



**GWICH'IN LAND AND WATER BOARD  
LAND USE PERMIT APPLICATION**

BOX 2018 INUVIK NT X0E 0T0  
PH 867 777 4954 FX 867 777 2616

**SCHEDULE 2  
(Subsection 19(2) of Mackenzie Valley Land Use Regulations)**

**INFORMATION IN SUPPORT OF AN APPLICATION FOR A LAND USE PERMIT**

**NEW APPLICATION**       **AMENDMENT**

**1. APPLICANT'S NAME AND MAILING ADDRESS**

Department of Transportation  
Box 2038 Inuvik NT, X0E 0T0

Telephone 867-777-7343  
Fax 867-777-4290

**2. HEAD OFFICE ADDRESS**

Department of Transportation  
Box 1320 Yellowknife NT X1A 2L9

Telephone \_\_\_\_\_  
Fax \_\_\_\_\_

Field Supervisor \_\_\_\_\_  
Radiotelephone \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_

**3. OTHER PERSONNEL**

(Subcontractor, contractors, company staff, etc.)

Various Contractors

Total Number of Persons on Site \_\_\_\_\_

**4. ELIGIBILITY**

(Refer to section 18 if the Mackenzie Valley Land Use Regulations.)

(a) (i)     (a) (ii)     (a) (iii)     (b) (i)     (b) (ii)

- 
5. a) **Summary of Operation**  
(Describe purpose, nature and location of all activities)  
(Refer to paragraph 19 (3) (b) of the Mackenzie Valley Land Use Regulations.)

As and required, the Dep't will excavate, load & haul materials from the natural deposits or the Stockpiles for the maintenamce & construction of the Dempster Highway. Land Use authority will be informed prior to entering the pits for the intended purpose

- b) Indicate if a Camp is to be set up  
(Provide details on a separate page, if necessary.)

N/A

- 
6. **SUMMARY OF POTENTIAL ENVIRONMENTAL AND RESOURCE IMPACTS**  
(Describe the effects of the proposed land-use operation on land, water, flora and fauna and related socio-economic impacts.) (Use a separate page if necessary.)

No potential environmental impacts have been identified at this time

- 
7. **PROPOSED RESTORATION PLAN**  
(Use a separate page if necessary.)

Borrow sites will be left with 3:1 slopes and proper drainage

- 
8. **OTHER RIGHTS, LICENCES OR PERMITS RELATED TO THIS PERMIT APPLICATION**  
(Mineral rights, timber permits, water licences, etc.)

---

**ROADS:**

Is this to be a pioneering road?

Has the route been laid out or ground truthed?  
(Provide details on a separate page.)

- 
9. **PROPOSED DISPOSAL METHODS**

- a) Garbage
- b) Sewage (Sanitary and grey water)
- c) Brush and trees
- d) Over burden (Organic soils, waste material, etc.)

---

**10. EQUIPMENT**

(Includes, drills, pumps, etc.) (Use a separate page if necessary.)

Type and Number	Size	Proposed Use
<u>Dozer</u>	<u>D8/D7</u>	<u>Excavation</u>
<u>Tractor Trailer</u>	<u>Hm3 Capacity</u>	<u>Haul Material</u>
<u>Loader</u>	<u>950/960</u>	<u>Load Material</u>
<u>  </u>	<u>  </u>	<u>  </u>

---

**11. FUELS**

	(√)	Number of Containers	Capacity of Containers	Location of Containers
Diesel	<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>
Gasoline	<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>
Aviation Fuel	<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>
Propane	<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>
Other	<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>

---

**12. CONTAINMENT FUEL SPILL CONTINGENCY PLANS**

(Attach separate contingency plan if necessary.)

---

**13. METHODS OF FUEL TRANSFER**

(To other tanks, vehicles, etc.)

Fuel transferred to Dozer or Loader VIA fuel truck with electric pump

---

**14. PERIOD OF OPERATION**

(Includes time to cover all phases of project work applied for, including restoration.)

Continuous

**15. PERIOD OF PERMIT**

(Up to five years, with maximum of two years of extension)

Start Date June 6, 2000

Completion date June 5, 2005

**16. LOCATION OF ACTIVITIES BY MAP COORDINATES**

(Attach maps and sketches)

Minimum latitude (degree, minute) Various Maximum latitude (degree, minute) \_\_\_\_\_

Minimum longitude (degree, minute) \_\_\_\_\_ Maximum longitude (degree, minute) \_\_\_\_\_

Map Sheet Number 107B/7

**17. APPLICANT**

(Print name in full.)

Name Phillip Edwards

Signature Original signed copy kept on file.

Date April 13, 2000

**18. FEES**

Type A \$150.00 \$ \_\_\_\_\_

Type B \$150.00 \$ \_\_\_\_\_

Land Use Fees \_\_\_\_\_ hectares @ \$50.00/hectare \$ \_\_\_\_\_

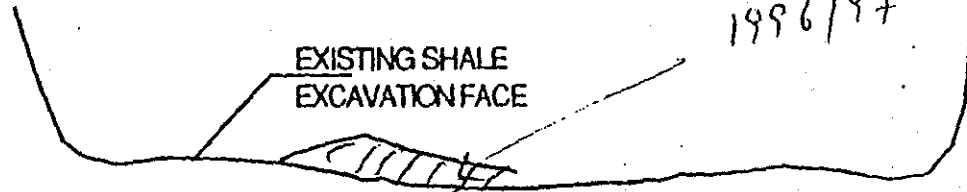
Assignment Fee \$50.00 \$ \_\_\_\_\_

Total Application and Land Use Fees \$ \_\_\_\_\_

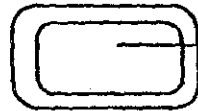
**FOR OFFICE USE ONLY**

Application Fee Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_

Water Use Deposit Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_



Km 28.9



EXISTING STOCKPILE  
CRUSHED ROCK

← YUKON

INUVIK →

DEMPSTER HIGHWAY (No. 8)

### ROCK QUARRY

Km 28.9, DEMPSTER HIGHWAY (No. 8)



Date: 03.05.93  
 Drwn. by: G.B.K.  
 Approv. by: G.J.  
 Scale: N.T.S.





Northwest  
Territories

Date: 03.05.93

Dwn. by: G.B.K.

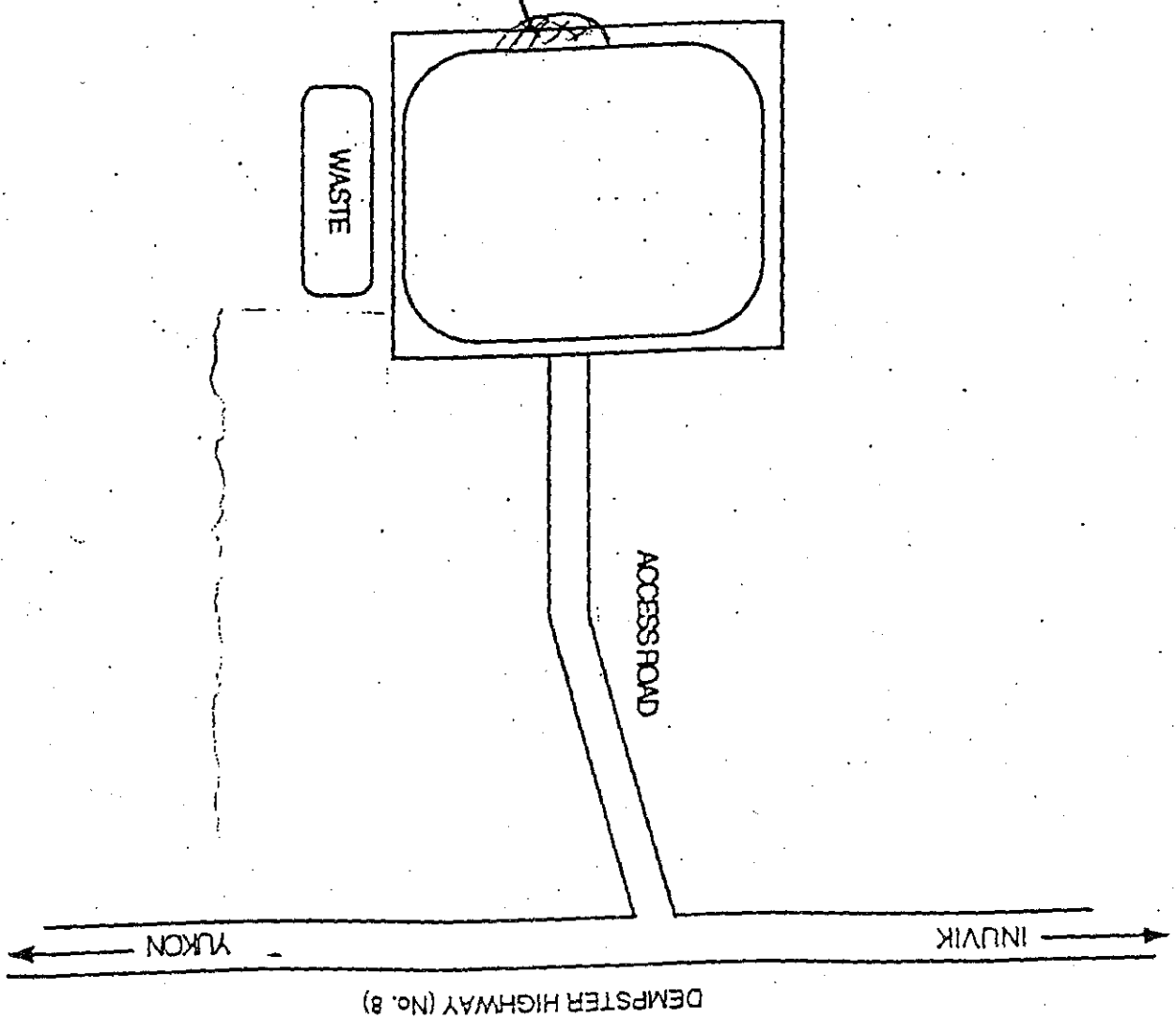
Approv. by: G.J.

Scale: N.T.S.

# PIT - RUN QUARRY

Km 141, DEMPSTER HIGHWAY

1986/87  
MATERIALS  
AS ACTUALLY  
REMOVED



Km 141

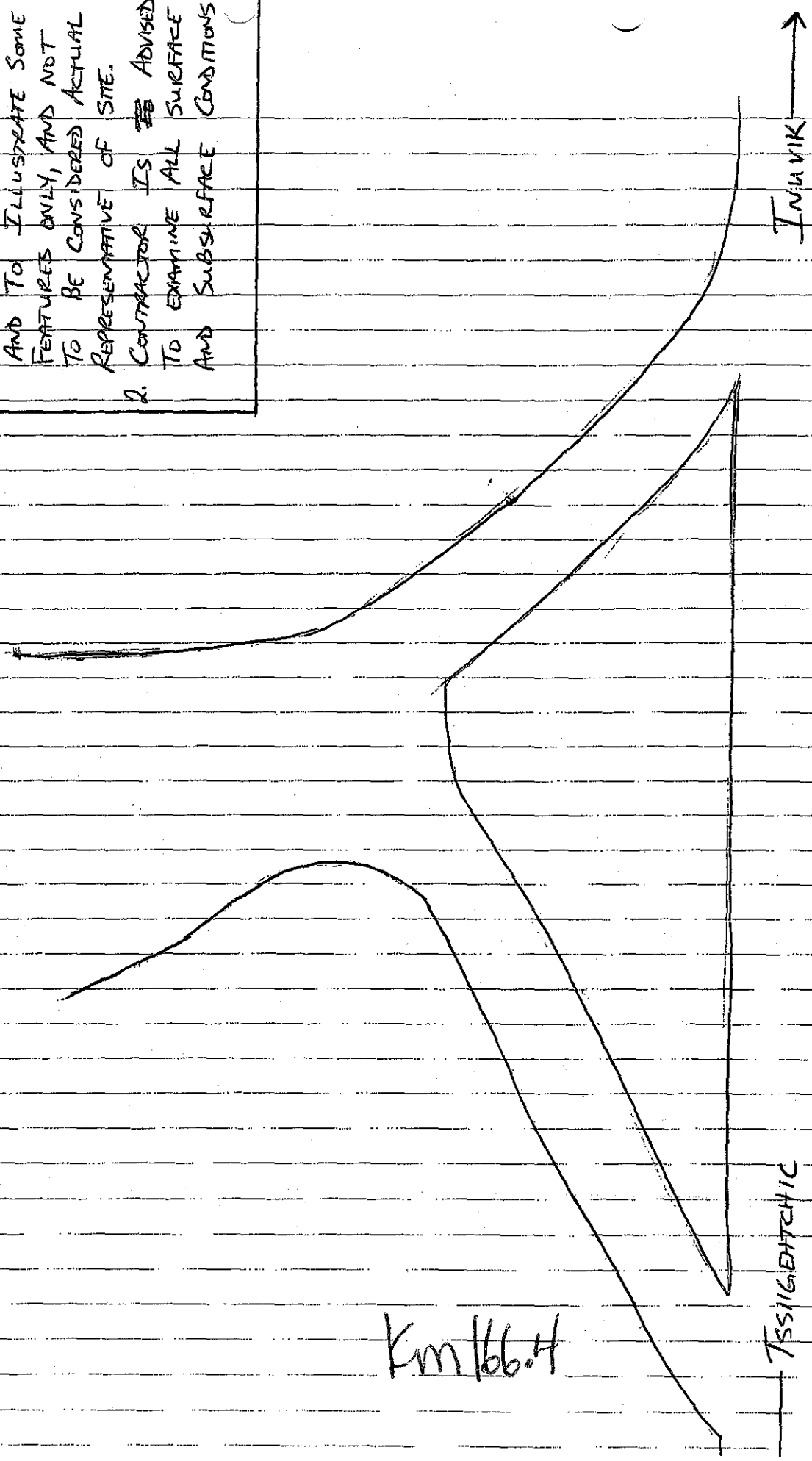


NOTES

- 1. SKETCH NOT TO SCALE, AND TO ILLUSTRATE SOME FEATURES ONLY, AND NOT TO BE CONSIDERED ACTUAL REPRESENTATIVE OF SITE.
- 2. CONTRACTOR IS ~~BE~~ ADVISED TO EXAMINE ALL SURFACE AND SUBSURFACE CONDITIONS

2704-00

Km 166.4



Km 166.4

TSSIGENTHC

DEMPESTER HIGHWAY

INUVIK →

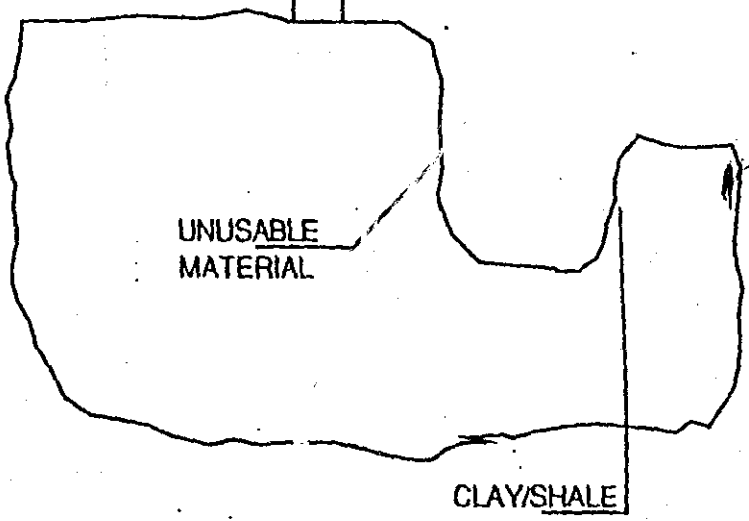
↑ Km 166.4

DEMPSTER HIGHWAY (No. 8)

← YUKON

INUVIK →

KM 178.2



UNUSABLE MATERIAL

CLAY/SHALE

Actual material removed in IP/C/PA



Date: 05.05.93

Drwn. by: G.B.K.

Approv. by: G.J.

Scale: N.T.S.

### SHALE PIT

Km 178.2, DEMPSTER HIGHWAY

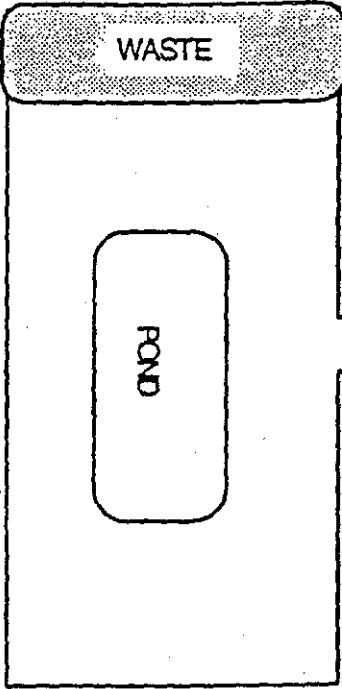


YUKON

DEMPSTER HIGHWAY (No. 8)

INUVIK

ACCESS ROAD  
40.0m



Km 193.7



Date: 05.05.93

Drawn by: G.B.K.

Approved by: G.J.

Scale: N.T.S.

SHALE PIT

Km 193.7, DEMPSTER HIGHWAY



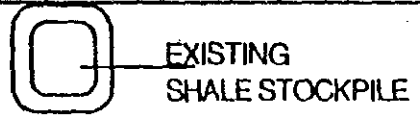
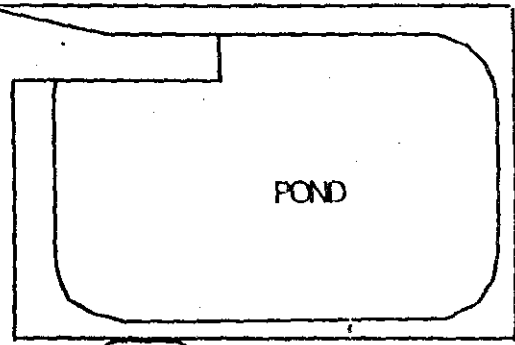
DEMPSTER HIGHWAY (No. 8)

← YUKON →

← INUVIK →

KM 211.2

ACCESS ROAD  
100m



### SHALE PIT

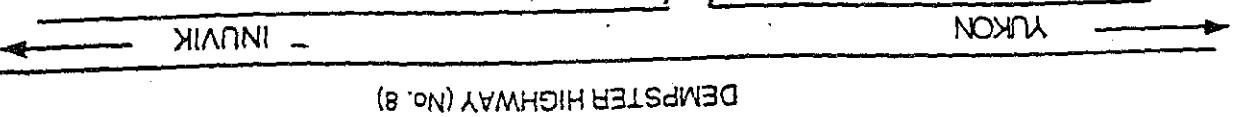
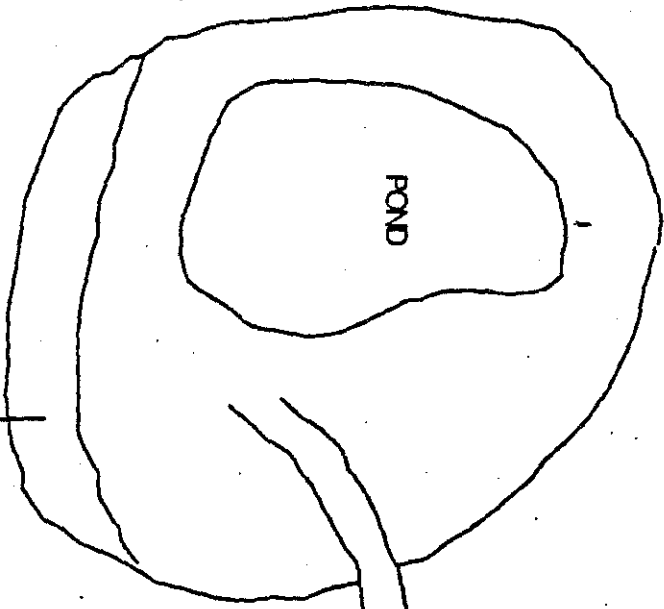
Date: 05.05.93  
Drwn. by: G.B.K.  
Approv. by: G.J.  
Scale: N.T.S.



Km 211.2 DEMPSTER HIGHWAY



Date: 05.05.93  
 Drwn. by: G.B.K.  
 Approv. by: G.J.  
 Scale: N.T.S.

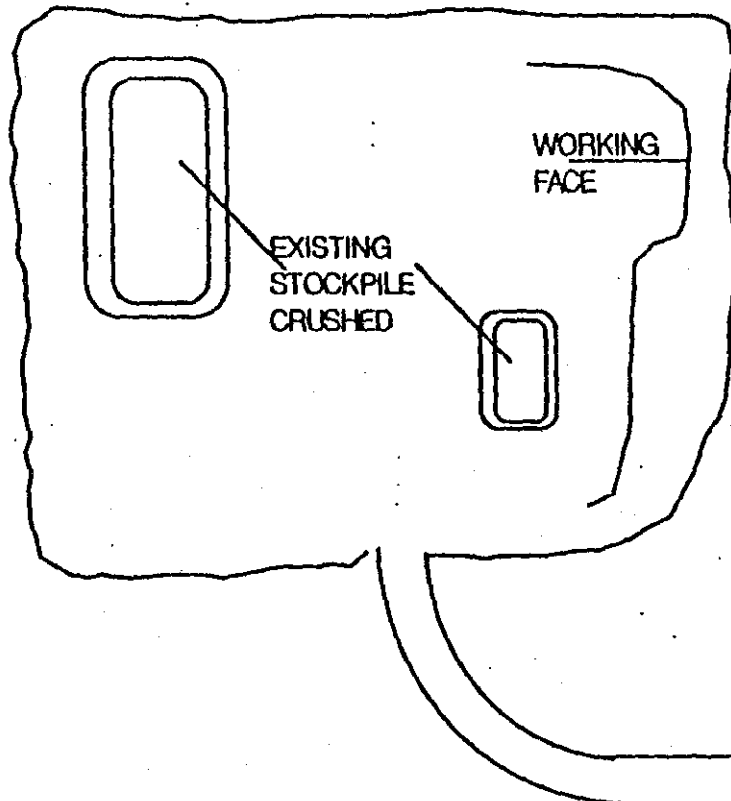


SHALE PIT

Km 230.2. DEMPESTER HIGHWAY

Km 230.2





KM 235.3

DEMPSTER HIGHWAY (No. 8)

YUKON

INUVIK

ACCESS ROAD  
1.3 km

WORKING  
FACE

EXISTING  
STOCKPILE  
CRUSHED



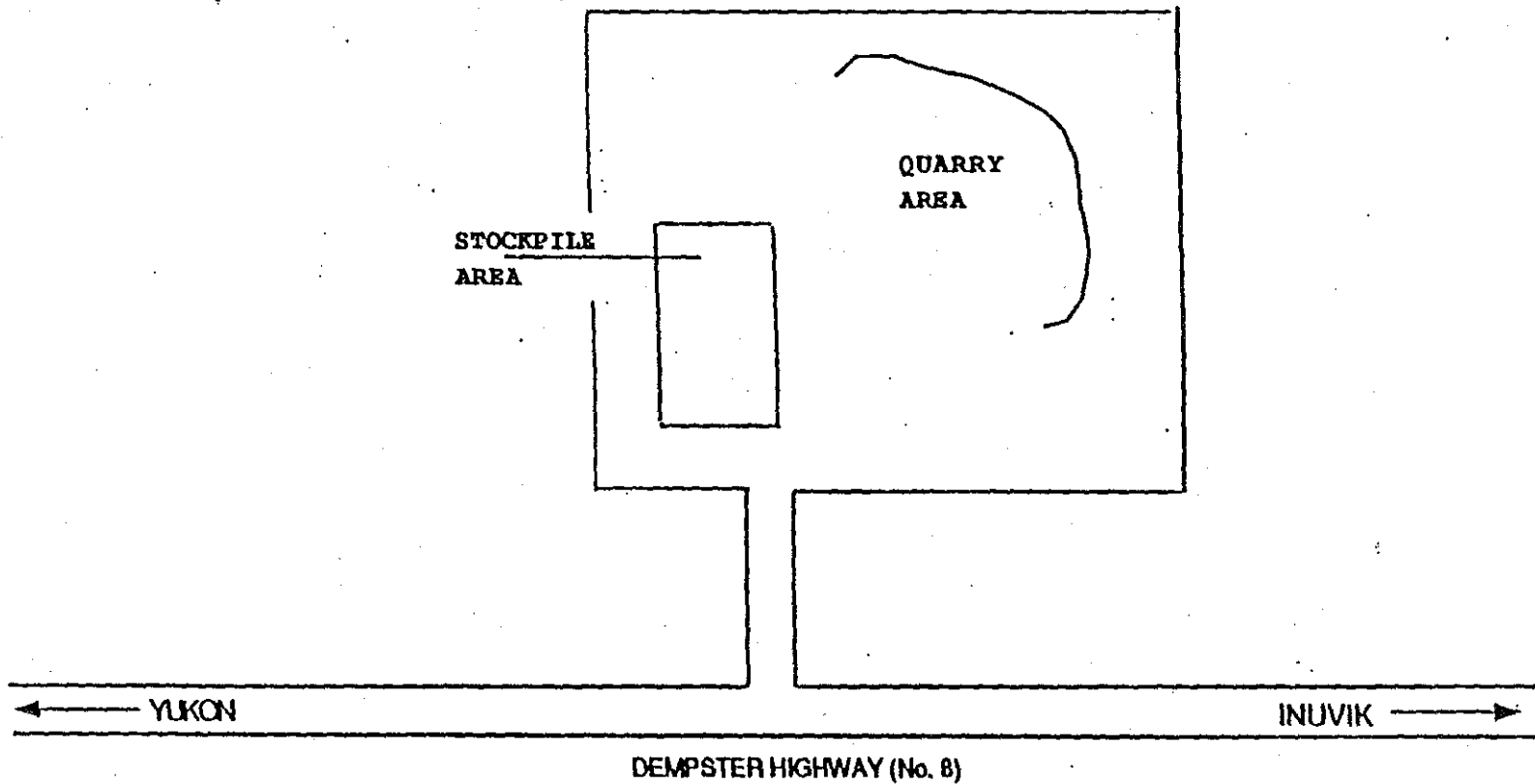
Date: 05.05.93  
 Drwn. by: G.B.K.  
 Approv. by: G.J.  
 Scale: N.T.S.

**ROCK QUARRY & STOCKPILE SITE**

Km 235.3 DEMPSTER HWY



Km 251.2

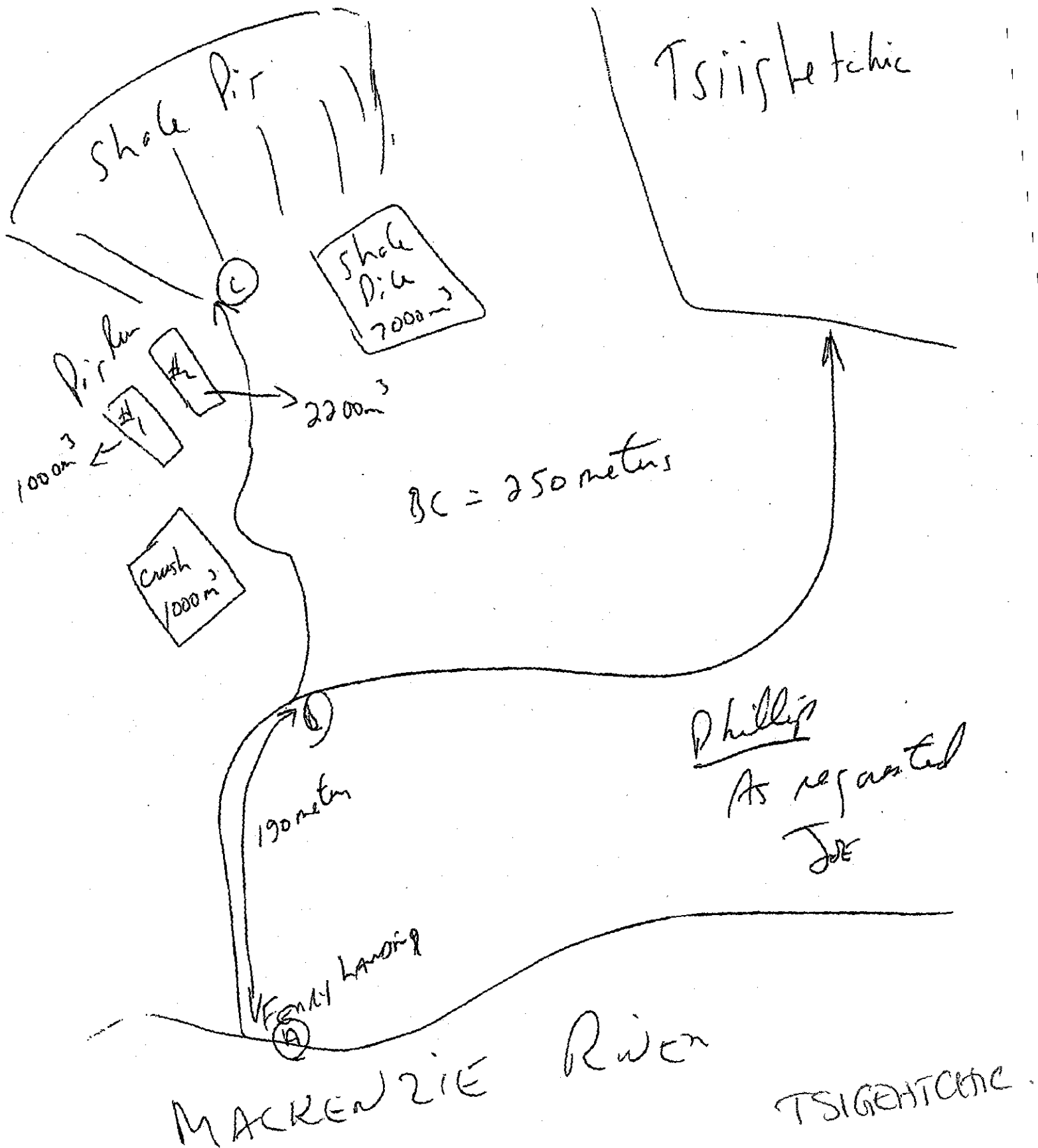


Date: 05.05.93  
Drwn. by: C.D.M.  
Approv. by: G.J.  
Scale: N.T.S.

**ROCK QUARRY - CAMPBELL CREEK**  
Km. 251.2, DEMPSTER HIGHWAY (No. 8)



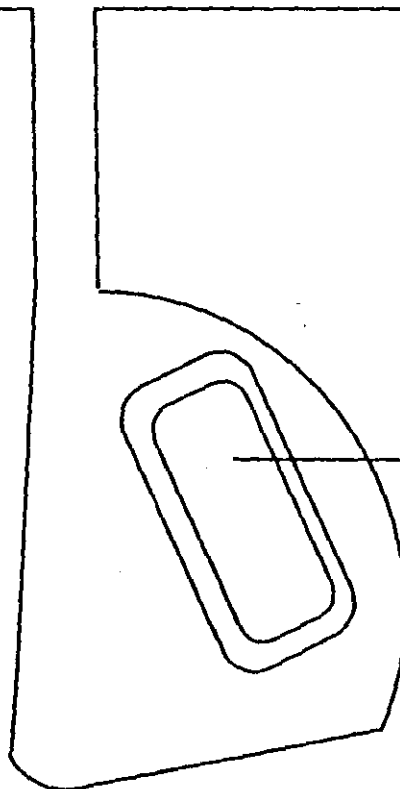
2-2000 14:30 FROM:



DEMPSTER HIGHWAY (No. 8)

← YUKON

INUVIK →



EXITING STOCKPILE  
CRUSHED ROCK

KM 23.5



Date: 03.05.93

Drwn. by: G.B.K.

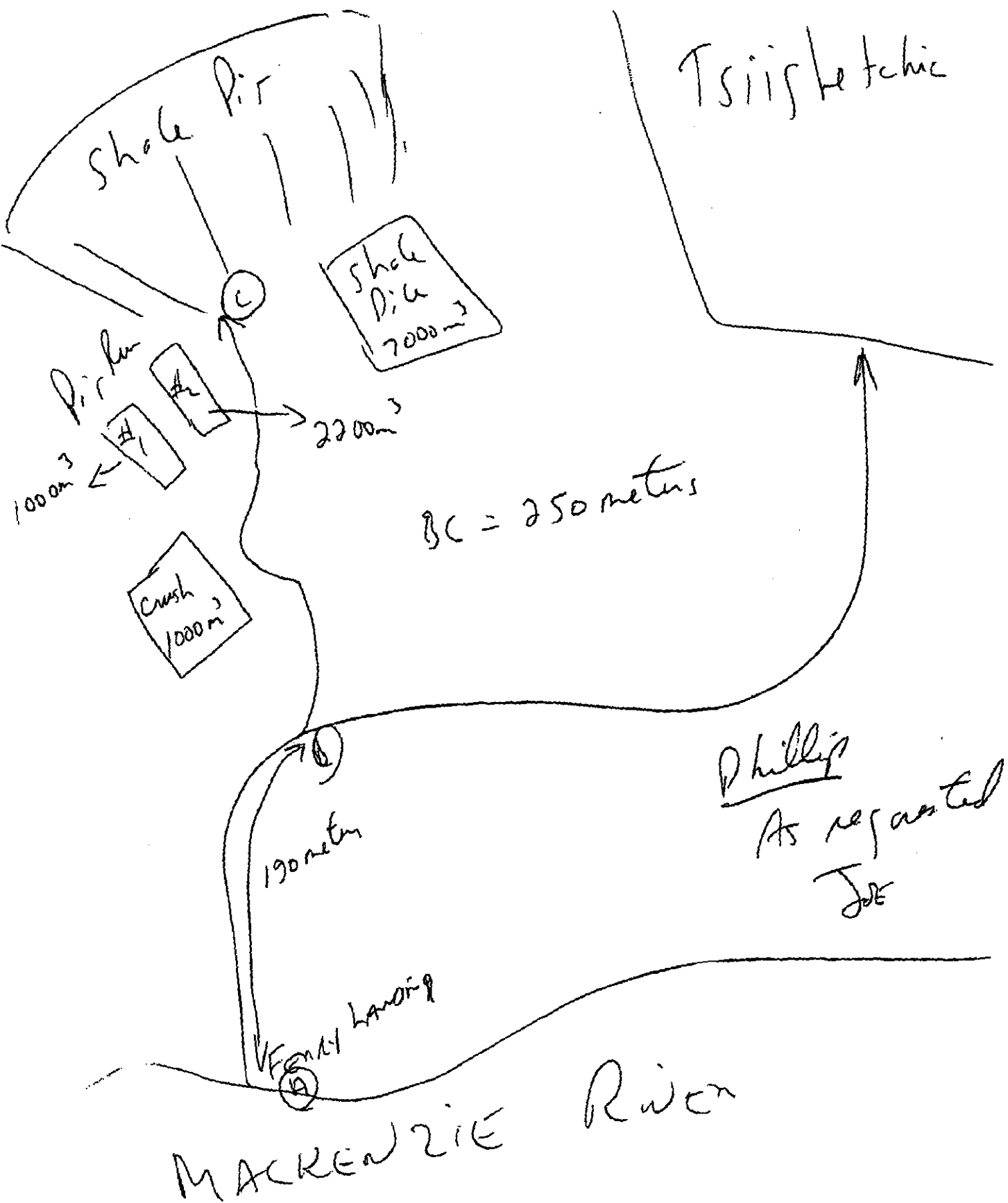
Approv. by: G.J.

Scale: N.T.S.

### CRUSHED ROCK STOCKPILE

Km 23.5, DEMPSTER HIGHWAY (No. 8)

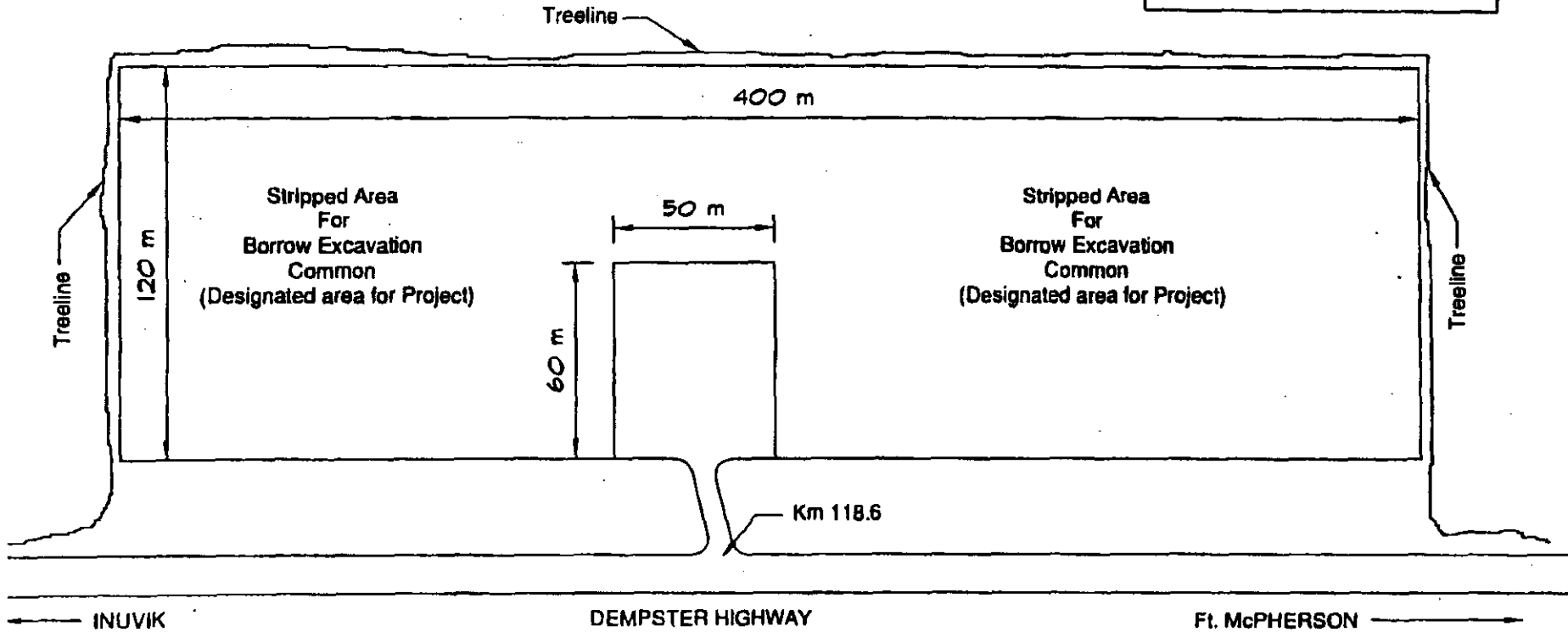




# Sketch for Km 118.6 Borrow Pit

## NOTES

1. Sketch not to scale, and to illustrate some features only, and not to be considered actual representative of site.
2. Frozen conditions and high moisture content expected.
3. Contractor is advised to examine all surface and sub-surface conditions.

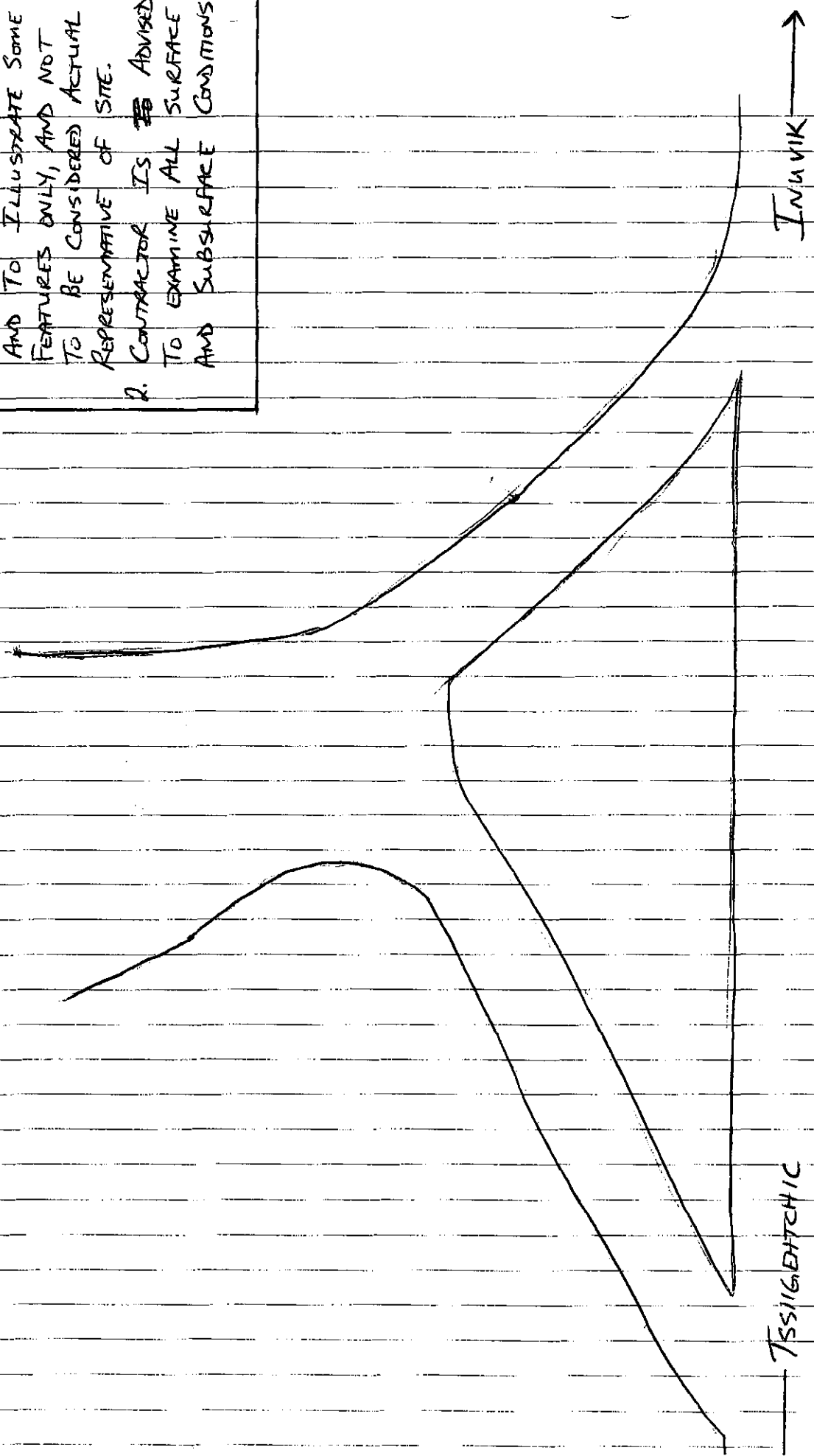


Km 166.4

2704-00

NOTES

1. SKETCH NOT TO SCALE, AND TO ILLUSTRATE SOME FEATURES ONLY, AND NOT TO BE CONSIDERED ACTUAL REPRESENTATIVE OF SITE.
2. CONTRACTOR IS ~~BE~~ ADVISED TO EXAMINE ALL SURFACE AND SUBSURFACE CONDITIONS



TSSIGDITCHIC

DEMPESTER HIGHWAY

INUVIK

Km 166.4