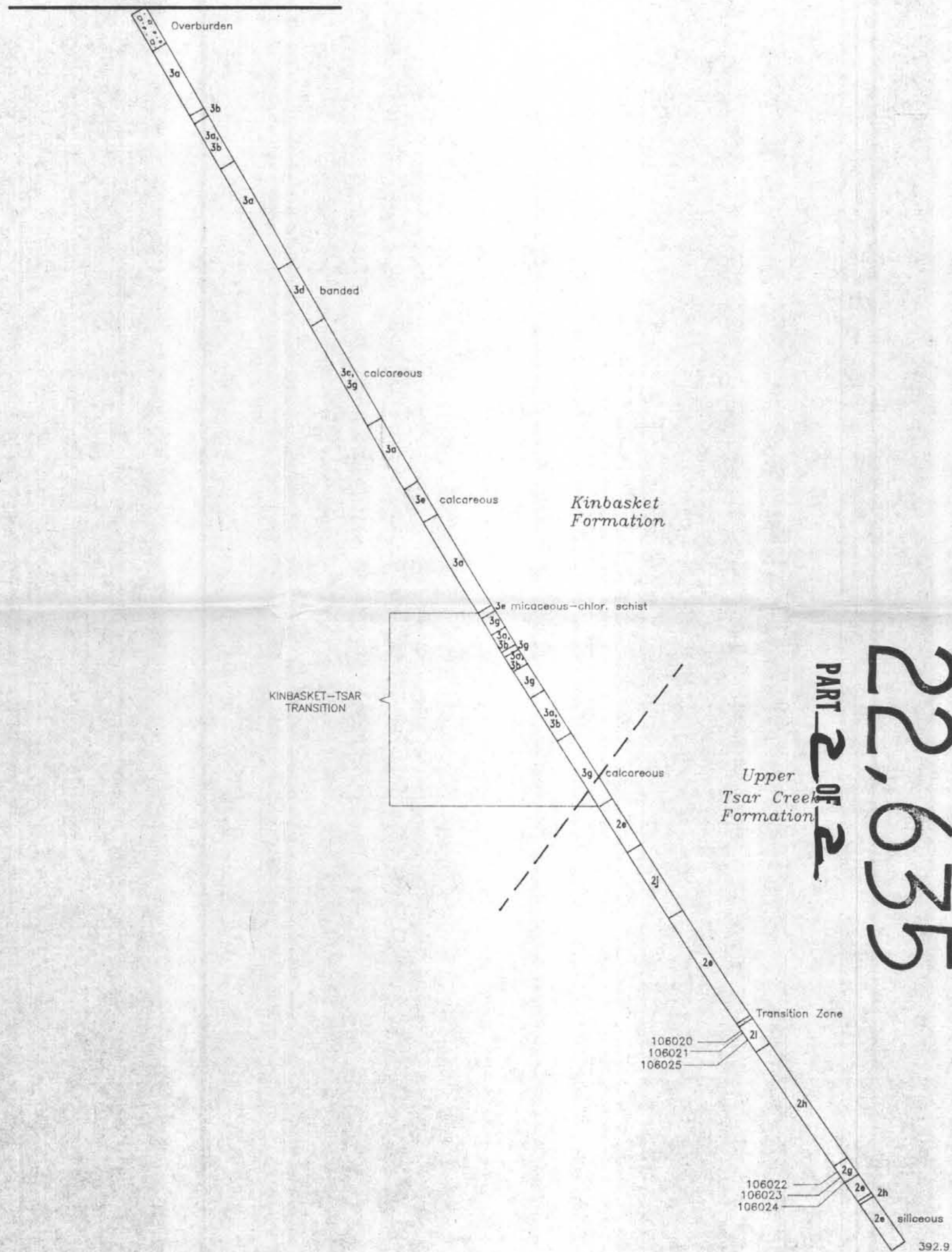
LEGEND

- 9.....THICKNESS CONTOUR (metres)  
 C-91-2.....HOLE No.  
 X.....INTERCEPT  
 4.53..... $\frac{Zn}{Pb}$  RATIO

TECK EXPLORATION LTD.		
BEND PROJECT		
DOLOMITE HORIZON ISOPACH MAP		
0 100 200 300 400 500 metres		
DATE DRAWN: NOV. 13, 1992	SCALE: 1: 5,000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MGM-BISO
DRAWN BY: S.A.	NTS No: 83D/1	



TK-92-01  
1005 m



LEGEND.

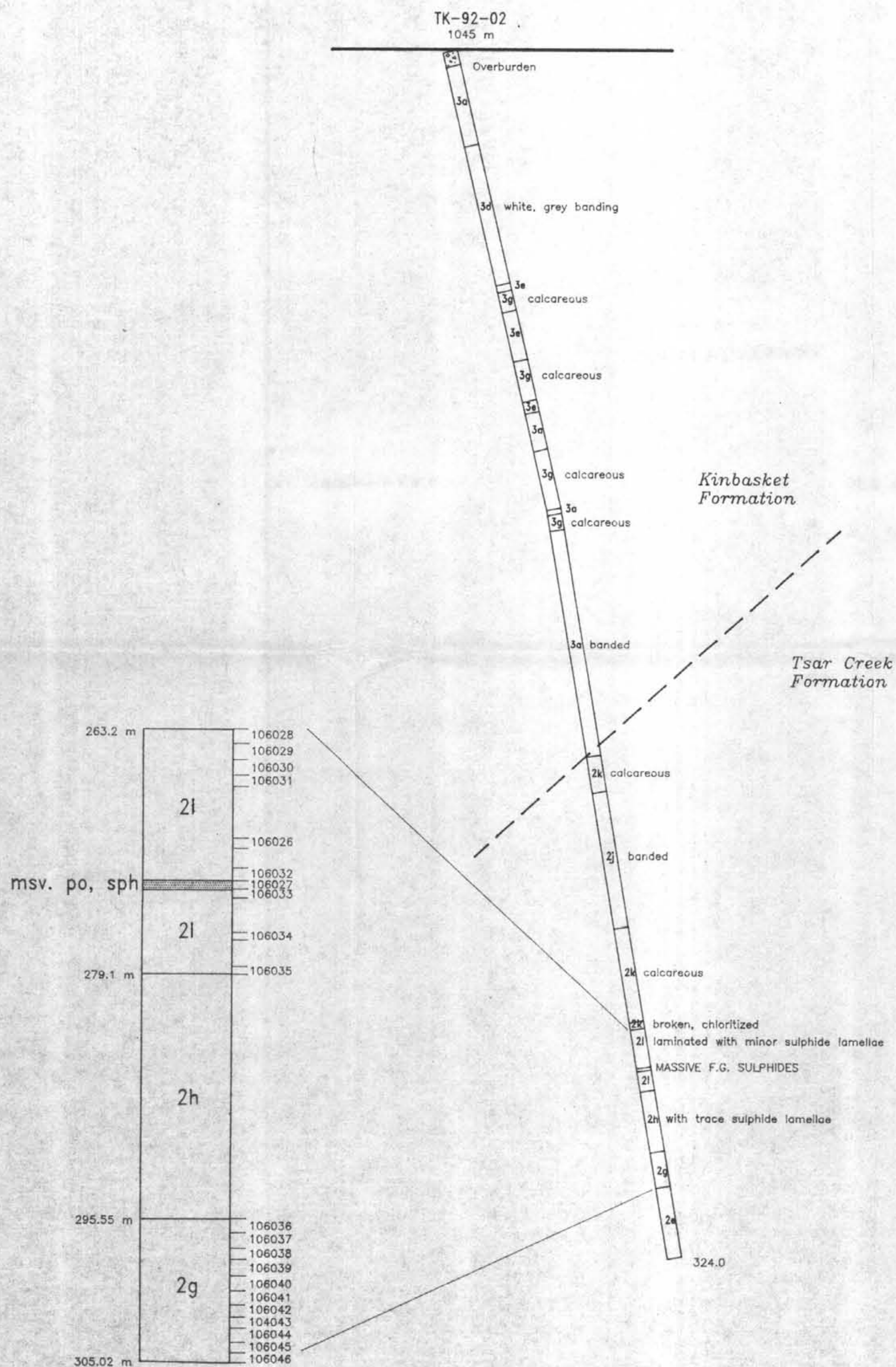
22,635  
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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

- Gog Group**
- 1 a. Quartzite
  - b. micaceous quartzite
  - c. marble
  - d. quartzofeldspathic schist to Psammite
  - e. pelitic interbed
- Tsar Creek Formation**
- 2 a. greywacke (turbiditic)
  - b. argillite
  - c. sericite schist
  - d. mica schist
  - e. garnet - mica schist
  - f. garnet - staurolite schist
  - g. dolomite
  - h. Quartz - sericite schist
  - i. siliceous sericitic pelitic schist
  - j. micaceous limestone
  - k. garnet cordierite schist
  - l. chert
- Kinbasket Formation**
- 3 a. limestone
  - b. micaceous limestone
  - c. garnetiferous limestone
  - d. grey banded limestone (graphitic)
  - e. pelitic interbed
  - f. hornblende
  - g. cordierite limestone
- Unnamed Formation**
- 4 a. limestone
  - b. mica schist
  - c. garnet - mica
  - d. garnet - staurolite - mica schist
  - e. Quartzofeldspathic schist
  - f. chert
  - g. tuff

Figure 12

TECK EXPLORATION LTD.		
BEND PROJECT		
CROSS SECTION TK-92-01		
SECTION LOOKING NW		
2+00 N, 3+75 W		
AZIMUTH 035°      DIP 60°		
DATE DRAWN: NOV. 7, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MGNB2-01
DRAWN BY: S.A.	NTS No: 830/1	





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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

LEGEND

Gog Group

- 1 a. Quartzite
- b. micaceous quartzite
- c. marble
- d. quartzofeldspathic schist to Psammite
- e. pelitic interbed

Tsar Creek Formation

- 2 a. greywacke (turbiditic)
- b. argillite
- c. sericite schist
- d. mica schist
- e. garnet - mica schist
- f. garnet - staurolite schist
- g. dolomite
- h. Quartz - sericite schist
- i. siliceous sericitic pelitic schist
- j. micaceous limestone
- k. garnet cordierite schist
- l. chert

Kinbasket Formation

- 3 a. limestone
- b. micaceous limestone
- c. garnetiferous limestone
- d. grey banded limestone (graphitic)
- e. pelitic interbed
- f. hornblende
- g. cordierite limestone

Unnamed Formation

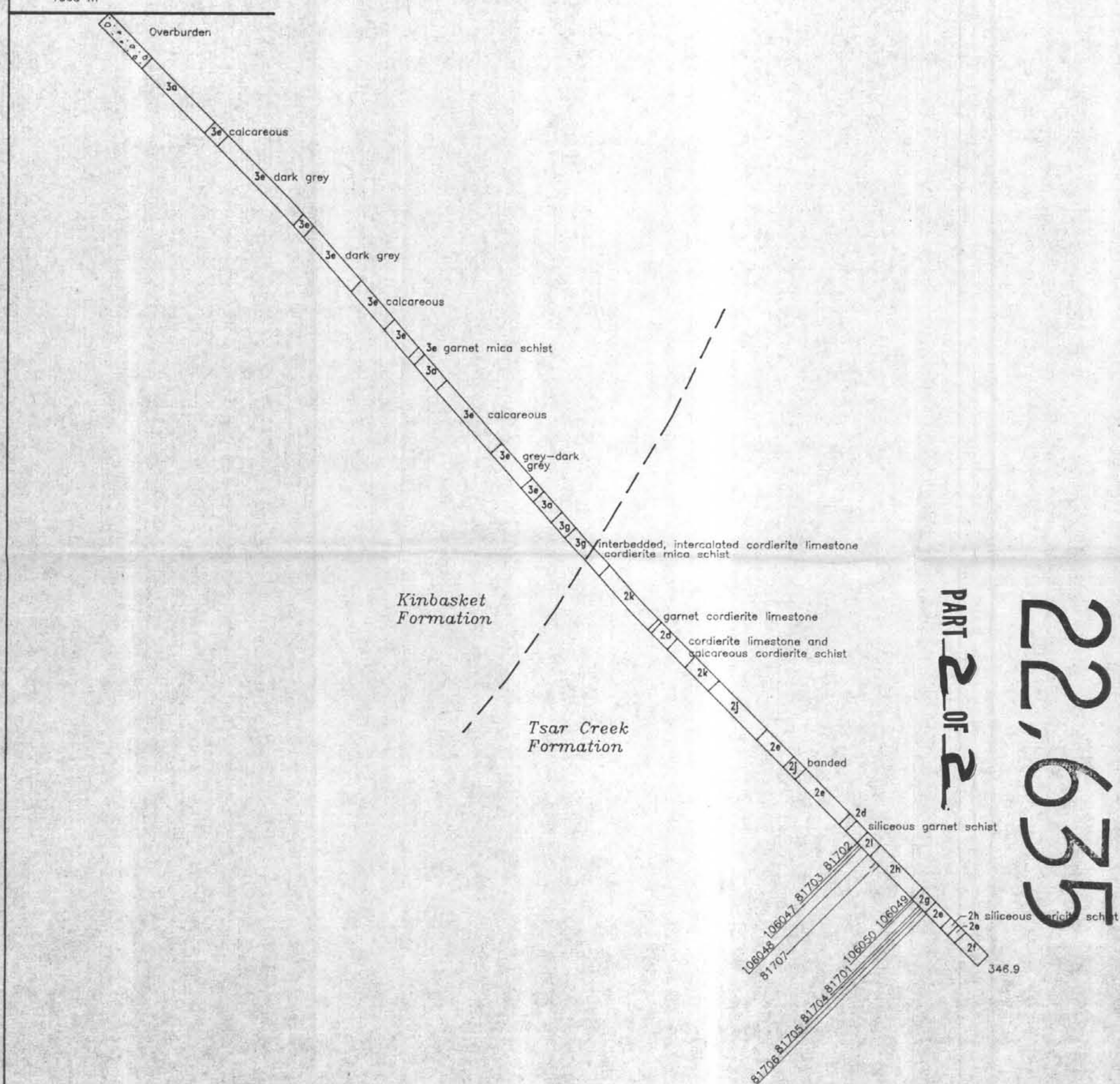
- 4 a. limestone
- b. mica schist
- c. garnet - mica
- d. garnet - staurolite - mica schist
- e. Quartzofeldspathic schist
- f. chert
- g. tuff

Figure 13

TECK EXPLORATION LTD.		
BEND PROJECT		
CROSS SECTION TK-92-02		
SECTION LOOKING NW 2+00 S, 2+95 W AZIMUTH 035°      DIP 75°		
DATE DRAWN: NOV. 9, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MGN92-02
DRAWN BY: S.A.	NTS No: 830/1	



TK-92-03  
1008 m



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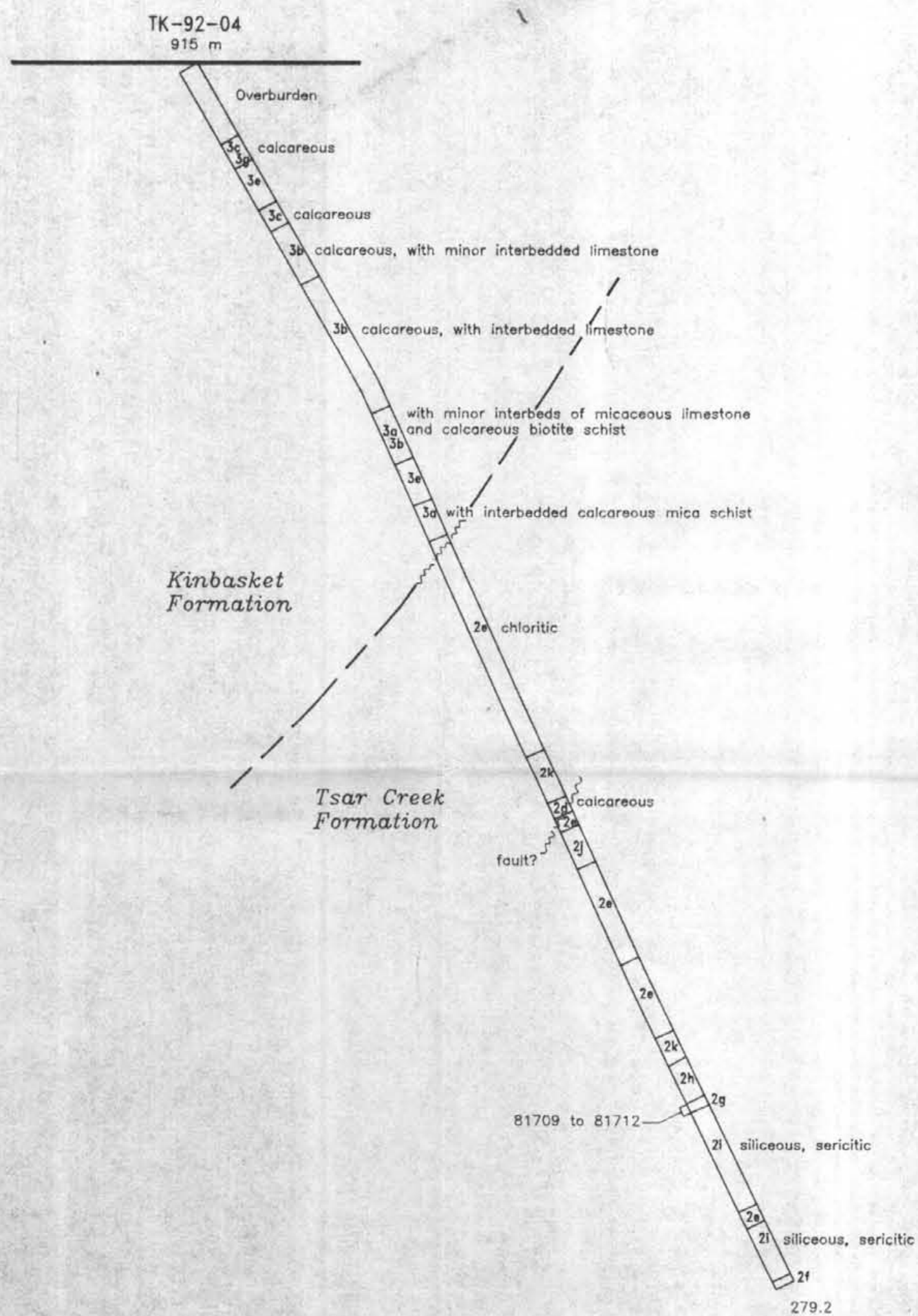
### LEGEND

- Gag Group**
- 1 a. Quartzite
  - b. micaceous quartzite
  - c. marble
  - d. quartzofeldspathic schist to Psammite
  - e. pelitic interbed
- Tsar Creek Formation**
- 2 a. greywacke (turbiditic)
  - b. argillite
  - c. sericite schist
  - d. mica schist
  - e. garnet - mica schist
  - f. garnet - staurolite schist
  - g. dolomite
  - h. Quartz - sericite schist
  - i. siliceous sericitic pelitic schist
  - j. micaceous limestone
  - k. garnet cordierite schist
  - l. chert
- Kinbasket Formation**
- 3 a. limestone
  - b. micaceous limestone
  - c. garnetiferous limestone
  - d. grey banded limestone (graphitic)
  - e. pelitic interbed
  - f. hornblendite
  - g. cordierite limestone
- Unnamed Formation**
- 4 a. limestone
  - b. mica schist
  - c. garnet - mica
  - d. garnet - staurolite - mica schist
  - e. Quartzofeldspathic schist
  - f. chert
  - g. tuff

Figure 14

TECK EXPLORATION LTD.		
BEND PROJECT		
CROSS SECTION		
TK-92-03		
SECTION LOOKING NW		
4+00 N, 2+50 W		
AZIMUTH 035° DIP 45°		
DATE DRAWN: NOV. 7, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MGM92-03
DRAWN BY: S.A.	NTS No: 830/1	





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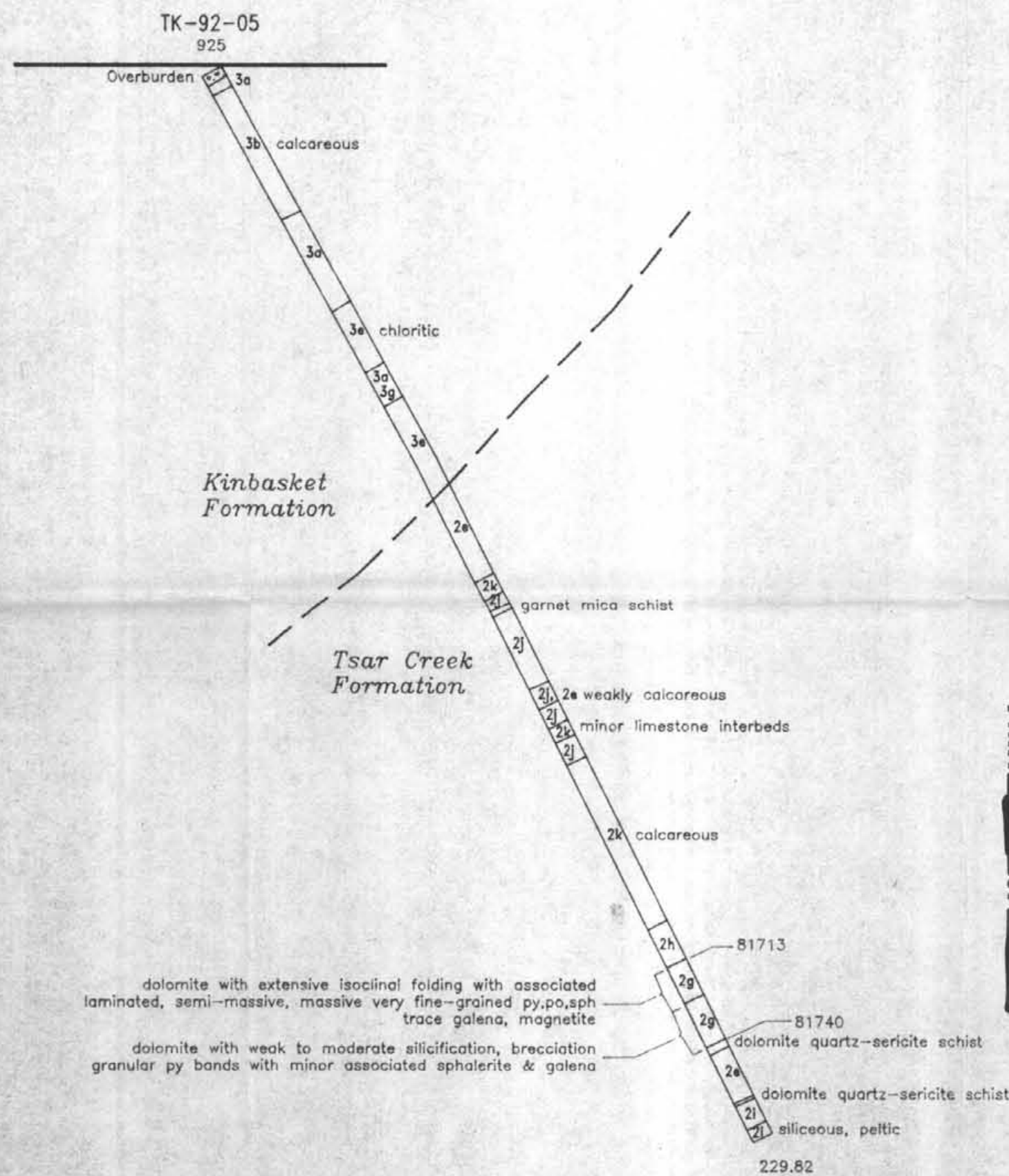
LEGEND

- Gog Group**
- 1 a. Quartzite  
b. micaceous quartzite  
c. marble  
d. quartzofeldspathic schist to Psammite  
e. pelitic interbed
- Tsar Creek Formation**
- 2 a. greywacke (turbiditic)  
b. argillite  
c. sericite schist  
d. mica schist  
e. garnet - mica schist  
f. garnet - staurolite schist  
g. dolomite  
h. Quartz - sericite schist  
i. siliceous sericitic pelitic schist  
j. micaceous limestone  
k. garnet cordierite schist  
l. chert
- Kinbasket Formation**
- 3 a. limestone  
b. micaceous limestone  
c. garnetiferous limestone  
d. grey banded limestone (graphitic)  
e. pelitic interbed  
f. hornblende  
g. cordierite limestone
- Unnamed Formation**
- 4 a. limestone  
b. mica schist  
c. garnet - mica  
d. garnet - staurolite - mica schist  
e. Quartzofeldspathic schist  
f. chert  
g. tuff

Figure 15

TECK EXPLORATION LTD.		
BEND PROJECT		
CROSS SECTION		
TK-92-04		
SECTION LOOKING NW		
13+83 N, 4+00 E		
AZIMUTH 040° DIP 60°		
DATE DRAWN: NOV. 10, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MQM92-04
DRAWN BY: S.A.	NTS No: 830/1	





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GEOLOGICAL BRANCH  
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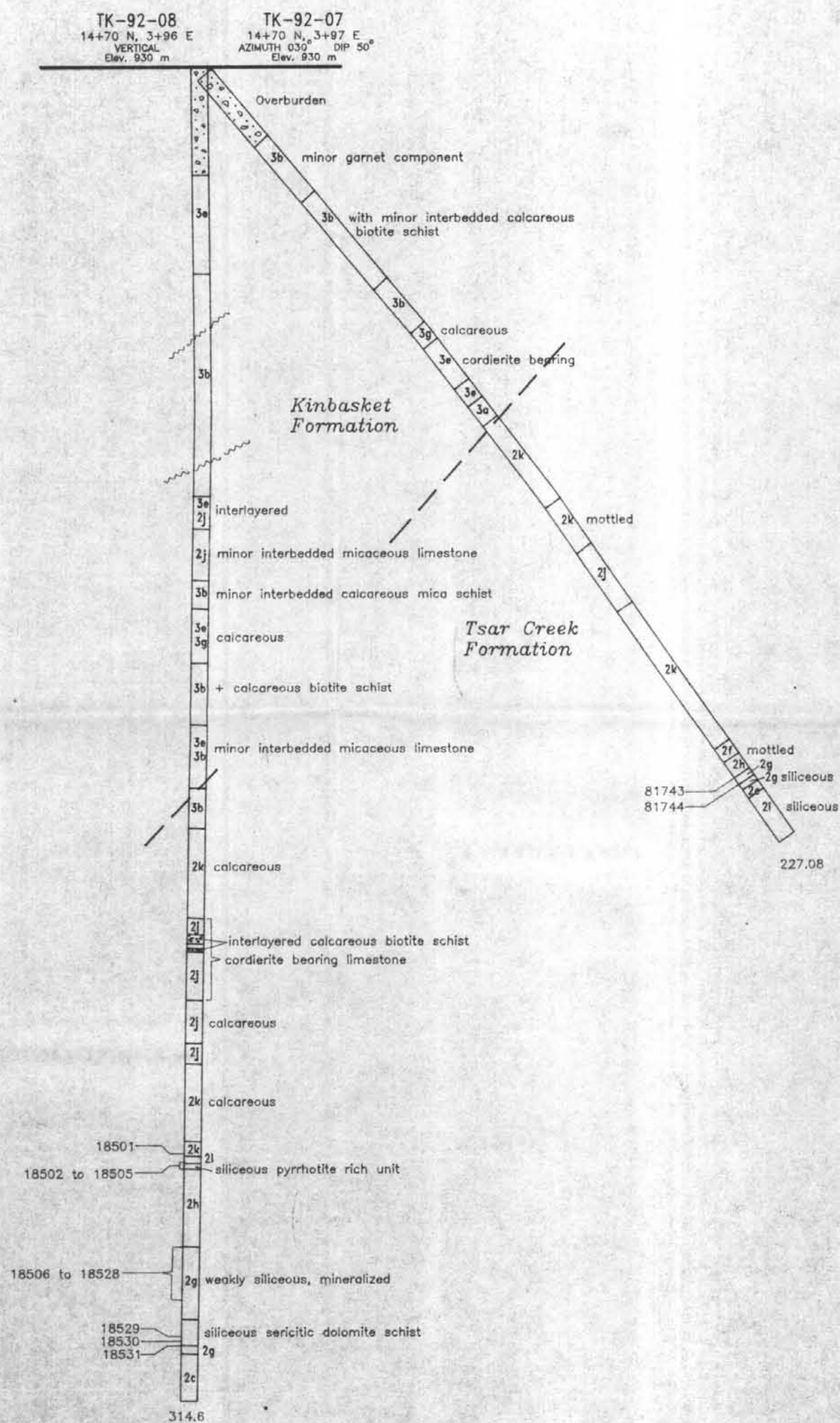
LEGEND

- Gog Group**
- 1 a. Quartzite
  - b. micaceous quartzite
  - c. marble
  - d. quartzofeldspathic schist to Psammite
  - e. pelitic interbed
- Tsar Creek Formation**
- 2 a. greywacke (turbiditic)
  - b. argillite
  - c. sericite schist
  - d. mica schist
  - e. garnet - mica schist
  - f. garnet - staurolite schist
  - g. dolomite
  - h. Quartz - sericite schist
  - i. siliceous sericitic pelitic schist
  - j. micaceous limestone
  - k. garnet cordierite schist
  - l. chert
- Kinbasket Formation**
- 3 a. limestone
  - b. micaceous limestone
  - c. garnetiferous limestone
  - d. grey banded limestone (graphitic)
  - e. pelitic interbed
  - f. hornblende
  - g. cordierite limestone
- Unnamed Formation**
- 4 a. limestone
  - b. mica schist
  - c. garnet - mica
  - d. garnet - staurolite - mica schist
  - e. Quartzofeldspathic schist
  - f. chert
  - g. tuff

Figure 16

TECK EXPLORATION LTD.		
BEND PROJECT		
CROSS SECTION		
TK-92-05		
SECTION LOOKING NW		
13+65 N, 5+00 E		
AZIMUTH 070° DIP 60°		
DATE DRAWN: NOV. 10, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MCM92-05
DRAWN BY: S.A.	NTS No: 83D/1	





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GEOLOGICAL BRANCH  
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LEGEND

Gog Group

- 1 a. Quartzite
- b. micaceous quartzite
- c. marble
- d. quartzofeldspathic schist to Psammite
- e. pelitic interbed

Tsar Creek Formation

- 2 a. greywacke (turbiditic)
- b. argillite
- c. sericite schist
- d. mica schist
- e. garnet - mica schist
- f. garnet - staurolite schist
- g. dolomite
- h. Quartz - sericite schist
- i. siliceous sericitic pelitic schist
- j. micaceous limestone
- k. garnet cordierite schist
- l. chert

Kinbasket Formation

- 3 a. limestone
- b. micaceous limestone
- c. garnetiferous limestone
- d. grey banded limestone (graphitic)
- e. pelitic interbed
- f. hornblende
- g. cordierite limestone

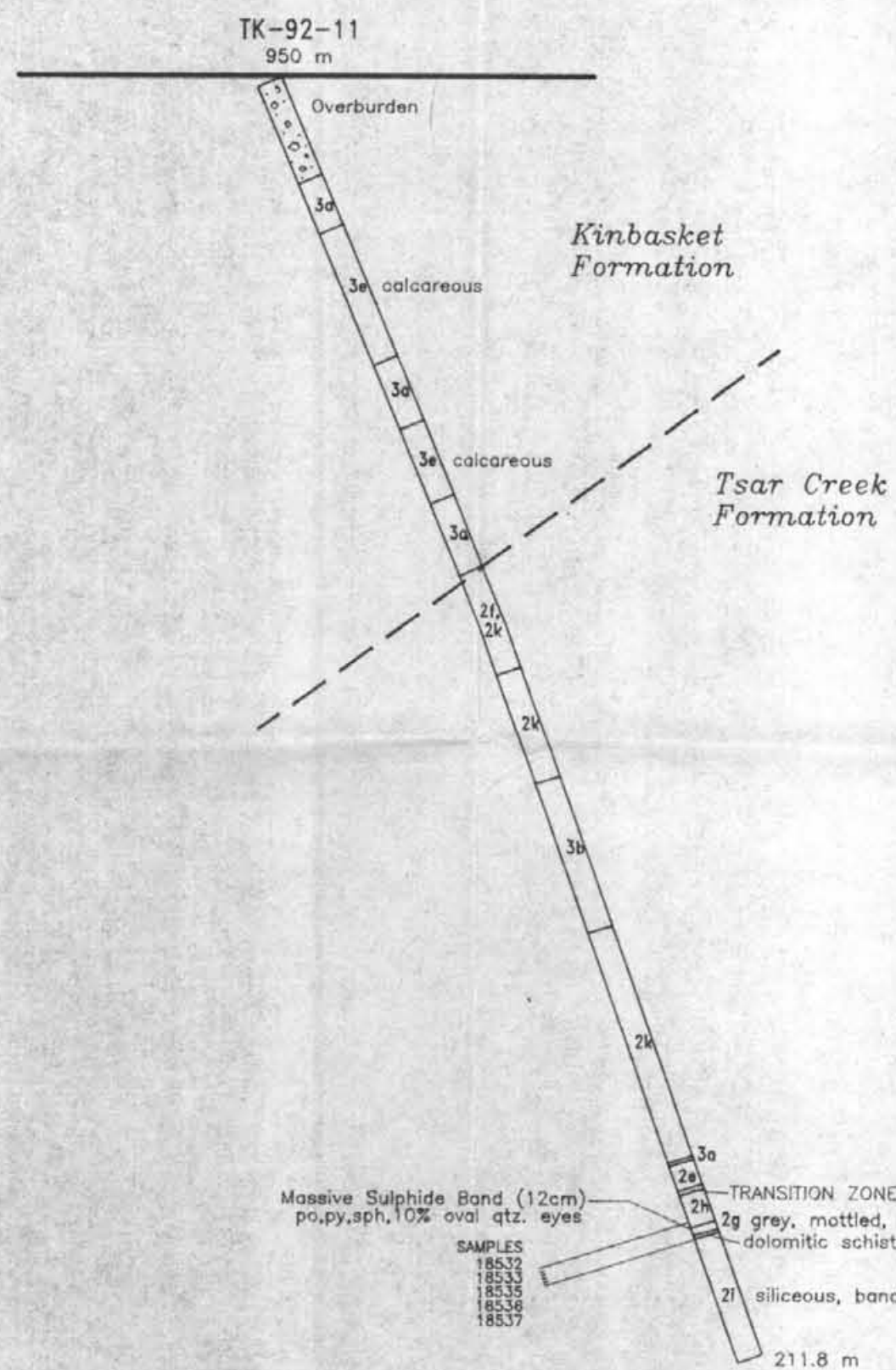
Unnamed Formation

- 4 a. limestone
- b. mica schist
- c. garnet - mica
- d. garnet - staurolite - mica schist
- e. Quartzofeldspathic schist
- f. chert
- g. tuff

Figure 17

TECK EXPLORATION LTD.		
BEND PROJECT		
CROSS SECTION		
TK-92-07		
TK-92-08		
SECTION LOOKING NW		
DATE DRAWN: NOV. 10, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MCM92-78
DRAWN BY: S.A.	NTS No: 830/1	






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LEGEND

- Gog Group**
- 1 a. Quartzite
  - b. micaceous quartzite
  - c. marble
  - d. quartzofeldspathic schist to Psammite
  - e. pelitic interbed
- Tsar Creek Formation**
- 2 a. greywacke (turbiditic)
  - b. argillite
  - c. sericite schist
  - d. mica schist
  - e. garnet - mica schist
  - f. garnet - staurolite schist
  - g. dolomite
  - h. Quartz - sericite schist
  - i. siliceous sericitic pelitic schist
  - j. micaceous limestone
  - k. garnet cordierite schist
  - l. chert
- Kinbasket Formation**
- 3 a. limestone
  - b. micaceous limestone
  - c. garnetiferous limestone
  - d. grey banded limestone (graphitic)
  - e. pelitic interbed
  - f. hornblende
  - g. cordierite limestone
- Unnamed Formation**
- 4 a. limestone
  - b. mica schist
  - c. garnet - mica
  - d. garnet - staurolite - mica schist
  - e. Quartzofeldspathic schist
  - f. chert
  - g. tuff

Figure 18

 <b>TECK EXPLORATION LTD.</b>		
BEND PROJECT		
<b>CROSS SECTION</b> <b>TK-92-11</b> SECTION LOOKING NW 15+69 N, 4+37 E AZIMUTH 040°      DIP 40°		
DATE DRAWN: NOV. 7, 1992	SCALE: 1:1000	DWG. NAME:
COMPILED BY: G.T., C.A.	JOB No: 1723	MGM92-11
DRAWN BY: S.A.	NTS No: 830/1	



