EBA Engineering Consultants Ltd.

Civil, Geotechnical and Materials Engineers

FINAL REPORT
GRANULAR RESOURCES INVENTORY--
DEMPSTER HIGHWAY CORRIDOR
YT/NWT

Submitted to: INAC JANUARY, 1990
EBA File No: 0201-4989

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1990 01 30

INAC
Land Management Division
Natural Resources and Economic
Development Branch
Ottawa, Ontario
K1A 0H4

ATTENTION: Mr. R.J. Gowan
Geotechnical Advisor

Dear Sir:

Subject: Final Report and
Granular Resources Inventory
Dempster Highway Corridor, YT/NWT

This letter summarizes the work completed over the last several months with respect to updating and finalizing the Granular Resources Inventory for the Dempster Highway Corridor, YT/NWT. The work completed is defined in the Articles of Agreement, Contract No. 88-0165, your File No: A1632-88-0165, with a modified time schedule.

1.0 HISTORICAL REVIEW OF WORK ON THE DEMPSTER DATABASE

The purpose of the present study was to update and finalize the initial "Granular Resources Database, Dempster Highway Corridor, YT/NWT" submitted to Indian and Northern Affairs Canada (INAC) in June, 1988, EBA File No: 0201-4800. The initial database consisted of 66 records in the Report Catalogue, 118 records in the Source Catalogue, and 576 records in the ESEBase Borehole Database. The conclusions derived from that project included, among others, to:

(a) request the Yukon Government to re-post the Dempster Highway (a 10 km discrepancy was noted when trying to correlate kilometre posts to geographic references),

(b) input up to 76 additional borehole/testpit logs into the database (these additional logs were found during the initial data review, but were not input due to budgetary constraints),

(c) conduct a ground reconnaissance (driving trip) to confirm source locations and status, and,

(d) update and finalize the entire database.

Figure 1 shows a general Location Map for the Dempster Highway Corridor.

2.0 FINALIZATION OF DEMPSTER DATABASE

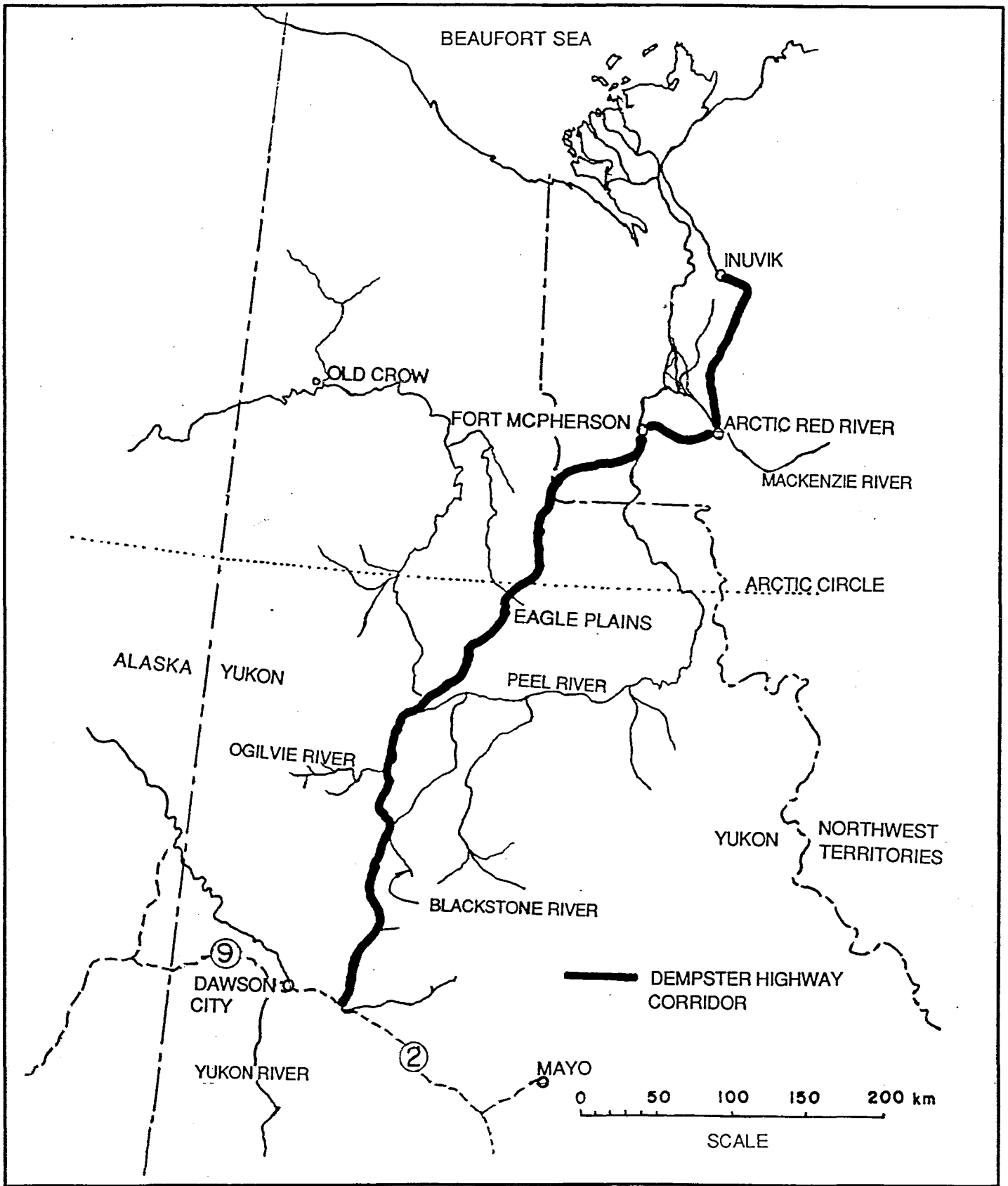
2.1 Dempster Highway Kilometre Posts

The Yukon portion of the Dempster Highway was re-posted in late 1988. The kilometre posts used to locate the sources are summarized in Appendix D. These Tables were produced by the Yukon Government, and KP's on the NWT side were calculated using the YT/NWT border as km 465.

The UTM coordinates of the Report coverage, Source locations and Borehole/Testpit locations have not been changed as they were originally marked on 1:50,000 topographical maps.

2.2 Satellite Imagery

Prior to the Highway Reconnaissance Trip, 1:50,000 satellite imagery of the Yukon portion of the Dempster Highway was obtained from the Government of Yukon, Department of Community and Transportation Services. These photos were taken in 1988, and permission was obtained from the Yukon Government and Canada Centre for



EBA Engineering Consultants Ltd.			PROJECT: DEMPSTER HIGHWAY DATABASE
CLIENT: INDIAN AND NORTHERN AFFAIRS CANADA			TITLE: LOCATION MAP
DATE: 88-06-16	DWN: SMK	CHKD: JRT	DWG NO.: FIGURE 1

Remote Sensing to utilize them for this project. The Yukon Government provided photo enlargements at 1:50,000 scale, which were used during the field reconnaissance and in the preparation of this report (See Site Plans in Appendix A).

The photographic enlargement process resulted in a loss of resolution when compared with the originals. Also, some photos have significant overlap at the edges, and there are some small gaps in the coverage. Gravel shows up as dark spots on the photographs.

2.3 Highway Reconnaissance Trip

A senior engineering technologist from EBA's Whitehorse office drove the Dempster Highway between July 13 to 22, 1989. During this time, all visible granular sources along the Highway were investigated and located relative to the most recent kilometre postings. The original Source Catalogue Data Sheets were utilized and additional information was noted on them as appropriate. Photographs were also taken of most sources.

Site Plans showing the revised locations of all Sources, and other geographic data, are included in Appendix A.

2.4 Report Catalogue Update

Although the number of Reports (66) did not change from the original database, several new fields were added to the Report Catalogue to maintain consistency with the previously submitted Granular Resource Database--North Alaska Highway Corridor, YT. Aside from completing these new fields (primarily the addition of corresponding Source Numbers included in each Report, and an assessment of overall Data Quality), Report Numbers were added to each Data Sheet. The numbers were assigned based on the Report date, and are numbered consecutively from oldest to most recent. This will facilitate future additions to the database. The Report Catalogue Data Dictionary in Appendix B describes the components of the Report Catalogue.

2.5 Source Catalogue Update

The major revisions to the database were completed to the Source Catalogue. All of the "original" 118 sources were examined, some "new" ones found, and several "original" sources (pits) of common geological origin were combined into one source. The only exception to this was that the first 8 pits along the Highway (km 0-8) were kept as separate sources even though they were all of the same geological origin. Each pit had its own geotechnical data, and combining them into one source would result in a loss of accuracy. Table 2.5.1 summarizes the old and new source numbers. For combined sources, the kilometre post of the centre of the source was used as the Source Number, and individual sources kept their kilometre post locations in the NOTE_3 field. In all cases, the original source data sheets were updated to reflect actual conditions. Stockpile volumes were taken from Yukon Government records, and all other volumes listed are "probable".

One new source added was the "Eagle River Bridge" area, (Source No. 0377.8B) which consists of 19 logs added as part of the present study (see Section 2.6).

The components of the Source Catalogue are now identical to those in the North Alaska Highway database, and are described in the Source Catalogue Data Dictionary in Appendix D. It should be noted that not all Sources have test data.

2.6 Borehole Database (ESEBase) Update

A total of 68 additional borehole logs were added to the database as part of the present study. These consisted of 19 logs in the Eagle River Bridge area, and 49 logs from the Dempster Lateral Pipeline. An additional eight logs (for a total of 76) were originally considered for inclusion, but a closer examination of the lithology in these holes showed that the granular materials were primarily sand with greater than 30% fines, therefore they were not added.

TABLE 2.5.1

Summary of Old and New Source Numbers
Granular Resources Database--Dempster Highway Corridor YT/NWT

OLD SOURCE NUMBER (JUNE, 1988)	NEW SOURCE NUMBER (JANUARY, 1990)	OLD SOURCE NUMBER (JUNE, 1988)	NEW SOURCE NUMBER (JANUARY, 1990)	OLD SOURCE NUMBER (JUNE, 1988)	NEW SOURCE NUMBER (JANUARY, 1990)	OLD SOURCE NUMBER (JUNE, 1988)	NEW SOURCE NUMBER (JANUARY, 1990)
0001.1L	0001.1L	0062.9L	0062.4L	0170.4L	0168.3L	0675.0B	0672.0B
--	"	0067.1R	0066.5R	--	0174.6L	0676.0B	"
0001.3B	0001.3B	0068.0B	0066.6B	0190.3R	0189.2R	0679.0B	"
0003.3R	0003.3R	0070.7L	0071.4L	0194.7B	0194.6B	0682.7L	0680.0L
0005.1R	0005.1R	0077.8R	0077.3R	0210.8L	0210.8L	0686.9R	0690.0R
0006.6L	0006.6L	0078.9R	0079.2R	0231.4B	0235.0B	0693.4R	"
0006.9R	0006.7R	0081.4R	0081.0R	0231.6B	"	0704.3L	0706.0L
0007.2L	0007.2L	0082.3R	0084.0R	0232.5B	"	0704.7L	"
0007.8R	0007.8R	0083.2R	"	0234.2B	"	0705.9L	"
0009.2L	0009.2L	0084.0R	"	0239.8B	"	0707.5L	"
0010.9L	0010.9L	0084.5R	"	0244.8R	0244.0R	0708.1L	"
0011.4B	0011.4B	0085.3R	"	0342.4B	0342.0L	0708.2B	0712.4B
0012.5R	0012.5R	0085.8R	"	--	0377.8B	0708.9B	"
--	0014.6L	0087.0B	0086.0B	0418.0R	0417.0R	0710.3B	"
0017.7L	0017.7L	0089.8R	0089.5R	0423.0R	0423.0R	0711.0B	"
0019.2R	0019.4L	0089.8L	0090.2L	0436.0R	0432.9R	0711.3B	"
0021.7L	0021.7L	0090.4R	"	0442.6B	0446.0B	0712.5B	"
0022.4L	0022.4L	0091.1R	0090.7B	0447.0B	"	0715.4R	0715.4L
--	0024.3L	0091.5R	"	0449.0B	"	--	0735.0R
0026.8R	0026.7R	0092.6R	"	0512.8R	0508.8R		
0028.6R	0028.4R	--	0094.8R	0568.0R	0565.6R		
--	0032.4L	--	0105.6B	0571.3B	0567.7B		
0033.6L	0033.2L	0107.2B	"	0562.0B	0583.2B		
0035.6L	0035.6L	0107.5B	"	0565.0B	"		
0039.9R	0039.9B	0113.3L	0112.7L	0583.1B	"		
0040.6L	0040.5L	0116.8B	0114.7B	0583.8B	"		
0043.7L	0044.0L	0118.6R	"	0585.8B	"		
0047.0R	0047.2R	0120.1B	0117.0R	0586.8B	"		
0049.9L	0049.9B	0124.7B	0122.8B	0587.8B	"		
0053.1R	0053.1R	0127.3R	0127.0R	0589.2B	"		
0056.3L	0055.5L	0132.9R	0131.2B	0588.0R	0591.0R		
0057.7B	0058.0B	0133.3R	"	0601.0L	0599.0L		
0058.0B	"	0137.4L	0136.0L	0610.0L	0609.0L		
0058.6B	"	0154.5L	0152.8L	0614.5R	0611.3R		
0059.0B	"	0160.9L	0158.6L	0672.6L	0670.0L		
0060.2B	"	0170.3L	0168.3L	0674.2B	0672.0B		

Final changes to the borehole database included changing all the borehole numbers to reflect the revised kilometre posts of the sources. As in the North Alaska Highway database, the Borehole Numbers consist of eight (8) characters, the first five being numeric for the kilometre post of the Source to tenths (no decimal), followed by alphabetic B or T (Borehole or Testpit) and two alpha-numeric digits corresponding to the original Borehole or Testpit number.

Table 2.5.1 can be used to determine old and new borehole numbers, as all holes are included in the new sources, except for 49 holes drilled along the Dempster Lateral, as previously noted. The relationship between Borehole Number, Report Number, Source Number and location are shown in Tabular form in Appendix E. The 49 holes not included in the Source Catalogue are noted as Dempster Lateral on this Table.

3.0 DATA PRESENTATION

3.1 Location Maps

Satellite imagery prints (1:50,000) and 1:50,000 topographical maps showing granular deposits along the Dempster Highway are included in Appendix A.

3.2 Report Catalogue (66 Records)

The reprinted Report Catalogue is included in Appendix C, and on a 360 kB floppy diskette (DHREPORT.DBF) bound into the back of three (3) copies of this Final Report.

3.3 Source Catalogue (84 Records)

The reprinted Source Catalogue is included in Appendix E, and on a 360 kB floppy diskette (DHSOURCE.DBF) bound into the back of three (3) copies of this Final Report.

3.4 Borehole Database (644 Records)

The revised ESEBase Borehole Database in included in floppy diskette format in three (3) copies of this Final Report. The additional 68 logs, with Tables summarizing old and new Source Numbers and Borehole Numbers included in a separate volume entitled "Addendum Volume, Dempster Highway Granular Source Borehole Log Database, Test Holes Logs for Source 0377.8B (Eagle River Bridge Area), and Dempster Lateral Pipeline (No Source Number).

3.5 User Friendly Menus

"User Friendly" menus have been prepared to simplify access to the Report Catalogue, Source Catalogue, and ESEBase Borehole Database. These will enable the user to access all sources of data for the Dempster Highway corridor from a single menu. Other databases can also be added as required (the North Alaska Highway Corridor is included on the Menu).

To make full use of the menu system (see Figure 2) and databases compiled as part of this study, the user will require the following commercially-available software:

- dBase III+ (or similar) to access the Report and Source Catalogue databases.
- ESEBase (Version 3.0) to access the Borehole Database
- R&R (Relational Report Writer, Version 3.0) to print the data sheets created for the Report and Source Catalogue databases.

To access the Main Menu:

1. Ensure that dBase III+ and R&R have a PATH from \ESEBase.

2. Restore DEMPSTER ESEBase files from diskettes--this will create \ESEBase\DEMPSTER

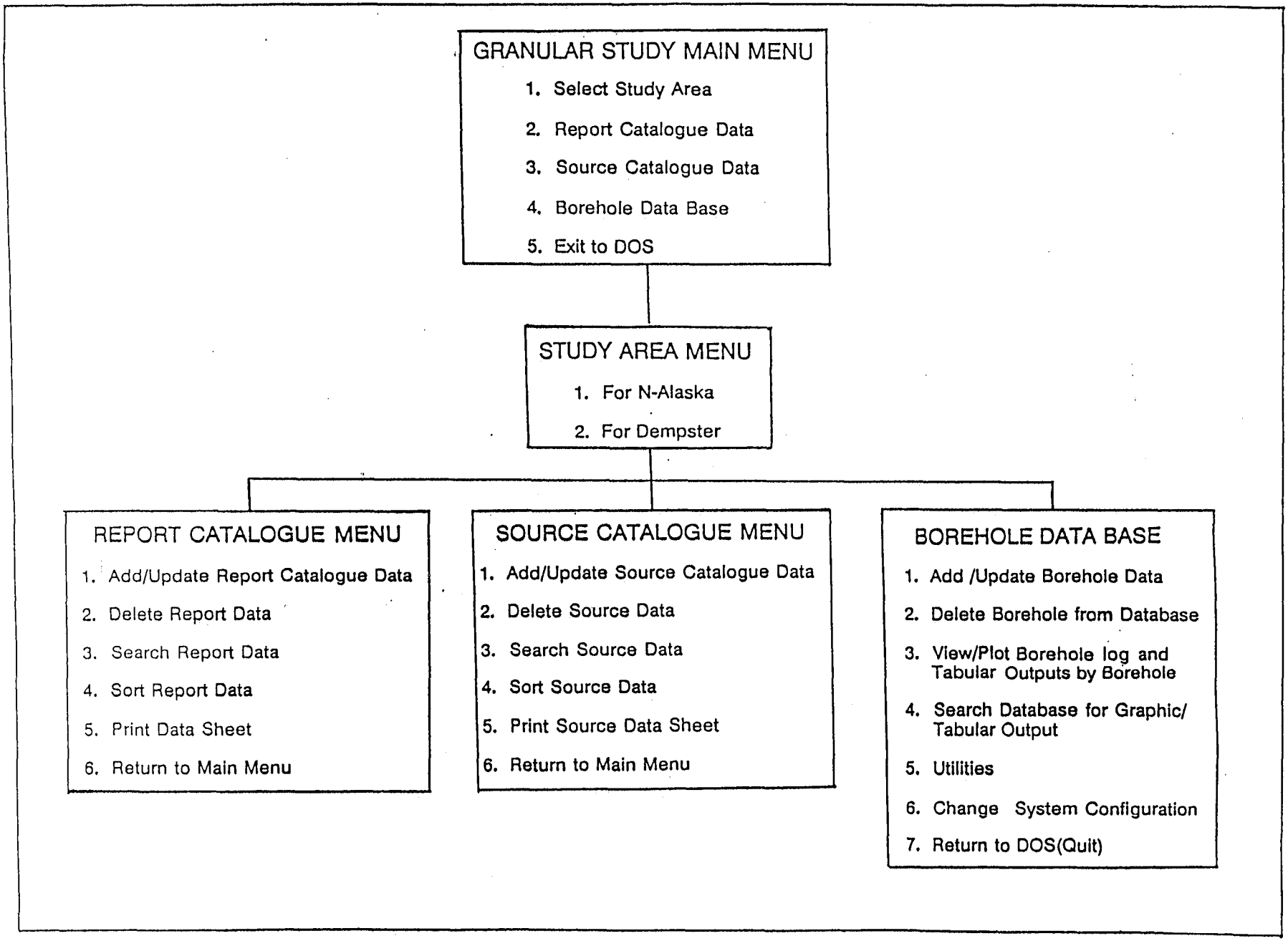


FIGURE 2 USER FRIENDLY MENUS FOR GRANULAR RESOURCE DATABASE

3. Copy the following files into \ESEBase

   ESEBASE.BAT
   MASTER.EXE
   GRANULAR.BAT
   ESEPROG.EXE
   GRANULAR.MEM

4. Copy the following files into\DEMPSTER:

   DHREPORT.DBF
   DHSOURCE.DBF
   DHREPORT.RP1
   DHSOURCE.RP1

5. From \ESEBase, type GRANULAR

6. Select STUDY AREA

7. Both the REPORT and SOURCE items from Main Menu take the User into dBase III+, and the Report or Source Catalogues are already set up. The user must then know how to use the ASSIST Menu, or other dBase III+ commands to proceed further.

8. The PRINT option opens up R&R, which has its own menus for printing. The User must first enter the appropriate library from C:\ESEBASE\DEMPSTER*.RP1 and then Retrieve DHREPORT or DHSOURCE, as required.

One minor change was made to the ESEBase Index Screen, to accommodate cross-referencing to the Source and Report Catalogues. The three-line Cross Reference Field on the Index Screen was changed to single-line Report No. and Source No. fields. By copying the file ESEPROG.EXE from the enclosed Diskettes, this modification will be made to an existing ESEBase program. Otherwise, the data will fill the XREF_1 and XREF_2 fields.

4.0 CLOSURE

The work completed under the present contract updates the Granular Resource Inventory for the Dempster Highway Corridor to the same standards and format as that for the previously submitted North Alaska Highway database. When both databases are copied onto their respective subdirectories of ESEBase, both can be accessed from the User Friendly menus supplied.

We trust that the information presented herein meets with your approval. If you have any questions, or require clarification of any item, please contact the undersigned at your convenience.

Yours truly,

EBA Engineering Consultants Ltd.

J.R. Trimble, P.Eng.
Project Director
Office Manager

JRT/was

APPENDIX A

EBA ENGINEERING CONSULTANTS LTD.

GEOTECHNICAL REPORT
GENERAL CONDITIONS

A.1 USE OF REPORT AND OWNERSHIP

This geotechnical report pertains to a specific site and development. It is not applicable to adjacent sites nor is it valid for types of development other than that to which it refers. Any variation from the site, or development, necessitates a geotechnical review in order to determine the validity of the design concepts evolved herein.

This report is not to be reproduced in part or in whole without consent in writing from EBA Engineering Consultants Ltd. (EBA). Additional copies of the report, if required, may be obtained upon request. Isolated information, logs of borings, or profiles are not to be reproduced, copied or transferred.

A.2 NATURE AND EXACTNESS OF SOIL DESCRIPTION

Classification and identification of soils are based upon commonly accepted methods employed in professional geotechnical practice. This report contains descriptions of the systems and methods used. Where deviations from the system prevail, they are specifically mentioned.

Classification and identification of soil and geologic units are judgmental in nature as to both type and condition. EBA does not warrant conditions represented herein as exact, but infers accuracy only to the extent that is common in practice.

A.3 LOGS OF BORINGS

The boring logs are a compilation of conditions and classification of soils as obtained from field observations and laboratory testing of selected samples. Soil zones have been interpreted. Change from one geologic zone to the other, indicated on the logs as a distinct line, is in fact, transitional. The extent of transition is interpretive. Any circumstance which requires precise definition of soil zone transition elevations may require special evaluation.

A.4 STRATIGRAPHIC AND GEOLOGIC SECTIONS

The stratigraphic and geologic sections indicated on drawings contained in this report are evolved from logs of borings. Stratigraphy is known precisely only at the locations of the borings. Actual geology and stratigraphy between borings may vary from that shown on these drawings. Natural variations in geologic conditions are inherent and a function of historic environment. EBA does not represent the conditions illustrated as exact but recognizes that variations will exist. Where knowledge of exact locations of geologic units is necessary, it is cautioned that such determination requires special attention.

A.5 GROUNDWATER CONDITIONS

Groundwater conditions represented in this report refer only to those observed at the times recorded on logs of borings, and/or within the text of this report. These conditions vary with geologic detail between borings; annual, seasonal and special meteorologic conditions; and with construction activity. Where instruments have been established to record groundwater variations on an ongoing basis, the records will be specifically referred to. Interpretation of groundwater conditions from observations and records is judgmental and constitutes an evaluation of circumstances as influenced by geology, meteorology and construction activity. Deviations from these observations, may occur. No other warranty, express, or implied, is made by EBA.

A.6 PROTECTION OF EXPOSED GROUND

Excavation and construction operations expose geologic materials to meteorological elements. Many geologic materials deteriorate rapidly upon exposure to climatic elements. Severe deterioration of materials may be caused by precipitation and/or the action of frost on exposures. Unless otherwise specifically indicated in this report, walls and floors of excavations must be protected from elements, particularly all forms of moisture, desiccation from arid conditions and frost action.

A.7 SUPPORT OF ADJACENT GROUND AND STRUCTURES

Unless otherwise advised, support of excavation walls, ground adjacent to anticipated construction activity and of structures adjacent to the construction, must be provided. The support of ground and structures adjacent to the anticipated construction, with preservation of adjacent ground and structures from the adverse impact of construction activity, is therefore required.

A.8 INFLUENCE OF CONSTRUCTION ACTIVITY

There is a direct correlation between construction activity and adjacent structural performance. The influence of all anticipated construction activities should by considered by the contractor, owner, architect and prime engineer in consultation with a geotechnical engineer when the final design and construction techniques are known. EBA provides no warranty in respect to adverse circumstances resulting from construction activity.

A.9 OBSERVATIONS DURING CONSTRUCTION

Because of the nature of geologic deposits, the judgmental character of the art of soil and foundation engineering, as well the potential of adverse circumstances arising from construction activity, observations during site preparation, excavation and construction should be carried out by a geotechnical engineer. These observations then may serve as the basis for confirmation and/or alteration of geotechnical recommendations or design guidelines presented herein to the benefit of the project.

A.10 DRAINAGE SYSTEMS

Where drainage systems are installed within or around a structure, the systems which will be installed must protect the structure from loss of ground due to internal erosion and must be designed so as to assure continued performance of the drains. Specific design detail of such systems should be developed or reviewed by the geotechnical engineer. Unless otherwised specified, it is a condition of this report that effective drainage systems are required and that they must be considered in relation to project purpose and function.

A.11 BEARING CAPACITY

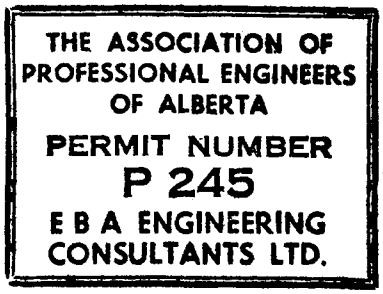
Design bearing capacities, loads and allowable stresses quoted in this report relate to a specific soil type and soil condition. Construction activity and environmental circumstances can materially change a soil condition. The elevation at which a soil type occurs is variable. It is a requirement of this report that structural elements be founded in and/or upon geologic materials of the type and in the condition assumed. Sufficient observations should be made by qualified geotechnical personnel during construction to assure that the soil conditions assumed in this report exist in fact.

A.12 SAMPLES

EBA will retain all soil and rock samples for 30 days. Further storage or transfer of samples can be made at owner expense upon written request.

A.13 STANDARD OF CARE

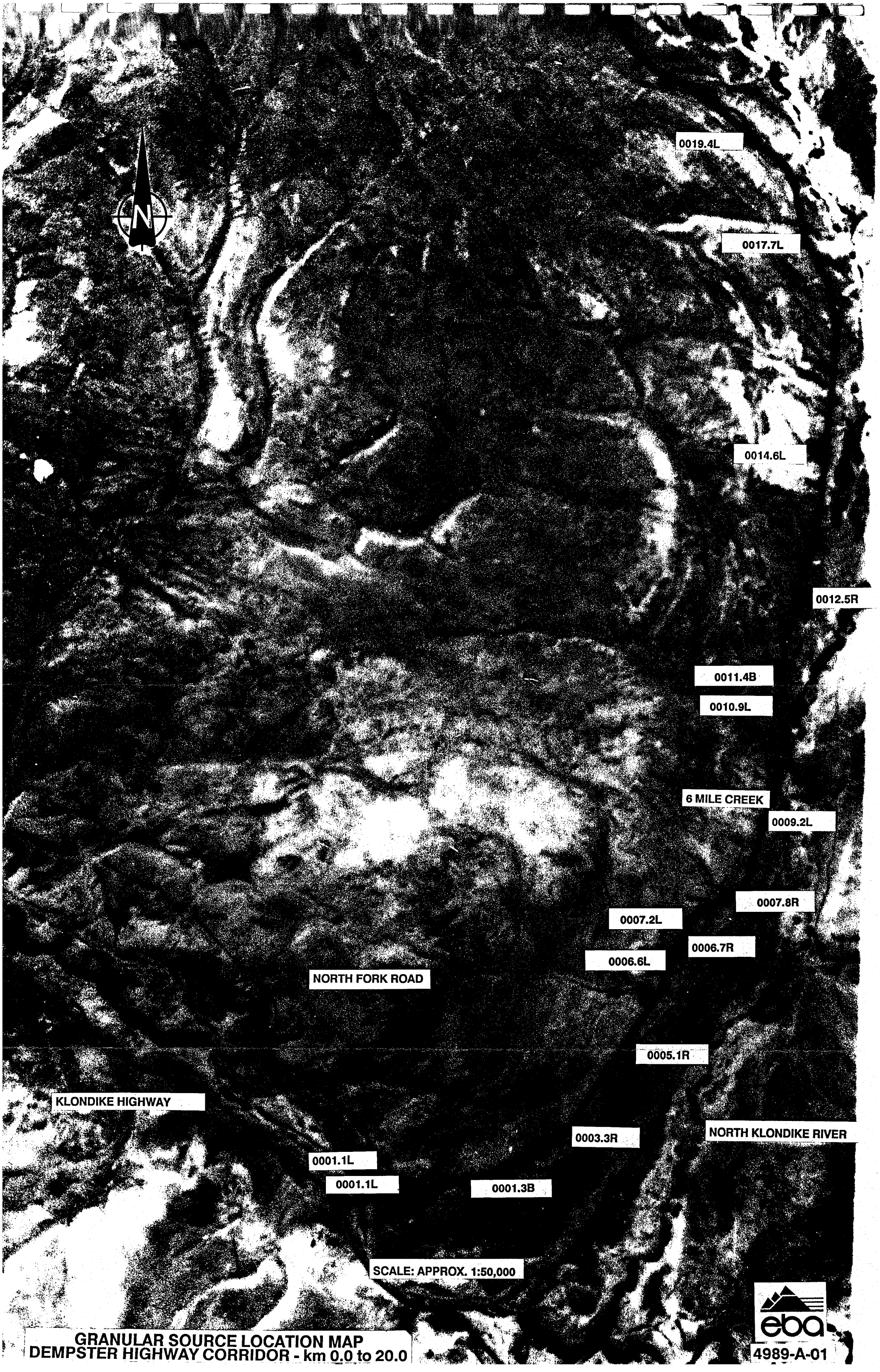
Services performed by EBA for this report are conducted in a manner consistent with that level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, express or implied, is made.

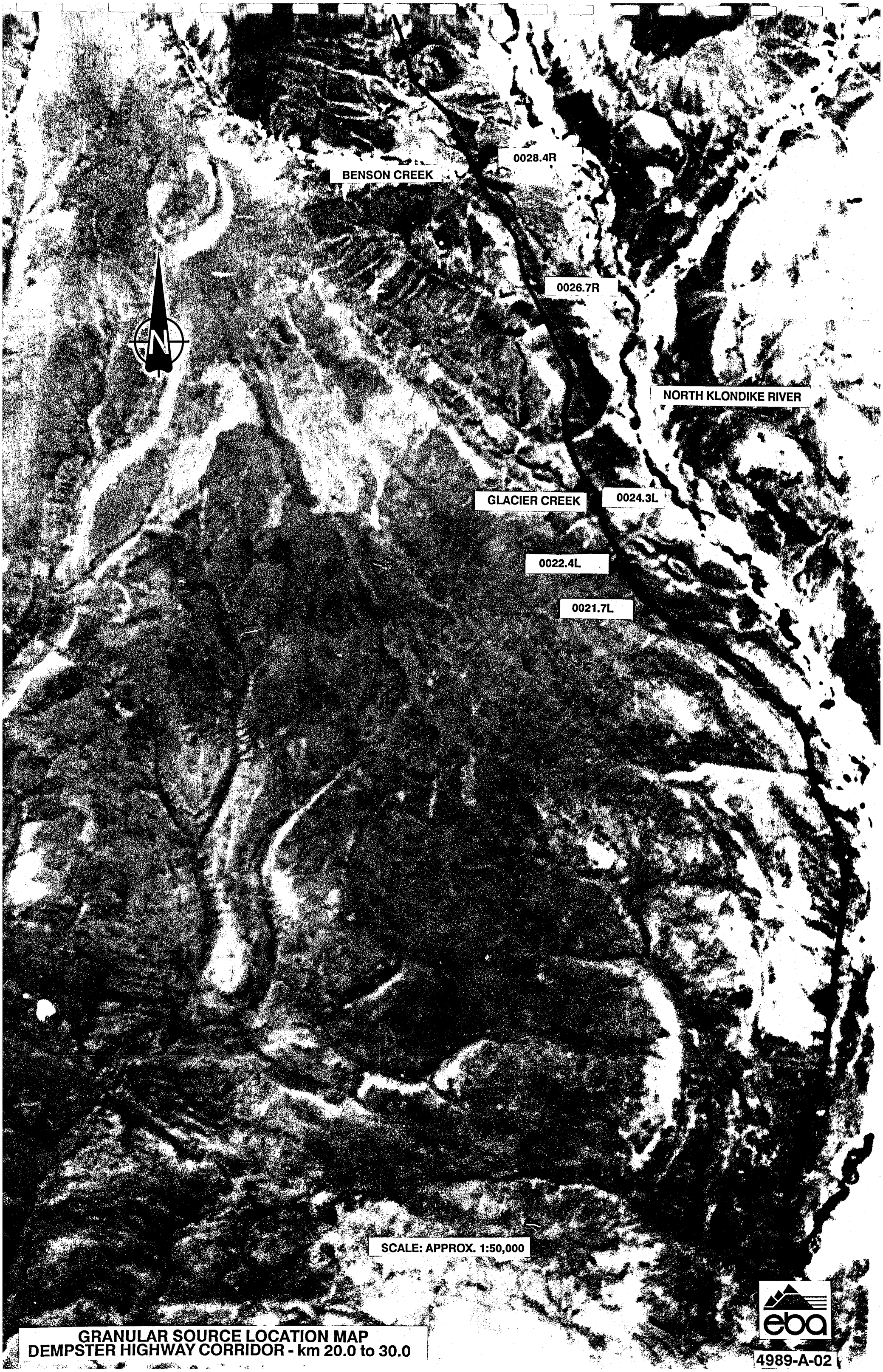


APPENDIX A

GRANULAR SOURCE LOCATION MAPS

DRAWINGS NO. 4989-A-01 to -18 1:50,000 SATELLITE IMAGERY
DRAWINGS NO. 4989-A-19 to -22 1:50,000 MAPS
DRAWINGS NO. 4989-A-23 to -26 1:250,000 MAPS


N
0019.4L
0017.7L
0014.6L
0012.5R
0011.4B
0010.9L
6 MILE CREEK
0009.2L
0007.8R
0007.2L
0006.7R
0006.6L
NORTH FORK ROAD
0005.1R
KLONDIKE HIGHWAY
NORTH KLONDIKE RIVER
0003.3R
0001.1L
0001.1L
0001.3B
SCALE: APPROX. 1:50,000
eba
GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 0.0 to 20.0
4989-A-01



GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 20.0 to 30.0

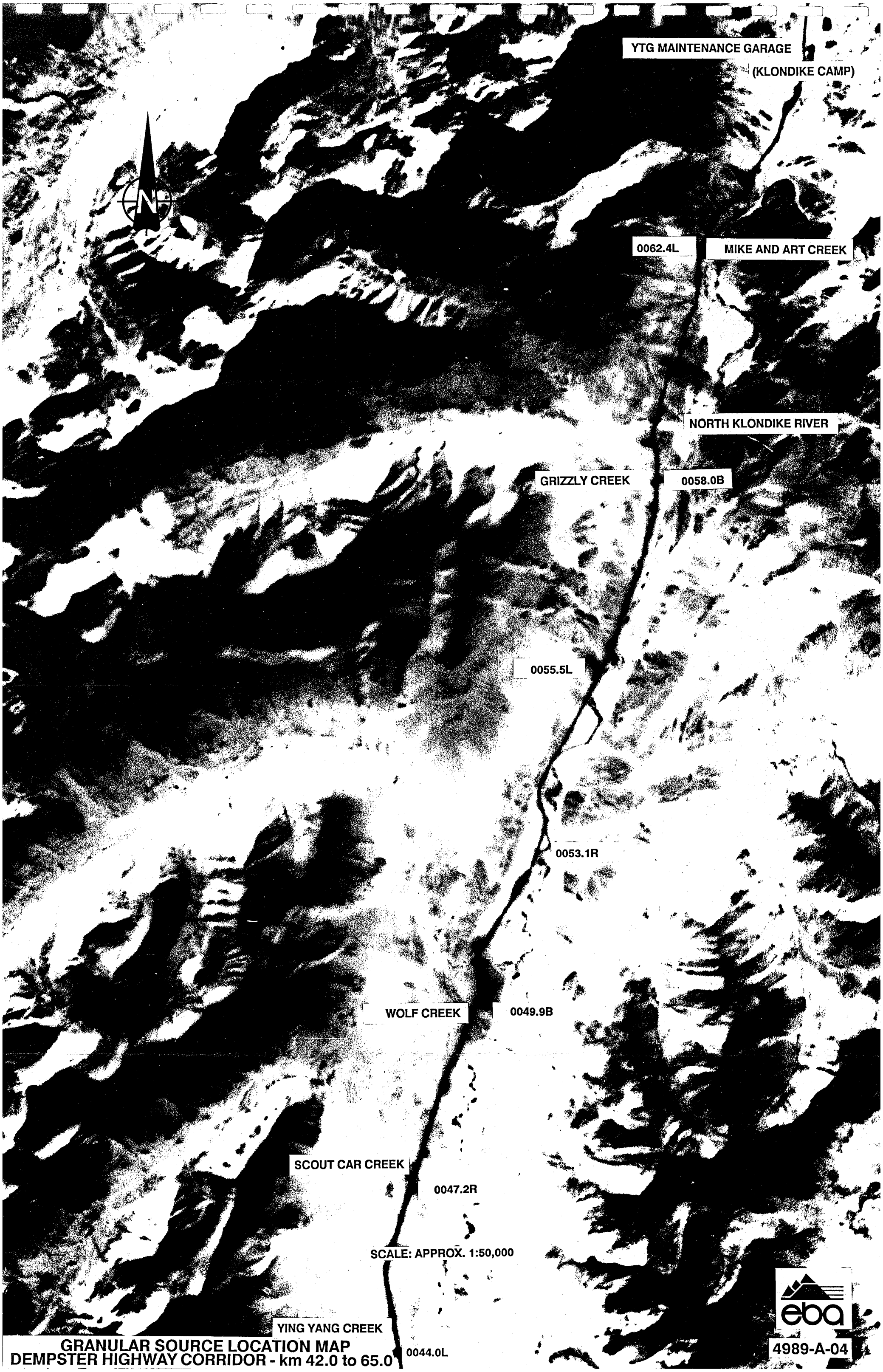
eba

4989-A-02

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 30.0 to 42.0

eba

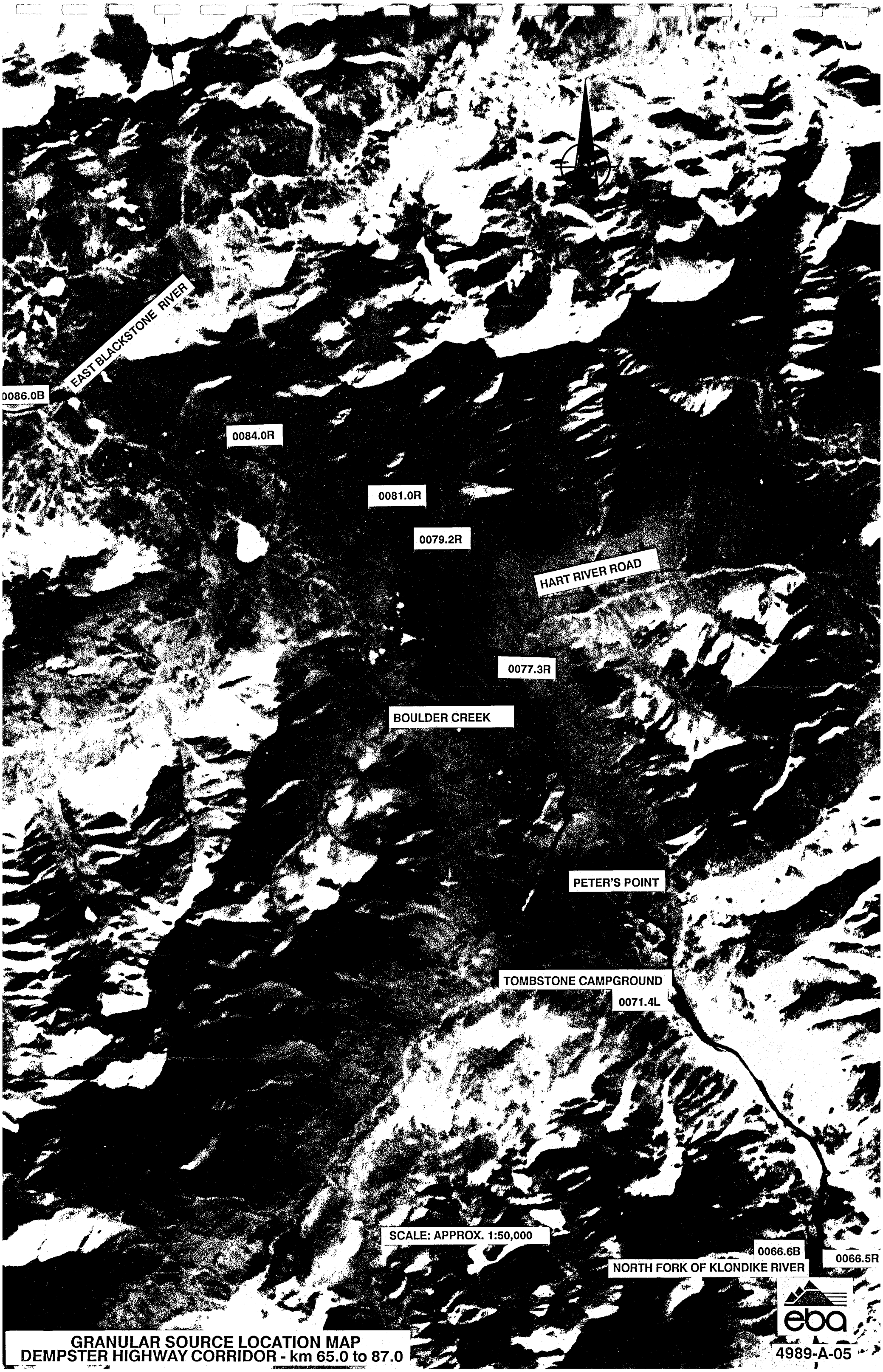
4989-A-03



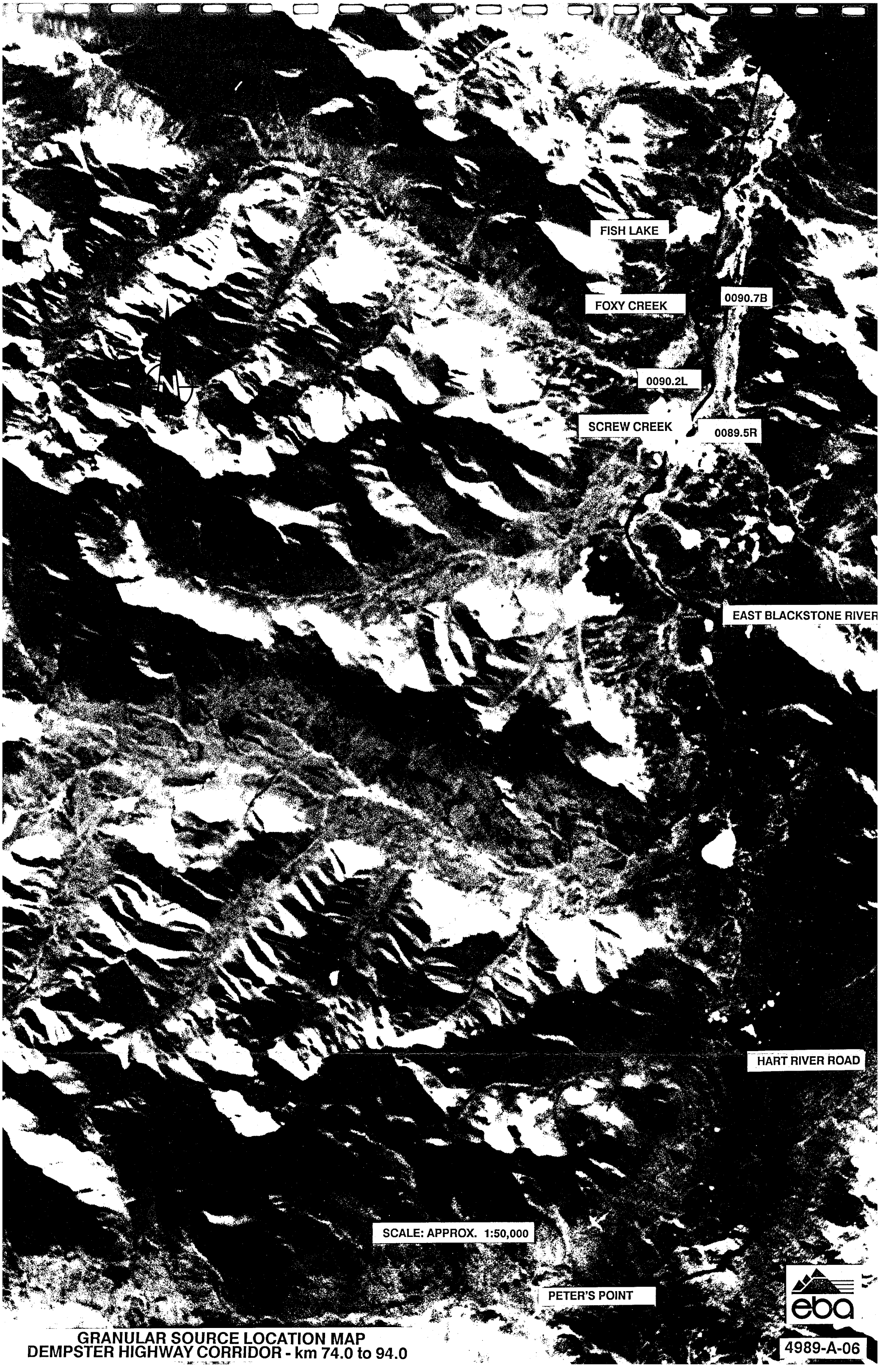
GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 42.0 to 65.0

eba

4989-A-04



GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 65.0 to 87.0



GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 74.0 to 94.0

eba

4989-A-06

0114.7B

WEST BLACKSTONE RIVER

0112.7L

0105.6B

BLACKSTONE RIVER

0094.8R

SCALE: APPROX. 1:50,000

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 94.0 to 115.0

eba

4989-A-07

0136.0L

BLACKSTONE RIVER

0131.2B

CASH CREEK

0127.0R

OLD MILE 78 AIRSTRIP

0122.8B

SCALE: APPROX. 1:50,000

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 117.0 to 138.0

CHAPMAN LAKE

0117.0R

eba

4989-A-08

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 129.0 to 153.0

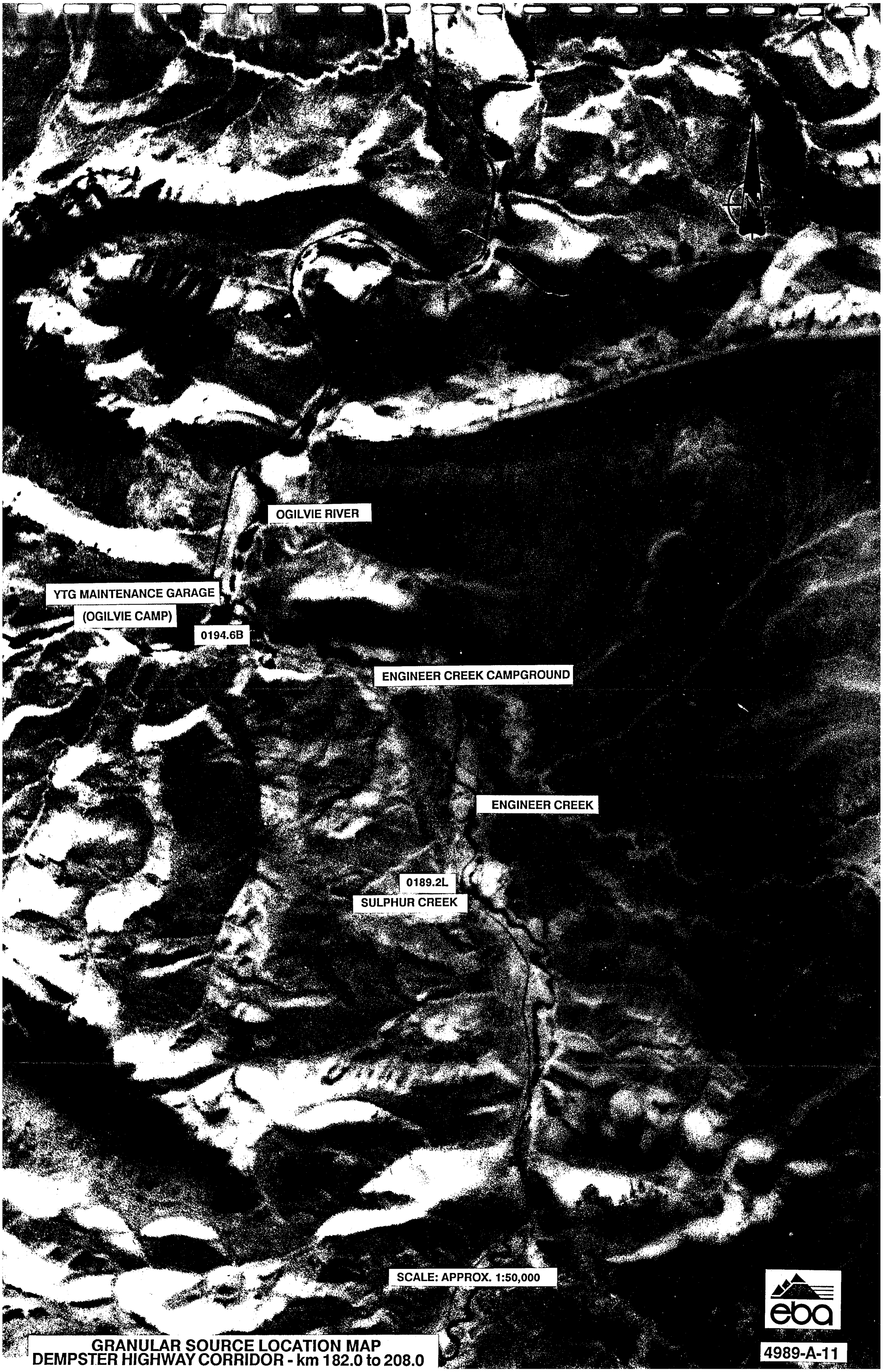
eba

4989-A-09

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 152.0 to 180.0

eba

4989-A-10



GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 182.0 to 208.0

eba

4989-A-11

CHURCHWARD HILL

OGILVIE RIVER

DAVIES CREEK

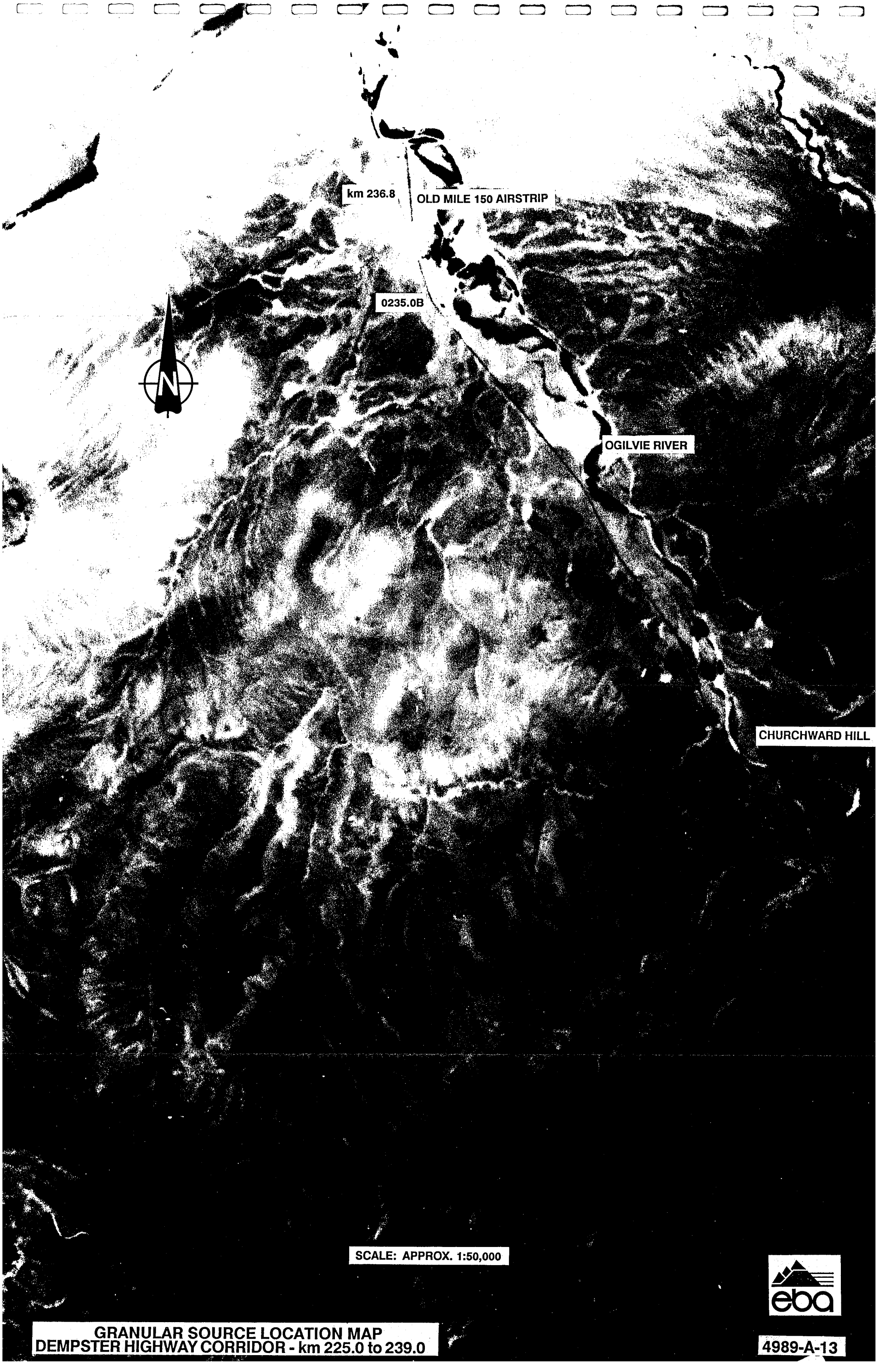
SCALE: APPROX. 1:50,000

0210.8L

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 209.0 to 230.0

eba

4989-A-12



GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 225.0 to 239.0

eba

4989-A-13

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 240.0 to 268.0

eba

4989-A-14

N

SANDSTONE QUARRY

km 283 SANDSTONE QUARRY (YTG)

SANDSTONE QUARRY

SANDSTONE QUARRY

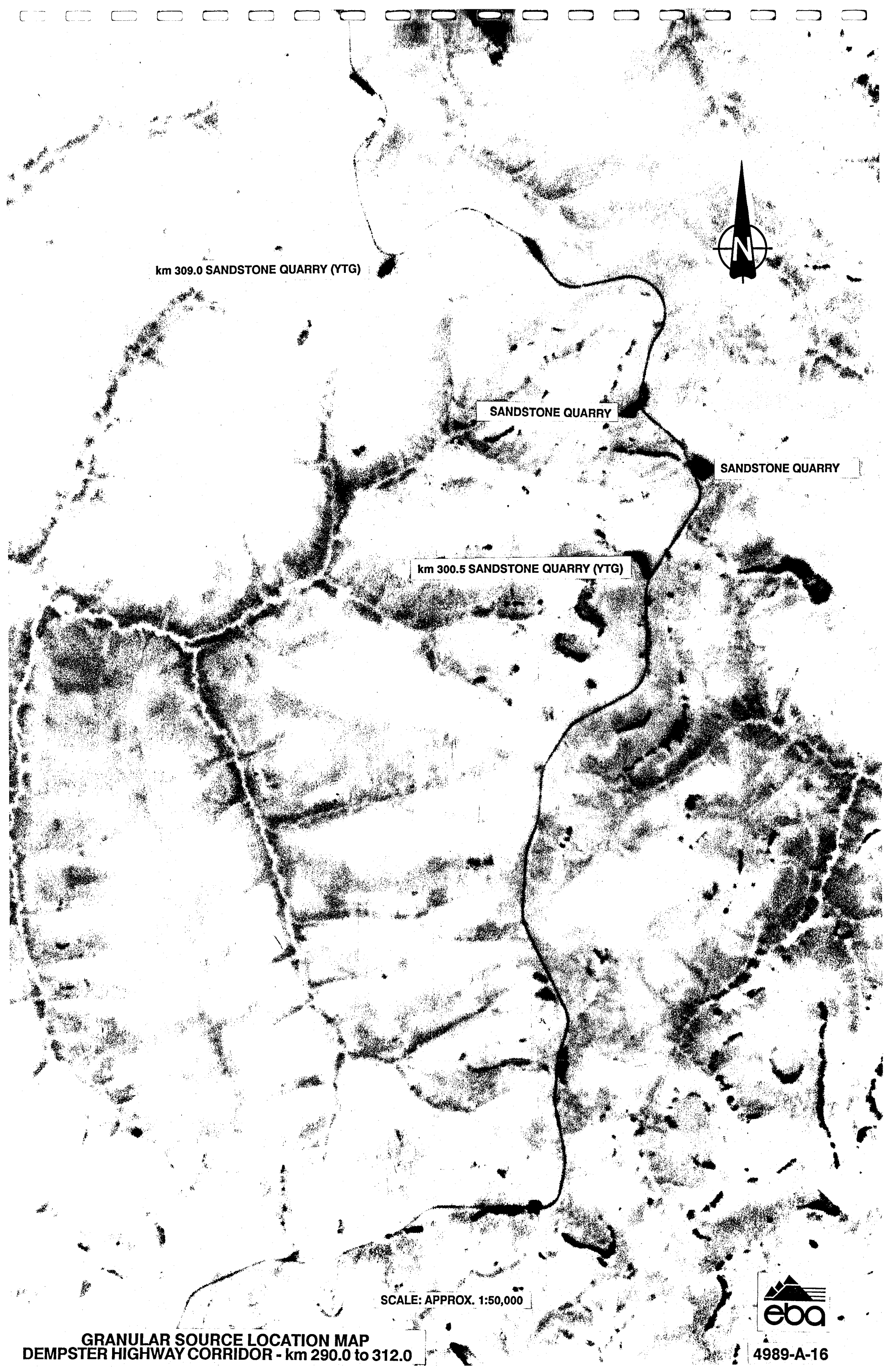
SANDSTONE QUARRY

SCALE: APPROX. 1:50,000

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 265.0 to 290.0

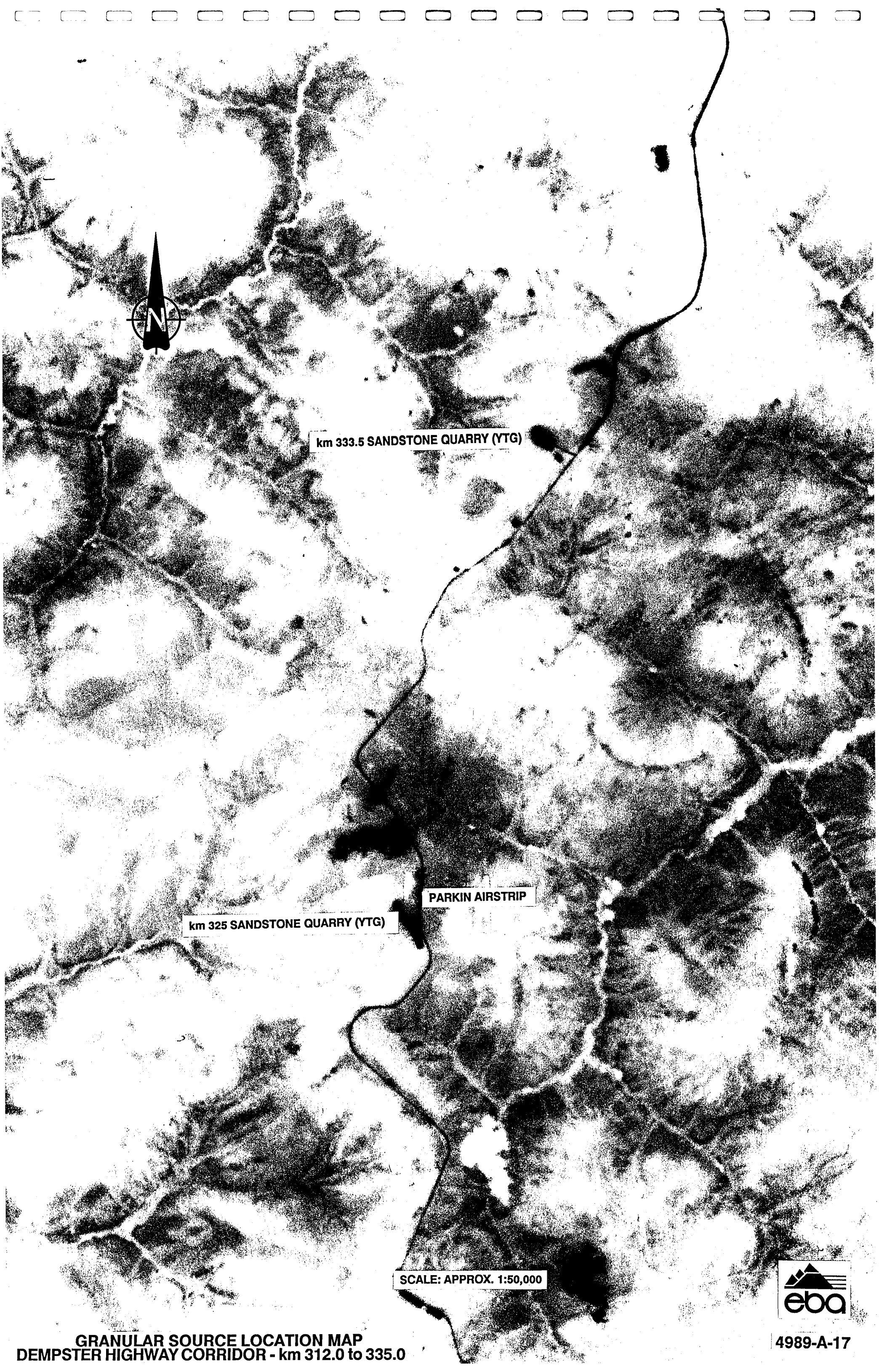
eba

4989-A-15



GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 290.0 to 312.0

4989-A-16



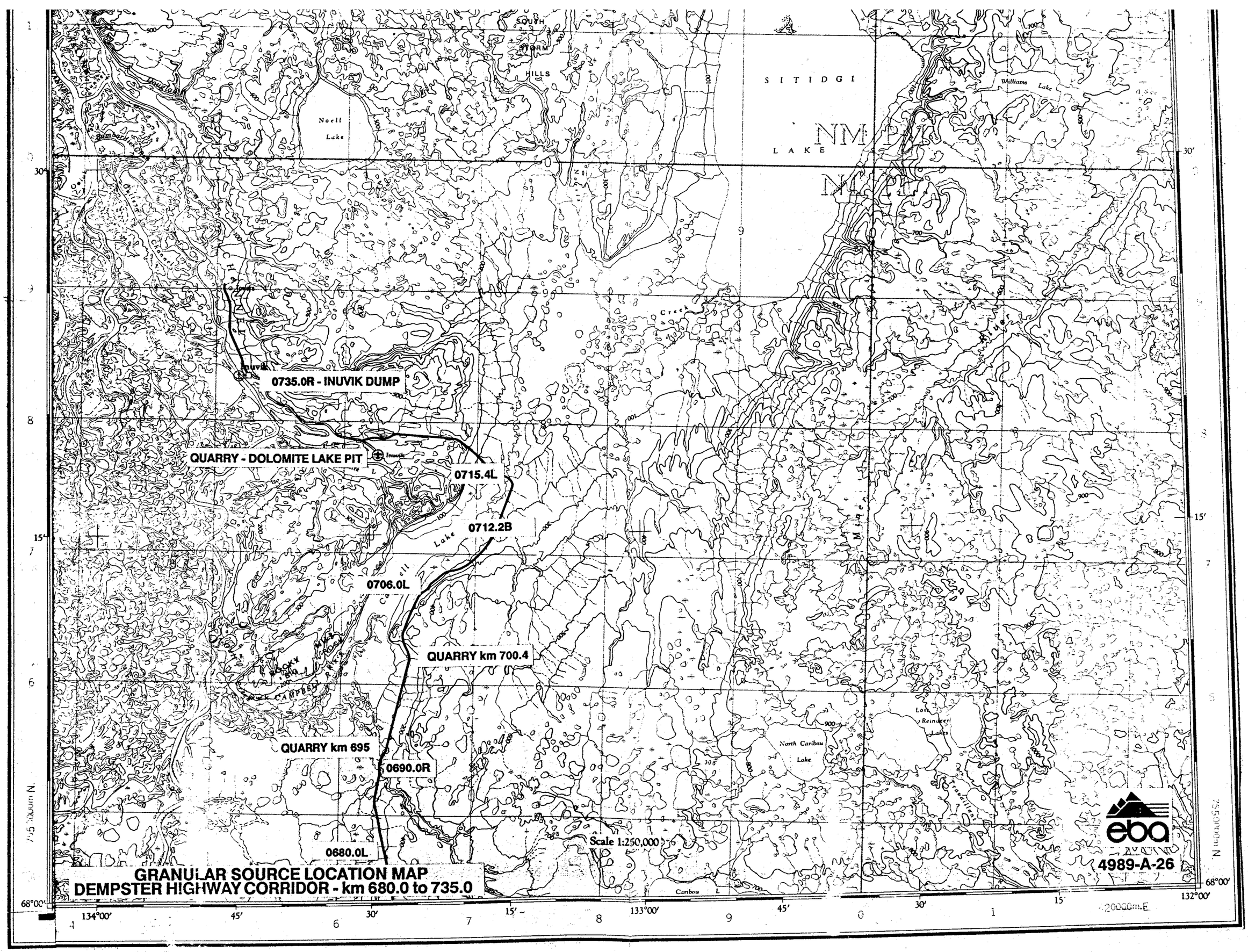
GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 312.0 to 335.0

4989-A-17

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 340.0 to 368.0

eba

4989-A-18


0735.0R - INUVIK DUMP
QUARRY - DOLOMITE LAKE PIT
0715.4L
0712.2B
0706.0L
QUARRY km 700.4
QUARRY km 695
0690.0R
0680.0L
GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 680.0 to 735.0
Scale 1:250,000
4989-A-26
SITIDGI
LAKE
Noell Lake
Williams Lake
North Caribou Lake
Caribou L
Inuvik
68°00'
134°00'
45'
30'
15'
133°00'
132°00'

AKLAVIK 107 B

134°00′ 45′ 30′ 15′ 133°00′ 45′ 30′ 15′ 132°00′

69°00′ N

Parsons
Thumb Point
Lake
Dog Head
Point
Zed
Lake
Creek
ESKIMO
LAKES
Five
Hundred
Lake
Old Man
Lake
WORTH STORM HILLS
West
Hans
Lake
East
Hans
Lake
Hans
Bay
Bonnieville
Pt
Face Pt
Stanley Pt
Whale
Point
Ration
Bay
Point
Scissor
Lakes
West Round
Lake
East Round Lake
Jimmy
Lake
SOUTH
STORM
HILLS
SITIDGI
LAKE
Noell
Lake
Williams
Lake
Douglas
Bamboo River
Chilcotin
Channel
Shelter
Creek
Silver Creek

45′

30′

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 591.0 to 680.0

NORTHWEST TERRITORIES
TERRITOIRES DU NORD-OUEST

Scale 1:250 000

4989-A-25

eba

0611.3R
0609.0L
0599.0L

NK PK

PEEL RIVER PRESERVE

MACKENZIE RIVER

FLEUVE MACKENZIE

Fort McPherson 48 km

Arctic Red River

Ramparts

Cardinal L.

Puzzle Lake

Clearwater Lake

Old Jon

Point Cut

Fishing Bear

Midsummer

Barney L.

Whirl Lake

Arctic Red River

Islands

Coal Bay

Don L.

Three Forks L.

Turalite L.

Nagla L.

Rock Cove

Nazan Lake

Big Woman L.

Aztec Lake

Bernadette Lake

Creek

Pierre Lake

Dzien Dle Lake

Thad L.

Mission

Frog Creek Fount

Ramey L.

Ernest Lakes

Bashman Lake

Sydon Lake

Big Stone Lake

Grassy L.

Lake 205

Rat L.

Painted Hill

Birch Lake

Rabbit

Hoy

Big

River

Creek

Lake

Fishhook

Kutcho

Lakes

Ramparts

Arctic Red River

Islands

Coal Bay

Don L.

Three Forks L.

Turalite L.

Nagla L.

Rock Cove

Nazan Lake

Big Woman L.

Aztec Lake

Bernadette Lake

Creek

Pierre Lake

Dzien Dle Lake

Thad L.

Mission

Frog Creek Fount

Ramey L.

Ernest Lakes

Bashman Lake

Sydon Lake

Big Stone Lake

Grassy L.

Lake 205

Rat L.

Painted Hill

Birch Lake

Rabbit

Hoy

Big

River

Creek

Lake

Fishhook

Kutcho

Lakes

67°00′

134°00′ YUKON TERRITORY
TERRITOIRE DU YUKON

45′

560000m E.

30′

15′

133°00′

45′

30′

15′

620000m E.

132°00′

7440000m N.

ARCTIC RED RIVER
106 N

0672.0B
0670.0L
0611.3R

REINDEER GRAZING RESERVE

EAST CHANNEL MACKENZIE RIVER FLEUVE MACKENZIE

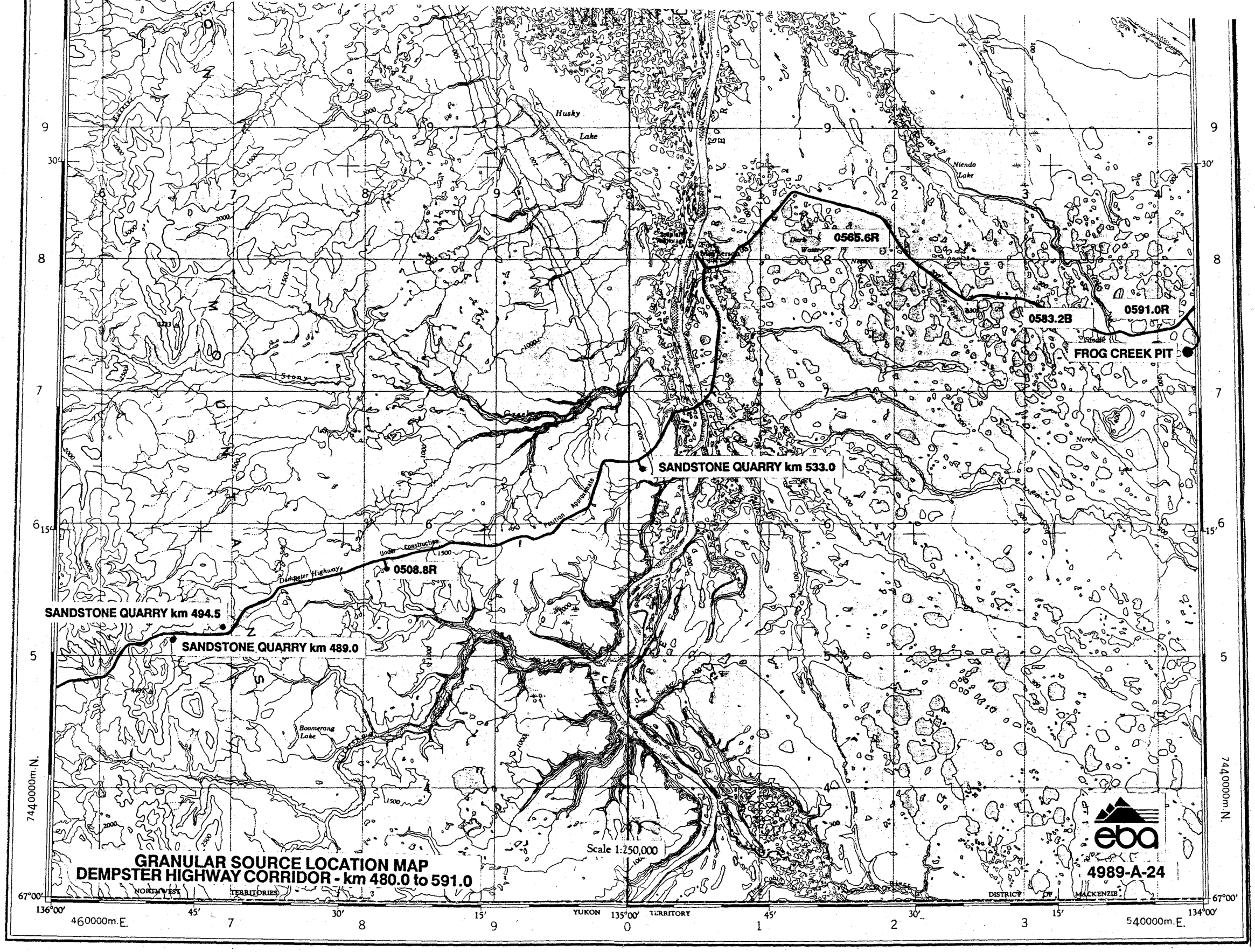
Inuvik 57 km

Dempster Highway

Caribou Lake
Caribou Creek
Hill 734 ± Lake
Otter Lake
High Point Lake
Fish Trap L
Travellant L
Wood Bridge Lake
Sunny Lake 605 ±
Point
David L
River Crossing Creek L
Sandy Lake 551 ±
Tregnantchitez Lake
Odizen Lake 816 ±
Lower Overflow Lk
Upper Overflow Lake
Rengleng L 729 ±
Rengleng
Tundra Lake
Smith Lake
Beaver L
Cardinal L
Clearwater Lake
Burnt L
Point Cut
Fishing Beach
Old Jon L
Puzzle Lakes
River
Wounded Bear Lake
Deep Lake 688 ±
Jiggle Lake 708 ±
Bathing Lake 670 ±
Loche Lake 673 ±
Big Stone Lake 666 ±
Midsqueezed L
Barney L
Whirl Lake
Grassy L
Ramparts
Arctic Red River
Lake 205 ±

NL PL
NK PK

134°00′ 45′ 30′ 15′ 133°00′ 45′ 30′ 15′ 132°00′
68°00′
45′
30′
550000m E.
620000m E.
7540000m N.


SANDSTONE QUARRY km 533.0
0565.6R
0583.2B
0591.0R
FROG CREEK PIT
0508.8R
SANDSTONE QUARRY km 494.5
SANDSTONE QUARRY km 489.0
Husky Lake
Niendo Lake
Boomerang Lake
Under Construction
Dempster Highway
Scale 1:250,000
GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 480.0 to 591.0
4989-A-24
NORTHWEST TERRITORIES
YUKON TERRITORY
DISTRICT OF MACKENZIE
460000m.E.
540000m.E.
7440000m.N.
136°00'
135°00'
134°00'
67°00'

460000m E.
540000m E.
136°00′
45′
30′
15′
135°00′
45′
30′
15′
134°00′
68°00′
7540000m N.

FORT McPHERSON
106M

Willow River
Mount Goodenough
Mount Sang
3302
Peel River
Husky Lake
Mackenzie River
Point of Separation
Niendo Lake
Dark Water
0565.6R

km 374.5 SHALE QUARRY

GLE RIVER LODGE & MAINTENANCE GARAGE

EAGLE PLAINS

CORBETT HILL

DEMPSTER HIGHWAY

VYAH RIVER

CHOO EHN-JUU CREEK

CORBETT HILL

YUKON TERRITORY

Scale 1:50 000 Échelle

ALTITUDES EN MÈTRES

ÉQUIDISTANCE DES COURBES ..... 10 MÈTRES

SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927

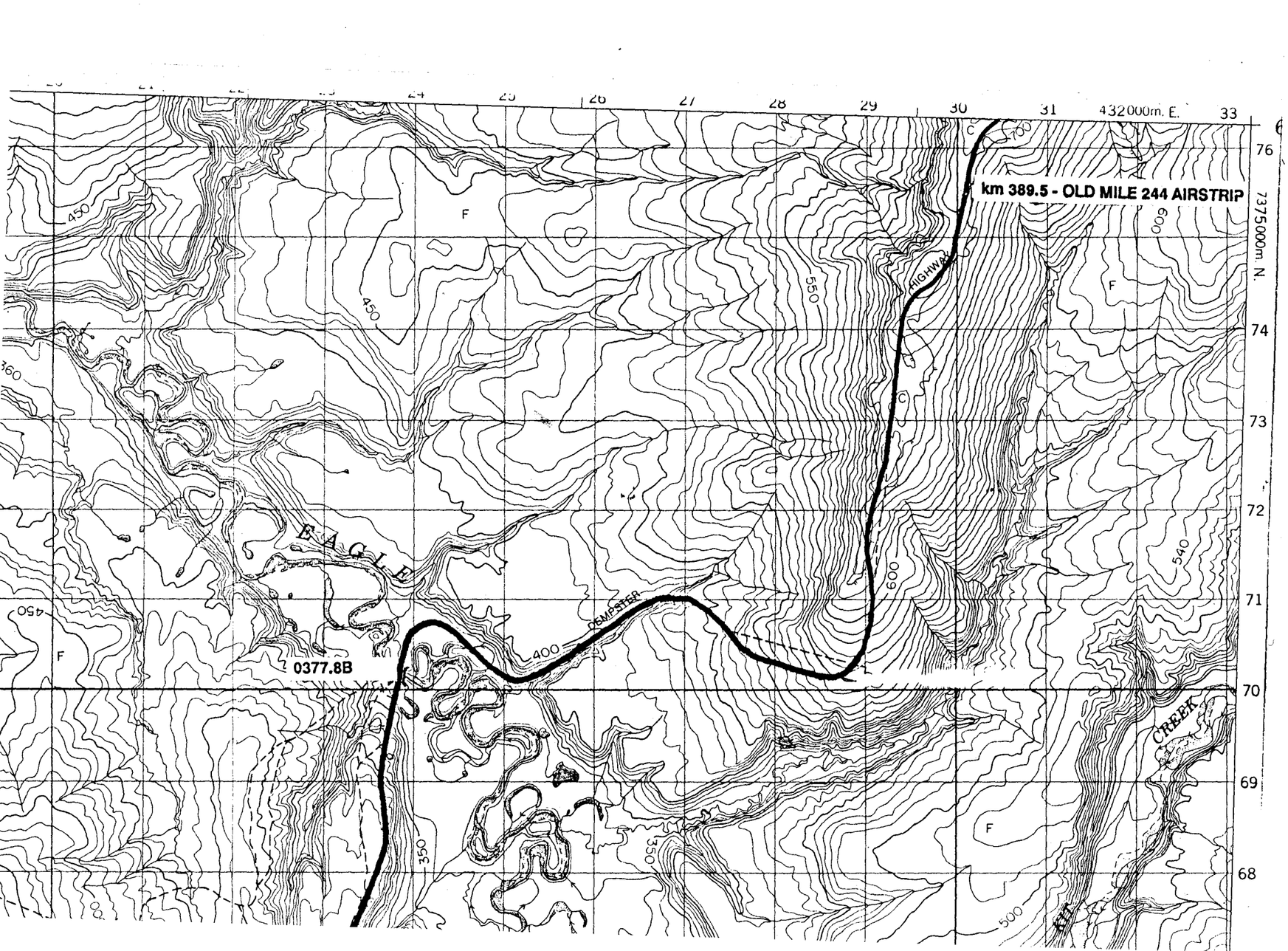
PROJECTION TRANSVERSE DE MERCATOR

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA. PUBLIÉE EN 1982.

CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

eba

4989-A-19


km 389.5 - OLD MILE 244 AIRSTRIP
0377.8B
EAGLE
DEMPSTER
HIGHWAY
CREEK
432000m. E.
7375000m. N.
450
400
350
550
600
540
500
F
C

(CONDITION UNKNOWN)

EAGLE RIVER LODGE & MAINTENANCE GARAGE

EAGLE PLAINS

CORBETT HILL

DEMPSTER HIGHWAY

CHOO

EHNJUU

825

67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

7350000m. N.

411000m. E. 12 13 14 15 16 17 18 19 20 21 22 23 24

37°00′ 55′ 50′ 45′

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 352.0 to 391.0

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA. PUBLISHED IN 1982.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA, OR YOUR NEAREST MAP DEALER.

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL

CONTOUR INTERVAL ..... 10 METRES

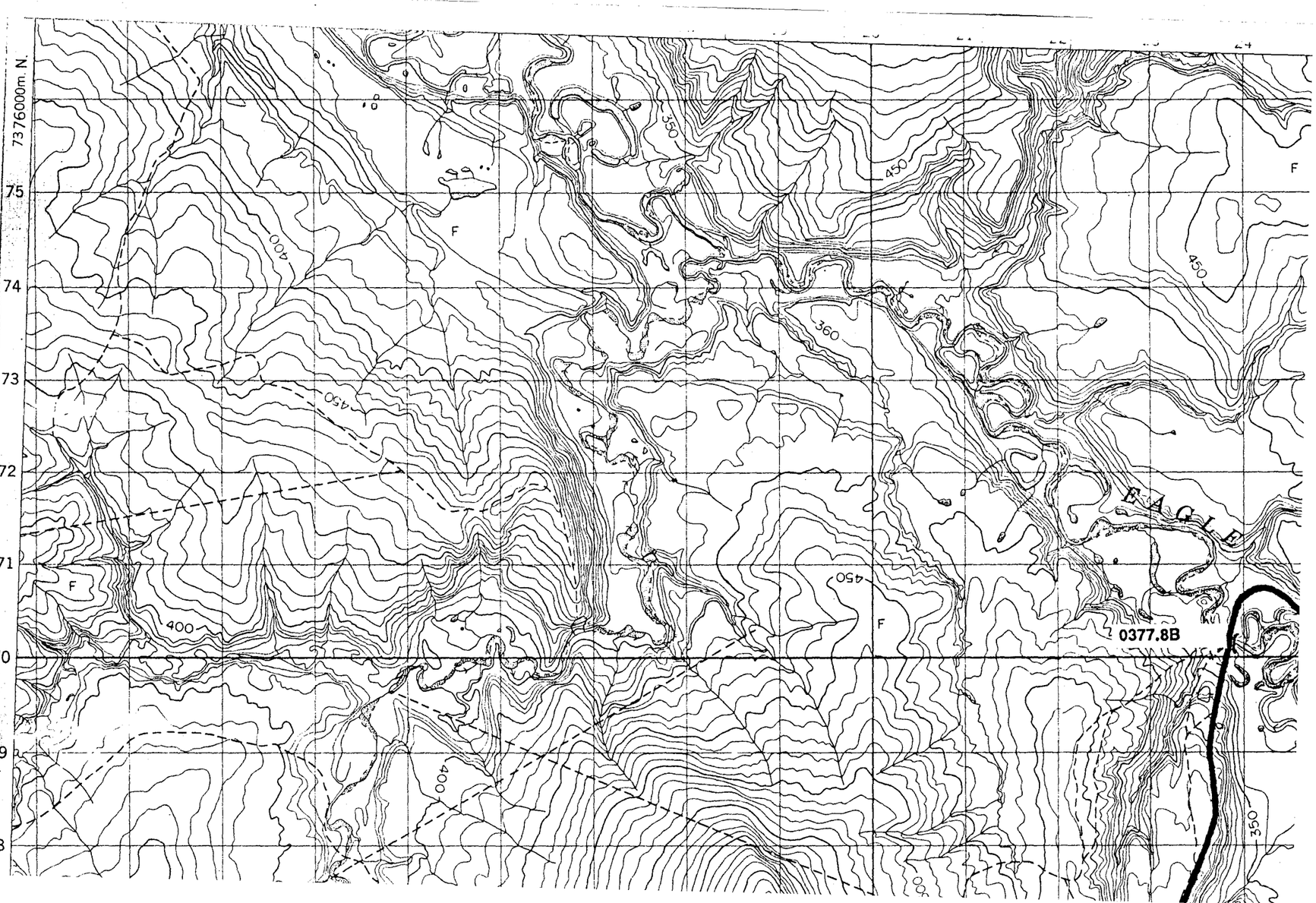
NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

CORBETT HILL

YUKON TERRITORY

Scale 1:50 000 Échelle


7376000m. N.
75
74
73
72
71
70
69
68
400
450
350
360
F
EAGLE
0377.8B

MOUNT JOYAL

YUKON TERRITORY

Scale 1:50 000 Échelle

ALTITUDES EN MÈTRES

ÉQUIDISTANCE DES COURBES ..... 10 MÈTRES

SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927

PROJECTION TRANSVERSE DE MERCATOR

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MOUNT JOYAL

TSILVII CREEK

TIK

ICHI

DEMPSTER HIGHWAY

km 396

km 391

eba

4989-A-20

352 km

94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78

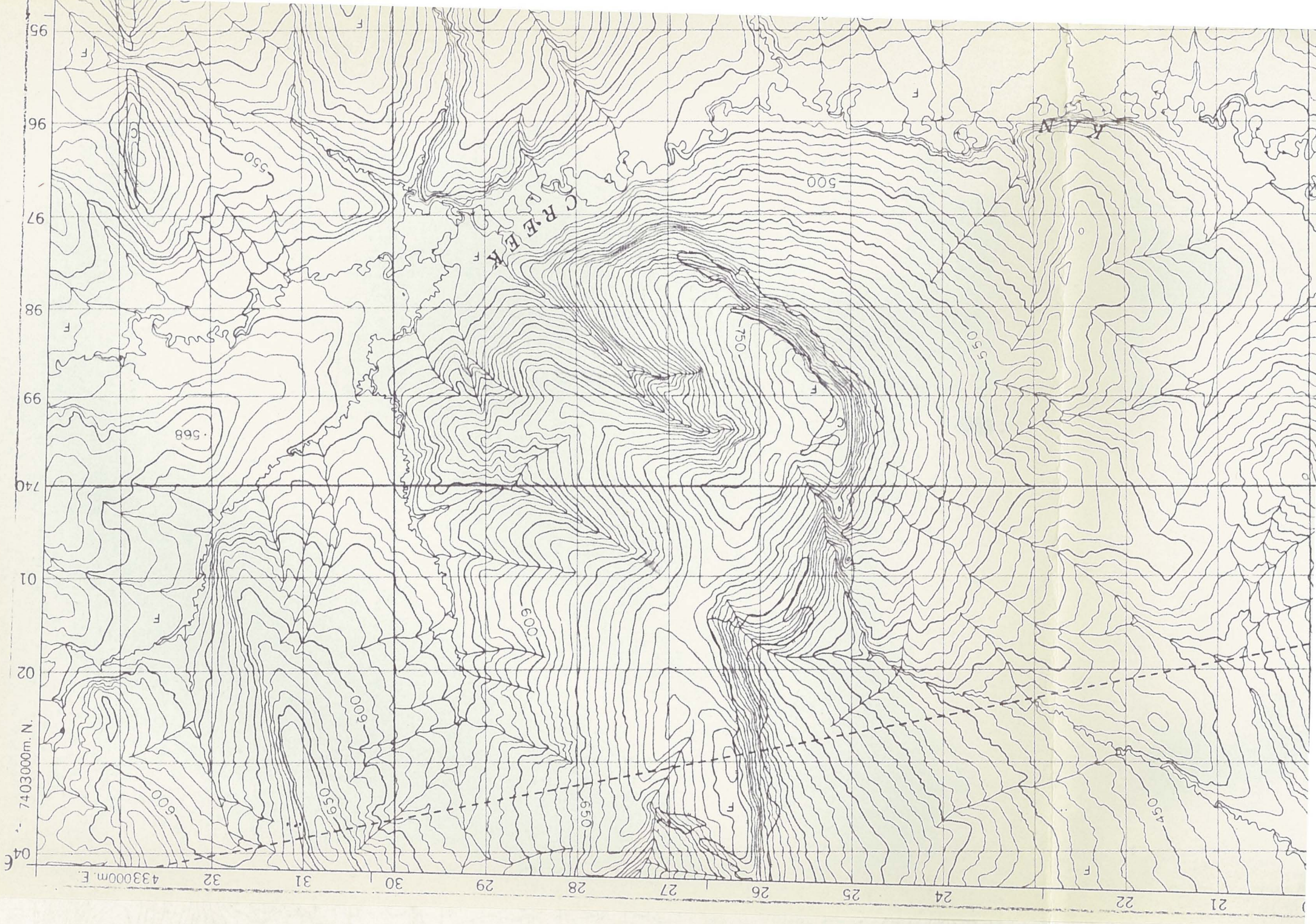
20 21 22 23 24 25 26 27 28 29 31 33

45′ 40′ 35′

432000m. E.

7377000m. N.

136°30


7403000m. N.
4330000m. E.
CREEK
MAN
500
550
600
650
568

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 391.0 to 396.0

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA. PUBLISHED IN 1982.

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ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL

CONTOUR INTERVAL ..... 10 METRES

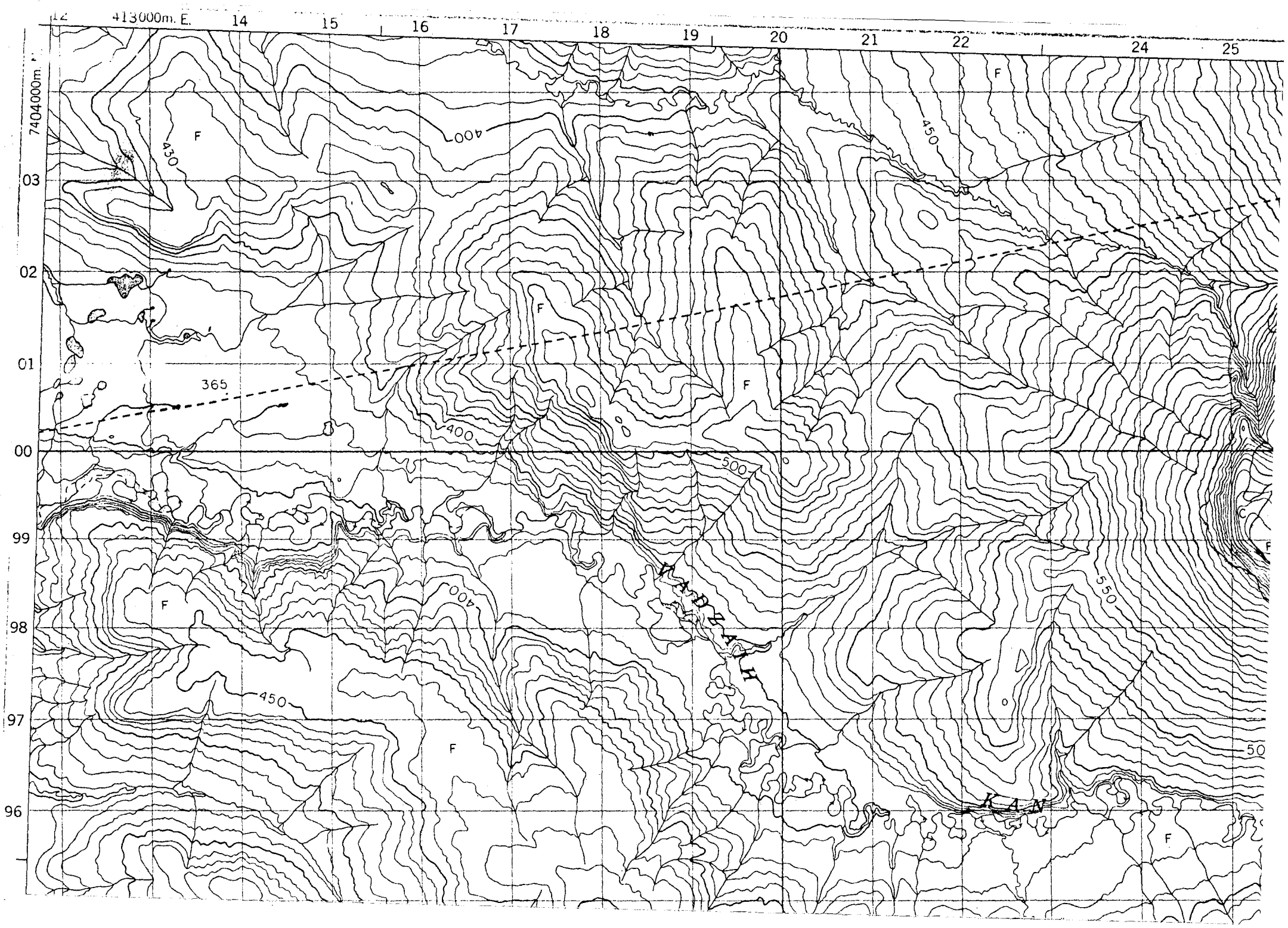
NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

MOUNT JOYAL

YUKON TERRITORY

Scale 1:50 000 Échelle


413000m. E.
12
14
15
16
17
18
19
20
21
22
24
25
7404000m. N.
03
02
01
00
99
98
97
96
430
400
450
F
365
500
550
KAN

0417.0R

SHALE QUARRY km 412.3

CLAY PIT km 407.3

ARCTIC CIRCLE REST STOP km 405.6

SANDSTONE QUARRY km 402.9

DEMPSTER HIGHWAY

TSIVII CREEK

VICHI LK

MOUNT HARE 1235

786

697

638

714

726

598

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 395.0 to 427.0

7377000m. N.

434000m. E.

136°30′ 25′ 20′ 15′

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA. PUBLISHED IN 1982.

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ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL

CONTOUR INTERVAL ..... 10 METRES

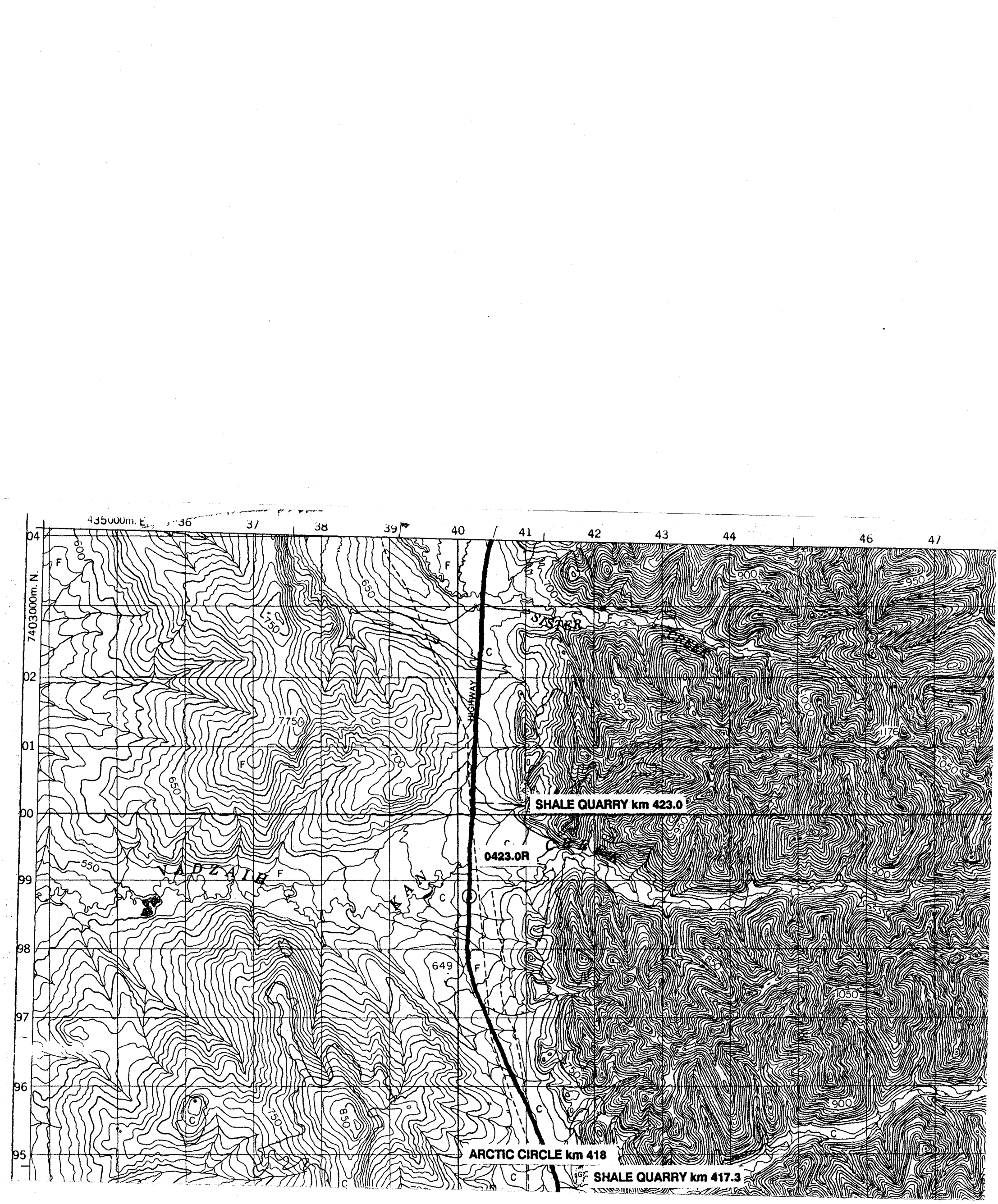
NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

MOUNT HARE

YUKON TERRITORY

Scale 1:50 000 Échelle


435000m. E.
36
37
38
39
40
41
42
43
44
46
47
04
02
01
00
99
98
97
96
95
7403000m. N.
600
650
700
750
7750
550
649
850
900
950
1050
1176
F
C
SISTER
HIGHWAY
SHALE QUARRY km 423.0
0423.0R
ARCTIC CIRCLE km 418
SHALE QUARRY km 417.3

117.0R

SHALE QUARRY km 412.3

CLAY PIT km 407.3

ARCTIC CIRCLE REST STOP km 405.6

STONE QUARRY km 402.9

MOUNT HARE

Mount Hare 1235

Dempster Highway

Eagle Plain

Richardson Mountains

Yukon

Kit Creek

94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 76

7377000m. N

42 43 44 45 46 47 49 50 51 52 53 54 455000m. E.

15′ 10′ 05′ 136°00

MOUNT HARE

YUKON TERRITORY

Scale 1:50 000 Échelle

ALTITUDES EN MÈTRES

ÉQUIDISTANCE DES COURBES ..... 10 MÈTRES

SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMERICAIN 1927

PROJECTION TRANSVERSE DE MERCATOR

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA. PUBLIÉE EN 1982.

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eba

4989-A-21

42 43 44 46 47 48 49 50 51 52 53 54 455000m. E

ROCA RIVER

CHII NAHIL MOUNTAIN

CREEK

7403000m. N.

02 01 740 99 98 97 96 95

QUARRY km 423.0

SHALE QUARRY km 417.3

n 418

SHALE QUARRY km 436.1

ROCK RIVER km 432.9

0432.9R

SHALE QUARRY km 427.3

MOUNT CRONIN

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 427.0 to 463.0

397 km

16 15 14 13 12 11 10 09 08 07 06 7405000m. N.

435000m. E. 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54

36°30′ 25′ 20′ 15′ 10′ 05′

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA. PUBLISHED IN 1982.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA OR YOUR NEAREST MAP DEALER.

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL

CONTOUR INTERVAL..... 10 METRES

NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

MOUNT CRONIN
YUKON TERRITORY

Scale 1:50 000 Échelle

ALTITUDES EN MÈTRES

ÉQUIDISTANCE DES COURBES..... 10 MÈTRES

SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927

PROJECTION TRANSVERSE DE MERCATOR

ÉTABLIE PAR LA DIRECTION ... GRAPHIE, MINISTÈRE DE L'ÉN... SOURCES, OTTAWA. PUBLIÉE ...

CES CARTES SONT EN VENT... CANADA, MINISTÈRE DE L'ÉN... SOURCES, OTTAWA, OU CHE...

74 31000m. N.

41 42 43 44 45 46 47 48 49

30 29 28 27 26 25 24 23

HIGHWAY

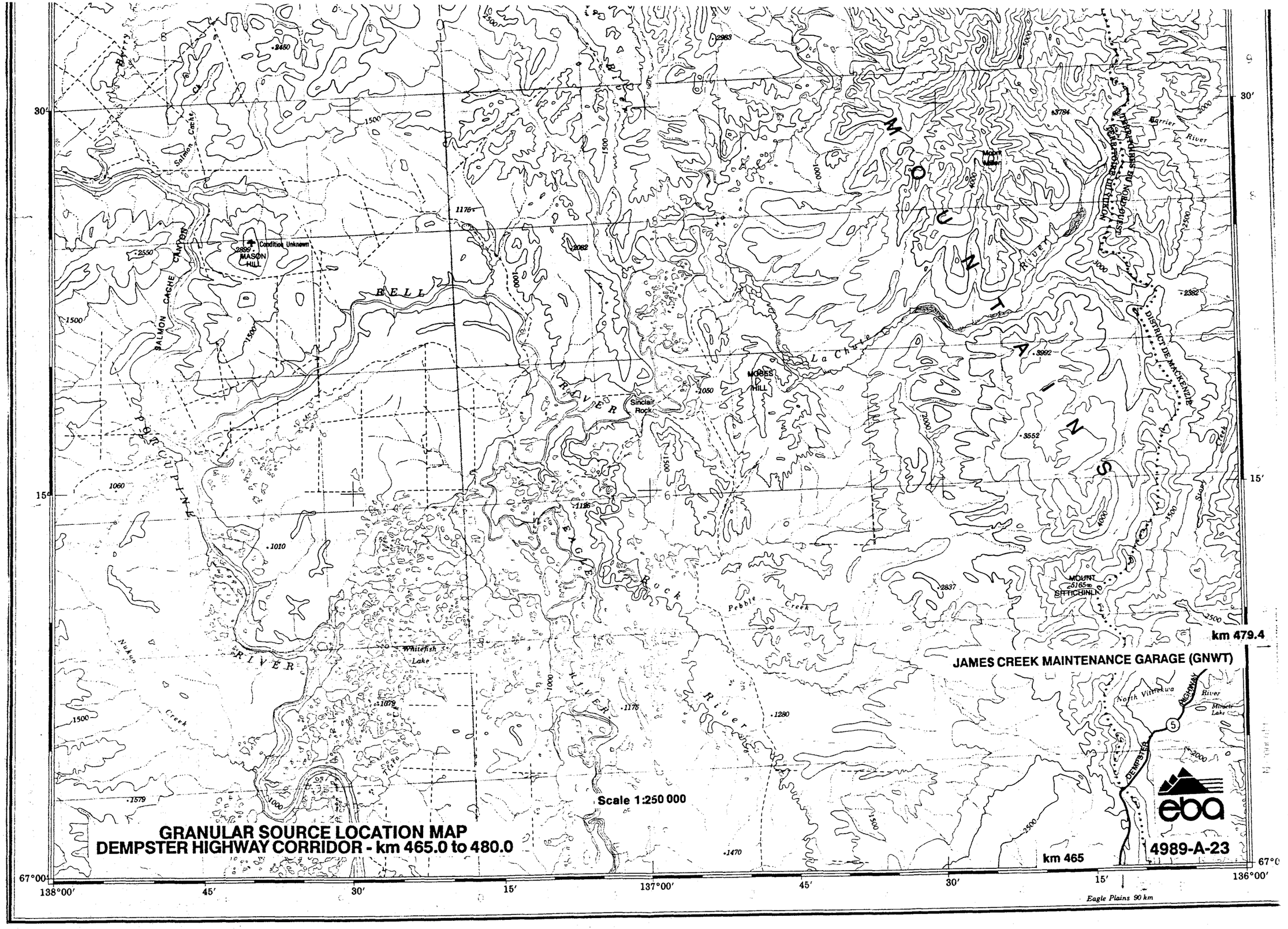
SHALE QUARRY km 450.0

NORTH CORNWALL RIVER

CORNWALL RIVER CAMPGROUND km 445.8

0446.0B

R I C H A R D S O N


GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 465.0 to 480.0
Scale 1:250 000
JAMES CREEK MAINTENANCE GARAGE (GNWT)
km 479.4
km 465
4989-A-23
eba
Eagle Plains 90 km
MOUNTAINS
BELL
RIVER
Condition Unknown
MASON HILL
MOOSE HILL
Sinclair Rock
MOUNT SITTICHINLI
Whitefish Lake
Pebble Creek
Rock River
Nahun Creek
Tiyo Creek
North Yukon River
Miracle Lake
DEMPSTER HIGHWAY
DISTRICT DE MACKENZIE
Salmon Cache
Carrier River
Mount Wilson
138°00′
45′
30′
15′
137°00′
45′
30′
15′
136°00′
67°00
30′
15′

BELL RIVER
116 P

138°00′ 45′ 30′ 15′ 137°00′ 45′ 30′ 15′ 136°00′

68°00′ 45′ 30′

Mount McGuire 5116

Mount Russell

Mount Dennis

Summit Lake

Twin Lakes

Ogilvie Lake

Lake Lake

Symmetry Mountain

Horn Lake

Mount Millen

Barrier River

Salmon Creek

Takiak Creek

Dorrie Creek

Hart River

Blackstone River

Ogilvie River

Scha

Arrhen Ck

Condition Unknown

WHITE MOUNTAINS

DEMPSTER HIGHWAY

DISTRICT OF MACKENZIE

YUKON TERRITORY

NORTHWEST TERRITORIES

LL ML
LK MK

APPENDIX B

APPENDIX B

DATA DICTIONARY--REPORT CATALOGUE

DEMPSTER HIGHWAY CORRIDOR, YT/NWT
GRANULAR RESOURCES DATABASE

DATA DICTIONARY—REPORT CATALOGUE

PART A: STUDY REFERENCE AND LOCATION

AA - STUDY NUMBER:

A unique study identifier number which serves as a link to other databases (e.g. Source Catalogue, ESEBase Borehole database). This number consists of an eight-character field, with the first four characters an alphabetic prefix representing the geographical location of the database, followed by a dash and a three digit study number. The three digit number is derived from the chronological listing of all reports containing granular resource data from the study area.
(e.g. DHC-001: Dempster Highway Corridor - earliest report)

AB - YEAR:

The calender year in which the majority of the field work on the study was completed. (e.g. 1983)

AC - SPONSOR:

The name of the company, department, agency or organization sponsoring the study. (e.g. Indian and Northern Affairs Canada, Yukon Transportation Engineering, Public Works Canada)

AD - REPORT TITLE:

The title of the original report.

AE - CONTACT:

The name of the person within the sponsoring organization who might be contacted to obtain additional information on the study and/or authorization for its use.

AF - CONTRACTOR:

The name of the prime contractor, consultant or group contracted by the sponsor to undertake the study (e.g. EBA Engineering Consultants Ltd., Northern Engineering Services Ltd.)

AG - DATA QUALITY:

A subjective evaluation of the usefulness of the data in the report, relative to the preparation of the database.

AH - FILE NUMBER:

The contractor's file number.

AI - LOCATION MAP:

The location of the study area as identified using the Universal Transverse Mercator (UTM) co-ordinates of the southwestern and northeastern corners of a geographic block enclosing the study area. Separate data fields are included for the UTM zone and grid line of the minimum (western and southern) and maximum (eastern and northern) extremities of the block.

AJ - SITE PLAN:

A brief note discussing whether or not site plans were included in the report.

AK - LOCATION MAP NUMBER:

The map or plan number of any small scale accompanying regional map or trackplot which indicates the location of the study area, or series of separate detailed study/borrow sites or regional survey lines.

AL - SITE PLAN NUMBER:

The map or plan number(s) of up to six larger scale accompanying local maps, site plans or trackplots which indicate the location of individual detailed study/borrow sites, boreholes/ testpits/grab samples or detailed survey grids for separate study/borrow sites within the main study area.

AM - LOCATION MAP FORMAT:

The format or type of data containing the location of the study area, or series of separate detailed study/borrow sites or regional survey lines (e.g. paper copy; mylar original, folded blueline).

AN - SITE PLAN FORMAT:

The format(s) or type(s) of up to six larger scale accompanying local maps, site plans or trackplots which indicate the location of individual detailed study/borrow sites, boreholes/ testpits/grab samples or detailed survey grids for separate study/borrow sites within the main study area (e.g. paper copy; mylar original, folded blueline).

AO - LOCATION MAP SCALE:

The scale, expressed in terms of the representative fraction (e.g. 1:250,000) of any small scale accompanying regional map or trackplot which indicates the location of the study area, or series of separate detailed study/borrow sites or regional survey lines. The denominator only of the representative fraction is given since the numerator is consistently "1" (e.g. 250000)

AP - SITE PLAN SCALE:

The scale(s), expressed in terms of the representative fraction(s) (e.g. 1:50,000, 1:10,000) of up to six larger scale accompanying local maps, site plans or trackplots which indicate the location of individual detailed study/borrow sites, boreholes/ testpits/grab samples or detailed survey grids for separate study/borrow sites within the main study area. The denominator only of the representative fraction is given since the numerator is consistently "1" (e.g. 5000)

AQ - LOCATION MAP DIGITIZER NUMBER:

A unique five digit identifier number, to be assigned by INAC, which identifies a data set of points, lines, or polygons to be digitized from the location plan. This number links the report catalogue database to INAC's spatial database system.

AR - SITE PLAN DIGITIZER NUMBER:

A unique five digit identifier number or series of numbers, to be assigned by INAC, which identifies a data set of points, lines, or polygons to be digitized from the site plans. This number links the report catalogue database to INAC's spatial database system.

AS - LOCATION MAP ARCHIVING:

The general availability and, where appropriate, specific location of storage of any map or plan number of any small scale accompanying regional map or trackplot which indicates the location of the study area, or series of separate detailed study/borrow sites or regional survey lines (e.g. sponsor/contractor in-house, private/public repository, government agencies, ect.).

AT - SITE PLAN ARCHIVING:

The general availability and, where appropriate, specific location of storage of up to six larger scale accompanying local maps, site plans or trackplots which indicate the location of individual detailed study/borrow sites, boreholes/ testpits/grab samples or detailed survey grids for separate study/borrow sites within the main study area (e.g. sponsor/contractor in-house, private/public repository, government agencies).

AU - MINIMUM ZONE:

The UTM zone in which the southwestern corner of the enclosing block occurs. (e.g. 07)

AV - MINIMUM EASTING:

The UTM grid line of the western extremity of the enclosing block. (e.g. 381987)

AW - MINIMUM NORTHING:

The UTM grid line of the southern extremity of the enclosing block. (e.g. 7548335)

AX - MAXIMUM ZONE:

The UTM zone in which the northeastern corner of the enclosing block occurs. (e.g. 08)

AY - MAXIMUM EASTING:

The UTM grid line of the western extremity of the enclosing block. (e.g. 567428)

AZ - MAXIMUM NORTHING:

The UTM grid line of the northern extremity of the enclosing block. (e.g. 7661560)

A1 - SOURCE NUMBERS:

A cross - reference field (to the source catalogue) which lists the source numbers of the sources included in the report. (See Source Catalogue Data Dictionary for definition of the Source Number.)

A2 - OTHER SOURCES INVESTIGATED:

The location of other sources included in the report that were not applicable to this granular resouce study.

PART B: STUDY DETAILS

BB - STUDY TYPE:

The type of data collected during the study or sub-study (e.g. hydrographic, geophysical, seabed sampling, geotechnical, dredging)

BC - STUDY SCOPE:

The areal scope of the study or sub-study (e.g. regional, site specific - single site, many sites)

BD - STUDY SIZE:

The extent or size of the study in terms of number of potential borrow sites identified, number of testpits or boreholes, or total number of line kilometers of geophysical data. (e.g. 21 sites; 55 BH's; 145 km)

BE - SURVEY LEVEL:

The general purpose or level of detail of the study (e.g. airphoto interpretation, reconnaissance, exploration, delineation, production)

BF - SURVEY PATTERN:

The pattern in which the individual borrow sites within the study area occur, or in which boreholes or survey lines within specific detailed study sites were laid out. (e.g. random, corridor, line, grid)

BG - SURVEY SPACING:

The relative (e.g. random, wide) or actual (range and/or average) spacing of the survey data or study sites. (e.g. 250 m E-W, 500 m N-S; 10 - 15 km)

BH - PROGRAM LENGTH:

The length of the field data collection or survey program, in days or showing specific dates.

BI - SEASON:

The season of the year in which the field data collection or survey program was conducted. (e.g. late summer, winter)

BJ - EQUIPMENT TYPE:

The type(s) of equipment used to collect data or obtain samples. (e.g. hand-excavated testpits; D8 cat; sonic drill; CME 750 Auger drill, etc.)

BK - PENETRATION:

The average penetration of drilling or soil sampling equipment, (e.g. 5;7.5;10), directly related to the equipment type.

BL - RESOLUTION:

The suitability of the data for distinguishing variations in subsurface stratigraphy, expressed in relative (e.g. poor, variable, unknown) or actual (e.g. range and/or average in tenths of metres) terms. (e.g. 0.5)

BM - SAMPLING/RECORDING RATE:

The relative (e.g. continuous, intermittent, slow) and/ or actual rate of sampling or recording. (e.g. samples at 1 m intervals; chart speed)

BN - SAMPLE/RECORDING QUALITY:

A description of the relative overall quality or range in quality of the data, samples or records with regard to its use for determining subsurface stratigraphy and/or borrow quality. (e.g. poor-fair, good, disturbed, etc.)

BO - SAMPLE/RECORDING TYPE(S):

Additional details on the type(s) of samples (e.g. 75 mm diam. CRREL core, 1-2 kg grab samples, 100 mm sonic casing) or records obtained with the indicated types of equipment.

BP - SAMPLE/RECORDING SIZE:

The total number(s) of samples obtained during the study, where appropriate, and related to the Sample/Recording type(s) (e.g. 75 grabs, 15 CRREL core)

BQ - INTERPRETATION/TESTING LEVEL:

The extent of laboratory testing of samples (e.g. routine classification testing only, concrete aggregate suitability testing); or the level of detail of the interpretation of geophysical records (e.g. field, preliminary, detailed) or geotechnical data (e.g. pit plans for 3 sources), as appropriate.

BR - REPORT LEVEL:

The type or level of detail of any report(s) resulting from the study. (e.g. annotated records, field logs/report only, summary/data compilation report, formal geophysical interpretation/ geotechnical evaluation report)

BS - REPORT DISTRIBUTION:

The extent of distribution and/or general availability of any reports resulting from the study. (e.g. internal, sponsor/contractor only, specific government departments/agencies/libraries, published)

BT - DATA ARCHIVING:

The general availability and, where appropriate, specific location of storage of raw data obtained during the study. (e.g. sponsor/contractor in-house, private/public repository, government agencies).

APPENDIX C

APPENDIX C

REPORT CATALOGUE--66 RECORDS

dBASE III+ FILE: DHREPORT.DBF

REPORT OUTLINE (R & R): DHREPORT.RP1

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-001
SPONSOR : Public Works Canada

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

YEAR : 1968,69,74,77
REPORT TITLE : Subsurface Testing Report
North Klondike River
Dempster Highway, Mile 42.8
Yukon Territory

DATA QUALITY : Good

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 7004-6
FORMAT : Blueline
SCALE : 1:2400
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 634650 MINIMUM NORTHING: 7152330
MAXIMUM ZONE : 7 MAXIMUM EASTING: 634650 MAXIMUM NORTHING: 7152330

SOURCE NO(S) : 0066.6B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 61 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Approach and Bridge Locations
SURVEY SPACING: n/a

PROGRAM LENGTH: Various Depending on Year

SEASON : Various

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 4 ft - 61 ft
RESOLUTION : Poor to Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab, Split Spoon
SIZE : 32 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-002
SPONSOR : Public Works Canada
CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

YEAR : 1968,74
REPORT TITLE : Fox Creek
Mile 57.4 - Dempster Highway

DATA QUALITY : Fair

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 7007-1
FORMAT : Blueline
SCALE : 1:120
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 625350 MINIMUM NORTHING: 7170750
MAXIMUM ZONE : 7 MAXIMUM EASTING: 625350 MAXIMUM NORTHING: 7170750
SOURCE NO(S) : 0090.7R

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 5 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Proposed Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH: Various Depending on Year

SEASON : Summer '68 Fall '74

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 21 ft - 62 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Regular Intervals (1974)
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 11 Samples Tested

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-003
SPONSOR : Public Works Canada
YEAR : 1969
REPORT TITLE : Dempster Highway Relocation
Mile 0-64.5 (km 1.6-103.8)
Volume II-Lab Testing Report

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 611720 MINIMUM NORTHING: 7097580
MAXIMUM ZONE : 7 MAXIMUM EASTING: 625570 MAXIMUM NORTHING: 7181000
SOURCE NO(S) : 0066.6B;0086.08 and Proposed Centreline of Highway

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 653 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 3 Months
SEASON : Summer

EQUIPMENT TYPE: Drill Rig c/w 4" Solid Flight Augers
PENETRATION(m): up to 10 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 310 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Vol. I-Logs: Vol. II Lab Test Reports
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Government of Yukon

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-004
SPONSOR : Public Works Canada
CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

YEAR : 1969
REPORT TITLE : Wolf Creek
Mile 31.7, Dempster Highway

DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 625240 MINIMUM NORTHING: 7139150
MAXIMUM ZONE : 7 MAXIMUM EASTING: 625240 MAXIMUM NORTHING: 7139150
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 1 Borehole
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Proposed Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH: n/a
SEASON : Summer

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 50 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : No Samples
QUALITY : No Samples
TYPE(S) : No Samples
SIZE : No Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-005
SPONSOR : Public Works Canada
CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

YEAR : 1969
REPORT TITLE : Benson Creek
Mile 18.1, Dempster Highway
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 618950 MINIMUM NORTHING: 7119270
MAXIMUM ZONE : 7 MAXIMUM EASTING: 618950 MAXIMUM NORTHING: 7119270
SOURCE NO(S) : 0028.4R

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 4 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Proposed Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH:
SEASON : Summer

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 23 ft - 50 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : No Samples
QUALITY : No Samples
TYPE(S) : No Samples
SIZE : No Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-006
SPONSOR : Public Works Canada

YEAR : 1969,74,75,77
REPORT TITLE : Subsurface Testing Report
Upper Blackstone River
Dempster Highway Mile 53.8

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

DATA QUALITY : Fair

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 7006-4
FORMAT : Blueline
SCALE : 1:2400
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 627320 MINIMUM NORTHING: 7167100
MAXIMUM ZONE : 7 MAXIMUM EASTING: 627320 MAXIMUM NORTHING: 7167100
SOURCE NO(S) : 0086.0B

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 41 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Approach and Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH: Varies Depending on Year Comp.

SEASON : Various

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 4 ft - 52 ft
RESOLUTION : Fair to Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab & Split Spoon
SIZE : 19 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-007
SPONSOR : Public Works Canada
YEAR : 1969,74,75,77
REPORT TITLE : Subsurface Testing Report
Lower Blackstone River
Dempster Highway Mile 72.8

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Good

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 7008-7-2b
FORMAT : Blueline
SCALE : 1:600
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 625170 MINIMUM NORTHING: 7192590
MAXIMUM ZONE : 7 MAXIMUM EASTING: 625170 MAXIMUM NORTHING: 7192590
SOURCE NO(S) : 0114.7B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 50 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Approach and Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH: Varies Depending on Year Comp.
SEASON : Various

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 7 ft - 105 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Intermittent to Regular Intervals
QUALITY : Disturbed
TYPE(S) : Split Spoon, grabs
SIZE : 116 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-008
SPONSOR : Public Works Canada
YEAR : 1969,74,77
REPORT TITLE : Subsurface Testing Report
Upper North Klondike River
Dempster Highway Mile 48.8

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Good

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 7005-7
FORMAT : Blueline
SCALE : 1:2400
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 632720 MINIMUM NORTHING: 7160590
MAXIMUM ZONE : 7 MAXIMUM EASTING: 632720 MAXIMUM NORTHING: 7160590
SOURCE NO(S) : 0066.6B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 15 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Approach and Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH: Varies Depending on Year Comp.
SEASON : Various

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 4.5 ft - 61 ft
RESOLUTION : Fair to Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed and Undisturbed
TYPE(S) : Grab, Split Spoon, Core
SIZE : 26 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-009
SPONSOR : Public Works Canada
YEAR : 1970
REPORT TITLE : Proposed Centreline & Soil Information on Abandoned Line Mile 892-930(Mackenzie Hwy)
CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01-17:00 A2 5-A
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : Foldout Bluelines
SCALE : 1:250000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :
NUMBER : A21021-225to263,A21020-5to201
FORMAT : Blueline Airphotos
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 543000 MINIMUM NORTHING: 7488000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 583000 MAXIMUM NORTHING: 7571000
SOURCE NO(S) : 0583.2B;0609.0L;0611.3R;0670.0L;0672.0B;0680.0L

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 191 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random/Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: 15 days
SEASON : Summer

EQUIPMENT TYPE: Unknown
PENETRATION(m): 5-10.7-20
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Continuous
QUALITY : Disturbed
TYPE(S) : Grabs
SIZE : 192 Samples

INTERPRETATION/TESTING LEVEL : Field Logging Along Corridor
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-010
SPONSOR : Public Works Canada
YEAR : 1971
REPORT TITLE : Mackenzie Highway Soils Survey
Mile 891.8 - 931.5
January, 1972

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A3 31
DATA QUALITY : Fair

LOCATION MAP :

NUMBER : n/a
FORMAT : 4 Foldout Bluelines
SCALE : 1:50000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :

NUMBER : A22326-125to158;A22327-55to85
FORMAT : Airphoto Bluelines
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 543000 MINIMUM NORTHING: 7488000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 583000 MAXIMUM NORTHING: 7571000
SOURCE NO(S) : 0545.6R;0609.0L;0611.3R;0670.0L;0672.0B

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 297 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random/Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: Unknown
PENETRATION(m): 6-13.4-30
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Continuous
QUALITY : Disturbed
TYPE(S) : Grabs
SIZE : Unknown

INTERPRETATION/TESTING LEVEL : Field Logging-Corridor; Lab Testing-Selected Sites
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-011
SPONSOR : Public Works Canada

YEAR : 1971
REPORT TITLE : Mackenzie Highway Soils Survey
Mile 931.5 - 964.0
January, 1972

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A3 30

DATA QUALITY : Fair

LOCATION MAP :

NUMBER : n/a
FORMAT : 4 Folded Bluelines
SCALE : 1:50000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :

NUMBER : A21021-114 to 180
FORMAT : Airphoto Blackline
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 542000 MINIMUM NORTHING: 7543000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 583000 MAXIMUM NORTHING: 7600000
SOURCE NO(S) : 0680.0L;0690.0R;0706.0L;07122.2B;0715.4L

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 508 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random/Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown

SEASON : Summer

EQUIPMENT TYPE: Unknown
PENETRATION(m): 1.5-15.3-50
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grabs
SIZE : 1000 samples (est.)

INTERPRETATION/TESTING LEVEL : Routine Pit Testing
REPORT LEVEL : Field Logs and Lab Data
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-012
SPONSOR : Public Works Canada
YEAR : 1971
REPORT TITLE : Dempster Highway
Airphoto Materials Search
Mile 166 - 275

CONTACT : Mr. J. Quong
CONTRACTOR : J.D. Mollard & Associates
FILE NUMBER : Unknown
DATA QUALITY : No Data

LOCATION MAP :
NUMBER : n/a
FORMAT : 26 Photocopies (Airphotos)
SCALE : 1:Various
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :
NUMBER : n/a
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 380500 MINIMUM NORTHING: 7304500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geophysical/Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : Delineation/Airphoto Interpretation
SURVEY LEVEL : No Field Work
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: n/a
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Mapping of Potential Borrow Deposits
REPORT LEVEL : Formal Geotechnical Interpretation
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-013
SPONSOR : Public Works Canada
YEAR : 1971, 1972
REPORT TITLE : Dempster Highway Mile 166-290 Soil Drill Logs, Volumes 1 & 2 (km 267 - 467)

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : 167-178.3
DATA QUALITY : Poor to Fair

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 380500 MINIMUM NORTHING: 7304500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500
SOURCE NO(S) : 0342.0L;0417.0R;0423.0R;0432.9R;0446.0B

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : Vol.1-168 BH:Vol.2-161 BH:Unb.30 BH
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 6 Months
SEASON : Fall'71 Spr.'72

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 10 ft - 60 ft
RESOLUTION : Poor to Adequate

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Unkown-No Lab Results in Report
TYPE(S) : Grab
SIZE : Vol.1-169; Vol.2-120; Unbound-19 (moisture Contents only)

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-014
SPONSOR : Public Works Canada
YEAR : 1971, 1972
REPORT TITLE : Dempster Highway
Mile 178 - Mile 236
Lab Analysis

CONTACT : Unknown
CONTRACTOR : Public Works Canda
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 392000 MINIMUM NORTHING: 7313850
MAXIMUM ZONE : 8 MAXIMUM EASTING: 429200 MAXIMUM NORTHING: 7372150
SOURCE NO(S) : No Test Hole Logs

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 270 Samples
SURVEY LEVEL : Unknown
SURVEY PATTERN: Centreline
SURVEY SPACING: Random

PROGRAM LENGTH: 4 Months
SEASON : Early Spring & Summ.

EQUIPMENT TYPE: Unknown
PENETRATION(m): Unknown
RESOLUTION : Unknown

SAMPLING/RECORDING

RATE : Unknown
QUALITY : Unknown
TYPE(S) : Bag
SIZE : 270 Bag

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Lab Results Only (No Logs)
REPORT DISTRIBUTION : Sponsor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-015
SPONSOR : Public Works Canada
YEAR : 1971, 1972
REPORT TITLE : South of Eagle Laboratory Res. Series D-E Mile 178 - 236

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 391900 MINIMUM NORTHING: 7313500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 429000 MAXIMUM NORTHING: 7371000

SOURCE NO(S) : No Test Hole Logs

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : Unknown
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 7 Months
SEASON : Winter'77 Spring'72

EQUIPMENT TYPE: Auger
PENETRATION(m): Unknown
RESOLUTION : Poor to Fair

SAMPLING/RECORDING
- RATE : Intermittent
- QUALITY : Disturbed, Shelby Tubes, Core
- TYPE(S) : Grab, Blast Hole Samples, Shelby tube
- SIZE : 350 Samples

INTERPRETATION/TESTING LEVEL : Classification Testing Only
REPORT LEVEL : Laboratory Tests Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-016
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Airphoto Search for Granular & Binder Materials Mile 0-166 Dempster Highway

CONTACT : Mr. R.K. Coates
CONTRACTOR : J.D. Mollard and Associates Lt
FILE NUMBER : Unknown
DATA QUALITY : Good

LOCATION MAP :
SITE PLAN :

NUMBER	: Figures 1-4	NUMBER	: 0
FORMAT	: Photocopy	FORMAT	: n/a
SCALE	: 1:50000	SCALE	: 1:n/a
DIGITIZ NO.	:	DIGITIZ NO.	:
ARCHIVING	: Public Works Canada	ARCHIVING	: n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 380500 MAXIMUM NORTHING: 7304500
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geophysical/Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : No Field Work
SURVEY LEVEL : Airphoto Interp./Delineation
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: Unknown
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE	: n/a
QUALITY	: n/a
TYPE(S)	: n/a
SIZE	: n/a

INTERPRETATION/TESTING LEVEL : Mapping of Potential Granular & Binder Material
REPORT LEVEL : Formal Geotechnical Interpretation
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-017
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Subsurface Investigation
Proposed Eagle River Bridge
Mile 237, Dempster Highway

CONTACT : R.D. Cook (Edmonton)
CONTRACTOR : Public Works Canada
FILE NUMBER : 39-91-206
DATA QUALITY : Good

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : Project (2330)
FORMAT : Blueline
SCALE : 1:240
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 423850 MINIMUM NORTHING: 7370150
MAXIMUM ZONE : 8 MAXIMUM EASTING: 423850 MAXIMUM NORTHING: 7370150
SOURCE NO(S) : 0377.88

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 16 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Bridge Approach, Abutment, Pier Location
SURVEY SPACING: n/a

PROGRAM LENGTH: 12 Days
SEASON : Spring, Summer

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 15 ft - 59 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Regular Intervals
QUALITY : Disturbed
TYPE(S) : Grab, Split Spoon, Shelby Tube Samples
SIZE : 129 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Formal Geotechnical
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-018
SPONSOR : Public Works Canada
CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : 087522

YEAR : 1972
REPORT TITLE : Subsurface Testing Report
Big Creek, Mile 122.3
Dempster Highway

DATA QUALITY : Fair

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 7011-7-2
FORMAT : Blueline
SCALE : 1:120
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 626100 MINIMUM NORTHING: 7250600
MAXIMUM ZONE : 7 MAXIMUM EASTING: 626200 MAXIMUM NORTHING: 7250650
SOURCE NO(S) : 0194.6B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 11 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Proposed Bridge Location
SURVEY SPACING: n/a

PROGRAM LENGTH: 5 Days
SEASON : Summer

EQUIPMENT TYPE: Drill Rig with Diamond Drill
PENETRATION(m): 4 ft - 37 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed and Undisturbed
TYPE(S) : Core, Split Spoon
SIZE : 23 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-019
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : North of Eagle-Series DNE-NW RR-LR RM Field Notes-Vol. I Lab-Vol. II

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: Unknow MINIMUM NORTHING: Unknown
MAXIMUM ZONE : 8 MAXIMUM EASTING: Unknow MAXIMUM NORTHING: Unknown
SOURCE NO(S) : Borehole Locations too Vague to Determine Sources

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 270 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 2 Months
SEASON : Summer

EQUIPMENT TYPE: Auger
PENETRATION(m): 3 - 9 m
RESOLUTION : Poor to Fair

SAMPLING/RECORDING
- RATE : Intermittent
- QUALITY : Disturbed
- TYPE(S) : Grab
- SIZE : 431 Samples

INTERPRETATION/TESTING LEVEL : Classification
REPORT LEVEL : Field Logs/Lab Data Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-020
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Dempster Hwy-Hydrology Study
Mile 250 - 289.8
October, 1972

CONTACT : n/a
CONTRACTOR : Northwest Hydraulic Consultant
FILE NUMBER : Unknown
DATA QUALITY : Good

LOCATION MAP :
NUMBER : Figure 1
FORMAT : Photocopy
SCALE : 1:2000000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :
NUMBER : Figure 2
FORMAT : Photocopy
SCALE : 1:300000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 442500 MINIMUM NORTHING: 7385500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Hydrologic Study
STUDY SCOPE : Regional
STUDY SIZE : No Field Work
SURVEY LEVEL : Airphoto Interpretation/Data Review
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: n/a
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Mapping Drainage Areas & Determining Peak Flows
REPORT LEVEL : Formal Hydrologic
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-021
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Environmental Impact Study of the Dempster Highway Folio #1 of 2

CONTACT : Mr. K. Koropatnick
CONTRACTOR : Integrated Res. Development
FILE NUMBER : CG170.3.2
DATA QUALITY : Good

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 3 Maps
FORMAT : Photocopy
SCALE : 1:50000
DIGITIZ NO.:
ARCHIVING : Government of Yukon

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Environmental
STUDY SCOPE : Regional
STUDY SIZE : n/a
SURVEY LEVEL : Reconnaissance/Airphoto Interpretation
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: n/a
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Mapping of Sensitive Areas with Photographic Display
REPORT LEVEL : Formal Environmental
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Government of Yukon

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-022
SPONSOR : Public Works Canada
CONTACT : Dennis Cook
CONTRACTOR : J.D. Mollard & Assoc. Ltd.
FILE NUMBER : 01 17:00 A2 6

YEAR : 1972
REPORT TITLE : Dempster Hwy, Mi.227-322:AP'72
July'72 Field Trip, Demp. Hwy
N.W.T. Mi.278 @ Boundary,
Mi. 322 on Peel River

DATA QUALITY : Good

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000

SOURCE NO(S) :

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 171 Sites
SURVEY LEVEL : Airphoto Interpretation/Reconnaissance
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Preliminary
REPORT LEVEL : Annotated Records
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-023
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Dempster Hwy, Mi.268.5-289.7
1972 Geotechnical Survey
Test Hole & Lab Results

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 3
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7404000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000 MAXIMUM NORTHING: 7460000
SOURCE NO(S) : No Gravel Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 18 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 6 Days
SEASON : Summer

EQUIPMENT TYPE: Auger
PENETRATION(m): 4-10=25 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 38 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-024
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Dempster Hwy, Mi.254.5-268.5
Test Hole Lab Results
1972 Geotechnical Study

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 1
DATA QUALITY : Poor

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 434000 MINIMUM NORTHING: 7377000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000 MAXIMUM NORTHING: 7432000

SOURCE NO(S) : No Gravel Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 87 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 6 Days
SEASON : Summer

EQUIPMENT TYPE: Auger
PENETRATION(m): 5-10-30 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 94 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-025
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Dempster Hwy-North of Eagle Rv
Mile 236 - 254.5
Field Soil Logs & Lab Results

CONTACT : Unknown
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 423850 MINIMUM NORTHING: 7370150
MAXIMUM ZONE : 8 MAXIMUM EASTING: 442050 MAXIMUM NORTHING: 7383600
SOURCE NO(S) : 0377.88

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 83 Boreholes
SURVEY LEVEL : Unknown
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: 8 Days
SEASON : Summer

EQUIPMENT TYPE: Auger
PENETRATION(m): 2 ft to 20 ft
RESOLUTION : Poor to Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Augered
TYPE(S) : Grab
SIZE : 78 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs and Lab Results Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada (Yukon Office)

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-026
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Dempster Highway Soils Survey
Mile 330 - 365
January, 1972

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 5
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 3
FORMAT : Foldout Blueline
SCALE : 1:50000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :
NUMBER : A21020-209 to 299
FORMAT : Airphoto Bluelines
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 479000 MINIMUM NORTHING: 7459000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 543000 MAXIMUM NORTHING: 7587000
SOURCE NO(S) : 0568.0R;0567.7B;0583.2B;0599.0L

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 468 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random/Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Unknown

EQUIPMENT TYPE: Unknown
PENETRATION(m): 5-20-30 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent 2ft - 5ft Intervals
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 1020 Samples

INTERPRETATION/TESTING LEVEL : Routine Classifcation
REPORT LEVEL : Field Logs and Lab Data Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-027
SPONSOR : Public Works Canada
YEAR : 1972
REPORT TITLE : Dempster Highway Mile 166-290
Soil Drill Logs
South of Eagle River

CONTACT : Unknown
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 380450 MINIMUM NORTHING: 7304450
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7487500
SOURCE NO(S) : No Gravel Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : Approx. 300 Boreholes
SURVEY LEVEL : Unknown
SURVEY PATTERN: Unknown
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: Unknown
PENETRATION(m): 2.5 ft to 49 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Poor
TYPE(S) : Grab, Shelby, SPT
SIZE : Unknown

INTERPRETATION/TESTING LEVEL : Unknown
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada (Yukon Office)

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-028
SPONSOR : Public Works Canada
YEAR : 1972 - 1974
REPORT TITLE : Terrain Eval. of the Dempster Highway Across the Eagle Plain & Along the Richardson Mtns.

CONTACT : n/a
CONTRACTOR : Neil W. Richardson
FILE NUMBER : Unknown
DATA QUALITY : Good

LOCATION MAP :

NUMBER : Figures 1 & 2
FORMAT : Photocopy
SCALE : 1:250000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :

NUMBER : Fiures 4 - 18
FORMAT : 14 Airphoto Photocopies
SCALE : 1:1250000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 380500 MINIMUM NORTHING: 7304500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500

SOURCE NO(S) : Not Applicable to Study

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geophysical/Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : Limited
SURVEY LEVEL : Reconnaissance/Delineation/Airphoto Interpretation
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: 2 Years
SEASON : Summers in Field

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : Limited Sampling
QUALITY : Limited Sampling
TYPE(S) : Limited Sampling
SIZE : Limited Sampling

INTERPRETATION/TESTING LEVEL : Mapping Terrain Units in Study Area
REPORT LEVEL : Formal Geophysical Interpretation
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-029
SPONSOR : DIAND
YEAR : 1973
REPORT TITLE : Granular Materials Inventory
Zone IV, V, VI
N.W.T.

CONTACT : Unknown
CONTRACTOR : Ripley, Klohn Leonoff
FILE NUMBER : OTT-72-141
DATA QUALITY : Good

LOCATION MAP :
NUMBER : Unknown
FORMAT : Paper Copy
SCALE : 1:250000
DIGITIZ NO. :
ARCHIVING : DIAND

SITE PLAN :
NUMBER : A12847-260 - A22809-161
FORMAT : Half-tone Airphoto
SCALE : 1:36000
DIGITIZ NO.:
ARCHIVING : DIAND

MINIMUM ZONE : 8 MINIMUM EASTING: 457000 MINIMUM NORTHING: 7431000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 585000 MAXIMUM NORTHING: 7599000
SOURCE NO(S) : 0583.2B;0591.0R;0711.4B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 9 Boreholes
SURVEY LEVEL : Exploration
SURVEY PATTERN: Random
SURVEY SPACING: Unknown

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: Unknown
PENETRATION(m): 2.0-9.3-100
RESOLUTION : 0.2

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 68 Samples

INTERPRETATION/TESTING LEVEL : Routine Plus Petrographic
REPORT LEVEL : Summary Compilation Report
REPORT DISTRIBUTION : DIAND
DATA ARCHIVING : Government Agencies

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-030
SPONSOR : DIAND
YEAR : 1973
REPORT TITLE : Community Granular Materials Inventory, Arctic Red River N.W.T.

CONTACT : Unknown
CONTRACTOR : Ripley, Klohn Leonoff
FILE NUMBER : OTT-72-141
DATA QUALITY : Unknown

LOCATION MAP :
- NUMBER : Unknown
- FORMAT : Paper Copy
- SCALE : 1:12500 - 1:250000
- DIGITIZ NO. :
- ARCHIVING : DIAND

SITE PLAN :
- NUMBER : A13406-161,234,258,307
- FORMAT : Half-tone Airphoto
- SCALE : 1:36000
- DIGITIZ NO.:
- ARCHIVING : DIAND

MINIMUM ZONE : 8 MINIMUM EASTING: 543000 MINIMUM NORTHING: 7460000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 564000 MAXIMUM NORTHING: 7488000
SOURCE NO(S) : No Adequate Granular Sources Indicated

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 5 Boreholes
SURVEY LEVEL : Exploration
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: Hand Auger
PENETRATION(m): 2-15.2-40
RESOLUTION : Unknown

SAMPLING/RECORDING
- RATE : Random
- QUALITY : Disturbed
- TYPE(S) : Grab
- SIZE : 89 Samples

INTERPRETATION/TESTING LEVEL : Routine Plus Petrographic
REPORT LEVEL : Summary
REPORT DISTRIBUTION : DIAND
DATA ARCHIVING : Government Agencies

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-031
SPONSOR : DIAND
YEAR : 1973
REPORT TITLE : Community Granular Materials Inventory Fort McPherson, N.W.T.

CONTACT : Unknown
CONTRACTOR : Ripley, Klohn Leonoff
FILE NUMBER : OTT-72-141
DATA QUALITY : Unknown

LOCATION MAP :
- NUMBER : Unknown
- FORMAT : Paper Copy
- SCALE : 1:12500/1:250000
- DIGITIZ NO. :
- ARCHIVING : DIAND

SITE PLAN :
- NUMBER : A12848-54 to A17621-114
- FORMAT : Half-tone Airphoto
- SCALE : 1:36000
- DIGITIZ NO.:
- ARCHIVING : DIAND

MINIMUM ZONE : 8 MINIMUM EASTING: 500000 MINIMUM NORTHING: 7459000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000

SOURCE NO(S) : Unknown

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 12 Boreholes
SURVEY LEVEL : Exploration
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: Hand Auger
PENETRATION(m): 2-29-200
RESOLUTION : Unknown

SAMPLING/RECORDING
- RATE : Intermittent
- QUALITY : Unknown
- TYPE(S) : Grab
- SIZE : 53 Samples

INTERPRETATION/TESTING LEVEL : Routine Plus Petrographic
REPORT LEVEL : Summary
REPORT DISTRIBUTION : DIAND
DATA ARCHIVING : Government Agencies

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-032
SPONSOR : Public Works Canada
YEAR : 1973
REPORT TITLE : Geotechnical Investigation
Dempster Highway (Mi.290-1634)
Compiled Oct.1977 (#1519-1634)

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 6
DATA QUALITY : Unknown

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : A20217-34 to A23037-4
FORMAT : Airphoto Blackline Mosaics
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : No Granular Sources Indicated

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 14 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 9 Days
SEASON : Winter

EQUIPMENT TYPE: n/a
PENETRATION(m): 30-51-105 ft
RESOLUTION : Poor to Variable

SAMPLING/RECORDING

RATE : Intermittent 2 ft - 5ft Intervals
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 182 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-033
SPONSOR : Public Works Canada
YEAR : 1973
REPORT TITLE : Geotechnical Investigation
Dempster Hwy Mile 290-344
Comples Oct.'77 #1400-1451

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 6
DATA QUALITY : Unknown

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : A20217-34 to A23037-4
FORMAT : Airphoto Blackline Mosaics
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : No Granular Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 54 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: Heli
PENETRATION(m): 6-24-50 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 248 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-034
SPONSOR : Public Works Canada
YEAR : 1974
REPORT TITLE : Dempster Highway Relocation Mi. 0-78, Centreline Drilling Logs September, 1974

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200340

SOURCE NO(S) : 0001.3B;0003.3R;0006.6L;0006.7B;0009.2L;0010.9L;0019.4B;0021.7L;0022.4L;0033.2B;0035.6L;0047.2B; 0049.9B;0055.5L;0058.0B;0066.6B;0086.0B;0114.7B;0122.8B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 188 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 1 Month
SEASON : Fall

EQUIPMENT TYPE: Drill Rig - B40L
PENETRATION(m): 4 ft - 15 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 250 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Lab Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Government of Yukon (Highways)

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-035
SPONSOR : Public Works Canada
YEAR : 1974
REPORT TITLE : Dempster Highway Centreline Relocation; Mile 60-78 1974 Investigation-Lab Results

CONTACT : Unknown
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 624650 MINIMUM NORTHING: 7174850
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200000
SOURCE NO(S) : 0114.7B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 100 Boreholes
SURVEY LEVEL : Exploration
SURVEY PATTERN: Unknown
SURVEY SPACING: Unknown

PROGRAM LENGTH: 1 Month
SEASON : Late Summer

EQUIPMENT TYPE: Unknown
PENETRATION(m): Unknown
RESOLUTION : Unknown

SAMPLING/RECORDING
- RATE : Unknown
- QUALITY : Unknown
- TYPE(S) : Bag
- SIZE : 192 Bag

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Lab Results Only (No Logs)
REPORT DISTRIBUTION : Sponsor
DATA ARCHIVING : Public Works Canada (Yukon Office)

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-036
SPONSOR : Public Works Canada
YEAR : 1974
REPORT TITLE : Laboratory Test Results on Borrow Material for Dempster Highway (Fort McPherson West)

CONTACT : Dennis Cooke
CONTRACTOR : R.M. Hardy & Associates Ltd.
FILE NUMBER : 01 17:00 A2 6
DATA QUALITY : Unknown

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : Adequate Granular Material Not Indicated

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 8 Boreholes
SURVEY LEVEL : Reconnaissance
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Unknown

EQUIPMENT TYPE: Unknown
PENETRATION(m): 20-39-50 ft
RESOLUTION : 5 feet

SAMPLING/RECORDING

RATE : 2 ft - 5ft Intervals
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 65 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Data Compilation Report
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-042
SPONSOR : Public Works Canada
YEAR : 1975
REPORT TITLE : Geotehnical Reports Seven Bridge Sites- Dempster Highway

CONTACT : Mr. J.Y.C. Quong
CONTRACTOR : R.M. Hardy & Associates Ltd.
FILE NUMBER : E-3098
DATA QUALITY : Good

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200340
SOURCE NO(S) : 0028.4R;0049.9B;0058.0B;0066.6B;0077.3R;0086.0B;0114.7B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific at 7 Sites
STUDY SIZE : 30 Boreholes
SURVEY LEVEL : Reconnaissance/Production
SURVEY PATTERN: Abutment, Approach Locations
SURVEY SPACING: Random

PROGRAM LENGTH: 4 Months
SEASON : Summer

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 15 ft - 62 ft
RESOLUTION : Good

SAMPLING/RECORDING
- RATE : Intermittent '69, Regular Intervals '74
- QUALITY : Disturbed
- TYPE(S) : Core, SPT Samples, Grab
- SIZE : 90 Samples

INTERPRETATION/TESTING LEVEL : Classification/Interpretation
REPORT LEVEL : Formal Geotechnical
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-037
SPONSOR : Public Works Canada
YEAR : 1974
REPORT TITLE : Laboratory Testing for Borrow Material for Dempster Highway (Fort McPherson West)

CONTACT : Dennis Cooke
CONTRACTOR : R.M. Hardy & Associates Ltd.
FILE NUMBER : 01 17:00 A2 6
DATA QUALITY : Unknown

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : Adequate Granular Material Not Indicated

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : 1 Site
STUDY SIZE : 1 Borehole
SURVEY LEVEL : Reconnaissance
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Unknown

EQUIPMENT TYPE: Unknown
PENETRATION(m): 75 ft
RESOLUTION : 5 ft

SAMPLING/RECORDING

RATE : 2 ft - 5ft Intervals
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 24 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Data Compilation Report
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-038
SPONSOR : Public Works Canada
CONTACT : Unknown
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

YEAR : 1974
REPORT TITLE : Dempster Highway Mile 0 - 78
DATA QUALITY : Unknown

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200000

SOURCE NO(S) : 0001.3B;0003.3R;0006.6L;0006.7B;0009.2L;0010.9L;0019.4B;0021.7L;0022.4L;0033.2B;0035.6L;0047.2B; 0049.9B;0055.5L;0058.0B;0066.6B;0086.0B;0114.7B;0122.8B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 188 Boreholes
SURVEY LEVEL : Unknown
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: 20 Days
SEASON : Late Summer

EQUIPMENT TYPE: B-40L Rig
PENETRATION(m): 3.5 ft - 19.5 ft
RESOLUTION : Good

SAMPLING/RECORDING
- RATE : Intermittent
- QUALITY : Augering with Bag Samples from Flights
- TYPE(S) : Bag
- SIZE : 250 Bags

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Logs and Lab Testing Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada (Yukon Office)

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-039
SPONSOR : Public Works Canada
YEAR : 1974
REPORT TITLE : Dempster Highway Rel. 0-78
1974 Borrow & Gravel Search
Lab Test Results Only

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200340
SOURCE NO(S) : No Logs Included

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Lab Test Results
STUDY SIZE : Samples from 63 Boreholes
SURVEY LEVEL : n/a
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: 3 Months
SEASON : Fall

EQUIPMENT TYPE: Backhoe
PENETRATION(m): Up to 3.7 m
RESOLUTION : Fair

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 64 Grabs

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Data Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Government of Yukon

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-041
SPONSOR : Public Works Canada
YEAR : 1974, 1975
REPORT TITLE : Goetechnical Investigation
Dempster Highway, Mile 0 - 78
Volumes I & II

CONTACT : Mr. J. Quong
CONTRACTOR : R.M. Hardy & Associates Ltd.
FILE NUMBER : PWC #1004-6
DATA QUALITY : Fair

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200340

SOURCE NO(S) : No Granular Sources Identified

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 188 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 1 Month
SEASON : Fall

EQUIPMENT TYPE: Drill Rig B40L
PENETRATION(m): 4 ft - 15 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 250 Samples

INTERPRETATION/TESTING LEVEL : Classification/Interpretation
REPORT LEVEL : Formal Geotechnical
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : PWC/Government of Yukon

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-042
SPONSOR : Public Works Canada
YEAR : 1975
REPORT TITLE : Geotehnical Reports Seven Bridge Sites- Dempster Highway

CONTACT : Mr. J.Y.C. Quong
CONTRACTOR : R.M. Hardy & Associates Ltd.
FILE NUMBER : E-3098
DATA QUALITY : Good

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200340
SOURCE NO(S) : 0028.4R;0049.9B;0058.0B;0066.6B;0077.3R;0086.0B;0114.7B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific at 7 Sites
STUDY SIZE : 30 Boreholes
SURVEY LEVEL : Reconnaissance/Production
SURVEY PATTERN: Abutment, Approach Locations
SURVEY SPACING: Random

PROGRAM LENGTH: 4 Months
SEASON : Summer

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 15 ft - 62 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Intermittent '69, Regular Intervals '74
QUALITY : Disturbed
TYPE(S) : Core, SPT Samples, Grab
SIZE : 90 Samples

INTERPRETATION/TESTING LEVEL : Classification/Interpretation
REPORT LEVEL : Formal Geotechnical
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-043
SPONSOR : Public Works Canada
YEAR : 1976
REPORT TITLE : Soil Logs-Dempster Hwy, Y.T. Mile 268-289.7 By DPW Western Region

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Fair

LOCATION MAP :
- NUMBER : 085005
- FORMAT : Blueline (Constr. Drawing)
- SCALE : 1:250000
- DIGITIZ NO. :
- ARCHIVING : Government of Yukon

SITE PLAN :
- NUMBER : Unknown
- FORMAT : Construction Drawing
- SCALE : 1:5000
- DIGITIZ NO.:
- ARCHIVING : Government of Yukon

MINIMUM ZONE : 8 MINIMUM EASTING: 441100 MINIMUM NORTHING: 7411500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500
SOURCE NO(S) : 0432.9R;00446.0B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Site
STUDY SIZE : 83 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 2 Months
SEASON : Winter

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 15 ft - 45 ft
RESOLUTION : Good

SAMPLING/RECORDING
- RATE : Regular Intervals
- QUALITY : Disturbed
- TYPE(S) : Grab
- SIZE : 604 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-044
SPONSOR : Public Works Canada
YEAR : 1976
REPORT TITLE : Dempster Hwy Mi. 254.5-268.5
Test Hole Laboratory Results
1976 Geotechnical Survey

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 2
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 434000 MINIMUM NORTHING: 7377000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000 MAXIMUM NORTHING: 7432000
SOURCE NO(S) : Laboratory Test Results Only

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 31 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 6 Days
SEASON : Winter

EQUIPMENT TYPE: Air
PENETRATION(m): 13-23-50 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : 3 ft Interval
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 172 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-045
SPONSOR : Public Works Canada
YEAR : 1976
REPORT TITLE : Dempster Hwy Mi. 268.5-289.7
Test Hole Laboratory Results
1976 Geotechnical Survey

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 4
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 434000 MINIMUM NORTHING: 7404000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000 MAXIMUM NORTHING: 7459000
SOURCE NO(S) : Laboratory Test Results Only

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 98 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 16 Days
SEASON : Winter

EQUIPMENT TYPE: Air
PENETRATION(m): 10-25-49 ft
RESOLUTION : Poor to Variable

SAMPLING/RECORDING

RATE : 5 ft Interval
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 718 Grabs

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-046
SPONSOR : Public Works Canada

CONTACT : Unknown
CONTRACTOR : Klohn Leonoff
FILE NUMBER : 625.7.800 C1

YEAR : 1976, 1978
REPORT TITLE : Final Const. Report-Stripping of Gravel Sources & Constr. of Haul Road-Midway Lakes, Dempster Highway

DATA QUALITY : Unknown

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 0
FORMAT : Foldout Blackline
SCALE : 1:2000
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 481000 MINIMUM NORTHING: 7456000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 482000 MAXIMUM NORTHING: 7457000
SOURCE NO(S) : 0508.8R

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 1 Borrow, 2 TP, 11 Boreholes
SURVEY LEVEL : Delineation
SURVEY PATTERN: Grid
SURVEY SPACING: 100 m E-W, N-S

PROGRAM LENGTH: 2 Days
SEASON : BH:Win'78;TP:Spr.'76

EQUIPMENT TYPE: Unknown
PENETRATION(m): BH:13.5' TP:22'
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : No Sampling in BH; 2-3 m intervals in TP
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 6 Grab in TP; None in BH

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Test Pit Lab Data
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-047
SPONSOR : Public Works Canada
YEAR : 1976, 1977
REPORT TITLE : Dempster Hwy, Mi.254.5-268.5 Test Hole Laboratory Results 1976 Geotechnical Survey

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Poor

LOCATION MAP :
NUMBER : 0
FORMAT : Construction Drawing
SCALE : 1:Unknown
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : Construction Drawing
SCALE : 1:Unknown
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 437500 MINIMUM NORTHING: 7379500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 441100 MAXIMUM NORTHING: 7411500
SOURCE NO(S) : Laboratory Test Results Only/0423.0R;0432.9R

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 30 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 2 Months
SEASON : Winter'76, Spring'77

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 15 ft - 30 ft
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Regular Intervals
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 173 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-048
SPONSOR : Public Works Canada
CONTACT : Mr. John Hudson
CONTRACTOR : Fenco Consultants Ltd.
FILE NUMBER : 60-6026C

YEAR : 1977
REPORT TITLE : Dempster Highway Long Term Remedial Work Study (Dempster Highway Repairs (Mile 123-155)

DATA QUALITY : Good

LOCATION MAP :

NUMBER : Figure 1
FORMAT : Blueline
SCALE : 1:6500000
DIGITIZ NO. :
ARCHIVING : Public Works Canada

SITE PLAN :

NUMBER : Figures 2-43
FORMAT : Blueline (Airphoto Mosaics)
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 625450 MINIMUM NORTHING: 7251350
MAXIMUM ZONE : 8 MAXIMUM EASTING: 363500 MAXIMUM NORTHING: 7291500

SOURCE NO(S) : No Gravel Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical & Hydrologic
STUDY SCOPE : Regional
STUDY SIZE : 12 Areas Listed for Remedial Work
SURVEY LEVEL : Photographic Analysis & Interpretation (Aerial & Ground)
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Airphoto Mosaics Showing Remedial Work Locations
REPORT LEVEL : Formal Geotechnical Evaluation
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-049
SPONSOR : Public Works Canada

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown

YEAR : 1977
REPORT TITLE : Installation Report-Permabed Test Section-Prepared by PWC, Dempster Highway Mile 237.2 Henderwood Industries

DATA QUALITY : Good

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : Unknown
FORMAT : Photocopy
SCALE : 1:240
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 423850 MINIMUM NORTHING: 7370150
MAXIMUM ZONE : 8 MAXIMUM EASTING: 424000 MAXIMUM NORTHING: 7370700

SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Construction Inspection
STUDY SCOPE : Site Specific
STUDY SIZE : 9 Boreholes (Thermistor Installation)
SURVEY LEVEL : n/a
SURVEY PATTERN: Predetermined Locations - Test Section
SURVEY SPACING: n/a

PROGRAM LENGTH: 5 Days

SEASON : Early Spring

EQUIPMENT TYPE: Drill Rig
PENETRATION(m): 40 ft
RESOLUTION : Not Recorded

SAMPLING/RECORDING

RATE : No Sampling
QUALITY : No Sampling
TYPE(S) : No Sampling
SIZE : No Sampling

INTERPRETATION/TESTING LEVEL : Construction Inspection
REPORT LEVEL : Formal Construction Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-050
SPONSOR : DIAND
CONTACT : Mr. R.S. Freisen, Res.& S.P.O.
CONTRACTOR : Archer, Cathro & Assoc. Ltd.
FILE NUMBER : Unknown

YEAR : 1977
REPORT TITLE : Yukon Gravel Inventory-Vol 2 Dawson Resource Mgmnt Area
DATA QUALITY : Poor

LOCATION MAP :
- NUMBER : Figures 46-50
- FORMAT : Photocopy
- SCALE : 1:50000
- DIGITIZ NO. :
- ARCHIVING : DIAND-Land Use

SITE PLAN :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 395200 MAXIMUM NORTHING: 7326800

SOURCE NO(S) : 0001.1L;0001.3B;0003.3R;0005.1R;0006.6L;0006.7B;0007.2L;0007.8R;0009.2L;0010.9L;0011.4B;0012.5R;
0017.7L;0019.4L;0021.7L;0022.4L;0026.7R;0028.4R;0033.2B;0035.6L;0039.9B;0040.5L;0044.0L;0047.2B;
0049.9B;0053.1R;0055.5L;0058.0B;0062.4L;0066.5R;0066.6B;0071.4L;0077.3R;0079.2R;0081.0R;0084.0R;
0086.0B;0089.5B;0090.2L;0090.7R;0094.8R;0105.6B;0112.7L;0114.7B;0117.0R;0122.8B;0127.0R;0131.2R;
0136.0L;0152.8L;0158.6L;0168.3L;0174.6L;0189.2R;0194.6B;0210.8L;0235.0B;0244.0R

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical/Land Use
STUDY SCOPE : Regional
STUDY SIZE : 254 Sites
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: Unknown
SEASON : Spring & Summer

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING
- RATE : n/a
- QUALITY : n/a
- TYPE(S) : n/a
- SIZE : n/a

INTERPRETATION/TESTING LEVEL : Mapping of Borrow Source Areas
REPORT LEVEL : Existing Information Review/Compilation
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : DIAND - Land Use

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-051
SPONSOR : Public Works Canada
YEAR : Unknown
REPORT TITLE : Geotechnical Investigation
Dempster Highway, Mi.290-344
Compiled Oct.1977 #254-492

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 6
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : A20217-34 to A23037-4
FORMAT : Airphoto Blackline Mosaics
SCALE : 1:12000
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : No Granular Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 129 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Unknown

EQUIPMENT TYPE: Unknown
PENETRATION(m): 10-22-50 ft
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 335 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-052
SPONSOR : Public Works Canada
YEAR : Unknown
REPORT TITLE : Geotechnical Investigation
Dempster Highway, Mi.290-344
Compiled Oct. 1977

CONTACT : Dennis Cooke
CONTRACTOR : Public Works Canada
FILE NUMBER : 01 17:00 A2 6
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000
SOURCE NO(S) : No Granular Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 9 Boreholes
SURVEY LEVEL : Airphotos/Reconnaissance/Delineation
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Unknown

EQUIPMENT TYPE: n/a
PEMETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : n/a
REPORT LEVEL : Airphoto Illus. Borrow Pits & BH. Loc.
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-053
SPONSOR : Parlee, Irving, Henning, et al
YEAR : 1978
REPORT TITLE : Dempster Highway Claim
Mile 178.3 - 236.8
Report No. 13-43

CONTACT : Unknown
CONTRACTOR : EBA Engineering Consult. Ltd.
FILE NUMBER : 15-950
DATA QUALITY : Unknown

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 392000 MINIMUM NORTHING: 7313850
MAXIMUM ZONE : 8 MAXIMUM EASTING: 429200 MAXIMUM NORTHING: 7372150
SOURCE NO(S) : No Granular Sources Indicated

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical - Borrow Pit Evaluation
STUDY SCOPE : Site Specific - Many Sites
STUDY SIZE : 31 Borrow Sites
SURVEY LEVEL : Court Claims Survey
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: Unknown
SEASON : Summer

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Detailed Evaluation
REPORT LEVEL : Geotechnical Evaluation
REPORT DISTRIBUTION : Sponsor/Contractor/PWC
DATA ARCHIVING : Sponsor/Contractor/PWC

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-054
SPONSOR : Foothills Pipe Lines (Yukon)
YEAR : 1978
REPORT TITLE : Dempster Lateral Drilling Program Volume I & Volume II

CONTACT : A.L. Edgeworth
CONTRACTOR : Klohn Leonoff Consultants Ltd.
FILE NUMBER : AL1023
DATA QUALITY : Good

LOCATION MAP :

- NUMBER : Unknown
- FORMAT : Blackline Topographic
- SCALE : 1:250000
- DIGITIZ NO. :
- ARCHIVING : Klohn Leonoff Consultants

SITE PLAN :

- NUMBER : Unknown
- FORMAT : Airphoto Half-tones
- SCALE : 1:2000
- DIGITIZ NO.:
- ARCHIVING : Klohn Leonoff Consultants

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 472500 MAXIMUM NORTHING: 7575300
SOURCE NO(S) : Specific Sources as Shown in Report

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : 96 Boreholes
SURVEY LEVEL : Exploration
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: 4 Months
SEASON : Summer, Fall

EQUIPMENT TYPE: Failing 1000 and Mayhew 200 Heli-Drill
PENETRATION(m): 2.8 - 8.8 - 25.0 m
RESOLUTION : Good

SAMPLING/RECORDING

- RATE : Intermittent 0.5 to 1.0 m
- QUALITY : Distrubed
- TYPE(S) : CRREL Core; split spoons; bag
- SIZE : 735 C; 104 SS; 354 BAG

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-055
SPONSOR : Foothills Pipe Lines (Yukon)
YEAR : 1978
REPORT TITLE : Dempster Lateral Gas Pipeline Project-Permafrost Delineation Geophysical Survey

CONTACT : Unknown
CONTRACTOR : Hardy Associates (1978) Ltd.
FILE NUMBER : K4321
DATA QUALITY : Good

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : Unknown
- FORMAT : Half-tone Airphotos
- SCALE : 1:24000
- DIGITIZ NO.:
- ARCHIVING : Hardy Associates

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 472500 MAXIMUM NORTHING: 7575300
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geophysical
STUDY SCOPE : Many Sites
STUDY SIZE : 61 Sites
SURVEY LEVEL : Airphoto Interpretation and Electrical Resistivity
SURVEY PATTERN: Corridor
SURVEY SPACING: Random

PROGRAM LENGTH: 18 Days
SEASON : Summer

EQUIPMENT TYPE: Geonics EM31 and EM34
PENETRATION(m): n/a
RESOLUTION : Good

SAMPLING/RECORDING
- RATE : 10 m Grid
- QUALITY : Unknown
- TYPE(S) : n/a
- SIZE : n/a

INTERPRETATION/TESTING LEVEL : Detailed Geophysical Interpretation
REPORT LEVEL : Formal Geophysical Interpretation
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-056
SPONSOR : Public Works Canada
YEAR : 1978
REPORT TITLE : Dempster Hwy Material Search
km 0-127 (Volume I)
km 127-460 (Volume II)

CONTACT : n/a
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500

SOURCE NO(S) : 0001.3B;0003.3R;0005.1R;0006.6L;0006.7R;0007.2L;0007.8R;0011.4B;0012.5R;0017.7L;0026.7R;0028.4R;
0039.9R;0040.5L;0044.0L;0047.2B;0049.9B;0053.1R;0055.5L;0058.0B;0062.4L;0066.5R;0071.4L;0072.9R;
0077.3R;0079.2R;0081.0R;0084.0R;0089.5B;0090.2L;0090.7R;0105.6B;0112.7L;0117.0R;0122.8B;0127.0R;
0131.2B;0132.4B;0136.0B;0152.8L;0158.6L;0168.3L;0189.2R;0194.6BB;0210.8L;0235.0B;02440R;0446.0B

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Many Sites
STUDY SIZE : Vol. I - 154 BH's: Vol. II - 149 BH's
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: Random
SURVEY SPACING: Random

PROGRAM LENGTH: 2 Months
SEASON : Summer

EQUIPMENT TYPE: Backhoe and/or Auger
PENETRATION(m): 0.6 - 9.1 m
RESOLUTION : Poor

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : Vol. I - 133 Samples
Vol. II - 99 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Field Logs/Lab Data Compilation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Vol. I - YTG; Vol. II - PWC

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-057
SPONSOR : Foothills Pipe Lines (Yukon)
CONTACT : Unknown
CONTRACTOR : Hardy Associates (1978) Ltd.
FILE NUMBER : K4329

YEAR : 1979
REPORT TITLE : Terrain Analysis of the Dempster Pipeline Route
DATA QUALITY : Good

LOCATION MAP :
- NUMBER : Unknown
- FORMAT : Paper copy
- SCALE : 1:2000000
- DIGITIZ NO. :
- ARCHIVING : R.M. Hardy & Associates Ltd.

SITE PLAN :
- NUMBER : 1A - 77
- FORMAT : Half-tone Airphoto
- SCALE : 1:n/a
- DIGITIZ NO.:
- ARCHIVING : R.M. Hardy & Associates Ltd.

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 472500 MAXIMUM NORTHING: 7575300
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Terrain Classification
STUDY SCOPE : Regional
STUDY SIZE : 715 kms
SURVEY LEVEL : Airphoto Interpretation
SURVEY PATTERN: Corridor
SURVEY SPACING: Continuous

PROGRAM LENGTH: Unknown
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING
- RATE : n/a
- QUALITY : n/a
- TYPE(S) : n/a
- SIZE : n/a

INTERPRETATION/TESTING LEVEL : Detailed Interpretation
REPORT LEVEL : Formal Terrain Classification & Mapping
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

========== PART A: STUDY REFERENCE AND LOCATION ==========

STUDY NUMBER : DHC-058
SPONSOR : Government of Yukon-Highways
CONTACT : Mr. John Murray
CONTRACTOR : Associated Eng. Services Ltd.
FILE NUMBER : Unknown

YEAR : 1981
REPORT TITLE : Dempster Highway Evaluation 1981 Field Notes

DATA QUALITY : Fair

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MAXIMUM NORTHING: 7487000

SOURCE NO(S) : Not Applicable to Study

========== PART B: STUDY DETAILS ==========

STUDY TYPE : Field Notes & Photographic Library List
STUDY SCOPE : Inspection & Evaluation of Highway in 1981
STUDY SIZE : Regional
SURVEY LEVEL : Reconnaissance
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: 3 Days

SEASON : Summer

EQUIPMENT TYPE: Vehicle,camera
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : n/a
REPORT LEVEL : Field Notes Outlining Remedial Work
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Government of Yukon

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-059
SPONSOR : Can-YT Gen. Subsidiary Agree.
YEAR : 1981
REPORT TITLE : Geological Interpretation & Evaluation of the Dempster Hwy Area NOTE: Maps Not Included

CONTACT : n/a
CONTRACTOR : Terrain Anal. & Mapping Serv.
FILE NUMBER : Unknown
DATA QUALITY : Good

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500 MAXIMUM NORTHING: 7437500
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geological
STUDY SCOPE : Regional
STUDY SIZE : Limited Field Work
SURVEY LEVEL : Reconnaissance Only
SURVEY PATTERN: n/a
SURVEY SPACING: n/a

PROGRAM LENGTH: Unknown
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING

RATE : n/a
QUALITY : n/a No Sampling
TYPE(S) : n/a
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Mapping of Surficial Geology
REPORT LEVEL : Data Compilation/Formal Geological Rep.
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Government of Yukon/Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-060
SPONSOR : Government of Yukon
YEAR : 1983
REPORT TITLE : Borrow Investigation
Klondike Highway
km 661 to km 716-Appendix E

CONTACT : J.R. Trimble, P.Eng.
CONTRACTOR : EBA Engineering Consultants
FILE NUMBER : 209-3817
DATA QUALITY : Good

LOCATION MAP :
NUMBER : E.1.1
FORMAT : Paper Copy
SCALE : 1:50000
DIGITIZ NO. :
ARCHIVING : EBA Eng. Consult. Whitehorse

SITE PLAN :
NUMBER : E.1.2 and E.1.3
FORMAT : Airphoto Half-tone
SCALE : 1:10000 and 1:1200
DIGITIZ NO.:
ARCHIVING : EBA Eng. Consult. Whitehorse

MINIMUM ZONE : 7 MINIMUM EASTING: 610950 MINIMUM NORTHING: 7098650
MAXIMUM ZONE : 7 MAXIMUM EASTING: 611300 MAXIMUM NORTHING: 7099000
SOURCE NO(S) : 0001.1L

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 9 Boreholes, 9 Test Pits
SURVEY LEVEL : Delineation
SURVEY PATTERN: Grid
SURVEY SPACING: Approx. 25 mi N-S, 25 m E-W

PROGRAM LENGTH: 3 Days
SEASON : Spring

EQUIPMENT TYPE: Backhoe; CME-750
PENETRATION(m): TP:1.9-2.5-3.0; BH:1.7-2.9-5.7
RESOLUTION : 0.1 m

SAMPLING/RECORDING

RATE : Random
QUALITY : Good
TYPE(S) : Grab
SIZE : 23 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Geotechnical Evaluation Report
REPORT DISTRIBUTION : Sponsor
DATA ARCHIVING : EBA Engineering Consultants

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-061
SPONSOR : Public Works Canada
YEAR : 1984
REPORT TITLE : Geotechnical Investigation
Thaw-Subsidence
km 496, Dempster Hwy, N.W.T.

CONTACT : Dennis Cook
CONTRACTOR : Public Works Canada
FILE NUMBER : 9/01AM83/RC/2
DATA QUALITY : Good

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : Unknown
FORMAT : Blueline Airphoto
SCALE : 1:2400
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 8 MINIMUM EASTING: 457000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 478000 MAXIMUM NORTHING: 7459000
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 8 Boreholes
SURVEY LEVEL : Delineation
SURVEY PATTERN: Grid
SURVEY SPACING: 105 m N-S, 150 m E-W

PROGRAM LENGTH: Unknown
SEASON : Winter

EQUIPMENT TYPE: B-40
PENETRATION(m): 2.5-4.7-6.1 m
RESOLUTION : 0.1 m

SAMPLING/RECORDING

RATE : 0.5 - 1.5 m
QUALITY : Disturbed
TYPE(S) : Grab
SIZE : 31 Samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Geotechnical Evaluation Report
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-062
SPONSOR : Public Works Canada
CONTACT : Mr. Eric Gibson
CONTRACTOR : J.R. Paine & Associates Ltd.
FILE NUMBER : 119499

YEAR : 1984
REPORT TITLE : Engineer Creek, km 162
Culvert Failure
Dempster Highway, Yukon

DATA QUALITY : Fair

LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :
NUMBER : 1
FORMAT : Photocopy
SCALE : 1:Sketch
DIGITIZ NO.:
ARCHIVING : Public Works Canada

MINIMUM ZONE : 7 MINIMUM EASTING: 624220 MINIMUM NORTHING: 7122100
MAXIMUM ZONE : 7 MAXIMUM EASTING: 624220 MAXIMUM NORTHING: 7122100
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Site Specific
STUDY SIZE : 3 Boreholes
SURVEY LEVEL : Reconnaissance/Delineation
SURVEY PATTERN: At Culvert Failure Location
SURVEY SPACING: n/a

PROGRAM LENGTH: 1 Day
SEASON : Spring

EQUIPMENT TYPE: Schramm Air Rotary Drill
PENETRATION(m): 9.5 m - 12.6 m
RESOLUTION : Good

SAMPLING/RECORDING

RATE : Regular
QUALITY : Disturbed
TYPE(S) : SPT
SIZE : 9 samples

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Formal Geotechnical
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-063
SPONSOR : Government of N.W.T.
YEAR : 1985
REPORT TITLE : Geotechnical Evaluation
Dempster Highway, N.W.T.
km 8.5 - 247

CONTACT : Mr. John Bowen
CONTRACTOR : EBA Eng. Consultants Ltd.
FILE NUMBER : 0201-4426
DATA QUALITY : Good

LOCATION MAP :

NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a

SITE PLAN :

NUMBER : Unknown
FORMAT : Paper Copy of One Site
SCALE : 1:500
DIGITIZ NO.:
ARCHIVING : Government of N.W.T.

MINIMUM ZONE : 8 MINIMUM EASTING: 457000 MINIMUM NORTHING: 7431000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 585000 MAXIMUM NORTHING: 7711000

SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : 8 Sites
STUDY SIZE : 46 Boreholes
SURVEY LEVEL : Exploration/Delineation
SURVEY PATTERN: Corridor
SURVEY SPACING: 50 m E-W, 50 m N-S

PROGRAM LENGTH: 10 Days
SEASON : Fall

EQUIPMENT TYPE: CME 750 Hollow/Solid Auger, CRREL Barrel
PENETRATION(m): 2.4 - 6.6 - 10.7 m
RESOLUTION : 0.2 m

SAMPLING/RECORDING

RATE : Intermittent
QUALITY : CRREL Core, and Disturbed
TYPE(S) : 100 m Dia. CRREL Core, Grab, SPT
SIZE : 102 CRREL Core, 46 Grab, 5 SPT

INTERPRETATION/TESTING LEVEL : Routine Classification
REPORT LEVEL : Geotechnical Evaluation Report
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-066
SPONSOR : Government of N.W.T.
YEAR : 1987
REPORT TITLE : Ground Penetrating Radar Dempster Highway, N.W.T. km 0 - 85

CONTACT : Mr. M. Lanteigne
CONTRACTOR : EBA Eng. Consultants Ltd.
FILE NUMBER : 0101-4657
DATA QUALITY : Good

LOCATION MAP :
NUMBER : Unknown
FORMAT : Paper Copy
SCALE : 1:200000
DIGITIZ NO. :
ARCHIVING : Government of N.W.T.

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7431000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 564000 MAXIMUM NORTHING: 7488000

SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geophysical
STUDY SCOPE : Regional
STUDY SIZE : 85 km
SURVEY LEVEL : Exploration/Reconniassance
SURVEY PATTERN: Line
SURVEY SPACING: Continuous

PROGRAM LENGTH: Unknown
SEASON : Winter

EQUIPMENT TYPE: Ground Penetrating Radar
PENETRATION(m): 2.5-3.5 m
RESOLUTION : 0.5 m

SAMPLING/RECORDING

RATE : Continuous
QUALITY : n/a
TYPE(S) : Analog, Distance Recorded
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Detailed
REPORT LEVEL : Annotated Records/Formal Geophy. Interp.
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-065
SPONSOR : Government of N.W.T.
YEAR : 1986
REPORT TITLE : Report on Remote Sensing of Ice Wedges by Airphoto Interpretation, NWT km 0-85

CONTACT : Unknown
CONTRACTOR : Geocon Inc.
FILE NUMBER : A1564/41252
DATA QUALITY : Fair

LOCATION MAP :
- NUMBER : 0
- FORMAT : n/a
- SCALE : 1:n/a
- DIGITIZ NO. :
- ARCHIVING : n/a

SITE PLAN :
- NUMBER : A25006-16to55, A25005-52to160
- FORMAT : Photocopies of Airphotos
- SCALE : 1:15000
- DIGITIZ NO.:
- ARCHIVING : Government of Yukon

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 565000 MAXIMUM NORTHING: 7488000
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geotechnical
STUDY SCOPE : Regional
STUDY SIZE : 85 km
SURVEY LEVEL : Airphoto Interpretation
SURVEY PATTERN: Corridor/Line
SURVEY SPACING: Continuous

PROGRAM LENGTH: Unknown
SEASON : n/a

EQUIPMENT TYPE: n/a
PENETRATION(m): n/a
RESOLUTION : n/a

SAMPLING/RECORDING
- RATE : n/a
- QUALITY : n/a
- TYPE(S) : n/a
- SIZE : n/a

INTERPRETATION/TESTING LEVEL : n/a
REPORT LEVEL : Annotated Records/Formal Airphoto Interp
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

PART A: STUDY REFERENCE AND LOCATION

STUDY NUMBER : DHC-066
SPONSOR : Government of N.W.T.
YEAR : 1987
REPORT TITLE : Ground Penetrating Radar Dempster Highway, N.W.T. km 0 - 85

CONTACT : Mr. M. Lanteigne
CONTRACTOR : EBA Eng. Consultants Ltd.
FILE NUMBER : 0101-4657
DATA QUALITY : Good

LOCATION MAP :
NUMBER : Unknown
FORMAT : Paper Copy
SCALE : 1:200000
DIGITIZ NO. :
ARCHIVING : Government of N.W.T.

SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a

MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MINIMUM NORTHING: 7431000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 564000 MAXIMUM NORTHING: 7488000
SOURCE NO(S) : Not Applicable to Study

PART B: STUDY DETAILS

STUDY TYPE : Geophysical
STUDY SCOPE : Regional
STUDY SIZE : 85 km
SURVEY LEVEL : Exploration/Reconniassance
SURVEY PATTERN: Line
SURVEY SPACING: Continuous

PROGRAM LENGTH: Unknown
SEASON : Winter

EQUIPMENT TYPE: Ground Penetrating Radar
PENETRATION(m): 2.5-3.5 m
RESOLUTION : 0.5 m

SAMPLING/RECORDING

RATE : Continuous
QUALITY : n/a
TYPE(S) : Analog, Distance Recorded
SIZE : n/a

INTERPRETATION/TESTING LEVEL : Detailed
REPORT LEVEL : Annotated Records/Formal Geophy. Interp.
REPORT DISTRIBUTION : Sponsor/Contractor
DATA ARCHIVING : Sponsor/Contractor

EBA PROJECT NUMBER : 0201-4989

APPENDIX D

APPENDIX D

DATA DICTIONARY--SOURCE CATALOGUE

DEMPSTER HIGHWAY CORRIDOR, YT/NWT
GRANULAR RESOURCES DATABASE

DATA DICTIONARY --- SOURCE CATALOGUE

PART A: LOCATION AND STATUS

AA - SOURCE NUMBER:

Each source has been assigned a unique seven-character alphanumeric source number, which serves as a link to other databases. The number consists of six digits representing the kilometre post (to tenths) along the Dempster Highway where the source is located, and an alphabetic suffix (L-Left; R-Right; B-Both) to denote source location relative to the highway centreline while facing the direction of increasing kilometre posts. (e.g. 1798.0B).

AB - STUDY NUMBER:

A cross reference field showing the Report Number(s) (in the Report Catalogue) in which the source is described, and from which data was obtained to prepare the Source Catalogue Data Sheet.

AC - NTS MAP REFERENCE:

The National Topographic Series (NTS) 1:50,000 scale map reference number of the map containing the majority of the outlined deposit. (e.g. 115 k/7)

AD - MAP DIGITIZER NUMBER:

A unique five digit identifier number, to be assigned by INAC, which identifies a data set of points, lines, or polygons to be digitized from the location plan. This number links the granular deposit database to INAC's spatial database system.

AE - LOCATION MAP/PLAN SCALE:

The scale, expressed in terms of the representative fraction (e.g. 1:250,000) of any small scale accompanying regional map which indicates the location of separate study/borrow sites. The denominator only of the representative fraction is given since by definition the numerator is unity. (e.g. 250000)

The next seven fields (AF-AL) provide location details for the Source, including Universal Transverse Mercator (UTM) co-ordinates, and highway kilometre posts. In each case, the co-ordinates are normally determined for the approximate centre of the source.

AF - UTM ZONE/EASTING:

The UTM zone in which the deposit occurs, and the north-south oriented UTM grid line passing through the centre of the deposit. (e.g. 7-381987)

AG - LOCATION

The descriptive location of the source relative to a geographic feature. (e.g. 6 km N of White River).

AH - NORTHING:

The east-west oriented UTM grid line passing through the centre of the deposit. (e.g. 7548335)

AI - LOCAL NAME(S):

Many sources are known locally by one or more names, rather than the designated source number. Although these names may vary over time or be duplicated between sources, they should be recorded as is. (e.g. Burwash Creek)

AJ - CORRIDOR NUMBER AND NAME:

The name of the transportation route within whose corridor the deposit occurs. (e.g. Robert Campbell Highway; Alaska Highway)

AK - KILOMETRE-POST:

The kilometre-post (KP) of the point along the transportation corridor at which access is relatively direct to the deposit, or the most nearly adjacent point on the corridor to the location of the deposit.

AL - OFFSET: DISTANCE AND DIRECTION:

The distance in metres from the corridor centreline to the centre of the deposit. The direction (left or right) is determined when facing in the direction of increasing kilometre-posts. (e.g. 350 left)

AM - SOURCE ACCESS:

A short description of the most practical route to the source.

AN - DISTANCE ACCESS:

The distance in metres along the above described access route from the corridor to the deposit. Ideally, this should be the same as the offset distance; however, where this is not possible due to steep slopes or rivers, the access distance can vary significantly from offset.

AO - CONDITION:

A description of the type and condition of the access route, (e.g. seismic line; undeveloped; winter road; ice road, developed)

AP - AREA:

The total estimated areal extent, in hectares, of potentially usable granular resources which comprise the deposit. (e.g. 1; 10; 100)

AQ - SITE PLAN SCALE:

The scale, expressed in terms of the representative fraction (e.g. 1:10,000) of any larger scale accompanying site plan which indicates the location of boreholes/ testpits/grab samples or geophysical survey grids. The denominator only of the representative fraction is given since the numerator is consistently "1" (e.g. 10000)

AR - PLAN DIGITIZER NUMBER(S):

A unique five digit identifier number or series of numbers, to be assigned by INAC, which identifies a data set of points, lines, or polygons to be digitized from the site plan. This number links the granular deposit database to INAC's spatial database system.

AS - LAND TENURE:

The legal status of the land upon which the deposit is located. (e.g. Private; Territorial)

AT - STATUS:

The current status of the deposit in terms of development of granular resources. (e.g. active; inactive; abandoned; depleted; undeveloped; stripped; unproven)

AU - PAST USE:

A summary of any known previous source development or exploitation activity in terms of type and amount of material removed and use of material. (e.g. borrow)

AV - STOCKPILE TYPE

A qualitative description of the processed materials on site. (e.g. 38 mm screened gravel)

AW - PERFORMANCE RATING:

A summary of any known assessment of the performance of previously used material from the source. (e.g. poor, fair, good)

AX - QUANTITY

An estimate of quantity stockpiled a site, at the time of the last record update.

PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION

BB - INVESTIGATION LEVEL:

The greatest level of detail of previous site investigation work at the subject deposit (e.g. airphoto interpretation; reconnaissance; exploratory drilling; delineation drilling; production drilling).

BC - LAST INVEST DATE:

The year in which the most recent site investigation work was completed.

BD - GEOPHYSICAL DATA:

The type and length of any geophysical surveys completed at the deposit.
TYPE: LINE M:(e.g. EM-31 : 1550 m)

BE - TEST HOLE DENSITY

The number of boreholes plus the number of test pits divided by the estimated source area. (Field AP).

SUBSURFACE DATA:

The number, range and average depth of subsurface penetration of the various site investigation methods used to define the source materials.

BF - BOREHOLES: NUMBER:

The total number of boreholes (augerings, borings, boreholes, etc.) completed and logged within, or immediately adjacent to the deposit, which provide subsurface information defining the type, extent and quality of granular materials.

BG - TESTPITS: NUMBER:

The total number of hand- or equipment-excavated testpits or trenches completed and logged within, or immediately adjacent to the deposit, which provide subsurface information defining the type, extent and quality of granular materials.

BH - EXPOSURES: NUMBER:

The total number of natural or man-made exposures or outcrops (e.g. on steep slopes, stream banks; or exposed pit faces, cutbanks), within, or immediately adjacent to the deposit, which have been logged to provide subsurface information defining the type, extent and quality of granular materials.

BI - BOREHOLES: DEPTH:

A listing of the minimum, average and maximum depth of penetration of the total collection of boreholes for the deposit, in tenths of metres. (e.g. 3.1-5.6-10.3)

BJ - TESTPITS: DEPTH:

A listing of the minimum, average and maximum depth of penetration of the total collection of testpits for the deposit, in tenths of metres. (e.g. 0.5-2.6-5.3)

BK - EXPOSURES: DEPTH:

A listing of the minimum, average and maximum depth of subsurface materials exposed in the total collection of exposures for the deposit, in tenths of metres. (e.g. 01.5-06.1-15.0)

BL - DATA QUALITY

A subjective description of the usefulness of the data with respect to the preparation of the source catalogue.

SOURCE DESCRIPTION:

A brief summary of the physical setting of the deposit which will aid in the analysis and understanding of the type, extent, quality and uniformity of the available granular materials and the suitability of the deposit for development and exploitation.

BM - TOPOGRAPHY:

A general description of the collective physical features, relief and contour of the area. (e.g. flat, gently rolling, rolling, hummocky, undulating, ridged, dissected, plateau, mountainous)

BN - SLOPE:

A general description of the slopes on and immediately adjacent to the deposit in terms of type (e.g. simple; compound; complex), degree (e.g. flat; gentle; moderate; steep; precipitous) and direction (e.g. GENTLE/NW).

BO - AREA DRAINAGE:

A general description of the general direction and apparent condition (e.g. well; moderate; poor; saturated; flooded) of surface and subsurface drainage at the site. (e.g. SSE- moderate, flooded to S)

BP - SOURCE VEGETATION:

A general description of the most significant features of the vegetation cover on and immediately adjacent to the deposit which may provide an indication of the type of materials within the deposit, the presence or absence of permafrost or wet conditions, or potential site development or restoration difficulties. Vegetation should be described, as appropriate, in terms of age, size or complexity (e.g. mixed; sapling; mature), density (e.g. nil; sparse; moderate; dense) and type (e.g. poplar; black/white spruce; jackpine; willow) for each of tree cover, understorey and ground cover. (e.g. mature mixed poplar and white spruce to 15 m, few tamarack /sparse poplar saplings / dense bearberry, sparse sphagnum and sedges)

BQ - PERMAFROST FEATURES:

A general description of surface and/or subsurface features which demonstrate or indicate the presence of permafrost conditions within or adjacent to the deposit. (e.g. Vx, Vr)

BR - ACTIVE LAYER THICKNESS:

A listing of the minimum, average and maximum measured thickness of the seasonally thawed and frozen active layer within and adjacent to the deposit, determined from the boreholes, testpits, probings and exposures which encountered apparently perennially frozen materials, in tenths of metres. (e.g. 0.2-1.0-1.8)

BS - SITE DESCRIPTION DATE:

The date on which the site description was completed, or where more than one site visit was involved, the date upon which the maximum active layer thickness was measured, in the format: mm/dd/yy (e.g. 09/04/80).

BT - GENERIC ORIGIN:

The environment of deposition or geologic process believed to be responsible for the formation of the subject surficial feature or deposit comprised of granular materials. (e.g. alluvial; fluvial; glacial; glaciofluvial; glaciomarine; lacustrine)

BU - LANDFORM:

The type of surficial feature comprising the subject granular materials, within which geologic conditions are interpreted to be relatively uniform or are variable within limits characteristic of the type of feature. (e.g. delta; esker; fan; kame; outwash plain; terrace)

SOURCE STRATIGRAPHY:

A general description of the type, range and average thickness of the main surficial materials units comprising the granular source, based on subsurface information from only those boreholes, testpits and exposures which encountered granular materials.

BV - GRANULAR TYPE:

A brief description of the type of granular materials encountered within the area delineated as a granular source. (e.g. GRAVEL AND SAND, well-graded; SAND - gravelly, some silt)

BW - OVERBURDEN TYPE:

A brief description of the type of overburden materials present over the area containing granular materials. (e.g. PEAT - over silt)

BX - GRANULAR THICKNESS:

A listing of the minimum, average and maximum thickness of granular materials over the deposit, determined from the boreholes, testpits and exposures in the area delineated as a granular source, in tenths of metres. (e.g. 1.0-5.2-12.8)

BY - OVERBURDEN THICKNESS:

A listing of the minimum, average and maximum thickness of overburden materials over the deposit, determined from the boreholes, testpits and exposures which encountered granular materials, in tenths of metres. (e.g. 0.0-1.2-2.8)

BZ - UNDERBURDEN:

A brief description of the type of materials underlying the granular materials in the source area. (e.g. CLAY (Till) - wet)

B1 - DEVELOPMENT CONSTRAINTS:

A general indication of any potential constraints to short or long term development of the source, expressed in terms of the type of constraint, (e.g. access; materials; drainage; permafrost; environmental; socioeconomic) with details, as appropriate, on the nature and impact of the constraint.

B2 - DEVELOPMENT POTENTIAL:

A summary comment, expressed in qualitative terms, of the general suitability of the deposit for development. The potential is based essentially on the anticipated overall extent and quality of the available granular materials, but also considers the level of detail of existing site investigation, the presence, extent and type of overburden, drainage and permafrost conditions, other surface or sub-surface characteristics and general accessibility. (e.g. unknown; unsuitable; poor; fair; good; excellent)

PART C: TEST RESULTS AND MATERIAL QUANTITY

TEST RESULTS:

A summary of the cumulative results of laboratory testing, completed in accordance with ASTM or CSA standard test procedures, of samples from the deposit in terms of test name, number of samples tested, and ranges and averages of test results.

CC - UNIFIED SOIL CLASSIFICATION - NUMBER:

The number of samples classified under the Unified Soil Classification (USC) system, in accordance with ASTM standard D 2487. (e.g. 121)

CD - MOISTURE CONTENT(%) - NUMBER:

The number of samples for which soil Moisture Content (MC%) has been determined, in accordance with ASTM standard D2216. (e.g. 102)

CE - UNIFIED SOIL CLASSIFICATION - CLASS:

The average USC class of material types sampled from the deposit. (e.g. SM/SP)

CF - MOISTURE(%): RESULTS:

The minimum, average and maximum soil Moisture Content, based on percentage of dry soil weight, for the collection of samples tested. (e.g. 03-12-021)

CG - SIZE ANALYSIS: NUMBER:

The number of samples for which particle-size analysis testing has been completed, in accordance with ASTM standards D 421 and D 422. (e.g. 111)

CH - GRAVEL(%):

The minimum, average and maximum percentage of gravel-sized material (4.76 mm - 75 mm dia.) is determined by particle-size analysis testing. (e.g. 05-45-85)

CI - SAND(%):

The minimum, average and maximum percentage of sand-sized material (0.074 mm - 4.76 mm dia.) is determined by particle-size analysis testing. (e.g. 25-37-52)

CJ - FINES(%):

The minimum, average and maximum percentage of silt- and clay-sized material (under 0.074 mm dia.) is determined by particle-size analysis testing. (e.g. 02-07-12)

CK - OVERSIZE(%):

The minimum, average and maximum percentage of oversized material; (over 75 mm dia.), in pit run material from the source, as determined by field estimates, field sieving, or laboratory testing. (e.g. 00-10-35)

CL - D-50 (um)

The minimum, average and maximum Median Diameter (D-50), in micrometres (um) of samples subjected to particle-size analysis testing. (e.g. 00210-01200-03600)

CM - PETROGRAPHIC ANALYSIS - NO. OF TESTS:

The number of samples for which Petrographic Analysis testing has been completed to determine the Petrographic Number (PN) of samples from the deposit, in accordance with CSA standard A23.2, Appendix B. (e.g. 01, 10)

CN - PETROGRAPHIC NUMBER - RESULTS:

The range and average Petrographic Number (PN) for the deposit, based on petrographic analysis, for the above collection of samples, presented in the format: minimum-average-maximum. (e.g. 102-114-123)

CO - OTHER TESTS:

A listing of up to eight other types of tests conducted on samples from the deposit, the number of samples tested, and the average values of the test results, presented in the format: test (11 digits)-number (2 digits)-average results (4 digits). Typical entries are described in more detail below.

ABSORPTION(%):

The number and average of all results, expressed in terms of weight percentage, of all Absorption testing on samples from the deposit, in accordance with CSA standard A23.2-12A. (e.g. Absorption(%)-12-01.1)

CLEANNESS(C/F):

The number and average of all results of Cleanness of Aggregate testing on samples of coarse or fine aggregate from the deposit, in accordance with California Test Method 224. (e.g. Cleanness(C)-04-50.5)

DURAB_INDEX:

The number and average of all results of durability index testing on samples from the deposit. (e.g. Durab_Index-03-65.3)

LA_ABRASION:

The number and average of all results, expressed in percentage weight loss, of Los Angeles (LA) Abrasion Testing on samples from the deposit, in accordance with CSA A23.2-16A. (e.g. LA Abrasion-03-26.3)

ORGAN_PLATE:

The number and average of all results, expressed in terms of reference plate number, of Organic Plate testing on samples from the deposit. (e.g. Organ Plate-05-03.2)

ORG_CONTENT:

The number and average of all results, expressed in terms of percentage weight loss, of Organic Content testing, in accordance with the Alaskan test method. (e.g. Org Content-12-00.5)

SULPH_SD_MG/NA:

The number and average of all results, expressed in percentage weight loss, of all Sulphate Soundness (Magnesium or Sodium, Mg/Na) testing on samples from the deposit, in accordance with CSA standard A23.2-9A. (e.g. Sulph Sd Na-02-03.2)

REACT_PR/MB_3M/6M/12/18:

The number and average of all results, expressed in terms of percentage expansion, of alkali-aggregate reactivity testing on concrete prisms, or mortar bars, after three, six, twelve or eighteen months, in accordance with CSA A23.2-14A-M77 or ASTM C-227, respectively.
(e.g. React_Mb_3M-02-.085)

REL_DENSITY:

The number and average of all results, expressed in terms of saturated surface dry conditions, of all Relative Density testing on samples from the deposit, in accordance with CSA standard A23.2-12A. (e.g. Rel Density-12-2.62)

MATERIAL QUANTITY (All in cubic metres):

Calculated and/or estimated volumes of granular material contained in the deposit, expressed in terms of DIAND-designated material classes, and in terms of confidence level of the quantities determined in accordance with the following definitions:

CLASS:

DIAND has developed a simple classification system for granular resources, presented in the draft Territorial and Public Lands Pits and Quarries Regulations, which considers both the Unified Soil Classification of materials, and their most suitable end use. The quantity estimates should be given, where possible, in terms of each of the five material classes, as defined in each class field (see CP to CT, below), and in terms of the total (see CU) for the deposit.

PROVEN VOLUME:

Material in each class whose occurrence, distribution, thickness and quality is supported with a high degree of confidence by ground truth such as geotechnical drilling, test pitting, and/or exposed stratigraphic sections. The thickness of material encountered in a borehole is usually extrapolated to a radius not exceeding 50 metres around the hole, with adjustments applied by assessing landform type and anticipated or known deposit homogeneity.

PROBABLE VOLUME:

Material in each class whose existence and extent is inferred on the basis of several types of direct and indirect evidence, including topography, landform characteristics, airphoto interpretation, extrapolation of stratigraphy, geophysical data and/or limited sampling. Additional investigation is needed to determine a reliable material volume. The volume is estimated by projecting known parameters (typically those of proven resources) over the entire deposit, with adustments for landform type, anticipated homogeneity and other site characteristics such as ice content and drainage.

PROSPECTIVE VOLUME:

Material in each class whose existence is merely speculated on the basis of limited indirect evidence, such as airphoto interpretation and/or general geological considerations. The volume is typically estimated for the maximum areal extent of the deposit and the estimated relief of the geomorphic feature, with adjustments for anticipated site and deposit characteristics.

All material quantities in the various classes of the Dempster Highway database are presented as PROBABLE VOLUME.

CP - CLASS 1:

The calculated and/or estimated volumes of excellent quality granular material, consisting of clean, well-graded, structurally sound sands and gravels suitable for use as high quality surfacing materials, or as high quality asphalt or concrete aggregate, with a minimum of processing.

CQ - CLASS 2:

The calculated and/or estimated volumes of good quality granular material, consisting of well-graded sands and gravels with varying, limited quantities of silt (fines), and suitable for use as good quality base and surface course aggregates, embankment or structure-supporting fill. May be suitable for production of concrete aggregate with extensive processing, except where deleterious material is present.

CR - CLASS 3:

The calculated and/or estimated volumes of fair quality granular material, consisting of generally poorly-graded sands and gravels with or without substantial quantities of silt (fines), and suitable for fair quality general fill (subbase, base, embankment fill) for roads, flexible foundation pads, or lay-down yards.

CS - CLASS 4:

The calculated and/or estimated volumes of poor quality granular material, consisting of generally poorly-graded, silty fine sands with minor gravels, with or without weak particles and deleterious materials, and suitable for marginal general (non-structural) fill.

CT - CLASS 5:

The calculated and/or estimated volumes of fair to excellent quality bedrock, felsenmeer, talus or similar extremely coarse granular material, suitable for quarrying and processing to produce potentially excellent construction materials ranging from general fill, to concrete aggregate, building stone, and erosion control materials such as rip rap or armour stone.

CU - TOTAL VOLUME:

The calculated and/or estimated volume of all of the above classes of granular materials potentially available in the deposit.

CV - TOTAL RECOVERABLE:

The calculated or estimated volume of useable granular material from the deposit, based on the maximum areal extent of useable material in the deposit, and the anticipated maximum recoverable thickness, as determined from test pit and borehole information or inferred from assessment of deposit and site characteristics.

CW - ANNUAL RECOVERABLE:

The calculated or estimated volume of material which is likely to be recovered in a single extraction season, based on the maximum areal extent of useable material in the deposit, and the anticipated maximum thickness of annual thawing of surficial materials, as determined from test pit and borehole information or inferred from assessment of deposit and site characteristics.

CX - RECORD UPDATED BY:

The name of the contractor or person who originally compiled the database and a listing of contractors or persons who have subsequently undertaken significant updating of the database contents.

CY - LAST UPDATE:

The date of the last update of the information presented for the subject granular materials deposit, presented in the format: mm/dd/yy
(e.g. 04/25/89)

APPENDIX E

APPENDIX E

SOURCE CATALOGUE--84 RECORDS

dBASE III+ FILE: DHSOURCE.DBF

REPORT OUTLINE (R & R): DHSOURCE.RP1

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0001.1L STUDY NO. : DHC-060
NTS MAP REFERENCE : 1050/15 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-610950 LOCATION : 1.2 km up North Fork Rd.
UTM NORTHING : 7098650
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 1.1 OFFSET(m) : 1200-L

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 1200 CONDITION : Good
AREA (ha) : 10 SITE SCALE: 1:1000 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Undeveloped STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1983
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.8
BOREHOLES - NUMBER : 9 TEST PITS - NO. : 9 EXPOSURES - NO. : 1
- DEPTH (m) : 1.7-2.9-5.7 - DEPTH (m): 1.9-2.5-3 - DEPTH (m) : 0.1-0.5
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Gravel Terrace SLOPE: Flat But Irregular
AREA DRAINAGE : Well Drained
SOURCE VEGETATION : 100 mm Diameter Aspen to 10 m in Height, Few 5.0 m High Spruce-Typ. Perm.
PERMAFROST FEATURES: Poorly Bonded, Few Pockets of Ice Bonded Gravel
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Raised Terrace
GRANULAR - TYPE : GRAVEL AND SAND-well graded OVERBURDEN-TYPE : ORGANICS OVER SILT
- THICKNESS (m) : 1.4-2.3-5.3 - THICKNESS (m): 0.5
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Klondike River
DEVELOP. POTENTIAL : Excellent

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 11 MOISTURE CONTENT-NUMBER : 0
CLASS : GW/GW/GW -RESULTS: n/a
SIZE ANALYSIS-NO. : 12 GRAVEL (%) : 54-62-73 SAND (%): 33-34-41 FINES (%): 1-4-6
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : L.A. Abrasion - Grading B - % wear 16%

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 100,000
CLASS 2: 100,000
TOTAL RECOVERABLE : 300,000 CLASS 3: 100,000
ANNUAL RECOVERABLE : n/a CLASS 4: n/a
CLASS 5: n/a
TOTAL VOLUME: 300,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0001.1L STUDY NO. : n/a
NTS MAP REFERENCE : 1050/15 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-611250 LOCATION : at North Fork Road
UTM NORTHING : 7096400
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 1.1 OFFSET(m) : 35-L

SOURCE ACCESS : Cleared to Highway
ACCESS DISTANCE (m): 30 CONDITION : Excellent
AREA (ha) : 1.0 SITE SCALE: 1: DIGITIZ NO:

LAND TENURE : Territorial STATUS : 2/3 Depleted
PAST USE - SOURCE : Crush Pit STOCKPILE - TYPE : 20 mm CRUSHED GRAVEL
PERFORMANCE RATING : Good - QUANTITY : 150 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Field Reconnaissance LAST INVEST DATE : 1989
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): n/a
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 2
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : 4.0-UN-UN
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Gravel Terrace SLOPE: Gentle to the south
AREA DRAINAGE : Fair
SOURCE VEGETATION : Aspen and Spruce
PERMAFROST FEATURES: Black Spruce Surrounding Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : Min. of 3 m - THICKNESS (m): 0.5-0.7-1.0
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possibly Permafrost, Close to Highway
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : None

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 5,000
CLASS 2: 5,000
TOTAL RECOVERABLE : 10,000 CLASS 3: n/a
ANNUAL RECOVERABLE : Unknown CLASS 4: n/a
CLASS 5: n/a
TOTAL VOLUME: 10,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/25/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0001.3B STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 1150/15 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-611600 LOCATION : 1.3 km N of Klon. Hwy Int
UTM NORTHING : 7097600
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 1.3 OFFSET(m) : R-L

SOURCE ACCESS : Pit Entrance off Right and Left Side of Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 16 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : 2/3 Developed
PAST USE - SOURCE : Borrow & Crushed Gravel STOCKPILE - TYPE : Crushed Gravel
PERFORMANCE RATING : Unknown - QUANTITY : 200 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.8
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 12 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.5-3.4-4.0 - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Gravel Terrace SLOPE: 10% to the South
AREA DRAINAGE : Poorly Drained - Permafrost
SOURCE VEGETATION : 8 m Spruce
PERMAFROST FEATURES: Spruce Trees - Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Raised Terrace
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : ORGANICS over SILT
- THICKNESS (m) : 0.9-3.1-4.0 - THICKNESS (m): 0.0-0.3-0.6
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Water at 1.4 m along W perimeter of existing Pit
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 15 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GM/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 15 GRAVEL (%) : 62-74-81 SAND (%): 16-23-32 FINES (%): 1-3-6
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : Trial Crush - No:6 G:57-63-67 S:31-34-37 F:2-4-7

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 50,000
TOTAL RECOVERABLE : 50,000
CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown
CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0003.3R STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 1150/15 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-613350 LOCATION : 3.3 km N of Klon. Hwy Int
UTM NORTHING : 7098070
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 3.4 OFFSET(m) : R

SOURCE ACCESS : Entrance off Highway into Existing Pit
ACCESS DISTANCE (m): 0 CONDITION : Good
AREA (ha) : 2.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : None

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.6
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-3.5-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Flat SLOPE: Flat - 200 mm to S of Hwy
AREA DRAINAGE : Poor (Permafrost)??
SOURCE VEGETATION : Spruce
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Gravel Terrace LANDFORM(S) : Raised Terrace
GRANULAR - TYPE : GRAVEL(GP)-sandy OVERBURDEN-TYPE : SILT AND GRAVEL
- THICKNESS (m) : 3.0-3.4-3.7 - THICKNESS (m): 0.0-UN-0.6
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Terrace narrow on Right side of Highway
DEVELOP. POTENTIAL : Fair to poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 73-UN-91 SAND (%): 8-UN-25 FINES (%): 1-UN-3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 45,000
TOTAL RECOVERABLE : 90,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 15,000
CLASS 5: Unknown
TOTAL VOLUME: 90,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0005.1R STUDY NO. : DHC-056
NTS MAP REFERENCE : 115O/5 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-614850 LOCATION : 5.1 km N of Klon. Hwy Int
UTM NORTHING : 7098750
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 5.1 OFFSET(m) : 60-R

SOURCE ACCESS : Existing Pit Entrance
ACCESS DISTANCE (m): 60 CONDITION : n/a
AREA (ha) : 0.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : None

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 4
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Unknown
AREA DRAINAGE : Well Drained at Pit
SOURCE VEGETATION : Poplars with Dwarf Black Spruce to South
PERMAFROST FEATURES: Dwarf Black Spruce and Moss Ground Cover
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Raised Terrace
GRANULAR - TYPE : GRAVEL-some sand-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.4-3.6-3.7 - THICKNESS (m): 0.7-2.0
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost to south of pit
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 81-86 SAND (%): 13-17 FINES (%): 1-2
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 20,000 CLASS 3: 20,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 20,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0006.6L STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-615800 LOCATION : 300 m past N Ford Rd Jct
UTM NORTHING : 7099900
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 6.6 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 3 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : None

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 5 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-3.3-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Gently to the Southwest
AREA DRAINAGE : Well Drained in Pit Area
SOURCE VEGETATION : Poplars; Spruce to North
PERMAFROST FEATURES: Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT-gravelly
- THICKNESS (m) : 2.4-3.0-3.7 - THICKNESS (m): 0.0-0.4-0.9
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to Highway & Permafrost on Right Side
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 5 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 5 GRAVEL (%) : 70-UN-81 SAND (%): 18-UN-26 FINES (%): 1-UN-4
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 105,000 CLASS 3: 75,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 105,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0006.7B STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-616220 LOCATION : 6.7 km N of Klon. Hwy Int
UTM NORTHING : 7099950
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 6.9 OFFSET(m) : R/L

SOURCE ACCESS : Along Highway at km 6.6 and 6.9
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 4.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : 0

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha):
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7-3.7-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Gently Sloping South
AREA DRAINAGE : Good at Pit, Poor to the South
SOURCE VEGETATION : Poplars Around Pit & Black Spruce Beyond
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Raised Terrace
GRANULAR - TYPE : GRAVEL-well graded OVERBURDEN-TYPE : ORGANIC SILT AND SILTY GRAVEL
- THICKNESS (m) : 2.8-3.5-3.7 - THICKNESS (m): 0.0-UN-0.9
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to Highway, Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 73-UN-79 SAND (%): 19-UN-25 FINES (%): 2-2-2
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 66,000
CLASS 2: 100,000
TOTAL RECOVERABLE : 166,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 166,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0007.2L STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-616390 LOCATION : 7.2 km N of Klon. Hwy Int
UTM NORTHING : 7100350
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 7.2 OFFSET(m) : L

SOURCE ACCESS : Access for Existing Pit Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2.0
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: 10% to South
AREA DRAINAGE : Poor Around Pit
SOURCE VEGETATION : Poplars Around Pit & Black Spruce Beyond
PERMAFROST FEATURES: Black Spruce and Moss
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.1-2.9-3.7 - THICKNESS (m): 0.0-UN-0.9
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to Highway, Permafrost
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 80 SAND (%): 18 FINES (%): 2
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 35,000
TOTAL RECOVERABLE : 35,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 35,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0007.8R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-617000 LOCATION : 7.8 km N of Klon. Hwy Int
UTM NORTHING : 7100310
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 7.8 OFFSET(m) : R

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Gently to the South
AREA DRAINAGE : Poor Outside Pit
SOURCE VEGETATION : Poplars Around Pit & Black Spruce Beyond (moss cover)
PERMAFROST FEATURES: Black Spruce and Moss
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.7-UN-UN - THICKNESS (m): 0.2-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost-close to Highway
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 70 SAND (%): 28 FINES (%): 2
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 55,000 CLASS 3: 55,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 55,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/28/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0009.2L STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-617780 LOCATION : 6 Mile Creek
UTM NORTHING : 7101250
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 9.2 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Good - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Gentle to the East
AREA DRAINAGE : Well Drained in Pit Area
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.7-UN-UN - THICKNESS (m): 0.7-UN-UN
UNDERBURDEN : Unknown

DEVELOP. CONSTRAINT: Close to Highway
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 82 SAND (%): 16 FINES (%): 2
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)

TOTAL RECOVERABLE : 55,000
ANNUAL RECOVERABLE : Unknown

CLASS 1: Unknown
CLASS 2: Unknown
CLASS 3: 55,500
CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 55,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/29/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0010.9L STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-618560 LOCATION : 10.9 km N of Klon Hwy Int
UTM NORTHING : 7102390
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 10.9 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Flat
AREA DRAINAGE : Well Drained in Pit
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-well graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.7-UN-UN - THICKNESS (m): 0.3-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to Highway
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GM/GW-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 59-65 SAND (%): 23-26 FINES (%): 9-18
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 15,000
TOTAL RECOVERABLE : 35,000 CLASS 3: 20,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 35,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/29/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0011.4B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-618480 LOCATION : 11.4 km N of Klon Hwy Int
UTM NORTHING : 7102900
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 11.4 OFFSET(m) : B

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 2.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.4
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Flat
AREA DRAINAGE : Good in Pit, Poor Outside
SOURCE VEGETATION : Dwarf Black Spruce
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.1-UN-UN - THICKNESS (m): 0.9-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost and Close Proximity to Highway
DEVELOP. POTENTIAL : Poor to Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 70 SAND (%): 27 FINES (%): 3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 32,000
TOTAL RECOVERABLE : 52,500 CLASS 3: 20,500
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 52,500

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/29/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0012.5R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-619010 LOCATION : 12.5 km N of Klon Hwy Int
UTM NORTHING : 7103850
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 12.5 OFFSET(m) : R

SOURCE ACCESS : Along Old Highway Alignment
ACCESS DISTANCE (m): 200 CONDITION : Fair
AREA (ha) : 1.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Good to Fair - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Expl./Delin. c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.3-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Gentle to the South
AREA DRAINAGE : Well Drained
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None at Pit
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.0-1.9-3.2 - THICKNESS (m): 0.0-UN-1.5
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Large Boulders
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 67-UN-78 SAND (%): 20-UN-26 FINES (%): 2-UN-7
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:4 G:64-66-68 S:28-27-30 F:4-7-11

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 15,000
TOTAL RECOVERABLE : 30,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: 5,000
TOTAL VOLUME: 30,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/30/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0014.6L STUDY NO. : n/a
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-620200 LOCATION : 14.6 km N of Klon Hwy Int
UTM NORTHING : 7106000
LOCAL NAME(S) : Old 9-10 Mile Gravel Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 14.6 OFFSET(m) : 50-L

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 50 CONDITION : Good
AREA (ha) : 4 SITE SCALE: 1:NTS DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Surfacing Gravel STOCKPILE - TYPE : Surfacing Gravel (20 mm)
PERFORMANCE RATING : Good - QUANTITY : 23,300(83)Dep89

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Field Reconnaissance LAST INVEST DATE : 1989
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): n/a
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : 4.0-UN-UN
DATA QUALITY : Poor to Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Moderate to the East
AREA DRAINAGE : Good in Pit Area
SOURCE VEGETATION : Large Spruce Around Pit
PERMAFROST FEATURES: Spruce in Fine Grained Soils
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-silty on top OVERBURDEN-TYPE : SILT-clayey
- THICKNESS (m) : 2.0-2.5-3.0 - THICKNESS (m): 0.7-1.3-2.0
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Heavy Silt Overburden
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : GM/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 21 GRAVEL (%) : 46 SAND (%): 42 FINES (%): 12
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 7,000
TOTAL RECOVERABLE : 15,000 CLASS 3: 7,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 1,000
CLASS 5: Unknown
TOTAL VOLUME: 15,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/30/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0017.7L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-621000 LOCATION : 17.7 km N of Klon Hwy Int
UTM NORTHING : 7109050
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 17.7 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 0.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 4
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.2-3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Moderate to the East
AREA DRAINAGE : Good in Pit
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None in Pit Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-silty at surface OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.2-2.2-3.1 - THICKNESS (m): 1.2-UN-UN
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Slope, Overburden Thickness
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 79 SAND (%): 18 FINES (%): 3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:1 G:69 S:27 F:4

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 10,000
TOTAL RECOVERABLE : 15,000 CLASS 3: 5,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 15,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/30/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0019.4B STUDY NO. : DHC-034
NTS MAP REFERENCE : 1168/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-621060 LOCATION : 19.4 km N of Klon Hwy Int
UTM NORTHING : 7110490
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 19.4 OFFSET(m) : B

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1.2 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.8
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): 3.7 - DEPTH (m) : 1.5
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Moderate to the East
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars-Isolated Black Spruce
PERMAFROST FEATURES: Stands of Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-silty on top OVERBURDEN-TYPE : SAND-silty, gravelly
- THICKNESS (m) : 3.3-UN-UN - THICKNESS (m): 0.0-UN-1.0
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: On Slope and Close to Highway
DEVELOP. POTENTIAL : Good-R Old Alig

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 67 SAND (%): 26 FINES (%): 7
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 20,000
TOTAL RECOVERABLE : 40,000 CLASS 3: 20,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 40,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/30/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0021.7L STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-619500 LOCATION : 21.7 km N of Klon Hwy Int
UTM NORTHING : 7112350
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 21.7 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access on Highway
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 1.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Production Drilling LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Unknown
AREA DRAINAGE : Poor
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: Isolated Stands of Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial Fan
GRANULAR - TYPE : GRAVEL-silty OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.0-UN-3.7 - THICKNESS (m): 0.5-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Unknown
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GM/GP-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 50-68 SAND (%): 21-26 FINES (%): 11-24
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 7,000
TOTAL RECOVERABLE : 37,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 37,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/30/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0022.4L STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-619320 LOCATION : 22.4 km N of Klon Hwy Int
UTM NORTHING : 7112860
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 22.4 OFFSET(m) : L

SOURCE ACCESS : No Pit Access
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 4.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.4
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.2-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Rugged SLOPE: Fairly Steep to the East
AREA DRAINAGE : Poorly Drained
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial Fan
GRANULAR - TYPE : GRAVEL-silty OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.2-3.4 - THICKNESS (m): 0.3-UN-UN
UNDERBURDEN : FRACTURED BEDROCK
DEVELOP. CONSTRAINT: Bedrock Underburden
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 44-62 SAND (%): 23-28 FINES (%): 15-29
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 144,000 CLASS 3: 100,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 44,000
CLASS 5: Unknown
TOTAL VOLUME: 144,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 11/30/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0024.3L STUDY NO. : n/a
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:5000
UTM ZONE-EASTING : 7-619175 LOCATION : Glacier Creek
UTM NORTHING : 7114000
LOCAL NAME(S) : Glacier Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 24.3 OFFSET(m) : L

SOURCE ACCESS : Short Haul Road
ACCESS DISTANCE (m): 100 CONDITION : Good
AREA (ha) : 5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Reconnaissance LAST INVEST DATE : 1989
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): n/a
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : 4.5
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Gentle to the Northeast
AREA DRAINAGE : Good in Pit Area
SOURCE VEGETATION : Black Spruce Around Pit
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.0-UN-UN - THICKNESS (m): 0.3-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 10,000
TOTAL RECOVERABLE : 15,000 CLASS 3: 5,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 15,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/04/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0026.7R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-619340 LOCATION : 2.4 km N of Glacier Creek
UTM NORTHING : 7117180
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 26.7 OFFSET(m) : 100-R

SOURCE ACCESS : Good
ACCESS DISTANCE (m): 100 CONDITION : Unknown
AREA (ha) : 20 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 2.7-3.0-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Gentle to the East
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars at pit, Black Spruce Around
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.4-2.9-3.7 - THICKNESS (m): 0.6-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 3 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 3 GRAVEL (%) : 68-UN-79 SAND (%): 19-UN-29 FINES (%): 2-UN-3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:3 G:58-59-60 S:36-37-37 F:4-5-5

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 10,000
CLASS 2: 40,000
TOTAL RECOVERABLE : 60,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 60,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/04/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0028.4R STUDY NO. : DHC-005;DHC-056
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:5000
UTM ZONE-EASTING : 7-619100 LOCATION : Benson Creek
UTM NORTHING : 7119070
LOCAL NAME(S) : Benson Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 28.4 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.8
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 8 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.5-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Irregular SLOPE: Moderate to the East
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.2-2.7-3.7 - THICKNESS (m): 0.3-UN-0.6
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possibly Ground Water at Depth
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 8 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 8 GRAVEL (%) : 75-UN-82 SAND (%): 16-UN-22 FINES (%): 2-UN-3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:7 G:62-UN-73 S:23-UN-34 F:2-UN-4

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 50,000
CLASS 2: 150,000
TOTAL RECOVERABLE : 300,000 CLASS 3: 100,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 300,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/04/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0032.4L STUDY NO. : n/a
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-619960 LOCATION : 3.8 km N of Benson Creek
UTM NORTHING : 7123510
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 32.4 OFFSET(m) : 30-L

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 30 CONDITION : Good
AREA (ha) : 4 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Surfacing Gravel STOCKPILE - TYPE : None
PERFORMANCE RATING : Good - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Reconnaissance LAST INVEST DATE : n/a
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): n/a
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Non Existent
SOURCE TOPOGRAPHY : Irregular SLOPE: Gentle to the North
AREA DRAINAGE : Good at Pit
SOURCE VEGETATION : Black Spruce Around Pit
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-some silt OVERBURDEN-TYPE : SILT
- THICKNESS (m) : Unknown - THICKNESS (m): Unknown
UNDERBURDEN : POSSIBY BEDROCK
DEVELOP. CONSTRAINT: Possible Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : Unknown CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: Unknown

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/05/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0033.2B STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-621000 LOCATION : 4.6 km N of Benson Creek
UTM NORTHING : 7124510
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 33.2 OFFSET(m) : R/L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Good
AREA (ha) : 2.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Territorial
PAST USE - SOURCE : Borrow and Crushed Gravel STOCKPILE - TYPE : 20 mm CRUSHED GRAVEL
PERFORMANCE RATING : Good - QUANTITY : 1500 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : + TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Flat at Pit Location
AREA DRAINAGE : Fair
SOURCE VEGETATION : Black Spruce Around Pit
PERMAFROST FEATURES: None in Pit Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL-some silt OVERBURDEN-TYPE : SILT-trace of clay
- THICKNESS (m) : 3.7-UN-UN - THICKNESS (m): 0.7-UN-UN
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Close to Highway
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 62 SAND (%): 24 FINES (%): 14
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 1,500
CLASS 2: 15,000
TOTAL RECOVERABLE : 25,000 CLASS 3: 8,500
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 25,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/05/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0035.6L STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-620500 LOCATION : 7.2 km N of Benson Creek
UTM NORTHING : 7125390
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 34.7 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 2.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1974
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.5
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Slope to the East
AREA DRAINAGE : Good in Pit
SOURCE VEGETATION : Black Spruce Around Pit Area
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-some silt to silty OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.7-UN-UN - THICKNESS (m): Unknown
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to Highway
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 46 SAND (%): 28 FINES (%): 26
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 74,000 CLASS 3: 44,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 74,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/05/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0039.9B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-621650 LOCATION : 11.5 km N of Benson Creek
UTM NORTHING : 7130200
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 39.3 OFFSET(m) : R/L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.5-2.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Gentle to the East
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars in Pit
PERMAFROST FEATURES: Black Spruce Surrounding Pit
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-some silt OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.7-UN-UN - THICKNESS (m): 0.7-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost and Peat
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 80 SAND (%): 16 FINES (%): 4
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:1 G:68 S:26 F:6

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 5,000
TOTAL RECOVERABLE : 20,000 CLASS 3: 15,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 20,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/06/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0040.5L STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-621700 LOCATION : 0.2 km S of Pea Soup Cr.
UTM NORTHING : 7131360
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 40.6 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 0.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 4
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.8-3.0 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Irregular SLOPE: Up to the West
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None in Pit Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-some silt OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.5-1.9-2.3 - THICKNESS (m): 0.3-0.6-0.8
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: High Percentage of Oversize & Possible Water Table
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 44 SAND (%): 26 FINES (%): 30
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 10,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 10,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/06/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0044.0L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-622150 LOCATION : Just Before Ying Yang Cr.
UTM NORTHING : 7133370
LOCAL NAME(S) : Ying Yang Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 44.0 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Good
AREA (ha) : 1.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 2.1-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Small Valley SLOPE: Gentle to the West
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars
PERMAFROST FEATURES: None
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.5-2.7-3.7 - THICKNESS (m): 0.6-UN-0.8
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: None
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 76-76-76 SAND (%): 20-UN-21 FINES (%): 3-UN-4
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 20,000
TOTAL RECOVERABLE : 20,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 20,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/06/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0047.2B STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-623430 LOCATION : Scout Car Creek Area
UTM NORTHING : 7136450
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 47.2 OFFSET(m) : R/L

SOURCE ACCESS : Unknown
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 14 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.3
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-3.3-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Creek Bed SLOPE: Fairly Flat
AREA DRAINAGE : Fair
SOURCE VEGETATION : Black Spruce on Both Side of the Highway
PERMAFROST FEATURES: Black Spruce and Organic Cover
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : Poorly Graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.1-2.7-3.3 - THICKNESS (m): 1.5
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Heavy Overburden, Possible Permafrost
DEVELOP. POTENTIAL : Poor to Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GP/GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 60-68-76 SAND (%): 17-23-32 FINES (%): 2-5-7
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 50,000
TOTAL RECOVERABLE : 100,000 CLASS 3: 50,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/06/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0049.9B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:5000
UTM ZONE-EASTING : 7-624850 LOCATION : Large Pit at Wolf Creek
UTM NORTHING : 7138450
LOCAL NAME(S) : Wolf Creek Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 49.9 OFFSET(m) : R/L

SOURCE ACCESS : North and South Entrances to Pit
ACCESS DISTANCE (m): 30 CONDITION : Good
AREA (ha) : 20 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crushed Gravel STOCKPILE - TYPE : Depleted in 1988
PERFORMANCE RATING : Good - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Del. & Backhoe Invest. LAST INVEST DATE : 1986
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.6
BOREHOLES - NUMBER : 4 TEST PITS - NO. : 8 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Flat SLOPE: Gentle to the East
AREA DRAINAGE : Poor to Good
SOURCE VEGETATION : Willows and Black Spruce
PERMAFROST FEATURES: Willows
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.4-3.1-3.7 - THICKNESS (m): 0.0-0.3-0.9
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Overburden & Possible Permafrost
DEVELOP. POTENTIAL : Excellent

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 8 MOISTURE CONTENT-NUMBER : 0
CLASS : GM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 8 GRAVEL (%) : 58-UN-84 SAND (%): 16-UN-34 FINES (%): 1-UN-12
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:5 G:61-UN-74 S:24-UN-34 F:3-UN-4

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 30,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 30,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/06/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0053.1R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-626700 LOCATION : Old MP 33
UTM NORTHING : 7140470
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 53.1 OFFSET(m) : Along Old Alignment - Old MP 33

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Undevloped STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Flat SLOPE: Flat
AREA DRAINAGE : Good
SOURCE VEGETATION : Spruce
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 3.7-UN-UN - THICKNESS (m): 700 mm
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to River-Possible Water Table Problems
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 76 SAND (%): 21 FINES (%): 3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 10,000
TOTAL RECOVERABLE : 10,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 10,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/06/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0055.5L STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-628100 LOCATION : 5.9 km N of Wolf Creek
UTM NORTHING : 7142620
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 55.5 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Good
AREA (ha) : 4.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.3
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 6 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 0.3-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: Fairly Flat
AREA DRAINAGE : In Pit Area
SOURCE VEGETATION : Black Spruce Around Pit
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : GRAVEL-poor to well graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.5-2.7-3.7 - THICKNESS (m): 0.0-0.3-0.9
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Ice Rich Permafrost, Heavy Overburden
DEVELOP. POTENTIAL : Good-Exist. Pit

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GW -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 60-UN-82 SAND (%): 15-UN-26 FINES (%): 1-UN-5
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:3 G:61-UN-69 S:27-UN-34 F:3-UN-7

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 60,000
TOTAL RECOVERABLE : 100,000 CLASS 3: 40,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/07/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0058.0B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-629500 LOCATION : Grizzly Creek Area
UTM NORTHING : 7145200
LOCAL NAME(S) : Grizzly Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 58.0 OFFSET(m) : R/L

SOURCE ACCESS : All Pits Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Fair
AREA (ha) : 150 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.1
BOREHOLES - NUMBER : 1 TEST PITS - NO. : 13 EXPOSURES - NO. : 0
- DEPTH (m) : 11.1 - DEPTH (m): 2.1-2.8-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair to Good
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat to Gentle Towards E
AREA DRAINAGE : Good to Poor
SOURCE VEGETATION : Black Spruce and Willows
PERMAFROST FEATURES: Black Spruce and Moss Throughout Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-some silt OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.1-3.4-10.1 - THICKNESS (m): 0.0-0.5-1.0
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Permafrost;Possible Water Table;Overburden
DEVELOP. POTENTIAL : Fair to Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 20 MOISTURE CONTENT-NUMBER : 5
CLASS : SM/GW-GM/GP/GM/GW-GM -RESULTS: 8-11-13
SIZE ANALYSIS-NO. : 20 GRAVEL (%) : 40-64-82 SAND (%): 16-28-46 FINES (%): 3-8-15
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:7;G52-65-75;S22-28-37:F3-7-17

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 1,000,000
TOTAL RECOVERABLE : 3,000,000 CLASS 3: 2,000,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 3,000,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/07/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0062.4L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-630640 LOCATION : Mike and Art Creek
UTM NORTHING : 7148120
LOCAL NAME(S) : Mike and Art Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 62.4 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Good
AREA (ha) : 0.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 4
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.8-2.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Flat SLOPE: 15% East of Highway
AREA DRAINAGE : Poor to Fair
SOURCE VEGETATION : Black Spruce and Willows
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 1.8-UN-2.7 - THICKNESS (m): Unknown
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 77-UN-82 SAND (%): 13-UN-18 FINES (%): 5-5-5
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 8,000
TOTAL RECOVERABLE : 13,500 CLASS 3: 5,500
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 13,500

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/11/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0066.5R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-634600 LOCATION : 4.1 km NE-Mike & Art Cr.
UTM NORTHING : 7151450
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 67.1 OFFSET(m) : R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 30 CONDITION : Unknown
AREA (ha) : 1.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.8-UN-2.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: East to River
AREA DRAINAGE : Good
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: None in Pit Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.8-2.2-2.7 - THICKNESS (m): Unknown
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Lots of Oversize
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 3 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 3 GRAVEL (%) : 78-UN-83 SAND (%): 11-UN-16 FINES (%): 3-UN-6
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 15,000
TOTAL RECOVERABLE : 30,000 CLASS 3: 15,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 30,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0066.68 STUDY NO. : DHC-008;DHC-042
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-634500 LOCATION : N Fork of Klondike River
UTM NORTHING : 7151500
LOCAL NAME(S) : North Klondike River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 66.6 OFFSET(m) : R/L

SOURCE ACCESS : Along old Alignment
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow & Crushed Gravel STOCKPILE - TYPE : None
PERFORMANCE RATING : Fair - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1977
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.6
BOREHOLES - NUMBER : 13 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 2.5-UN-18.0 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : River Valley SLOPE: Towards the River
AREA DRAINAGE : Good
SOURCE VEGETATION : Black Spruce and Shrubs
PERMAFROST FEATURES: Permafrost Evident
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed
GRANULAR - TYPE : SAND AND GRAVEL-some silt OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 1.2-6.8-18.7 - THICKNESS (m): 0.0-UN-0.9
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Permafrost & Water Table
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 26 MOISTURE CONTENT-NUMBER : 25
CLASS : SM/SM/GW-GM -RESULTS: 6-UN-65
SIZE ANALYSIS-NO. : 26 GRAVEL (%) : 4-UN-99 SAND (%): 1-UN-88 FINES (%): 7-UN-43
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 50,000
TOTAL RECOVERABLE : 100,000 CLASS 3: 50,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0071.4L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-633750 LOCATION : Just Before Tombstone Cpg
UTM NORTHING : 7155100
LOCAL NAME(S) : Tombstone Mtn. Campground
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 71.4 OFFSET(m) : L

SOURCE ACCESS : Off Highway
ACCESS DISTANCE (m): 40 CONDITION : Good
AREA (ha) : 3 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Flat SLOPE: Unknown
AREA DRAINAGE : Fair
SOURCE VEGETATION : Willows & Spruce
PERMAFROST FEATURES: None in Pit
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed
GRANULAR - TYPE : GRAVEL OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.1-2.8-3.7 - THICKNESS (m): 0.3-UN-0.9
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Sandy with High Silt Content
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP-GM/GP-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 60-UN-71 SAND (%): 23-UN-33 FINES (%): 6-UN-10
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:4 G:50-UN-67 S:27-UN-45 F:5-UN-9

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 50,000 CLASS 3: 50,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0077.3R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-632870 LOCATION : Boulder Creek
UTM NORTHING : 7160450
LOCAL NAME(S) : Boulder Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 77.7 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 6 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): 1.8 - DEPTH (m) : 5.0
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Rugged SLOPE: Steep to the East
AREA DRAINAGE : Positive Towards River
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Standing Water in Gravel Areas, Perched Water in Test Pit
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL-well graded OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 1.8-UN-UN - THICKNESS (m): 1.5-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Close to Highway, Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GW-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 63 SAND (%): 30 FINES (%): 7
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 60,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 60,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0079.2R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-632450 LOCATION : 2.3 km N of Boulder Creek
UTM NORTHING : 7161250
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 79.2 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 0.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): n/a
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : Unknown
DATA QUALITY : n/a
SOURCE TOPOGRAPHY : Rugged SLOPE: Towards the West
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Standing Water on Flat Areas
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : SAND-gravelly OVERBURDEN-TYPE : SILT
- THICKNESS (m) : Unknown - THICKNESS (m): 0.7-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : SM -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 36 SAND (%): 48 FINES (%): 16
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 5,000 CLASS 3: 5,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 5,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0081.GR STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-631980 LOCATION : 2.8 km N of Hart River Rd
UTM NORTHING : 7163370
LOCAL NAME(S) : Old YTG 82.5 Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 81.0 OFFSET(m) : R

SOURCE ACCESS : Access Road
ACCESS DISTANCE (m): 200 CONDITION : Unknown
AREA (ha) : 6.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crushed Gravel STOCKPILE - TYPE : Depleted
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.5
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 2.4-UN-3.0 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Rugged SLOPE: Unknown
AREA DRAINAGE : Fair
SOURCE VEGETATION : Grass & Willows
PERMAFROST FEATURES: Perched Water Table
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 2.1-UN-2.7 - THICKNESS (m): 0.3-UN-UN
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Possibly Permafrost, Nearing Depletion
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GW-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 58-81 SAND (%): 11-36 FINES (%): 6-8
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:2 G:44-59 S:11-36 F:5-19

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 10,000
TOTAL RECOVERABLE : 20,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 20,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0084.0R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-630000 LOCATION : Slope S - E Blackstone Rv
UTM NORTHING : 7165450
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 84.0 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Poor
AREA (ha) : 35 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 7 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.8-2.9-3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Mountainous SLOPE: Steep Towards West
AREA DRAINAGE : Positive
SOURCE VEGETATION : Grass & Shrubs
PERMAFROST FEATURES: Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Colluvial LANDFORM(S) : Slope Wash
GRANULAR - TYPE : Angular Rock with Silt OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 1.8-2.4-3.7 - THICKNESS (m): 0.0-UN-1.8
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Steep Hillside, Poor Material Quality
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 8 MOISTURE CONTENT-NUMBER : 0
CLASS : GM/GM/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 10 GRAVEL (%) : 28-59-73 SAND (%): 19-27-50 FINES (%): 8-14-23
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH: NO:1;G-54;S-29;F-17

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 100,000 CLASS 3: 50,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 50,000
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0086.0B STUDY NO. : DHC-006
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-627000 LOCATION : E Blackstone Rv.-Culvert
UTM NORTHING : 7167100
LOCAL NAME(S) : Upper Blackstone River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 86.0 OFFSET(m) : R/L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 10 SITE SCALE: 1:SeeMap DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crushed Gravel STOCKPILE - TYPE : 20 mm CRUSHED GRAVEL
PERFORMANCE RATING : Good - QUANTITY : 2000 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1977
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2.3
BOREHOLES - NUMBER : 23 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 1.5-6.3-15.0 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Irregular SLOPE: Towards River
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows and Grass
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed
GRANULAR - TYPE : SAND and/or GRAVEL OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 0.4-5.4-15.6 - THICKNESS (m): 0.0-0.8-1.8
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Permafrost, Excessive Ice
DEVELOP. POTENTIAL : Fair to Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 16 MOISTURE CONTENT-NUMBER : 7
CLASS : SM/SM/GW-GM -RESULTS: 12-UN-56
SIZE ANALYSIS-NO. : 16 GRAVEL (%) : 10-UN-67 SAND (%): 22-UN-62 FINES (%): 4-UN-50
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 100,000
TOTAL RECOVERABLE : 500,000 CLASS 3: 200,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 200,000
CLASS 5: Unknown
TOTAL VOLUME: 500,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/12/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0089.5B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-626100 LOCATION : Screw Creek
UTM NORTHING : 7168950
LOCAL NAME(S) : Screw Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 89.5 OFFSET(m) : R/L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 2 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.5-3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : River Bed SLOPE: Fairly Flat
AREA DRAINAGE : Fair
SOURCE VEGETATION : Grass and Willows
PERMAFROST FEATURES: No Trees
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Valley
GRANULAR - TYPE : GRAVEL-sandy OVERBURDEN-TYPE : ORGANIC VENEER
- THICKNESS (m) : 1.5-3.6-3.7 - THICKNESS (m): 0.1-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost, Water Table
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 62-65 SAND (%): 32-32 FINES (%): 6-3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 50,000
TOTAL RECOVERABLE : 50,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/13/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0090.2L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-626095 LOCATION : 0.7 km N of Screw Creek
UTM NORTHING : 7168540
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 90.2 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 2 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.4-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat
AREA DRAINAGE : Good
SOURCE VEGETATION : Grass and Willows
PERMAFROST FEATURES: Ice Rich Underburden
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacialfuvial LANDFORM(S) : Drumlin Field
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : Thin Veneer
- THICKNESS (m) : 1.5-2.5-3.7 - THICKNESS (m): 0.0
UNDERBURDEN : SILT(Ice Rich)
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : G in Drumlins

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 3 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GW/GW -RESULTS: n/a
SIZE ANALYSIS-NO. : 3 GRAVEL (%) : 64-UN-70 SAND (%): 27-UN-32 FINES (%): 3-UN-4
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 20,000 CLASS 3: 20,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 20,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/13/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0090.7B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-625400 LOCATION : Foxy Creek
UTM NORTHING : 7170800
LOCAL NAME(S) : Foxy Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 90.7 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Fair
AREA (ha) : 5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.6
BOREHOLES - NUMBER : 5 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : 4.5-7.3-9.1 - DEPTH (m): 1.1-2.1-2.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Deposit SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Grass and Willows
PERMAFROST FEATURES: Visible Ice and Frozen Soil
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 0.2-4.7-8.5 - THICKNESS (m): 0.0-0.6-1.5
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost, Water Table
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 5 MOISTURE CONTENT-NUMBER : 3
CLASS : SW-SM/GW-GM/GP-GM/GP -RESULTS: 6-8.9
SIZE ANALYSIS-NO. : 5 GRAVEL (%) : 41-52-68 SAND (%): 30-41-50 FINES (%): 2-6-9
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : None

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 50,000
TOTAL RECOVERABLE : 125,000 CLASS 3: 50,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 25,000
CLASS 5: Unknown
TOTAL VOLUME: 125,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/13/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0094.8R STUDY NO. : n/a
NTS MAP REFERENCE : 116B/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-625000 LOCATION : 2.4 km N of Fish Lk. Culv
UTM NORTHING : 7173300
LOCAL NAME(S) : YTG km 96.4 Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 94.8 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 20 CONDITION : Good
AREA (ha) : 3.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crush Site STOCKPILE - TYPE : Depleted 20 mm CRUSH
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Reconnaissance LAST INVEST DATE : 1989
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : n/a
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Grass and Willows
PERMAFROST FEATURES: Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL AND SAND-some silt OVERBURDEN-TYPE : Unknown
- THICKNESS (m) : Unknown - THICKNESS (m): Unknown
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Water in Pit;Permafrost;Nearing Depletion
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : n/a SAND (%): n/a FINES (%): n/a
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres) CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : Unknown CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: Unknown

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/13/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0105.68 STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-625550 LOCATION : 3.5 km N of Lk @ Old MP65
UTM NORTHING : 7185000
LOCAL NAME(S) : YTG KP107.8 Crush Site
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 105.8 OFFSET(m) : R

SOURCE ACCESS : South End of Pit
ACCESS DISTANCE (m): 50 CONDITION : Good
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crush Site STOCKPILE - TYPE : 20 mm CRUSHED GRAVEL
PERFORMANCE RATING : Good - QUANTITY : 7500 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration & Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 7 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : 4.0-4.4-4.5 - DEPTH (m): 0.9-1.9-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL-sandy OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 0.0-2.9-3.9 - THICKNESS (m): 0.0-0.7-0.9
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost; Water Table
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 8 MOISTURE CONTENT-NUMBER : 6
CLASS : SP-SM/GP/GW-GM -RESULTS: 3-4-5
SIZE ANALYSIS-NO. : 8 GRAVEL (%) : 41-53-71 SAND (%): 26-42-53 FINES (%): 2-5-9
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 40,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 40,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/13/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0112.7L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-625700 LOCATION : 3km S of W Blackst.R.Brdg
UTM NORTHING : 7189300
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 112.7 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 1 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.4 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Creek Bed SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Perched Water Table
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 1.4-UN-UN - THICKNESS (m): 0.0-UN-0.3
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Shallow Water Table
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 76 SAND (%): 23 FINES (%): 1
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 15,000
TOTAL RECOVERABLE : 15,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 15,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/13/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0114.7B STUDY NO. : DHC-007;DHC-035;DHC-042;DHC-050
NTS MAP REFERENCE : 1168/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-625150 LOCATION : Lower Blackstone River
UTM NORTHING : 7192250
LOCAL NAME(S) : Lower Blackstone River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 114.7 OFFSET(m) : R/L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Good
AREA (ha) : 15 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Geotech. & Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2.0
BOREHOLES - NUMBER : 30 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : 1.8-10.2-32.0 - DEPTH (m): 3.0 - DEPTH (m) : n/a
DATA QUALITY : Fair-Excellent
SOURCE TOPOGRAPHY : River Valley SLOPE: Towards River
AREA DRAINAGE : Good to Poor
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Visible Ice During Drilling
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : OGRANICS/ICE/SILT
- THICKNESS (m) : 0.0-8.0-25.5 - THICKNESS (m): 0.0-1.9-13.
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Water Table; Permafrost; Overburden
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 30 MOISTURE CONTENT-NUMBER : 41
CLASS : SM/GP-GM/GP/GW -RESULTS: 5-21.2-13.8
SIZE ANALYSIS-NO. : 60 GRAVEL (%) : 1-41-77 SAND (%): 19-43-90 FINES (%): 2-16-57
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 100,000
TOTAL RECOVERABLE : 300,000 CLASS 3: 150,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 50,000
CLASS 5: Unknown
TOTAL VOLUME: 300,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0117.0R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-626550 LOCATION : Along E Side-Chapman Lake
UTM NORTHING : 7193500
LOCAL NAME(S) : Chapman Lake
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 117.0 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 6 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delin. Drilling/Test Pit. LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 3 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : 4.5-4.5-4.5 - DEPTH (m): 0.6-UN-2.1 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Gravel Terrace SLOPE: Moderate to the East
AREA DRAINAGE : Good in Pit
SOURCE VEGETATION : Grass and Willows
PERMAFROST FEATURES: Visible Ice in Boreholes
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : SAND AND GRAVEL OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 0.0-1.6-4.5 - THICKNESS (m): 0.0-1.5-4.5
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost; Close to Highway
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 0
CLASS : SP-SM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 28-77 SAND (%): 21-63 FINES (%): 2-9
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 60,000 CLASS 3: 60,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 60,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0122.88 STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 116B/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-628900 LOCATION : 2 km S of Old Hi 78 Airst
UTM NORTHING : 7199100
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 122.8 OFFSET(m) : R/L

SOURCE ACCESS : Existing Pit Access on Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 3.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Crush Source & Borrow STOCKPILE - TYPE : 20 mm CRUSHED BASECOURSE
PERFORMANCE RATING : Unknown - QUANTITY : 3500 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delin.c/w Backhoe & Drill LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 5
BOREHOLES - NUMBER : 8 TEST PITS - NO. : 7 EXPOSURES - NO. : 0
- DEPTH (m) : 2.4-4.1-4.5 - DEPTH (m): 1.2-2.8-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: Moderate to the S & E
AREA DRAINAGE : Poor to Fair
SOURCE VEGETATION : Willows and Grass
PERMAFROST FEATURES: Permafrost and Visible Ice in Logs
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL and/or SAND OVERBURDEN-TYPE : ORGANICS and/or SILT
- THICKNESS (m) : 0.0-2.3-3.7 - THICKNESS (m): 0.0-1.1-4.5
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost; Overburden
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 11 MOISTURE CONTENT-NUMBER : 3
CLASS : GM/GP-GM/GW-GM -RESULTS: 4-6-9
SIZE ANALYSIS-NO. : 11 GRAVEL (%) : 50-66-80 SAND (%): 17-26-41 FINES (%): 2-7-20
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 60,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 60,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0127.0R STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-629000 LOCATION : 3 km N of Airstr @ km 124
UTM NORTHING : 7201650
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 127.0 OFFSET(m) : R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 200 CONDITION : Unknown
AREA (ha) : 3 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 3 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 3.0-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat Along River Bed
AREA DRAINAGE : Poor
SOURCE VEGETATION : Poplars and Willows
PERMAFROST FEATURES: None
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 3.0-3.3-3.7 - THICKNESS (m): 0.0-UN-1.2
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Water Table
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 3 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 3 GRAVEL (%) : 76-UN-81 SAND (%): 17-UN-21 FINES (%): 2-UN-4
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 30,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 30,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0131.2R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116B/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-630000 LOCATION : 1.7 km Past Cash Cr. Pit
UTM NORTHING : 7206000
LOCAL NAME(S) : Cash Creek Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 131.2 OFFSET(m) : R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 150 CONDITION : Good
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crush Site STOCKPILE - TYPE : 20 mm CRUSH
PERFORMANCE RATING : Unknown - QUANTITY : 700 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.8
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 8 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 2.4-3.4-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Dissected SLOPE: Gentle Towards River
AREA DRAINAGE : Good
SOURCE VEGETATION : Black Spruce Surrounding Pit
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 1.8-3.1-3.7 - THICKNESS (m): Unknown
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost
DEVELOP. POTENTIAL : Excellent

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 8 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 8 GRAVEL (%) : 59-73-81 SAND (%): 16-23-34 FINES (%): 2-4-8
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 225,000
TOTAL RECOVERABLE : 225,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 225,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0136.0L STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-632200 LOCATION : 6.5 km N of Cash Creek
UTM NORTHING : 7209750
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 136.0 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access on Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 0.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Poor - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 2.4 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Irregular SLOPE: Moderate to the North
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Dwarf Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL-coarse OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 2.4-UN-UN - THICKNESS (m): 0.2-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 80 SAND (%): 17 FINES (%): 3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 5,000
TOTAL RECOVERABLE : 10,000 CLASS 3: 5,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 10,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0152.8L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116G/1 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-628800 LOCATION : 5.8 km S-Old Mi 100 Airst
UTM NORTHING : 7218100
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 152.8 OFFSET(m) : L

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 100 CONDITION : Good
AREA (ha) : 4.0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crush STOCKPILE - TYPE : Depleted
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.5-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Dissected SLOPE: Moderate to the North
AREA DRAINAGE : Good
SOURCE VEGETATION : Willows and Spruce
PERMAFROST FEATURES: Willows and Spruce, Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacialfluvial LANDFORM(S) : Outwash
GRANULAR - TYPE : GRAVEL-coarse, angular OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.5-2.0-2.7 - THICKNESS (m): 0.0-0.5-1.2
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Large Anuglar Rock, and Possible Permafrost
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 3 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 3 GRAVEL (%) : 64-74-85 SAND (%): 13-20-24 FINES (%): 2-6-12
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:3 G:54-UN-70 S:25-UN-33 F:2-UN-12

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 40,000
TOTAL RECOVERABLE : 80,000 CLASS 3: 40,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 80,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0158.6L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116G/1 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-623800 LOCATION : Across from Mi.100 Airst.
UTM NORTHING : 7221000
LOCAL NAME(S) : Old Mi. 100 Airstrip Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 160.9 OFFSET(m) : L

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 100 CONDITION : Good
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Crushed Gravel STOCKPILE - TYPE : Borrow
PERFORMANCE RATING : Unknown - QUANTITY : 20 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 7 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 2.1-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Flat SLOPE: Flat
AREA DRAINAGE : Good
SOURCE VEGETATION : No Vegetation in River Bed
PERMAFROST FEATURES: Unknown
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed
GRANULAR - TYPE : GRAVEL & SAND OVERBURDEN-TYPE : SILT
- THICKNESS (m) : 1.8-2.7-3.7 - THICKNESS (m): 0.0-UN-0.6
UNDERBURDEN : SILTS AND SHALE
DEVELOP. CONSTRAINT: Water Table
DEVELOP. POTENTIAL : Fair to Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 7 MOISTURE CONTENT-NUMBER : 0
CLASS : GP-GM/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 7 GRAVEL (%) : 64-77-83 SAND (%): 15-19-25 FINES (%): 2-4-11
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:5 G:58-UN-66 S:30-UN-35 F:4

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 0 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 0

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0168.3L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116G/1 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-623300 LOCATION : Red Creek
UTM NORTHING : 7228700
LOCAL NAME(S) : Red Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 168.3 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 4 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2
BOREHOLES - NUMBER : 8 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 4.5-5.1-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Dissected SLOPE: Flat
AREA DRAINAGE : Good
SOURCE VEGETATION : Black Spruce, Willows
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : ORGANICS-SILT
- THICKNESS (m) : 1.8-3.2-7.0 - THICKNESS (m): 0.9-1.8-2.7
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost, Frozen Overburden
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 8 MOISTURE CONTENT-NUMBER : 8
CLASS : GP/GP-GM/GW-GM -RESULTS: 5-7-8
SIZE ANALYSIS-NO. : 8 GRAVEL (%) : 46-61-76 SAND (%): 20-34-49 FINES (%): 3-5-8
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 50,000 CLASS 3: 20,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/14/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0174.6L STUDY NO. : n/a
NTS MAP REFERENCE : 116G/1 DIGITIZ NO: MAP SCALE : 1:5000
UTM ZONE-EASTING : 7-624850 LOCATION : Old Mile 110 Gravel Pit
UTM NORTHING : 7233400
LOCAL NAME(S) : Old Mile 110 Gravel Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 174.6 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 2 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Reconnaissance LAST INVEST DATE : Unkn
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): Unkn
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : 4.5
DATA QUALITY : None
SOURCE TOPOGRAPHY : Irregular SLOPE: Fairly Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Grass and Black Spruce
PERMAFROST FEATURES: Black Spruce in Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : GRAVEL OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 4.0-UN-6.0 - THICKNESS (m): 1.0-1.5-2.0
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Possible Permafrost, Overburden, Close to Highway
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : n/a SAND (%): n/a FINES (%): n/a
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)

TOTAL RECOVERABLE : 30,000
ANNUAL RECOVERABLE : Unknown

CLASS 1: Unknown
CLASS 2: 20,000
CLASS 3: 10,000
CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 30,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/15/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0189.2R STUDY NO. : DHC-056
NTS MAP REFERENCE : 116G/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-628700 LOCATION : Sulphur Creek
UTM NORTHING : 7246900
LOCAL NAME(S) : Sulphur Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 189.2 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 3 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.7
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 0.9-0.9 - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Dissected SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Poplars & Willows Along Creek
PERMAFROST FEATURES: Black Spruce in Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Gravel Fan
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 0.9-UN-UN - THICKNESS (m): 0.5-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Shallow Groundwater
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 0
CLASS : GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 55 SAND (%): 43 FINES (%): 2
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:1 G:57 S:41 F:2

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 10,000
TOTAL RECOVERABLE : 20,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 20,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/15/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0210.8L STUDY NO. : DHC-056
NTS MAP REFERENCE : 116G/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-629500 LOCATION : 15.6 km N of Ogilvie Camp
UTM NORTHING : 7262000
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 210.8 OFFSET(m) : L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 2.5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2.8
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 7 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 0.9-UN-3.7 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat
AREA DRAINAGE : Good
SOURCE VEGETATION : Poplars In Source
PERMAFROST FEATURES: Unknown
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Old River Bed
GRANULAR - TYPE : GRAVEL-poorly graded OVERBURDEN-TYPE : ORGANIC SILT
- THICKNESS (m) : 0.0-1.8-3.4 - THICKNESS (m): 0.0-0.6-1.8
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Water Table
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 5 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 5 GRAVEL (%) : 72-78-81 SAND (%): 17-20-26 FINES (%): 2-2-3
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:4 G:60-65-71 S:26-32-36 F:2-4-3

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 50,000
TOTAL RECOVERABLE : 50,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/15/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0194.6B STUDY NO. : DHC-018;DHC-056
NTS MAP REFERENCE : 116G/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-626100 LOCATION : Big Eng.Cr. Brdg.Rock Qry
UTM NORTHING : 7250600
LOCAL NAME(S) : Ogilvie Camp Area
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 194.6 OFFSET(m) : L/R

SOURCE ACCESS : Yes
ACCESS DISTANCE (m): 200 CONDITION : Good
AREA (ha) : 4 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Crushed Gravel & Shale Surfac. STOCKPILE - TYPE : 20 mm CRUSHED
PERFORMANCE RATING : Good (YTG 1986) - QUANTITY : 4800 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation c/w Backhoe LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 4 EXPOSURES - NO. : 0
- DEPTH (m) : n/a - DEPTH (m): 1.5-2.1-2.4 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Dissected SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Poplars & Willows in Pit
PERMAFROST FEATURES: None in Pit
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed
GRANULAR - TYPE : SAND over GRAVEL OVERBURDEN-TYPE : ORGANIC SILT
- THICKNESS (m) : 1.5-2.0-2.4 - THICKNESS (m): 0.0-0.1-0.3
UNDERBURDEN : SHALE BEDROCK
DEVELOP. CONSTRAINT: High Water Table
DEVELOP. POTENTIAL : Almost Depleted

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 4 MOISTURE CONTENT-NUMBER : 0
CLASS : GP/GP/GP -RESULTS: n/a
SIZE ANALYSIS-NO. : 4 GRAVEL (%) : 48-68-81 SAND (%): 18-31-48 FINES (%): 1-2-4
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No:3 G:48-59-74 S:25-38-48 F:1-3-4

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 20,000
TOTAL RECOVERABLE : 40,000 CLASS 3: 20,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 40,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/15/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0235.0B STUDY NO. : DHC-056
NTS MAP REFERENCE : 116G/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-631800 LOCATION : Line 150 Airstrip Area
UTM NORTHING : 7284500
LOCAL NAME(S) : Ogilvie River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 230.0 OFFSET(m) : L/R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 400 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow & Crushing STOCKPILE - TYPE : None
PERFORMANCE RATING : Good - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Investigation/Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.4
BOREHOLES - NUMBER : 16 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 0.9-4.3-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : River Valley SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial Gravel
GRANULAR - TYPE : GRAVEL-sandy OVERBURDEN-TYPE : ORGANICS/SILT
- THICKNESS (m) : 0.3-2.8-7.3 - THICKNESS (m): 0.0-1.5-4.2
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost, High Water Table, Overburden
DEVELOP. POTENTIAL : Fair to Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 15 MOISTURE CONTENT-NUMBER : 11
CLASS : SP-SM/GP/GW/GP-GM -RESULTS: 4-7-24
SIZE ANALYSIS-NO. : 15 GRAVEL (%) : 34-62-80 SAND (%): 14-34-42 FINES (%): 2-4-8
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH - No.2 G70-69; S26-27; F4-4

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 750,000
TOTAL RECOVERABLE : 1,000,000 CLASS 3: 250,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 1,000,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/18/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0244.OR STUDY NO. : DHC-056
NTS MAP REFERENCE : 116H/12 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-362900 LOCATION : Close to Joe Henry Cabin
UTM NORTHING : 7291200
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 244.0 OFFSET(m) : R

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 3 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Unknown STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.3
BOREHOLES - NUMBER : 1 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 4.5 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : River Bed SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Poplars Along River
PERMAFROST FEATURES: Unknown
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Alluvial
GRANULAR - TYPE : SAND & GRAVEL OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 3.9-UN-UN - THICKNESS (m): 0.6-UN-UN
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Water Table, Possible Permafrost
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 1
CLASS : SM -RESULTS: 4
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 23 SAND (%): 63 FINES (%): 14
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 30,000
TOTAL RECOVERABLE : 60,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 60,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/18/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0342.0L STUDY NO. : n/a
NTS MAP REFERENCE : 116I/2 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-411800 LOCATION : 27 km S of Eagle Plains
UTM NORTHING : 7344500
LOCAL NAME(S) : Mile 215 Conglomerate Pit
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 342.4 OFFSET(m) : L

SOURCE ACCESS : Existing Pit Access to Left
ACCESS DISTANCE (m): 200 CONDITION : Good
AREA (ha) : 5 SITE SCALE: 1:3390 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Crush Sources 1984 STOCKPILE - TYPE : None
PERFORMANCE RATING : Sharp Edges on Crush - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1977
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 3.9
BOREHOLES - NUMBER : 19 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 6-84-12 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Plateau SLOPE: Gentle
AREA DRAINAGE : Poor
SOURCE VEGETATION : 2 m Spruce and Willow
PERMAFROST FEATURES: Permafrost with Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Residuum LANDFORM(S) : Residual Deposit
GRANULAR - TYPE : SAND;GRAVEL;BEDROCK OVERBURDEN-TYPE : PEAT over ORGANIC SILT
- THICKNESS (m) : 2.6-3.6-6.7 - THICKNESS (m): 0.8-UN-2.4
UNDERBURDEN : BEDROCK-sandstone/shale
DEVELOP. CONSTRAINT: Permafrost, Overburden
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 22 MOISTURE CONTENT-NUMBER : 0
CLASS : SM/SW-SM/SW -RESULTS: n/a
SIZE ANALYSIS-NO. : 22 GRAVEL (%) : 4-20-35 SAND (%): 56-72-88 FINES (%): 4-8-14
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 150,000 CLASS 3: 150,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 150,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/18/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0377.8B STUDY NO. : DHC-017
NTS MAP REFERENCE : 116I/7 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-423850 LOCATION : Eagle Rv. Area km 377-394
UTM NORTHING : 7370200
LOCAL NAME(S) : Eagle River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 372.8 OFFSET(m) : L/R

SOURCE ACCESS : Along Highway at Bridge
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Investigation Drilling LAST INVEST DATE : 1972
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.9
BOREHOLES - NUMBER : 19 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 3.0-10.5-18.0 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Fair-Very Good
SOURCE TOPOGRAPHY : Dissected SLOPE: Mod. Towards Eagle River
AREA DRAINAGE : Poor to Fair
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Visible Ice and Permafrost in Boreholes
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : River Bed Gravels
GRANULAR - TYPE : SAND-gravelly OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 1.8-5.9-11.6 - THICKNESS (m): 0.0-1.2-2.8
UNDERBURDEN : SILT AND CLAY/SILT
DEVELOP. CONSTRAINT: Permafrost and High Water Table
DEVELOP. POTENTIAL : Fair to Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 26 MOISTURE CONTENT-NUMBER : 86
CLASS : GC/GP/SM-SW/SM/SM-SC/GM -RESULTS: 1-17-39
SIZE ANALYSIS-NO. : 82 GRAVEL (%) : 0-29-76 SAND (%): 15-48-90 FINES (%): 3-23-79
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 200,000 CLASS 3: 100,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 100,000
CLASS 5: Unknown
TOTAL VOLUME: 200,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/19/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0417.OR STUDY NO. : DHC-047
NTS MAP REFERENCE : 116I/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-441800 LOCATION : 11.7 km N-Arctic Cir. Sgn
UTM NORTHING : 7394800
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 417.3 OFFSET(m) : R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 330 CONDITION : Good
AREA (ha) : 3 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow and Shale Surfacing STOCKPILE - TYPE : Unknown
PERFORMANCE RATING : Unknown - QUANTITY : Unknown

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1976
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.3
BOREHOLES - NUMBER : 1 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 4.6 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Mountainous SLOPE: Moderate to the West
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows & Grass
PERMAFROST FEATURES: Permafrost with Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Slope Wash,Colluvial LANDFORM(S) : B.Rock Qry./Sand OVL
GRANULAR - TYPE : SAND-silty OVERBURDEN-TYPE : SILT-sandy, gravelly
- THICKNESS (m) : 2.5 - THICKNESS (m): 0.9
UNDERBURDEN : SHALE
DEVELOP. CONSTRAINT: Permafrost,Predominently Shale,Perched Water Table
DEVELOP. POTENTIAL : P-Gran.G-Shale

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 3 MOISTURE CONTENT-NUMBER : 3
CLASS : SM/SM/SM -RESULTS: 26-UN-67
SIZE ANALYSIS-NO. : 3 GRAVEL (%) : 0-UN-28 SAND (%): 37-UN-73 FINES (%): 25-UN-38
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)

TOTAL RECOVERABLE : 50,000
ANNUAL RECOVERABLE : Unknown

CLASS 1: Unknown
CLASS 2: Unknown
CLASS 3: 25,000
CLASS 4: 25,000
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/20/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0423.OR STUDY NO. : DHC-047
NTS MAP REFERENCE : 116I/9 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-440400 LOCATION : 200 m N of Vadzaih Kan Cr
UTM NORTHING : 7499300
LOCAL NAME(S) : Vadzaih Kan Creek
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 423.0 OFFSET(m) : R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 700 CONDITION : Unknown
AREA (ha) : 5 SITE SCALE: 1:23300 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow & Shale Surfacing STOCKPILE - TYPE : Unknown
PERFORMANCE RATING : Unknown - QUANTITY : Unknown

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1976
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.6
BOREHOLES - NUMBER : 3 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 4.6-6.1-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Mountainous SLOPE: Moderate Towards Highway
AREA DRAINAGE : Poor
SOURCE VEGETATION : Spruce and Poplars
PERMAFROST FEATURES: Permafrost with Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : SAND-gravelly, some silt OVERBURDEN-TYPE : PEAT
- THICKNESS (m) : 1.5-2.8-4.4 - THICKNESS (m): 0.1-0.1-0.3
UNDERBURDEN : SHALE
DEVELOP. CONSTRAINT: Permafrost, Water Table, Bedrock
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 10 MOISTURE CONTENT-NUMBER : 10
CLASS : SM/SM/GW-GM -RESULTS: 13-UN-118
SIZE ANALYSIS-NO. : 11 GRAVEL (%) : 17-29-37 SAND (%): 35-55-68 FINES (%): 8-16-32
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 10,000
TOTAL RECOVERABLE : 50,000 CLASS 3: 40,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/20/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0432.9R STUDY NO. : DHC-045;DHC-047
NTS MAP REFERENCE : 116I/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-441300 LOCATION : Rock River
UTM NORTHING : 7408700
LOCAL NAME(S) : Rock River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 432.9 OFFSET(m) : R

SOURCE ACCESS : Adjacent to Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1976
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 2.4
BOREHOLES - NUMBER : 12 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 4.6-10.6-13.7 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Dissected SLOPE: Moderate Towards River
AREA DRAINAGE : Fair
SOURCE VEGETATION : Spruce and Poplars
PERMAFROST FEATURES: Permafrost with Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : GR Bench&River Bed
GRANULAR - TYPE : GRAVEL AND SAND OVERBURDEN-TYPE : PEAT AND CLAY
- THICKNESS (m) : 1.2-5.0-8.3 - THICKNESS (m): 0.0-1.1-3.0
UNDERBURDEN : SILTSTONE AND SHALE
DEVELOP. CONSTRAINT: Permafrost and Water Table
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 52 MOISTURE CONTENT-NUMBER : 52
CLASS : SM/SM/GW -RESULTS: 4-24-107
SIZE ANALYSIS-NO. : 52 GRAVEL (%) : 20-39-77 SAND (%): 21-44-61 FINES (%): 3-17-37
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 40,000
TOTAL RECOVERABLE : 100,000 CLASS 3: 60,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/20/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0446.0B STUDY NO. : DHC-045;DHC-056
NTS MAP REFERENCE : 116I/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-440400 LOCATION : Cornwall River
UTM NORTHING : 7421800
LOCAL NAME(S) : Cornwall River
CORRIDOR NO./NAME : 05-Dempster Highway
KILOMETRE POST : 446.0 OFFSET(m) : R/L

SOURCE ACCESS : Along Highway
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 10 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha):
BOREHOLES - NUMBER : 9 TEST PITS - NO. : 6 EXPOSURES - NO. : 0
- DEPTH (m) : 4.6-9.0-13.7 - DEPTH (m): 2.1-2.5-2.7 - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Dissected SLOPE: Moderate-Steep Towards Rv
AREA DRAINAGE : Fair to Good
SOURCE VEGETATION : Spruce, Willows, Poplars
PERMAFROST FEATURES: Permafrost with Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Alluvial LANDFORM(S) : GR Bench&River Bed
GRANULAR - TYPE : GRAVEL/SAND & GRAVEL OVERBURDEN-TYPE : PEAT/SILT-CLAY
- THICKNESS (m) : 2.1-3.7-7.6 - THICKNESS (m): 0.0-0.9-2.7
UNDERBURDEN : SHALE
DEVELOP. CONSTRAINT: Permafrost, Rugged Topography
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 53 MOISTURE CONTENT-NUMBER : 51
CLASS : GP/GW-GM/SM/GW/SM-SC -RESULTS: 5-13-51
SIZE ANALYSIS-NO. : 53 GRAVEL (%) : 9-46-89 SAND (%): 10-42-78 FINES (%): 1-13-42
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : TRIAL CRUSH No:2 G:71-75 S:22-26 F:3-3

MATERIAL QUANTITY (All in cubic metres)

CLASS 1: Unknown
CLASS 2: 20,000
TOTAL RECOVERABLE : 50,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 50,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 12/21/89

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0508.8R STUDY NO. : DHC-046
NTS MAP REFERENCE : 106M/3 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-481600 LOCATION : Midway Lake
UTM NORTHING : 7456500
LOCAL NAME(S) : Midway Lake
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 508.8 OFFSET(m) : 560-R

SOURCE ACCESS : Constructed Haul Road
ACCESS DISTANCE (m): 800 CONDITION : Excellent
AREA (ha) : 10 SITE SCALE: 1:2000 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Developed
PAST USE - SOURCE : Borrow & Crushed Gravel STOCKPILE - TYPE : 20 mm CRUSH
PERFORMANCE RATING : Good - QUANTITY : 25000 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1978
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.1
BOREHOLES - NUMBER : 26 TEST PITS - NO. : 2 EXPOSURES - NO. : 0
- DEPTH (m) : 1.2-6.6-18.3 - DEPTH (m): 3.7-6.7 - DEPTH (m) : n/a
DATA QUALITY : Good
SOURCE TOPOGRAPHY : Undulating SLOPE: Moderate to North
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows
PERMAFROST FEATURES: Visible Ice, Vs, Vr, Vx
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Terrace
GRANULAR - TYPE : GRAVEL AND SAND-some silt OVERBURDEN-TYPE : PEAT, ORGANIC SILT, CLAY, ICE
- THICKNESS (m) : 0.0-4.6-15.6 - THICKNESS (m): 0.0-1.5-4.0
UNDERBURDEN : CLAY
DEVELOP. CONSTRAINT: Permafrost, Water Table
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 81 MOISTURE CONTENT-NUMBER : 84
CLASS : SC/SC-SM/GW -RESULTS: 5-12-31
SIZE ANALYSIS-NO. : 84 GRAVEL (%) : 0-28-76 SAND (%): 22-55-79 FINES (%): 1-17-42
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 500,000 CLASS 3: 500,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 500,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/02/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0565.6R STUDY NO. : DHC-010;DHC-011
NTS MAP REFERENCE : 106M/7 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-517200 LOCATION : 16 km E of Ft. McPherson
UTM NORTHING : 7482500
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 565.0 OFFSET(m) : R

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : None STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): n/a
BOREHOLES - NUMBER : 2 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 6.1-6.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Fairly Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacial LANDFORM(S) : Esker
GRANULAR - TYPE : GRAVEL-sandy OVERBURDEN-TYPE : ORGANICS over SILT
- THICKNESS (m) : 3.4-4.0 - THICKNESS (m): 1.2-1.5
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 15,000 CLASS 3: 15,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 15,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/02/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0567.7B STUDY NO. : DHC-026
NTS MAP REFERENCE : 106M/7 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-519900 LOCATION : 17.7 km E of Ft.McPherson
UTM NORTHING : 7482000
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 567.7 OFFSET(m) : R/L

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 20 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : None STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.3
BOREHOLES - NUMBER : 27 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 1.2-UN-7.9 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Unknown
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Visible Ice Veins
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacial LANDFORM(S) : Unknown
GRANULAR - TYPE : SAND AND GRAVEL-silty OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 0.7-2.8-4.9 - THICKNESS (m): 0.3-0.8-1.2
UNDERBURDEN : SILT AND CLAY
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Poor to Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 51 MOISTURE CONTENT-NUMBER : 51
CLASS : SMorSC/SMorSC/GM -RESULTS: 6-12-24
SIZE ANALYSIS-NO. : 51 GRAVEL (%) : 1-31-52 SAND (%): 31-43-58 FINES (%): 12-26-46
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : Atterberg Limits:18

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 200,000 CLASS 3: 200,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 200,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/02/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0583.2B STUDY NO. : DHC-026
NTS MAP REFERENCE : 106M/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-532200 LOCATION : 33-37 km E of Ft. McPher.
UTM NORTHING : 7475850
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 583.2 OFFSET(m) : R/L

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 25 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : None STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1973
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.1
BOREHOLES - NUMBER : 40 TEST PITS - NO. : 1 EXPOSURES - NO. : 1
- DEPTH (m) : 0.9-5.1-11.0 - DEPTH (m): 0.6 - DEPTH (m) : 1.0
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Irregular
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glac.Fluvial/Glacial LANDFORM(S) : Kames, Eskers, etc.
GRANULAR - TYPE : SAND-gravelly, silty OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 0.6-4.9-11.0 - THICKNESS (m): 0.0-0.5-1.5
UNDERBURDEN : ICE;SILT
DEVELOP. CONSTRAINT: Permafrost, Restoration Problems
DEVELOP. POTENTIAL : Poor to Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 67 MOISTURE CONTENT-NUMBER : 79
CLASS : SC/SC-SM/SM/SW/GM/GP-GM/GW-GM -RESULTS: 2-12-22
SIZE ANALYSIS-NO. : 75 GRAVEL (%) : 3-24-55 SAND (%): 31-58-85 FINES (%): 6-21-44
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 500,000 CLASS 3: 500,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 500,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/03/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0591.0R STUDY NO. : DHC-029
NTS MAP REFERENCE : 106M/8 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-539700 LOCATION : Frog Creek Gravel Pit
UTM NORTHING : 7471900
LOCAL NAME(S) : Frog Creek
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 591.0 OFFSET(m) : 2000-R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 2300 CONDITION : Very Good
AREA (ha) : 100 SITE SCALE: 1:36000 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Developed
PAST USE - SOURCE : Borrow & Crushed Gravel STOCKPILE - TYPE : 20 mm CRUSHED GRAVEL
PERFORMANCE RATING : Good - QUANTITY : 30,000 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1973
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.05
BOREHOLES - NUMBER : 5 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 2.4-7.0-12.2 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce, Some Low Alders
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Glac.Fluvial Outw P
GRANULAR - TYPE : GRAVEL and/or SAND OVERBURDEN-TYPE : PEAT
- THICKNESS (m) : 2.3-6.1-10.4 - THICKNESS (m): 0.0-0.6-1.8
UNDERBURDEN : SILT

DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 6 MOISTURE CONTENT-NUMBER : 24
CLASS : SM/SW-GW/GW -RESULTS: 3-10-25
SIZE ANALYSIS-NO. : 11 GRAVEL (%) : 19-36-60 SAND (%): 30-50-70 FINES (%): 4-14-42
- OVERSIZE (%) : 0 D-50 (um) : 150-2900-6500

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 2 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: 2,000,000
CLASS 2: Unknown
TOTAL RECOVERABLE : 2,000,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 2,000,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/03/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0599.0L STUDY NO. : DHC-026
NTS MAP REFERENCE : 106N/5 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-545100 LOCATION : 10 km W-Arctic Red River
UTM NORTHING : 7478450
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 599.0 OFFSET(m) : 150-L

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 1.0 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : Undeveloped STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 5
BOREHOLES - NUMBER : 5 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 3.0-4.9-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Very Gentle
AREA DRAINAGE : Poor
SOURCE VEGETATION : Unknown
PERMAFROST FEATURES: Ice Veins
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Kame
GRANULAR - TYPE : SAND-gravelly OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 1.2-2.7-5.9 - THICKNESS (m): 0.0-0.2-0.6
UNDERBURDEN : ICE
DEVELOP. CONSTRAINT: Permafrost, Restoration Problems
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 7
CLASS : n/a -RESULTS: 9-14-22
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 100,000 CLASS 3: 40,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 60,000
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0609.0L STUDY NO. : DHC-009
NTS MAP REFERENCE : 106N/5 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-552600 LOCATION : W Side of Arctic Red Rv.
UTM NORTHING : 7480600
LOCAL NAME(S) : Arctic Red River
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 609.0 OFFSET(m) : 100-L

SOURCE ACCESS : Yes
ACCESS DISTANCE (m): 60 CONDITION : Good
AREA (ha) : 8 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Poor to Fair - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.9
BOREHOLES - NUMBER : 7 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 2.4-6.0-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Dissected SLOPE: Towards River
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce, Alders
PERMAFROST FEATURES: Ice Encountered
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Fluvial LANDFORM(S) : Gravel Terrace
GRANULAR - TYPE : GRAVEL-silty OVERBURDEN-TYPE : ORGANIC-CLAY
- THICKNESS (m) : 0.8-1.7-3.1 - THICKNESS (m): 0.2-0.6-1.5
UNDERBURDEN : SHALE
DEVELOP. CONSTRAINT: Permafrost, Nearing Depletion
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 6
CLASS : n/a -RESULTS: 7-11-15
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 100,000 CLASS 3: 100,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 100,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0611.3R STUDY NO. : DHC-009
NTS MAP REFERENCE : 106N/5 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-552900 LOCATION : N Side of Arctic Red Rv.
UTM NORTHING : 7485350
LOCAL NAME(S) : Arctic Red River
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 611.3 OFFSET(m) : 335-R

SOURCE ACCESS : Pit Entrance
ACCESS DISTANCE (m): 335 CONDITION : Good
AREA (ha) : 5 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow & Crush Site STOCKPILE - TYPE : 20 mm CRUSHED GRAVEL
PERFORMANCE RATING : Fair - QUANTITY : 4500 m3

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1972
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.2
BOREHOLES - NUMBER : 1 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 6.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Dissected SLOPE: Unknown
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce & Poplars
PERMAFROST FEATURES: Visual Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Fluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : SAND over GRAVEL OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 2.1 - THICKNESS (m): 0.3
UNDERBURDEN : SHALE
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 2
CLASS : n/a -RESULTS: 6-9
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)

TOTAL RECOVERABLE : 11,000
ANNUAL RECOVERABLE : Unknown

CLASS 1: Unknown
CLASS 2: Unknown
CLASS 3: 11,000
CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 11,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0670.0L STUDY NO. : DHC-009
NTS MAP REFERENCE : 106N/14 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-563500 LOCATION : 60 km N of Arctic Red Rv.
UTM NORTHING : 7538500
LOCAL NAME(S) : None
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 670.0 OFFSET(m) : 420-L

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 6 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : None STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Delineation Drilling LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.5
BOREHOLES - NUMBER : 9 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 3.0-1.5-7.9 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Fairly Flat
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Ice Veins
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacial LANDFORM(S) : Unknown
GRANULAR - TYPE : SAND and/or GRAVEL OVERBURDEN-TYPE : MOSS
- THICKNESS (m) : 2.4-3.4-4.3 - THICKNESS (m): 0.0-0.1-0.2
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Permafrost, Restoration Problems
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 4
CLASS : n/a -RESULTS: 7-11-14
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : 0 SAND (%): 0 FINES (%): 0
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 242,600 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: 242,600
CLASS 5: Unknown
TOTAL VOLUME: 242,600

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/03/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0672.0B STUDY NO. : DHC-090;DHC-010
NTS MAP REFERENCE : 106N/14 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-564200 LOCATION : 70 km N-Arctic Red River
UTM NORTHING : 7540800
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 672.0 OFFSET(m) : R/L

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 20 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : Undeveloped STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.5
BOREHOLES - NUMBER : 29 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 3-4.3-6.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Towards Creek
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Visible Ice
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Fluvial/Glac.Fluvial LANDFORM(S) : Creek Bed
GRANULAR - TYPE : SAND-gravelly OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 0.7-2.3-5.2 - THICKNESS (m): 0.0-0.1-0.2
UNDERBURDEN : SILT-sandy
DEVELOP. CONSTRAINT: Permafrost, Restoration Problems
DEVELOP. POTENTIAL : Poor

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 28
CLASS : CL/SC -RESULTS: 5-15-32
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 4-12 SAND (%): 28-50 FINES (%): 38-68
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 273,400 CLASS 3: 39,600
ANNUAL RECOVERABLE : Unknown CLASS 4: 233,800
CLASS 5: Unknown
TOTAL VOLUME: 273,400

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/03/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0680.0L STUDY NO. : DHC-011
NTS MAP REFERENCE : 107B/2W DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-562650 LOCATION : 69.5 km N-Arctic Red Rv.
UTM NORTHING : 7548350
LOCAL NAME(S) : Unkno
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 680.0 OFFSET(m) : 700-B

SOURCE ACCESS : Haul Road on Right Side
ACCESS DISTANCE (m): 500 CONDITION : Unknown
AREA (ha) : 1.0 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Unknown
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.5
BOREHOLES - NUMBER : 5 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 3.0-4.6-6.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Undulating SLOPE: Unknown
AREA DRAINAGE : Poor
SOURCE VEGETATION : Willows & Poplars some Black Spruce
PERMAFROST FEATURES: Black Spruce, Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacial LANDFORM(S) : Unknown
GRANULAR - TYPE : SAND-silty, some gravel OVERBURDEN-TYPE : ORGANICS-SILT
- THICKNESS (m) : 1.1-2.8-5.1 - THICKNESS (m): 0.2-0.2-0.2
UNDERBURDEN : SILT
DEVELOP. CONSTRAINT: Permafrost, Very Silty
DEVELOP. POTENTIAL : Poor to Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 2 MOISTURE CONTENT-NUMBER : 6
CLASS : SM/SM-SC/SM-SC -RESULTS: 9-13-17
SIZE ANALYSIS-NO. : 2 GRAVEL (%) : 7-11-15 SAND (%): 53-56-58 FINES (%): 27-34-40
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 108,000 CLASS 3: Unknown
ANNUAL RECOVERABLE : Unknown CLASS 4: 108,000
CLASS 5: Unknown
TOTAL VOLUME: 108,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/03/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0690.OR STUDY NO. : DHC-011
NTS MAP REFERENCE : 107B/2E DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-563000 LOCATION : Caribou Creek
UTM NORTHING : 7553300
LOCAL NAME(S) : Caribou Creek
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 690.0 OFFSET(m) : R

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : Unknown
AREA (ha) : 100 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : Undeveloped STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0.1
BOREHOLES - NUMBER : 9 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 2.7-5.2-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor to Fair
SOURCE TOPOGRAPHY : Undulating SLOPE: Gentle to Creek
AREA DRAINAGE : Poor
SOURCE VEGETATION : Spruce, Poplars, Alders
PERMAFROST FEATURES: Black Spruce in Area
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Cr. Bed-Gravel Bench
GRANULAR - TYPE : SAND-silty, some gravel OVERBURDEN-TYPE : SILT AND ORGANICS
- THICKNESS (m) : 0.6-3.2-6.5 - THICKNESS (m): 0.2-0.8-2.7
UNDERBURDEN : SILT-sandy
DEVELOP. CONSTRAINT: Permafrost, Restoration Problems
DEVELOP. POTENTIAL : Poor to Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 5 MOISTURE CONTENT-NUMBER : 13
CLASS : SC/GP-GM -RESULTS: 7-12-24
SIZE ANALYSIS-NO. : 5 GRAVEL (%) : 4-17-40 SAND (%): 34-53-69 FINES (%): 29-39-50
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 222,000 CLASS 3: 83,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 139,000
CLASS 5: Unknown
TOTAL VOLUME: 222,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/03/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0706.0B STUDY NO. : DHC-011
NTS MAP REFERENCE : 107B/2E DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-566600 LOCATION : 16 km N of Caribou Creek
UTM NORTHING : 7567200
LOCAL NAME(S) : Unknown
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 706.0 OFFSET(m) : R/L

SOURCE ACCESS : Pit Entrance at km 699 and 706
ACCESS DISTANCE (m): 100 CONDITION : Good
AREA (ha) : 20 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : 2 Pits Developed
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1.7
BOREHOLES - NUMBER : 34 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 2.4-4.6-9.1 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Gently Rolling SLOPE: Gentle to the West
AREA DRAINAGE : Poor
SOURCE VEGETATION : Poplars, Spruce, Grass
PERMAFROST FEATURES: Perched Water in Existing Pits
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : SAND-gravelly OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 1.0-2.7-8.6 - THICKNESS (m): 0.2-0.2-0.6
UNDERBURDEN : ICE,SILT AND SILTY SAND

DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 47 MOISTURE CONTENT-NUMBER : 59
CLASS : SC/SM/GM-GP/GW-GM -RESULTS: 5-14-34
SIZE ANALYSIS-NO. : 56 GRAVEL (%) : 2-20-53 SAND (%): 34-54-76 FINES (%): 7-26-58
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: 15,000
TOTAL RECOVERABLE : 712,000 CLASS 3: 52,500
ANNUAL RECOVERABLE : Unknown CLASS 4: 172,000
CLASS 5: Unknown
TOTAL VOLUME: 712,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0712.4B STUDY NO. : DHC-011
NTS MAP REFERENCE : 107B/7 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-571200 LOCATION : SW of Cabin Creek
UTM NORTHING : 7572000
LOCAL NAME(S) : Cabin Creek Area
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 712.4 OFFSET(m) : R/L

SOURCE ACCESS : Pit Entrance at 711.5 on Right Side
ACCESS DISTANCE (m): 200 CONDITION : Good
AREA (ha) : 0 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Territorial STATUS : Some Devel. in Area
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration/Delineation LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 1
BOREHOLES - NUMBER : 19 TEST PITS - NO. : 1 EXPOSURES - NO. : 0
- DEPTH (m) : 1.5-4.3-9.1 - DEPTH (m): 1.2 - DEPTH (m) : n/a
DATA QUALITY : Fair
SOURCE TOPOGRAPHY : Hummocky SLOPE: Gentle to the West
AREA DRAINAGE : Poor to Good
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Perched Water in Pit, Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glacial/Glac.fluvial LANDFORM(S) : Kames
GRANULAR - TYPE : SAND-silty, some gravel OVERBURDEN-TYPE : ORGANICS AND SILT
- THICKNESS (m) : 1.0-2.3-5.9 - THICKNESS (m): 0.0-0.5-3.0
UNDERBURDEN : SILT, CLAY
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Fair to Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 19 MOISTURE CONTENT-NUMBER : 35
CLASS : SC/SM/SW-SM/SP/SW -RESULTS: 3-14-25
SIZE ANALYSIS-NO. : 21 GRAVEL (%) : 1-17-34 SAND (%): 33-63-69 FINES (%): 2-36-53
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 517,600 CLASS 3: 156,000
ANNUAL RECOVERABLE : Unknown CLASS 4: 361,600
CLASS 5: Unknown
TOTAL VOLUME: 517,600

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0715.4L STUDY NO. : DHC-011
NTS MAP REFERENCE : 107B/7 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-572700 LOCATION : Campbell Creek
UTM NORTHING : 7576750
LOCAL NAME(S) : Campbell Creek
CORRIDOR NO./NAME : 08-Dempster Highway
KILOMETRE POST : 715.4 OFFSET(m) : 1000-L

SOURCE ACCESS : None
ACCESS DISTANCE (m): 0 CONDITION : n/a
AREA (ha) : 0 SITE SCALE: 1:12200 DIGITIZ NO:

LAND TENURE : Territorial STATUS : Undeveloped
PAST USE - SOURCE : Undeveloped STOCKPILE - TYPE : None
PERFORMANCE RATING : n/a - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Exploration Drilling LAST INVEST DATE : 1971
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0
BOREHOLES - NUMBER : 1 TEST PITS - NO. : 0 EXPOSURES - NO. : 0
- DEPTH (m) : 1.4 - DEPTH (m): n/a - DEPTH (m) : n/a
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Undulating SLOPE: Gentle to the West
AREA DRAINAGE : Fair to Poor
SOURCE VEGETATION : Black Spruce, Moss
PERMAFROST FEATURES: Black Spruce
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Unknown
GRANULAR - TYPE : GRAVEL-sandy OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 1.2 - THICKNESS (m): 0.2
UNDERBURDEN : Unknown
DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Fair

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 1 MOISTURE CONTENT-NUMBER : 1
CLASS : GW-GM -RESULTS: 6
SIZE ANALYSIS-NO. : 1 GRAVEL (%) : 60 SAND (%): 32 FINES (%): 8
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 10,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 10,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

DEMPSTER HIGHWAY CORRIDOR (YT/NWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

========== PART A: LOCATION AND STATUS ==========

SOURCE NUMBER : 0735.0R STUDY NO. : n/a
NTS MAP REFERENCE : 107B/7 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-552750 LOCATION : Inuvik Dump
UTM NORTHING : 7583500
LOCAL NAME(S) : Inuvik Dump
CORRIDOR NO./NAME : 08-Dempster
KILOMETRE POST : 735.0 OFFSET(m) : R

SOURCE ACCESS : Haul Road
ACCESS DISTANCE (m): 400 CONDITION : Good
AREA (ha) : 5 SITE SCALE: 1:n/a DIGITIZ NO:

LAND TENURE : Unknown STATUS : Developed
PAST USE - SOURCE : Borrow STOCKPILE - TYPE : None
PERFORMANCE RATING : Unknown - QUANTITY : n/a

========== PART B: SOURCE INVESTIGATION AND DESCRIPTIVE INFORMATION ==========

INVESTIGATION LEVEL: Reconnaisance LAST INVEST DATE : 1989
GEOPHYSICAL DATA : None TEST HOLE DENSITY (#/ha): 0
BOREHOLES - NUMBER : 0 TEST PITS - NO. : 0 EXPOSURES - NO. : 1
- DEPTH (m) : n/a - DEPTH (m): n/a - DEPTH (m) : 6.0
DATA QUALITY : Poor
SOURCE TOPOGRAPHY : Hummocky SLOPE: Moderate to West
AREA DRAINAGE : Poor
SOURCE VEGETATION : Black Spruce
PERMAFROST FEATURES: Perched Water
ACTIVE LAYER (m) : Unknown DESCRIPT. DATA : 07/15/89
GENERIC ORIGIN : Glaciofluvial LANDFORM(S) : Gravel Bench
GRANULAR - TYPE : SAND & GRAVEL-silty OVERBURDEN-TYPE : ORGANICS
- THICKNESS (m) : 4.0 - THICKNESS (m): 0.6-2.0
UNDERBURDEN : SILT

DEVELOP. CONSTRAINT: Permafrost
DEVELOP. POTENTIAL : Good

========== PART C: TEST RESULTS AND MATERIAL QUANTITY ==========

USC - NUMBER : 0 MOISTURE CONTENT-NUMBER : 0
CLASS : n/a -RESULTS: n/a
SIZE ANALYSIS-NO. : 0 GRAVEL (%) : n/a SAND (%): n/a FINES (%): n/a
- OVERSIZE (%) : 0 D-50 (um) : 0

PETROGRAPHIC ANALYSIS-NO. OF TESTS: 0 RESULTS: n/a

OTHER TESTS (see the DATA DICTIONARY) : n/a

MATERIAL QUANTITY (All in cubic metres)
CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 30,000 CLASS 3: 30,000
ANNUAL RECOVERABLE : Unknown CLASS 4: Unknown
CLASS 5: Unknown
TOTAL VOLUME: 30,000

RECORD UPDATED BY : EBA Engineering Consultants Ltd.
LAST UPDATE : 01/04/90

EBA PROJECT NUMBER : 0201-4989

APPENDIX F

APPENDIX F

YTG HIGHWAYS km POST LOCATIONS

GOVERNMENT OF THE YUKON TERRITORY
Department of Community & Transportation Services

Dawson, Yukon Territory
03 November 1988

KLONDIKE, DEMPSTER HIGHWAY - Highway Location Data - Highway #5

Kilometer Location	Name/or Description
0.0	Junction of Dempster Highway (Start Klondike)
6.3	North Fork Road Junction (North Fork Ditch Road)
9.3	6 Mile Creek
14.5	Old 9 - 10 Mile Gravel Pit
20.0	Revision (Old 14 Mile)
23.1	Gravel Pit
24.3	Glacier Creek
28.6	Benson Creek
30.3	Hill (Old 19 Mile)
32.2	Gravel Pit
32.5	Glacier
33.9	Glacier (Old 21 Mile)
34.1	Glacier (Old 21.5 Mile)
38.4	Glacier (Old 24 Mile)
40.7	Pea Soup Creek
44.1	Ying Yang Creek
47.2	Scout Car Creek
50.4	Wolf Creek
58.0	Grizzly Creek
60.1	Moose Lake
62.4	Mike & Art Creek
65.1	YTG Maintenance Garage (Klondike Camp)
66.6	North Fork of Klondike River (multi-plate culvert)
71.4	Campground
74.0	Peter's Point
76.8	Boulder Creek multiplate culvert
78.2	Hart River Road

KLONDIKE, DEMPSTER HIGHWAY - Highway Location Data - Highway #5

Kilometer Location	Name/or Description
80.4	Summit
85.9	East Blackstone River (Multi-plate Culvert)
90.7	Foxy Creek
92.4	Culvert (Fish Lake)
97.5	Big Glacier
100.0	Vegetation Farm
102.1	Lake (Old 65 Mile) & Snow Drift Study Area
105.6	Gravel Pit
107.8	Culvert (Old 68 Mile)
114.7	West Blackstone Bridge
115.2	Point of Interest
116.0	Chapman Lake
120.7	Doug Low Game Outfitter's Camp
124.0	Airstrip (Old 78 Mile)
129.5	Cash Creek
130.9	Gravel Pit
139.2	End Klondike/Start Ogilvie

GOVERNMENT OF THE YUKON TERRITORY
Department of Community & Transportation Services

Dawson, Yukon Territory
03 November 1988

OGILVIE - DEMPSTER HIGHWAY - Highway Location Data

Kilometer Location	Name/or Description
139.2	End Klondike/Start Ogilvie
142.6	Beaver Dam
146.0	Windy Pass - Bottom of Hill South
152.8	Windy Pass - Top of Hill
156.0	Windy Pass - Bottom of Hill North
158.6	Airstrip (Old 100 Mile)
160.6	Engineer Creek Multiplates
168.3	Red Creek Multiplate
169.0	Sulphur Springs
174.6	Gravel Pit (Old Mile 110)
177.0	Canyon
179.9	Rusty Creek
184.5	Sheep Lick
189.2	Sulphur Creek
193.4	Campground
194.6	Big (Engineer) Creek Bridge & Rock Quarry
195.2	YTG Maintenance Garage (Ogilvie Camp) & Jeckyll Bridge
198.8	South End of Canyon
200.7	Creek - North end of bluff
207.8	Crush pit
211.0	Rock Bluff - riprap pit (Old Mile 133)
212.1	Water Hole (Warm Spring)
213.4	Snow slide
214.1	Keyhole Rock and Snow Slide Area
219.3	Rock Bluff (small waterfall)
221.2	Elephant Rock
221.4	Davies Creek

OGILVIE - DEMPSTER HIGHWAY - Highway Location Data

Kilometer Location	Name/or Description
224.0	Snow Slide Area & Cave
235.4	Oil Exploration Road
236.8	Airstrip (Old Mile 150)
238.2	One-Way Traffic River cuts here
242.0	Cut above River
243.0	End of Cut
243.9	Joe Henry's Cabin
245.3	Randolph's Cabin & Bottom of Hill (Leave Ogilvie River)
253.0	Crush Site (Top of Hill Old Mile 160)
255.6	Snow blower shelter
258.8	View point & Weather center
260.0	Airstrip (Old Mile 164)
261.0	Drift area
263.7	Drift area
264.6	Gravel Pit
265.9	Drift Area
266.6	Cut/Snow Drift Study Area
269.4	Large Tanks
272.6	View Point
278.5	Start Drift Area (Barrels)
281.0	End Drift Area
284.1	Crush Site (old Mile 178)
286.0	Old 179 Mile YTG Camp Site (no longer used - dismantled). End Ogilvie/Start Eagle

GOVERNMENT OF THE YUKON TERRITORY
Department of Community & Transportation Services

Dawson, Yukon Territory
03 November 1988

EAGLE - DEMPSTER HIGHWAY - Highway Location Data

Kilometer Location	Name/or Description
286.0	Old 179 Mile YTG Camp Site (no longer used - dismantled).
	End Ogilvie/Start Eagle
303.6	Gravel Pit
305.5	Pit
306.0	Large YTG Tanks (Old Mile 191)
313.1	Crush Pit
321.7	Pullout
325.0	Airstrip (Old Mile 204)
327.6	Turnoff to Parkin Airstrip
333.5	Pit
343.2	Washed Gravel Pit (Below road)
347.1	Crush Pit
348.0	Top of Fly Camp Hill (South Side)
350.4	Fly Camp Creek
352.0	Top of Fly Camp Hill (North Side)
363.7	Crush Pit (Experimental Surfacing)
	Eagle Camp Garbage Dump
367.6	Tuttle Access
369.2	Eagle River Lodge & YTG Maintenance Garage (Eagle Camp)
372.6	Pullout & Shale Pit
376.8	View Point
377.5	Picnic Spot
377.8	Eagle River (Bridge)
386.3	Pit
389.5	Airstrip (Old Mile 244)
390.5	Drift Area
393.5	Rock Cut (Drift Area)
395.5	Large Cut

EAGLE - DEMPSTER HIGHWAY - Highway Location Data

Kilometer Location	Name/or Description
397.5	Cut (Drift Area) - Clay/Crush Pit & Waterhole
402.9	Storage Area (Abandoned Pit)
405.6	Arctic Circle (Rest stop)
407.3	Clay Pit & Waterhole
411.0	First Creek past Arctic Circle
412.3	Pit
413.4	Second Creek past Arctic Circle
414.0	Equipment Warning Sign
414.8	Third Creek past Arctic Circle (Glacier Creek) & Waterhole
416.5	Fourth Creek past Arctic Circle
417.3	Pit
422.2	Fifth Creek past Arctic Circle
423.0	Pit
426.2	Waterhole
427.3	Pit
432.9	Rock River
433.6	Pullout
436.1	Pit
440.9	Pit
442.9	Shallow Cut (Drifting problem area)
445.0	South Cornwall River
445.4	YTG Maintenance Garage (Moved from Old Mile 179 Camp)
445.8	Campground
446.5	North Cornwall River, Waterhole and Pullout
450.0	Pit & Waterhole
454.1	First Cut
455.6	Second Cut
456.8	Third Cut
460.0	Abandoned Pit
462.1	Fourth Cut
463.4	Picnic Table

EAGLE - DEMPSTER HIGHWAY - Highway Location Data

Kilometer Location	Name/or Description
464.2	Al Wright Memorial
465.0	Border (YT/NWT) - End of Eagle Section

APPENDIX G

APPENDIX G

LOCATION DATA SUMMARY

Location Data Summary
Granular Resource Inventory
Dempster Highway Corridor, YT/NWT

BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
0011B001	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B002	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B003	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B004	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B005	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B006	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B007	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B008	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011B009	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T001	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T002	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T003	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T004	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T005	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T006	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T007	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T008	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0011T009	DHC-060	0001.1L	SOURCE: km 1.1 YUKON, 1200m L OF HIGHWAY
0013T001	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, RIGHT OF HIGHWAY
0013T002	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, RIGHT OF HIGHWAY
0013T003	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T004	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T005	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T006	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T007	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T008	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T009	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T010	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T011	DHC-056	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0013T01A	DHC-034	0001.3B	SOURCE: km 1.3 YUKON, LEFT OF HIGHWAY
0033T001	DHC-034	0003.3R	SOURCE: km 3.3 YUKON, RIGHT OF HIGHWAY
0033T012	DHC-056	0003.3R	SOURCE: km 3.3 YUKON, RIGHT OF HIGHWAY
0033T013	DHC-056	0003.3R	SOURCE: km 3.3 YUKON, RIGHT OF HIGHWAY
0033T014	DHC-056	0003.3R	SOURCE: km 3.3 YUKON, RIGHT OF HIGHWAY
0051T015	DHC-056	0005.1R	SOURCE: km 5.1 YUKON, 60m R OF HIGHWAY
0051T016	DHC-056	0005.1R	SOURCE: km 5.1 YUKON, RIGHT OF HIGHWAY
0066T001	DHC-034	0006.6L	SOURCE: km 6.6 YUKON, LEFT OF HIGHWAY
0066T002	DHC-034	0006.6L	SOURCE: km 6.6 YUKON, LEFT OF HIGHWAY
0066T017	DHC-056	0006.6L	SOURCE: km 6.6 YUKON, LEFT OF HIGHWAY
0066T018	DHC-056	0006.6L	SOURCE: km 6.6 YUKON, LEFT OF HIGHWAY
0066T019	DHC-056	0006.6L	SOURCE: km 6.6 YUKON, LEFT OF HIGHWAY
0067T001	DHC-034	0006.7R	SOURCE: km 6.7 YUKON, RIGHT OF HIGHWAY

Location Data Summary
Granular Resource Inventory
Dempster Highway Corridor, YT/NWT

BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
0067T002	DHC-034	0006.7R	SOURCE: km 6.7 YUKON, RIGHT OF HIGHWAY
0067T020	DHC-056	0006.7R	SOURCE: km 6.7 YUKON, RIGHT OF HIGHWAY
0067T021	DHC-056	0006.7R	SOURCE: km 6.7 YUKON, RIGHT OF HIGHWAY
0072T022	DHC-056	0007.2L	SOURCE: km 7.2 YUKON, LEFT OF HIGHWAY
0072T023	DHC-056	0007.2L	SOURCE: km 7.2 YUKON, LEFT OF HIGHWAY
0078T024	DHC-056	0007.8R	SOURCE: km 7.8 YUKON, RIGHT OF HIGHWAY
0092T001	DHC-034	0009.2L	SOURCE: km 9.2 YUKON, 70m L OF HIGHWAY
0094B119	DHC-054	DEMPSTER LATERAL	SOURCE: km 9.4, 1000 m Right of Highway
0109T001	DHC-034	0010.9L	SOURCE: km 10.9 YUKON, 40m L OF HIGHWAY
0114T025	DHC-056	0011.4B	SOURCE: km 11.4 YUKON, LEFT OF HIGHWAY
0125T026	DHC-056	0012.5R	SOURCE: km 12.5 YUKON, RIGHT OF HIGHWAY
0125T027	DHC-056	0012.5R	SOURCE: km 12.5 YUKON, RIGHT OF HIGHWAY
0125T028	DHC-056	0012.5R	SOURCE: km 12.5 YUKON, RIGHT OF HIGHWAY
0125T029	DHC-056	0012.5R	SOURCE: km 12.5 YUKON, RIGHT OF HIGHWAY
0177T030	DHC-056	0017.7L	SOURCE: km 17.7 YUKON, LEFT OF HIGHWAY
0177T031	DHC-056	0017.7L	SOURCE: km 17.7 YUKON, LEFT OF HIGHWAY
0194T001	DHC-034	0019.4R	SOURCE: km 19.4 YUKON, 65m R OF HIGHWAY
0217T001	DHC-034	0021.7L	SOURCE: km 21.7 YUKON, LEFT OF HIGHWAY
0217T002	DHC-034	0021.7L	SOURCE: km 21.7 YUKON, LEFT OF HIGHWAY
0224T001	DHC-034	0022.4L	SOURCE: km 22.4 YUKON, LEFT OF HIGHWAY
0224T002	DHC-034	0022.4L	SOURCE: km 22.4 YUKON, LEFT OF HIGHWAY
0254B120	DHC-054	DEMPSTER LATERAL	SOURCE: km 25.4, 950 m Right of Highway
0256B121	DHC-054	DEMPSTER LATERAL	SOURCE: km 25.4, 1025 m Right of Highway
0267T032	DHC-056	0026.7R	SOURCE: km 26.7 YUKON, RIGHT OF HIGHWAY
0267T033	DHC-056	0026.7R	SOURCE: km 26.7 YUKON, RIGHT OF HIGHWAY
0267T034	DHC-056	0026.7R	SOURCE: km 26.7 YUKON, RIGHT OF HIGHWAY
0267T035	DHC-056	0026.7R	SOURCE: km 26.7 YUKON, RIGHT OF HIGHWAY
0284T036	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T037	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T038	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T039	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T040	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T041	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T042	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0284T043	DHC-056	0028.4R	SOURCE: km 28.4 YUKON, RIGHT OF HIGHWAY
0332T001	DHC-034	0033.2L	SOURCE: km 33.2 YUKON, 30m L OF HIGHWAY
0332T002	DHC-034	0033.2L	SOURCE: km 33.2 YUKON, 30m L OF HIGHWAY
0356T001	DHC-034	0035.6L	SOURCE: km 35.6 YUKON, 65m L OF HIGHWAY
0399T044	DHC-056	0039.9B	SOURCE: km 39.9 YUKON, RIGHT OF HIGHWAY
0399T045	DHC-056	0039.9B	SOURCE: km 39.9 YUKON, LEFT OF HIGHWAY
0405B024	DHC-054	DEMPSTER LATERAL	SOURCE: km 40.5, 75 m Right of CL
0405T001	DHC-056	0040.5L	SOURCE: km 40.5 YUKON, LEFT OF HIGHWAY

Location Data Summary
Granular Resource Inventory
Dempster Highway Corridor, YT/NWT

BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
0405T046	DHC-056	0040.5L	SOURCE: km 40.5 YUKON, LEFT OF HIGHWAY
0440T047	DHC-056	0044.0L	SOURCE: km 44.0 YUKON, LEFT OF HIGHWAY
0440T051	DHC-056	0044.0L	SOURCE: km 44.0 YUKON, LEFT OF HIGHWAY
0440T052	DHC-056	0044.0L	SOURCE: km 44.0 YUKON, LEFT OF HIGHWAY
0470B025	DHC-054	DEMPSTER LATERAL	SOURCE: km 47.0, 200 m Right of Highway
0472T001	DHC-034	0047.2B	SOURCE: km 47.2 YUKON, 16m R OF HIGHWAY
0472T048	DHC-056	0047.2B	SOURCE: km 47.2 YUKON, RIGHT OF HIGHWAY
0472T049	DHC-056	0047.2B	SOURCE: km 47.2 YUKON, RIGHT OF HIGHWAY
0472T050	DHC-056	0047.2B	SOURCE: km 47.2 YUKON, LEFT OF HIGHWAY
0480B026	DHC-054	DEMPSTER LATERAL	SOURCE: km 48.0, 65 m Left of Highway
0499T001	DHC-034	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T053	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T054	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T055	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T056	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T057	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T059	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0499T060	DHC-056	0049.9B	SOURCE: km 49.9 YUKON, LEFT OF HIGHWAY
0531T058	DHC-056	0053.1R	SOURCE: km 53.1 YUKON
0535B123	DHC-054	DEMPSTER LATERAL	SOURCE: km 53.5, 200 m Right of Highway
0555T001	DHC-034	0055.5L	SOURCE: km 55.5 YUKON, LEFT OF HIGHWAY
0555T061	DHC-056	0055.5L	SOURCE: km 55.5 YUKON, LEFT OF HIGHWAY
0555T062	DHC-056	0055.5L	SOURCE: km 55.5 YUKON, LEFT OF HIGHWAY
0555T063	DHC-056	0055.5L	SOURCE: km 55.5 YUKON, LEFT OF HIGHWAY
0555T064	DHC-056	0055.5L	SOURCE: km 55.5 YUKON, LEFT OF HIGHWAY
0555T065	DHC-056	0055.5L	SOURCE: km 55.5 YUKON, LEFT OF HIGHWAY
0580B074	DHC-034	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T001	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T002	DHC-034	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T01A	DHC-034	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T02A	DHC-034	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T066	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T067	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T068	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T069	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T070	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T071	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T072	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, LEFT OF HIGHWAY
0580T073	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, RIGHT OF HIGHWAY
0580T074	DHC-056	0058.0B	SOURCE: km 58.0 YUKON, RIGHT OF HIGHWAY
0624T075	DHC-056	0062.4L	SOURCE: km 62.4 YUKON
0624T076	DHC-056	0062.4L	SOURCE: km 62.4 YUKON

Location Data Summary
Granular Resource Inventory
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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
0639B124	DHC-054	DEMPSTER LATERAL	SOURCE: km 63.9, 300 m Right of Highway
0665T077	DHC-056	0066.5R	SOURCE: km 66.5 YUKON, RIGHT OF HIGHWAY
0665T078	DHC-056	0066.5R	SOURCE: km 66.5 YUKON, RIGHT OF HIGHWAY
0665T079	DHC-056	0066.5R	SOURCE: km 66.5 YUKON, RIGHT OF HIGHWAY
0666B006	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B007	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B008	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B013	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B025	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B030	DHC-042	0066.6B	SOURCE: km 66.6 YUKON
0666B031	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B032	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B033	DHC-042	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B691	DHC-008	0066.6B	SOURCE: km 66.6 YUKON, RIGHT OF HIGHWAY
0666B692	DHC-008	0066.6B	SOURCE: km 66.6 YUKON, RIGHT OF HIGHWAY
0666B693	DHC-008	0066.6B	SOURCE: km 66.6 YUKON, LEFT OF HIGHWAY
0666B741	DHC-008	0066.6B	SOURCE: km 66.6 YUKON
0674B027	DHC-054	DEMPSTER LATERAL	SOURCE: km 67.4, 75 m Right of Highway
0714T080	DHC-056	0071.4L	SOURCE: km 71.4 YUKON, LEFT OF HIGHWAY
0714T081	DHC-056	0071.4L	SOURCE: km 71.4 YUKON, LEFT OF HIGHWAY
0714T082	DHC-056	0071.4L	SOURCE: km 71.4 YUKON, LEFT OF HIGHWAY
0718B028	DHC-054	DEMPSTER LATERAL	SOURCE: km 71.8, 75 m Right of Highway
0773T084	DHC-056	0077.3R	SOURCE: km 77.3 YUKON, RIGHT OF HIGHWAY
0782B029	DHC-054	DEMPSTER LATERAL	SOURCE: km 78.2, 610 m Right of Highway
0792T083	DHC-056	0079.2R	SOURCE: km 79.2 YUKON, RIGHT OF HIGHWAY
0810T086	DHC-056	0081.0R	SOURCE: km 81.0 YUKON, RIGHT OF HIGHWAY
0810T087	DHC-056	0081.0R	SOURCE: km 81.0 YUKON, RIGHT OF HIGHWAY
0810T088	DHC-056	0081.0R	SOURCE: km 81.0 YUKON, LEFT OF HIGHWAY
0840B001	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, RIGHT OF HIGHWAY
0840B002	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, RIGHT OF HIGHWAY
0840T085	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, RIGHT OF HIGHWAY
0840T089	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, RIGHT OF HIGHWAY
0840T090	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, RIGHT OF HIGHWAY
0840T091	DHC-056	0084.0R	SOURCE: km 84.0 YUKON,
0840T092	DHC-056	0084.0R	SOURCE: km 84.0 YUKON
0840T093	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, RIGHT OF HIGHWAY
0840T094	DHC-056	0084.0R	SOURCE: km 84.0 YUKON, LEFT OF HIGHWAY
0843B032	DHC-054	DEMPSTER LATERAL	SOURCE: km 84.3, 340 m Left of Highway
0846B031	DHC-054	DEMPSTER LATERAL	SOURCE: km 84.6, 100 m Left of Highway
0860B001	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B002	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B003	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, ON HIGHWAY

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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
0860B004	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B005	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B006	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B007	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B008	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B009	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B010	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B012	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, LEFT OF HIGHWAY
0860B542	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B543	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B544	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B691	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B692	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B693	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B694	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B695	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B696	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B697	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B698	DHC-006	0086.0B	SOURCE: km 86.0 YUKON, RIGHT OF HIGHWAY
0860B741	DHC-006	0086.0B	SOURCE: km 86.0 YUKON
0862B033	DHC-054	DEMPSTER LATERAL	SOURCE: km 86.2, 425 m Left of Highway
0895T102	DHC-056	0089.5R	SOURCE: km 89.5 YUKON, RIGHT OF HIGHWAY
0902T098	DHC-056	0090.2L	SOURCE: km 90.2 YUKON, LEFT OF HIGHWAY
0902T099	DHC-056	0090.2L	SOURCE: km 90.2 YUKON, LEFT OF HIGHWAY
0902T100	DHC-056	0090.2L	SOURCE: km 90.2 YUKON, LEFT OF HIGHWAY
0902T101	DHC-056	0090.2L	SOURCE: km 90.2 YUKON, LEFT OF HIGHWAY
0907B001	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907B002	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907B003	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907B004	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907B005	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907T103	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, RIGHT OF HIGHWAY
0907T104	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907T105	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, LEFT OF HIGHWAY
0907T106	DHC-056	0090.7B	SOURCE: km 90.7 YUKON, RIGHT OF HIGHWAY
0922B125	DHC-054	DEMPSTER LATERAL	SOURCE: km 92.2, 320 m Left of Highway
0993B034	DHC-054	DEMPSTER LATERAL	SOURCE: km 99.3, 200 m Left of Highway
1056B001	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056B002	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056B003	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056B004	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056B005	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY

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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
1056B006	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056T001	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056T108	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, LEFT OF HIGHWAY
1056T110	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, RIGHT OF HIGHWAY
1056T111	DHC-056	0105.6B	SOURCE: km 105.6 YUKON, RIGHT OF HIGHWAY
1067B126	DHC-054	DEMPSTER LATERAL	SOURCE: km 106.7, 250 m Right of Highway
1127T113	DHC-056	0112.7L	SOURCE: km 112.7 YUKON
1147B001	DHC-007,035,042,050	0114.7B	SOURCE: km 114.7 YUKON, LEFT OF HIGHWAY
1147B002	DHC-007,035,042,050	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B003	DHC-007,035,042,050	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B004	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B017	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B018	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B01A	DHC-007,035,042,050	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B01B	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, LEFT OF HIGHWAY
1147B021	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B02A	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B03A	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B105	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B106	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, LEFT OF HIGHWAY
1147B109	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, LEFT OF HIGHWAY
1147B112	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B113	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B117	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B129	DHC-054	DEMPSTER LATERAL	SOURCE: km 114.7, 150 m Left of Highway
1147B169	DHC-007	0114.7B	SOURCE: km 114.7 YUKON,
1147B691	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B692	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B693	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B694	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B695	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B696	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B741	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B751	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, ON HIGHWAY
1147B752	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, LEFT OF HIGHWAY
1147B753	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, LEFT OF HIGHWAY
1147B754	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B755	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147B756	DHC-007	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147T114	DHC-007,035,042,050	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1147T115	DHC-007,035,042,050	0114.7B	SOURCE: km 114.7 YUKON, RIGHT OF HIGHWAY
1170B001	DHC-056	0117.0R	SOURCE: km 117.0 YUKON, RIGHT OF HIGHWAY

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1170B002	DHC-056	0117.0R	SOURCE: km 117.0 YUKON, RIGHT OF HIGHWAY
1170B003	DHC-056	0117.0R	SOURCE: km 117.0 YUKON, RIGHT OF HIGHWAY
1170T116	DHC-056	0117.0R	SOURCE: km 117.0 YUKON, RIGHT OF HIGHWAY
1170T117	DHC-056	0117.0R	SOURCE: km 117.0 YUKON, RIGHT OF HIGHWAY
1170T118	DHC-056	0117.0R	SOURCE: km 117.0 YUKON, RIGHT OF HIGHWAY
1217B130	DHC-054	DEMPSTER LATERAL	SOURCE: km 121.7, 5480 M Left of Highway
1228B001	DHC-056	0122.8B	SOURCE: km 122.7 YUKON, LEFT OF HIGHWAY
1228B002	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228B003	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228B01A	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228B01B	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, RIGHT OF HIGHWAY
1228B02A	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228B02B	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, RIGHT OF HIGHWAY
1228B03A	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, RIGHT OF HIGHWAY
1228T001	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228T01A	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, RIGHT OF HIGHWAY
1228T119	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228T120	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228T121	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228T122	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1228T123	DHC-056	0122.8B	SOURCE: km 122.8 YUKON, LEFT OF HIGHWAY
1270T125	DHC-056	0127.0R	SOURCE: km 127.0 YUKON, RIGHT OF HIGHWAY
1270T126	DHC-056	0127.0R	SOURCE: km 127.0 YUKON, RIGHT OF HIGHWAY
1270T127	DHC-056	0127.0R	SOURCE: km 127.0 YUKON, RIGHT OF HIGHWAY
1290B131	DHC-054	DEMPSTER LATERAL	SOURCE: km 129.0, 8800 m Left of Highway
1312T127	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, LEFT OF HIGHWAY
1312T128	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, RIGHT OF HIGHWAY
1312T129	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, RIGHT OF HIGHWAY
1312T130	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, RIGHT OF HIGHWAY
1312T132	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, RIGHT OF HIGHWAY
1312T133	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, RIGHT OF HIGHWAY
1312T134	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, RIGHT OF HIGHWAY
1312T135	DHC-056	0131.2B	SOURCE: km 131.2 YUKON, LEFT OF HIGHWAY
1360T136	DHC-056	0136.0L	SOURCE: km 136.0 YUKON, LEFT OF HIGHWAY
1528T138	DHC-056	0152.8L	SOURCE: km 152.8 YUKON, LEFT OF HIGHWAY
1528T139	DHC-056	0152.8L	SOURCE: km 152.8 YUKON, LEFT OF HIGHWAY
1528T140	DHC-056	0152.8L	SOURCE: km 152.8 YUKON, LEFT OF HIGHWAY
1528T141	DHC-056	0152.8L	SOURCE: km 152.8 YUKON, LEFT OF HIGHWAY
1586T142	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY
1586T143	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY
1586T144	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY
1586T145	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY

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1586T146	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY
1586T147	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY
1586T148	DHC-056	0158.6L	SOURCE: km 158.6 YUKON, LEFT OF HIGHWAY
1598B132	DHC-054	DEMPSTER LATERAL	SOURCE: km 159.8, 100 m Right of Highway
1683B001	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B002	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B003	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B004	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B01A	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B02A	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B03A	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1683B04A	DHC-056	0168.3L	SOURCE: km 168.3 YUKON, LEFT OF HIGHWAY
1796B133	DHC-054	DEMPSTER LATERAL	SOURCE: km 179.6, 700 m Right of Highway
1871B134	DHC-054	DEMPSTER LATERAL	SOURCE: km 187.1, 200 m Left of Highway
1892T171	DHC-056	0189.2R	SOURCE: km 189.2 YUKON, RIGHT OF HIGHWAY
1892T172	DHC-056	0189.2R	SOURCE: km 189.2 YUKON, RIGHT OF HIGHWAY
1946T167	DHC-056	0194.6B	SOURCE: km 194.6 YUKON, LEFT OF HIGHWAY
1946T168	DHC-056	0194.6B	SOURCE: km 194.6 YUKON, RIGHT OF HIGHWAY
1946T169	DHC-056	0194.6B	SOURCE: km 194.6 YUKON, RIGHT OF HIGHWAY
1946T170	DHC-056	0194.6B	SOURCE: km 194.6 YUKON, RIGHT OF HIGHWAY
1977B135	DHC-054	DEMPSTER LATERAL	SOURCE: km 197.7, 3250 m Right of Hwy
1991B137	DHC-054	DEMPSTER LATERAL	SOURCE: km 199.1, 100 m Right of Highway
2007B138	DHC-054	DEMPSTER LATERAL	SOURCE: km 200.7, 400 m Right of Highway
2038B139	DHC-054	DEMPSTER LATERAL	SOURCE: km 203.8, 100 m Left of Highway
2060B140	DHC-054	DEMPSTER LATERAL	SOURCE: km 206.0, 1350 m Right of Hwy
2108T160	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2108T161	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2108T162	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2108T163	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2108T164	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2108T165	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2108T166	DHC-056	0210.8L	SOURCE: km 210.8 YUKON, LEFT OF HIGHWAY
2197B143	DHC-054	DEMPSTER LATERAL	SOURCE: km 219.7, 300 m Right of Highway
2288B144	DHC-054	DEMPSTER LATERAL	SOURCE: km 228.8, 1250 m Right of Hwy
2299B145	DHC-054	DEMPSTER LATERAL	SOURCE: km 229.9, 1300 m Right of Hwy
2350B001	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, RIGHT OF HIGHWAY
2350B002	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B003	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B004	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B005	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B006	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B01A	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY

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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
2350B01B	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B01C	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B02A	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B02B	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350B03A	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T155	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T156	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T157	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T158	DHC-056	0235.0B	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2359B148	DHC-054	DEMPSTER LATERAL	SOURCE: km 235.9, 3250 m Right of Hwy
2372B149	DHC-054	DEMPSTER LATERAL	SOURCE: km 237.2, 3450 m Right of Hwy
2428B150	DHC-054	DEMPSTER LATERAL	SOURCE: km 242.8, 2200 m Right of Hwy
2440B001	DHC-056	0244.0R	SOURCE: km 244.0 YUKON, RIGHT OF HIGHWAY
2507B152	DHC-054	DEMPSTER LATERAL	SOURCE: km 250.7, 600 m Right of Highway
2572B155	DHC-054	DEMPSTER LATERAL	SOURCE: km 257.2, 3560 m Right of Hwy
3420B003	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B016	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B021	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B022	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B023	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B025	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B030	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B031	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B032	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B037	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
3420B038	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
3420B040	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
3420B053	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
3420B054	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
3420B080	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B082	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B084	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B108	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3420B110	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
3524B163	DHC-054	DEMPSTER LATERAL	SOURCE: km 352.4, 100 m Left of Highway
3778B001	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778B002	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778B003	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778B004	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778B005	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778B006	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778B007	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline

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3778B008	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778BR11	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778BR12	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778BR13	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3778BR14	DHC-016	0377.8B	SOURCE: km 377.8, YT, Centreline
3780BNE3	DHC-016	0377.8B	SOURCE: km 378.0, YT, 6 m L OF HIGHWAY
3788BNE6	DHC-016	0377.8B	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
3788BNE7	DHC-016	0377.8B	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
3788BNE8	DHC-016	0377.8B	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
3788BNE9	DHC-016	0377.8B	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
3810B166	DHC-054	DEMPSTER LATERAL	SOURCE: km 381.0, 470 m Left of Highway
3815B167	DHC-054	DEMPSTER LATERAL	SOURCE: km 381.5, 370 m Left of Highway
3911B058	DHC-016	0377.8B	SOURCE: km 391.1, YT, CENTRELINE OF HWY
3936B049	DHC-016	0377.8B	SOURCE: km 393.6, YT, CENTRELINE OF HWY
4170B002	DHC-047	0417.0R	SOURCE: km 417.0 YUKON, RIGHT OF HIGHWAY
4230B001	DHC-047	0423.0R	SOURCE: km 423.0 YUKON, RIGHT OF HIGHWAY
4230B002	DHC-047	0423.0R	SOURCE: km 423.0 YUKON, RIGHT OF HIGHWAY
4230B01A	DHC-047	0423.0R	SOURCE: km 423.0 YUKON, RIGHT OF HIGHWAY
4329B002	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, LEFT OF HIGHWAY
4329B003	DHC-047	0432.9R	SOURCE: km 432.9 YUKON
4329B004	DHC-047	0432.9R	SOURCE: km 432.9 YUKON
4329B006	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, RIGHT OF HIGHWAY
4329B007	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
4329B008	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
4329B009	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
4329B010	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
4329B016	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
4329B017	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
4329B018	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, LEFT OF HIGHWAY
4329B019	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, RIGHT OF HIGHWAY
4329B171	DHC-054	DEMPSTER LATERAL	SOURCE: km 432.9, 500 m Left of Highway
4359B172	DHC-054	DEMPSTER LATERAL	SOURCE: km 435.9, 250 m Left of Highway
4460B001	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, LEFT OF HIGHWAY
4460B002	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460B003	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460B004	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460B005	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460B02A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, RIGHT OF HIGHWAY
4460B03A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460B04A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, RIGHT OF HIGHWAY
4460B05A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, RIGHT OF HIGHWAY
4460T149	DHC-056	0446.0B	SOURCE: km 446.0 YUKON

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4460T150	DHC-056	0446.0B	SOURCE: km 446.0 YUKON
4460T151	DHC-056	0446.0B	SOURCE: km 446.0 YUKON
4460T152	DHC-056	0446.0B	SOURCE: km 446.0 YUKON
4460T153	DHC-056	0446.0B	SOURCE: km 446.0 YUKON
4460T154	DHC-056	0446.0B	SOURCE: km 446.0 YUKON
4650B174	DHC-054	DEMPSTER LATERAL	SOURCE: km 465.0, 100 m Left of Highway
4667B176	DHC-054	DEMPSTER LATERAL	SOURCE: km 466.7, 1800 m Left of Highway
4668B175	DHC-054	DEMPSTER LATERAL	SOURCE: km 466.8, 800 m Left of Highway
4999B179	DHC-054	DEMPSTER LATERAL	SOURCE: km 499.9, 100 m Left of Highway
5088B001	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B002	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B003	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B004	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B005	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B006	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B007	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B008	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B009	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B010	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B011	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B312	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B313	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B314	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B315	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B316	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B317	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B318	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B319	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B320	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B321	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B322	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B323	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B590	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B593	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5088B595	DHC-046	0508.8R	SOURCE: km 508.8 NWT, 560m R OF HIGHWAY
5656B220	DHC-010	0565.6R	SOURCE: km 565.6 NWT, RIGHT OF HIGHWAY
5656B221	DHC-010	0565.6R	SOURCE: km 565.6 NWT, RIGHT OF HIGHWAY
5677B041	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
5677B189	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
5677B190	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
5677B191	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
5677B192	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY

Location Data Summary
Granular Resource Inventory
Dempster Highway Corridor, YT/NWT

BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
6700B265	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B266	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B267	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B268	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B269	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B270	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B271	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6700B272	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY
6720B062	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, 340m R OF HIGHWAY
6720B066	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, 340m R OF HIGHWAY
6720B067	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, 340m R OF HIGHWAY
6720B068	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B069	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B071	DHC-009.010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B076	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B094	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, 450m R OF HIGHWAY
6720B224	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B231	DHC,009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B278	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B279	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B280	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B281	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B283	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B285	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6720B286	DHC-009,010	0672.0B	SOURCE: km 672.0 NWT, BOTH SIDES OF HWAY
6800B083	DHC-011	0680.0L	SOURCE: km 680.0 NWT, 700m L OF HIGHWAY
6800B085	DHC-011	0680.0L	SOURCE: km 680.0 NWT, 700m L OF HIGHWAY
6800B109	DHC-011	0680.0L	SOURCE: km 680.0 NWT, 700m L OF HIGHWAY
6800B110	DHC-011	0680.0L	SOURCE: km 680.0 NWT, 700m L OF HIGHWAY
6800B111	DHC-011	0680.0L	SOURCE: km 680.0 NWT, 700m L OF HIGHWAY
6900B057	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B059	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B064	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B077	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 200m R OF HIGHWAY
6900B131	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 200m R OF HIGHWAY
6900B151	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B153	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B156	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B158	DHC-011	0690.0R	SOURCE: km 690.0 NWT, 250m R OF HIGHWAY
6900B199	DHC-054	DEMPSTER LATERAL	SOURCE: km 690.0, 2000 m Right of Hwy
7060B130	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
7060B132	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 50m L OF HIGHWAY

Location Data Summary
Granular Resource Inventory
Dempster Highway Corridor, YT/NWT

BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
70608133	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608135	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608139	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 150m R OF HIGHWAY
70608147	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 100m R OF HIGHWAY
70608148	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608149	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608150	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608152	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608153	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608245	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608246	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608248	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608249	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608250	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608251	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608252	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608254	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608255	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608257	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 125m L OF HIGHWAY
70608258	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608260	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608261	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608262	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608263	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608264	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608265	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608266	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608267	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608268	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608270	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608271	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 350m L OF HIGHWAY
70608272	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 50m L OF HIGHWAY
70608273	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 50m L OF HIGHWAY
70608278	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 100m R OF HIGHWAY
70608279	DHC-011	0706.0L	SOURCE: km 706.0 NWT, 100m R OF HIGHWAY
71248154	DHC-011	0712.4B	SOURCE: km 712.4 NWT, 400m R OF HIGHWAY
71248155	DHC-011	0712.4B	SOURCE: km 712.4 NWT, 250m R OF HIGHWAY
71248156	DHC-011	0712.4B	SOURCE: km 712.4 NWT, 250m R OF HIGHWAY
71248164	DHC-011	0712.4B	SOURCE: km 712.4 NWT, 550m R OF HIGHWAY
71248165	DHC-011	0712.4B	SOURCE: km 712.4 NWT, 550m R OF HIGHWAY
71248168	DHC-011	0712.4B	SOURCE: km 712.4 NWT, 1100m R OF HIGHWAY
71248170	DHC-011	0712.4B	SOURCE: km 712.4 NWT, BOTH SIDES OF HWAY

DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

PLEASE INSERT IN VOLUME I OF ORIGINAL DEMPSTER BOREHOLE DATABASE

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
0011B001	0011B001	ORIGINAL BOREHOLE NUMBER - 1
0011B002	0011B002	ORIGINAL BOREHOLE NUMBER - 2
0011B003	0011B003	ORIGINAL BOREHOLE NUMBER - 3
0011B004	0011B004	ORIGINAL BOREHOLE NUMBER - 4
0011B005	0011B005	ORIGINAL BOREHOLE NUMBER - 5
0011B006	0011B006	ORIGINAL BOREHOLE NUMBER - 6
0011B007	0011B007	ORIGINAL BOREHOLE NUMBER - 7
0011B008	0011B008	ORIGINAL BOREHOLE NUMBER - 8
0011B009	0011B009	ORIGINAL BOREHOLE NUMBER - 9
0011T001	0011T001	ORIGINAL TEST PIT NUMBER - 1
0011T002	0011T002	ORIGINAL TEST PIT NUMBER - 2
0011T003	0011T003	ORIGINAL TEST PIT NUMBER - 3
0011T004	0011T004	ORIGINAL TEST PIT NUMBER - 4
0011T005	0011T005	ORIGINAL TEST PIT NUMBER - 5
0011T006	0011T006	ORIGINAL TEST PIT NUMBER - 6
0011T007	0011T007	ORIGINAL TEST PIT NUMBER - 7
0011T008	0011T008	ORIGINAL TEST PIT NUMBER - 8
0011T009	0011T009	ORIGINAL TEST PIT NUMBER - 9
0013T001	0013T001	ORIGINAL TEST PIT NUMBER - 1
0013T002	0013T002	ORIGINAL TEST PIT NUMBER - 2
0013T003	0013T003	ORIGINAL TEST PIT NUMBER - 3
0013T004	0013T004	ORIGINAL TEST PIT NUMBER - 4
0013T005	0013T005	ORIGINAL TEST PIT NUMBER - 5
0013T006	0013T006	ORIGINAL TEST PIT NUMBER - 6
0013T007	0013T007	ORIGINAL TEST PIT NUMBER - 7
0013T008	0013T008	ORIGINAL TEST PIT NUMBER - 8
0013T009	0013T009	ORIGINAL TEST PIT NUMBER - 9
0013T010	0013T010	ORIGINAL TEST PIT NUMBER - 10
0013T011	0013T011	ORIGINAL TEST PIT NUMBER - 11
0013T01A	0013T01A	ORIGINAL TEST PIT NUMBER - 1
0033T001	0033T001	ORIGINAL TEST PIT NUMBER - 1
0033T012	0033T012	ORIGINAL TEST PIT NUMBER - 12
0033T013	0033T013	ORIGINAL TEST PIT NUMBER - 13
0033T014	0033T014	ORIGINAL TEST PIT NUMBER - 14
0051T015	0051T015	ORIGINAL TEST PIT NUMBER - 15
0051T016	0051T016	ORIGINAL TEST PIT NUMBER - 16
0066T001	0066T001	ORIGINAL TEST PIT NUMBER - 1
0066T002	0066T002	ORIGINAL TEST PIT NUMBER - 2
0066T017	0066T017	ORIGINAL TEST PIT NUMBER - 17
0066T018	0066T018	ORIGINAL TEST PIT NUMBER - 18
0066T019	0066T019	ORIGINAL TEST PIT NUMBER - 19
0067T001	0069T001	ORIGINAL TEST PIT NUMBER - 1
0067T002	0069T002	ORIGINAL TEST PIT NUMBER - 2
0067T020	0069T020	ORIGINAL TEST PIT NUMBER - 20
0067T021	0069T021	ORIGINAL TEST PIT NUMBER - 21
0072T022	0072T022	ORIGINAL TEST PIT NUMBER - 22
0072T023	0072T023	ORIGINAL TEST PIT NUMBER - 23
0078T024	0078T024	ORIGINAL TEST PIT NUMBER - 24
0092T001	0092T001	ORIGINAL TESTPIT NUMBER - 1
0094B119	n/a	ORIGINAL BOREHOLE NUMBER 78-119
0109T001	0109T001	ORIGINAL TEST PIT NUMBER - 1
0114T025	0114T025	ORIGINAL TEST PIT NUMBER - 25
0125T026	0125T026	ORIGINAL TEST PIT NUMBER - 26
0125T027	0125T027	ORIGINAL TEST PIT NUMBER - 27
0125T028	0125T028	ORIGINAL TEST PIT NUMBER - 28
0125T029	0125T029	ORIGINAL TEST PIT NUMBER - 29
0177T030	0177T030	ORIGINAL TEST PIT NUMBER - 30
0177T031	0177T031	ORIGINAL TEST PIT NUMBER - 31
0194T001	0192T001	ORIGINAL TEST PIT NUMBER - 1
0217T001	0217T001	ORIGINAL TEST PIT NUMBER - 1
0217T002	0217T002	ORIGINAL TEST PIT NUMBER - 2
0224T001	0224T001	ORIGINAL TEST PIT NUMBER - 1
0224T002	0224T002	ORIGINAL TEST PIT NUMBER - 2
0254B120	n/a	ORIGINAL BOREHOLE NUMBER 78-120
0256B121	n/a	ORIGINAL BOREHOLE NUMBER 78-121
0267T032	0268T032	ORIGINAL TEST PIT NUMBER - 32
0267T033	0268T033	ORIGINAL TEST PIT NUMBER - 33
0267T034	0268T034	ORIGINAL TEST PIT NUMBER - 34

DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
0267T035	0268T035	ORIGINAL TEST PIT NUMBER - 35
0284T036	0286T036	ORIGINAL TEST PIT NUMBER - 36
0284T037	0286T037	ORIGINAL TEST PIT NUMBER - 37
0284T038	0286T038	ORIGINAL TEST PIT NUMBER - 38
0284T039	0286T039	ORIGINAL TEAT PIT NUMBER - 39
0284T040	0286T040	ORIGINAL TEST PIT NUMBER - 40
0284T041	0286T041	ORIGINAL TEST PIT NUMBER - 41
0284T042	0286T042	ORIGINAL TEST PIT NUMBER - 42
0284T043	0286T043	ORIGINAL TEST PIT NUMBER - 43
0332T001	0336T001	ORIGINAL TEST PIT NUMBER - 1
0332T002	0336T002	ORIGINAL TEST PIT NUMBER - 2
0356T001	0356T001	ORIGINAL TEST PIT NUMBER - 1
0399T044	0399T044	ORIGINAL TEST PIT NUMBER - 44
0399T045	0399T045	ORIGINAL TEST PIT NUMBER - 45
0405B024	n/a	ORIGINAL BOREHOLE NUMBER 78-24
0405T001	0406T001	ORIGINAL TEST PIT NUMBER - 1
0405T046	0406T046	ORIGINAL TEST PIT NUMBER - 46
0440T047	0437T047	ORIGINAL TEST PIT NUMBER - 47
0440T051	0437T051	ORIGINAL TEST PIT NUMBER - 51
0440T052	0437T052	ORIGINAL TEST PIT NUMBER - 52
0470B025	n/a	ORIGINAL BOREHOLE NUMBER 78-25
0472T001	0470T001	ORIGINAL TEST PIT NUMBER - 1
0472T048	0469T048	ORIGINAL TEST PIT NUMBER - 48
0472T049	0469T049	ORIGINAL TEST PIT NUMBER - 49
0472T050	0469T050	ORIGINAL TEST PIT NUMBER - 50
0480B026	n/a	ORIGINAL BOREHOLE NUMBER 78-26
0499T001	0499T001	ORIGINAL TEST PIT NUMBER - 1
0499T053	0499T053	ORIGINAL TEST PIT NUMBER - 53
0499T054	0499T054	ORIGINAL TEST PIT NUMBER - 54
0499T055	0499T055	ORIGINAL TEST PIT NUMBER - 55
0499T056	0499T056	ORIGINAL TEST PIT NUMBER - 56
0499T057	0499T057	ORIGINAL TEST PIT NUMBER - 57
0499T059	0499T059	ORIGINAL TEST PIT NUMBER - 59
0499T060	0499T060	ORIGINAL TEST PIT NUMBER - 60
0531T058	0531T058	ORIGINAL TEST PIT NUMBER - 58
0535B123	n/a	ORIGINAL BOREHOLE NUMBER 78-123
0555T001	0563T001	ORIGINAL TEST PIT NUMBER - 1
0555T061	0563T061	ORIGINAL TEST PIT NUMBER - 61
0555T062	0563T062	ORIGINAL TEST PIT NUMBER - 62
0555T063	0563T063	ORIGINAL TEST PIT NUMBER - 63
0555T064	0563T064	ORIGINAL TEST PIT NUMBER - 64
0555T065	0563T065	ORIGINAL TEST PIT NUMBER - 65
0580B074	0586B074	ORIGINAL BOREHOLE NUMBER -1-74
0580T001	0580T001	ORIGINAL TEST PIT NUMBER - TP-1
0580T002	0580T002	ORIGINAL TEST PIT NUMBER - TP-2
0580T01A	0586T001	ORIGINAL TEST PIT NUMBER - TP-1
0580T02A	0586T002	ORIGINAL TEST PIT NUMBER - TP-2
0580T066	0577T066	ORIGINAL TEST PIT NUMBER - 66
0580T067	0577T067	ORIGINAL TEST PIT NUMBER - 67
0580T068	0577T068	ORIGINAL TEST PIT NUMBER - 68
0580T069	0577T069	ORIGINAL TEST PIT NUMBER - 69
0580T070	0586T070	ORIGINAL TEST PIT NUMBER - 70
0580T071	0586T071	ORIGINAL TEST PIT NUMBER - 71
0580T072	0586T072	ORIGINAL TEST PIT NUMBER - 72
0580T073	0586T073	ORIGINAL TEST PIT NUMBER - 73
0580T074	0602T074	ORIGINAL TEST PIT NUMBER - 74
0624T075	0629T075	ORIGINAL TEST PIT NUMBER - 75
0624T076	0629T076	ORIGINAL TEST PIT NUMBER - 76
0639B124	n/a	ORIGINAL BOREHOLE NUMBER 78-124
0665T077	0671T077	ORIGINAL TEST PIT NUMBER - 77
0665T078	0671T078	ORIGINAL TEST PIT NUMBER - 78
0665T079	0671T079	ORIGINAL TEST PIT NUMBER - 79
0666B006	0680B006	ORIGINAL BOREHOLE NUMBER - 77-6
0666B007	0680B007	ORIGINAL BOREHOLE NUMBER - 77-7
0666B008	0680B008	ORIGINAL BOREHOLE NUMBER - 77-8
0666B013	0680B013	ORIGINAL BOREHOLE NUMBER - 77-13
0666B025	0680B025	ORIGINAL BOREHOLE NUMBER - 77-25
0666B030	0680B030	ORIGINAL BOREHOLE NUMBER - 77-30

DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
0666B031	0680B031	ORIGINAL BOREHOLE NUMBER - 77-31
0666B032	0680B032	ORIGINAL BOREHOLE NUMBER - 77-32
0666B033	0680B033	ORIGINAL BOREHOLE NUMBER - 77-33
0666B691	0680B691	ORIGINAL BOREHOLE NUMBER - 69-2-1
0666B692	0680B692	ORIGINAL BOREHOLE NUMBER - 69-2-2
0666B693	0680B693	ORIGINAL BOREHOLE NUMBER - 69-2-3
0666B741	0680B741	ORIGINAL BOREHOLE NUMBER - 74-1
0674B027	n/a	ORIGINAL BOREHOLE NUMBER 78-27
0714T080	0707T080	ORIGINAL TEST PIT NUMBER - 80
0714T081	0707T081	ORIGINAL TEST PIT NUMBER - 81
0714T082	0707T082	ORIGINAL TEST PIT NUMBER - 82
0718B028	n/a	ORIGINAL BOREHOLE NUMBER 78-28
0773T084	0778T084	ORIGINAL TEST PIT NUMBER - 84
0782B029	n/a	ORIGINAL BOREHOLE NUMBER 78-29
0792T083	0789T083	ORIGINAL TEST PIT NUMBER - 83
0810T086	0810T086	ORIGINAL TEST PIT NUMBER - 86
0810T087	0810T087	ORIGINAL TEST PIT NUMBER - 87
0810T088	0810T088	ORIGINAL TEST PIT NUMBER - 88
0840B001	0853B001	ORIGINAL BOREHOLE NUMBER - 1
0840B002	0853B002	ORIGINAL BOREHOLE NUMBER - 2
0840T085	0823T085	ORIGINAL TEST PIT NUMBER - 85
0840T089	0832T089	ORIGINAL TEST PIT NUMBER - 89
0840T090	0832T090	ORIGINAL TEST PIT NUMBER - 90
0840T091	0832T091	ORIGINAL TEST PIT NUMBER - 91
0840T092	0845T092	ORIGINAL TEST PIT NUMBER - 92
0840T093	0853T093	ORIGINAL TEST PIT NUMBER - 93
0840T094	0858T094	ORIGINAL TEST PIT NUMBER - 94
0843B032	n/a	ORIGINAL BOREHOLE NUMBER 78-32
0846B031	n/a	ORIGINAL BOREHOLE NUMBER 78-31
0860B001	0870B001	ORIGINAL BOREHOLE NUMBER - 77-1
0860B002	0870B002	ORIGINAL BOREHOLE NUMBER - 77-2
0860B003	0870B003	ORIGINAL BOREHOLE NUMBER - 77-3
0860B004	0870B004	ORIGINAL BOREHOLE NUMBER - 77-4
0860B005	0870B005	ORIGINAL BOREHOLE NUMBER - 77-5
0860B006	0870B006	ORIGINAL BOREHOLE NUMBER - 77-6
0860B007	0870B007	ORIGINAL BOREHOLE NUMBER - 77-7
0860B008	0870B008	ORIGINAL BOREHOLE NUMBER - 77-8
0860B009	0870B009	ORIGINAL BOREHOLE NUMBER - 77-9
0860B010	0870B010	ORIGINAL BOREHOLE NUMBER - 77-10
0860B012	0870B012	ORIGINAL BOREHOLE NUMBER - 77-12
0860B542	0870B542	ORIGINAL BOREHOLE NUMBER - 542
0860B543	0870B543	ORIGINAL BOREHOLE NUMBER - 543
0860B544	0870B544	ORIGINAL BOREHOLE NUMBER - 544
0860B691	0870B691	ORIGINAL BOREHOLE NUMBER - 69-3-1
0860B692	0870B692	ORIGINAL BOREHOLE NUMBER - 69-3-2
0860B693	0870B693	ORIGINAL BOREHOLE NUMBER - 69-3-3
0860B694	0870B694	ORIGINAL BOREHOLE NUMBER - 69-3-4
0860B695	0870B695	ORIGINAL BOREHOLE NUMBER - 69-3-5
0860B696	0870B696	ORIGINAL BOREHOLE NUMBER - 69-3-6
0860B697	0870B697	ORIGINAL BOREHOLE NUMBER - 69-3-7
0860B698	0870B698	ORIGINAL BOREHOLE NUMBER - 69-3-8
0860B741	0870B741	ORIGINAL BOREHOLE NUMBER - 74-1
0862B033	n/a	ORIGINAL BOREHOLE NUMBER 78-33
0895T102	0904T102	ORIGINAL TEST PIT NUMBER - 102
0902T098	0898T098	ORIGINAL TEST PIT NUMBER - 98
0902T099	0898T099	ORIGINAL TEST PIT NUMBER - 99
0902T100	0898T100	ORIGINAL TEST PIT NUMBER - 100
0902T101	0898T101	ORIGINAL TEST PIT NUMBER - 101
0907B001	0911B001	ORIGINAL BOREHOLE NUMBER - 1
0907B002	0911B002	ORIGINAL BOREHOLE NUMBER - 2
0907B003	0911B003	ORIGINAL BOREHOLE NUMBER - 3
0907B004	0911B004	ORIGINAL BOREHOLE NUMBER - 4
0907B005	0911B005	ORIGINAL BOREHOLE NUMBER - 5
0907T103	0907T103	ORIGINAL TEST PIT NUMBER - 103
0907T104	0926T104	ORIGINAL TEST PIT NUMBER - 104
0907T105	0926T105	ORIGINAL TEST PIT NUMBER - 105
0907T106	0907T106	ORIGINAL TEST PIT NUMBER - 106
0922B125	n/a	ORIGINAL BOREHOLE NUMBER 78-125

DEMPSTER HIGHWAY GRANULAR SOURCE
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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
0993B034	n/a	ORIGINAL BOREHOLE NUMBER 78-34
1056B001	1072B001	ORIGINAL BOREHOLE NUMBER - TH-1
1056B002	1072B002	ORIGINAL BOREHOLE NUMBER TH-2
1056B003	1072B003	ORIGINAL BOREHOLE NUMBER TH-3
1056B004	1072B004	ORIGINAL BOREHOLE NUMBER - TH-4
1056B005	1072B005	ORIGINAL BOREHOLE NUMBER - TH-5
1056B006	1072B006	ORIGINAL BOREHOLE NUMBER - TH-6
1056T001	1075T001	ORIGINSL BOREHOLE NUMBER - TH-1
1056T108	1072T108	ORIGINAL TEST PIT NUMBER - 108
1056T110	1075T110	ORIGINAL TEST PIT NUMBER - 110
1056T111	1075T111	ORIGINAL TEST PIT NUMBER - 111
1067B126	n/a	ORIGINAL BOREHOLE NUMBER 78-126
1127T113	1133T113	ORIGINAL TEST PIT NUMBER - 113
1147B001	1168B001	ORIGINAL BOREHOLE NUMBER - 1
1147B002	1168B002	ORIGINAL BOREHOLE NUMBER - 2
1147B003	1168B003	ORIGINAL BOREHOLE NUMBER - 3
1147B004	1201B004	ORIGINAL BOREHOLE NUMBER - 77-4
1147B017	1201B017	ORIGINAL BOREHOLE NUMBER - 77-17
1147B018	1201B018	ORIGINAL BOREHOLE NUMBER - 77-18
1147B01A	1168B01A	ORIGINAL BOREHOLE NUMBER - 1
1147B01B	1201B001	ORIGINAL BOREHOLE NUMBER - 77-1
1147B021	1201B021	ORIGINAL BOREHOLE NUMBER - 77-21
1147B02A	1201B002	ORIGINAL BOREHOLE NUMBER - 77-2
1147B03A	1201B003	ORIGINAL BOREHOLE NUMBER - 77-3
1147B105	1201B105	ORIGINAL BOREHOLE NUMBER - 105
1147B106	1201B106	ORIGINAL BOREHOLE NUMBER - 106
1147B109	1201B109	ORIGINAL BOREHOLE NUMBER - 109
1147B112	1201B112	ORIGINAL BOREHOLE NUMBER - 112
1147B113	1201B113	ORIGINAL BOREHOLE NUMBER - 113
1147B117	1201B117	ORIGINAL BOREHOLE NUMBER - 117
1147B129	n/a	ORIGINAL BOREHOLE NUMBER 78-129
1147B169	1201B169	ORIGINAL BOREHOLE NUMBER - 169
1147B691	1201B691	ORIGINAL BOREHOLE NUMBER - 69-4-1
1147B692	1201B692	ORIGINAL BOREHOLE NUMBER - 69-4-2
1147B693	1201B693	ORIGINAL BOREHOLE NUMBER - 69-4-3
1147B694	1201B694	ORIGINAL BOREHOLE NUMBER - 69-4-4
1147B695	1201B695	ORIGINAL BOREHOLE NUMBER - 69-4-5
1147B696	1201B969	ORIGINAL BOREHOLE NUMBER - 69-4-6
1147B741	1201B741	ORIGINAL BOREHOLE NUMBER - 74-1
1147B751	1201B751	ORIGINAL BOREHOLE NUMBER - 75-1
1147B752	1201B752	ORIGINAL BOREHOLE NUMBER - 75-2
1147B753	1201B753	ORIGINAL BOREHOLE NUMBER - 75-3
1147B754	1201B754	ORIGINAL BOREHOLE NUMBER - 75-4
1147B755	1201B755	ORIGINAL BOREHOLE NUMBER - 75-5
1147B756	1201B756	ORIGINAL BOREHOLE NUMBER - 75-6
1147T114	1168T114	ORIGINAL TEST PIT NUMBER - 114
1147T115	1168T115	ORIGINAL TEST PIT NUMBER - 115
1170B001	1186B001	ORIGINAL BOREHOLE NUMBER - 1
1170B002	1186B002	ORIGINAL BOREHOLE NUMBER - 2
1170B003	1186B003	ORIGINAL BOREHOLE NUMBER - 3
1170T116	1186T116	ORIGINAL TEST PIT NUMBER - 116
1170T117	1186T117	ORIGINAL TEST PIT NUMBER - 117
1170T118	1186T118	ORIGINAL TEST PIT NUMBER - 118
1217B130	n/a	ORIGINAL BOREHOLE NUMBER 78-130
1228B001	1247B001	ORIGINAL BOREHOLE NUMBER - 1
1228B002	1247B002	ORIGINAL BOREHOLE NUMBER - 2
1228B003	1247B003	ORIGINAL BOREHOLE NUMBER - 3
1228B01A	1247B01A	ORIGINAL BOREHOLE NUMBER - 1
1228B01B	1247B01B	ORIGINAL BOREHOLE NUMBER - 1
1228B02A	1247B02A	ORIGINAL BOREHOLE NUMBER - 2
1228B02B	1247B02B	ORIGINAL BOREHOLE NUMBER - BH-2
1228B03A	1247B03A	ORIGINAL BOREHOLE NUMBER - 3
1228T001	1247T001	ORIGINAL TEST PIT NUMBER - TP-1
1228T01A	1247T01A	ORIGINAL TEST PIT NUMBER - TP-1
1228T119	1247T119	ORIGINAL TEST PIT NUMBER - 119
1228T120	1247T120	ORIGINAL TEST PIT NUMBER - 120
1228T121	1247T121	ORIGINAL TEST PIT NUMBER - 121
1228T122	1247T122	ORIGINAL TEST PIT NUMBER - 122

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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
1228T123	1247T123	ORIGINAL TEST PIT NUMBER - 123
1270T125	1273T125	ORIGINAL TEST PIT NUMBER - 125
1270T126	1273T126	ORIGINAL TEST PIT NUMBER - 126
1270T127	1247T127	ORIGINAL TEST PIT NUMBER - 126A
1290B131	n/a	ORIGINAL BOREHOLE NUMBER 78-130
1312T127	1329T127	ORIGINAL TEST PIT NUMBER - 127
1312T128	1329T128	ORIGINAL TEST PIT NUMBER - 128
1312T129	1329T129	ORIGINAL TEST PIT NUMBER - 129
1312T130	1329T130	ORIGINAL TEST PIT NUMBER - 130
1312T132	1329T132	ORIGINAL TEST PIT NUMBER - 132
1312T133	1329T133	ORIGINAL TEST PIT NUMBER - 133
1312T134	1329T134	ORIGINAL TEST PIT NUMBER - 134
1312T135	1329T135	ORIGINAL TEST PIT NUMBER - 135
1360T136	1374T136	ORIGINAL TEST PIT NUMBER - 136
1528T138	1545T138	ORIGINAL TEST PIT NUMBER - 138
1528T139	1545T139	ORIGINAL TEST PIT NUMBER - 139
1528T140	1545T140	ORIGINAL TEST PIT NUMBER - 140
1528T141	1545T141	ORIGINAL TEST PIT NUMBER - 141
1586T142	1609T142	ORIGINAL TEST PIT NUMBER - 142
1586T143	1609T143	ORIGINAL TEST PIT NUMBER - 143
1586T144	1609T144	ORIGINAL TEST PIT NUMBER - 144
1586T145	1609T145	ORIGINAL TEST PIT NUMBER - 145
1586T146	1609T146	ORIGINAL TEST PIT NUMBER - 146
1586T147	1609T147	ORIGINAL TEST PIT NUMBER - 147
1586T148	1609T148	ORIGINAL TEST PIT NUMBER - 148
1598B132	n/a	ORIGINAL BOREHOLE NUMBER 78-132
1683B001	1703B001	ORIGINAL BOREHOLE NUMBER - 1
1683B002	1703B002	ORIGINAL BOREHOLE NUMBER - 2
1683B003	1703B003	ORIGINAL BOREHOLE NUMBER - 3
1683B004	1703B004	ORIGINAL BOREHOLE NUMBER - 4
1683B01A	1704B001	ORIGINAL BOREHOLE NUMBER - 1
1683B02A	1704B02A	ORIGINAL BOREHOLE NUMBER - 2
1683B03A	1704B03A	ORIGINAL BOREHOLE NUMBER - 3
1683B04A	1704B04A	ORIGINAL BOREHOLE NUMBER - 4
1796B133	n/a	ORIGINAL BOREHOLE NUMBER 78-133
1871B134	n/a	ORIGINAL BOREHOLE NUMBER 78-134
1892T171	1903T171	ORIGINAL TEST PIT NUMBER - 171
1892T172	1903T172	ORIGINAL TEST PIT NUMBER - 172
1946T167	1947T167	ORIGINAL TEST PIT NUMBER - 167
1946T168	1947T168	ORIGINAL TEST PIT NUMBER - 168
1946T169	1947T169	ORIGINAL TEST PIT NUMBER - 169
1946T170	1947T170	ORIGINAL TEST PIT NUMBER - 170
1977B135	n/a	ORIGINAL BOREHOLE NUMBER 78-135
1991B137	n/a	ORIGINAL BOREHOLE NUMBER 78-137
2007B138	n/a	ORIGINAL BOREHOLE NUMBER 78-138
2038B139	n/a	ORIGINAL BOREHOLE NUMBER 78-139
2060B140	n/a	ORIGINAL BOREHOLE NUMBER 78-140
2108T160	2108T160	ORIGINAL TEST PIT NUMBER - 160
2108T161	2108T161	ORIGINAL TEST PIT NUMBER - 161
2108T162	2108T162	ORIGINAL TEST PIT NUMBER - 162
2108T163	2108T163	ORIGINAL TEST PIT NUMBER - 163
2108T164	2108T164	ORIGINAL TEST PIT NUMBER - 164
2108T165	2108T165	ORIGINAL TEST PIT NUMBER - 165
2108T166	2108T166	ORIGINAL TEST PIT NUMBER - 166
2197B143	n/a	ORIGINAL BOREHOLE NUMBER 78-143
2288B144	n/a	ORIGINAL BOREHOLE NUMBER 78-144
2299B145	n/a	ORIGINAL BOREHOLE NUMBER 78-145
2350B001	2314B001	ORIGINAL BOREHOLE NUMBER - 1
2350B002	2316B002	ORIGINAL BOREHOLE NUMBER - 2
2350B003	2316B003	ORIGINAL BOREHOLE NUMBER - 3
2350B004	2316B004	ORIGINAL BOREHOLE NUMBER - 4
2350B005	2316B005	ORIGINAL BOREHOLE NUMBER - 5
2350B006	2316B006	ORIGINAL BOREHOLE NUMBER - 6
2350B01A	2316B001	ORIGINAL BOREHOLE NUMBER - 1
2350B01B	2325B001	ORIGINAL BOREHOLE NUMBER - 1
2350B01C	2342B001	ORIGINAL BOREHOLE NUMBER - 1
2350B02A	2325B02A	ORIGINAL BOREHOLE NUMBER - 2
2350B02B	2342B002	ORIGINAL BOREHOLE NUMBER - 2

DEMPSTER HIGHWAY GRANULAR SOURCE
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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

PLEASE INSERT IN VOLUME II OF ORIGINAL DEMPSTER BOREHOLE DATABASE

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
1228T123	1247T123	ORIGINAL TEST PIT NUMBER - 123
1270T125	1273T125	ORIGINAL TEST PIT NUMBER - 125
1270T126	1273T126	ORIGINAL TEST PIT NUMBER - 126
1270T127	1247T127	ORIGINAL TEST PIT NUMBER - 126A
1290B131	n/a	ORIGINAL BOREHOLE NUMBER 78-130
1312T127	1329T127	ORIGINAL TEST PIT NUMBER - 127
1312T128	1329T128	ORIGINAL TEST PIT NUMBER - 128
1312T129	1329T129	ORIGINAL TEST PIT NUMBER - 129
1312T130	1329T130	ORIGINAL TEST PIT NUMBER - 130
1312T132	1329T132	ORIGINAL TEST PIT NUMBER - 132
1312T133	1329T133	ORIGINAL TEST PIT NUMBER - 133
1312T134	1329T134	ORIGINAL TEST PIT NUMBER - 134
1312T135	1329T135	ORIGINAL TEST PIT NUMBER - 135
1360T136	1374T136	ORIGINAL TEST PIT NUMBER - 136
1528T138	1545T138	ORIGINAL TEST PIT NUMBER - 138
1528T139	1545T139	ORIGINAL TEST PIT NUMBER - 139
1528T140	1545T140	ORIGINAL TEST PIT NUMBER - 140
1528T141	1545T141	ORIGINAL TEST PIT NUMBER - 141
1586T142	1609T142	ORIGINAL TEST PIT NUMBER - 142
1586T143	1609T143	ORIGINAL TEST PIT NUMBER - 143
1586T144	1609T144	ORIGINAL TEST PIT NUMBER - 144
1586T145	1609T145	ORIGINAL TEST PIT NUMBER - 145
1586T146	1609T146	ORIGINAL TEST PIT NUMBER - 146
1586T147	1609T147	ORIGINAL TEST PIT NUMBER - 147
1586T148	1609T148	ORIGINAL TEST PIT NUMBER - 148
1598B132	n/a	ORIGINAL BOREHOLE NUMBER 78-132
1683B001	1703B001	ORIGINAL BOREHOLE NUMBER - 1
1683B002	1703B002	ORIGINAL BOREHOLE NUMBER - 2
1683B003	1703B003	ORIGINAL BOREHOLE NUMBER - 3
1683B004	1703B004	ORIGINAL BOREHOLE NUMBER - 4
1683B01A	1704B001	ORIGINAL BOREHOLE NUMBER - 1
1683B02A	1704B02A	ORIGINAL BOREHOLE NUMBER - 2
1683B03A	1704B03A	ORIGINAL BOREHOLE NUMBER - 3
1683B04A	1704B04A	ORIGINAL BOREHOLE NUMBER - 4
1796B133	n/a	ORIGINAL BOREHOLE NUMBER 78-133
1871B134	n/a	ORIGINAL BOREHOLE NUMBER 78-134
1892T171	1903T171	ORIGINAL TEST PIT NUMBER - 171
1892T172	1903T172	ORIGINAL TEST PIT NUMBER - 172
1946T167	1947T167	ORIGINAL TEST PIT NUMBER - 167
1946T168	1947T168	ORIGINAL TEST PIT NUMBER - 168
1946T169	1947T169	ORIGINAL TEST PIT NUMBER - 169
1946T170	1947T170	ORIGINAL TEST PIT NUMBER - 170
1977B135	n/a	ORIGINAL BOREHOLE NUMBER 78-135
1991B137	n/a	ORIGINAL BOREHOLE NUMBER 78-137
2007B138	n/a	ORIGINAL BOREHOLE NUMBER 78-138
2038B139	n/a	ORIGINAL BOREHOLE NUMBER 78-139
2060B140	n/a	ORIGINAL BOREHOLE NUMBER 78-140
2108T160	2108T160	ORIGINAL TEST PIT NUMBER - 160
2108T161	2108T161	ORIGINAL TEST PIT NUMBER - 161
2108T162	2108T162	ORIGINAL TEST PIT NUMBER - 162
2108T163	2108T163	ORIGINAL TEST PIT NUMBER - 163
2108T164	2108T164	ORIGINAL TEST PIT NUMBER - 164
2108T165	2108T165	ORIGINAL TEST PIT NUMBER - 165
2108T166	2108T166	ORIGINAL TEST PIT NUMBER - 166
2197B143	n/a	ORIGINAL BOREHOLE NUMBER 78-143
2288B144	n/a	ORIGINAL BOREHOLE NUMBER 78-144
2299B145	n/a	ORIGINAL BOREHOLE NUMBER 78-145
2350B001	2314B001	ORIGINAL BOREHOLE NUMBER - 1
2350B002	2316B002	ORIGINAL BOREHOLE NUMBER - 2
2350B003	2316B003	ORIGINAL BOREHOLE NUMBER - 3
2350B004	2316B004	ORIGINAL BOREHOLE NUMBER - 4
2350B005	2316B005	ORIGINAL BOREHOLE NUMBER - 5
2350B006	2316B006	ORIGINAL BOREHOLE NUMBER - 6
2350B01A	2316B001	ORIGINAL BOREHOLE NUMBER - 1
2350B01B	2325B001	ORIGINAL BOREHOLE NUMBER - 1
2350B01C	2342B001	ORIGINAL BOREHOLE NUMBER - 1
2350B02A	2325B02A	ORIGINAL BOREHOLE NUMBER - 2
2350B02B	2342B002	ORIGINAL BOREHOLE NUMBER - 2

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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
2350B03A	2342B003	ORIGINAL BOREHOLE NUMBER - 3
2350T155	2398T155	ORIGINAL TEST PIT NUMBER - 155
2350T156	2389T156	ORIGINAL TEST PIT NUMBER - 156
2350T157	2389T157	ORIGINAL TEST PIT NUMBER - 157
2350T158	2389T158	ORIGINAL TEST PIT NUMBER - 158
2359B148	n/a	ORIGINAL BOREHOLE NUMBER 78-148
2372B149	n/a	ORIGINAL BOREHOLE NUMBER 78-149
2428B150	n/a	ORIGINAL BOREHOLE NUMBER 78-150
2440B001	2448B001	ORIGINAL BOREHOLE NUMBER - 1
2507B152	n/a	ORIGINAL BOREHOLE NUMBER 78-152
2572B155	n/a	ORIGINAL BOREHOLE NUMBER 78-155
3420B003	3424B003	ORIGINAL BOREHOLE NUMBER - 3
3420B016	3424B016	ORIGINAL BOREHOLE NUMBER - 16
3420B021	3424B021	ORIGINAL BOREHOLE NUMBER - 21
3420B022	3424B022	ORIGINAL BOREHOLE NUMBER - 22
3420B023	3424B023	ORIGINAL BOREHOLE NUMBER - 23
3420B025	3424B025	ORIGINAL BOREHOLE NUMBER - 25
3420B030	3424B030	ORIGINAL BOREHOLE NUMBER - 30
3420B031	3424B031	ORIGINAL BOREHOLE NUMBER - 31
3420B032	3424B032	ORIGINAL BOREHOLE NUMBER - 32
3420B037	3424B037	ORIGINAL BOREHOLE NUMBER - 37
3420B038	3424B038	ORIGINAL BOREHOLE NUMBER - 38
3420B040	3424B040	ORIGINAL BOREHOLE NUMBER - 40
3420B053	3424B053	ORIGINAL BOREHOLE NUMBER - 53
3420B054	3424B054	ORIGINAL BOREHOLE NUMBER - 54
3420B080	3424B080	ORIGINAL BOREHOLE NUMBER - 82
3420B082	3424B082	ORIGINAL BOREHOLE NUMBER - 82
3420B084	3424B084	ORIGINAL BOREHOLE NUMBER - 84
3420B108	3424B108	ORIGINAL BOREHOLE NUMBER - 108
3420B110	3424B110	ORIGINAL BOREHOLE NUMBER - 110
3524B163	n/a	ORIGINAL BOREHOLE NUMBER 78-163
3778B001	n/a	ORIGINAL BOREHOLE NUMBER 1
3778B002	n/a	ORIGINAL BOREHOLE NUMBER 2
3778B003	n/a	ORIGINAL BOREHOLE NUMBER 3
3778B004	n/a	ORIGINAL BOREHOLE NUMBER 4
3778B005	n/a	ORIGINAL BOREHOLE NUMBER 5
3778B006	n/a	ORIGINAL BOREHOLE NUMBER 6
3778B007	n/a	ORIGINAL BOREHOLE NUMBER 7
3778B008	n/a	ORIGINAL BOREHOLE NUMBER 8
3778BR11	n/a	ORIGINAL BOREHOLE NUMBER LR-11
3778BR12	n/a	ORIGINAL BOREHOLE NUMBER LR-12
3778BR13	n/a	ORIGINAL BOREHOLE NUMBER LR-13
3778BR14	n/a	ORIGINAL BOREHOLE NUMBER LR-14
3780BNE3	n/a	ORIGINAL BOREHOLE NUMBER DNE3
3788BNE6	n/a	ORIGINAL BOREHOLE NUMBER DNE6
3788BNE7	n/a	ORIGINAL BOREHOLE NUMBER DNE7
3788BNE8	n/a	ORIGINAL BOREHOLE NUMBER DNE8
3788BNE9	n/a	ORIGINAL BOREHOLE NUMBER DNE9
3810B166	n/a	ORIGINAL BOREHOLE NUMBER 78-166
3815B167	n/a	ORIGINAL BOREHOLE NUMBER 78-167
3911B058	n/a	ORIGINAL BOREHOLE NUMBER NW-58
3936B049	n/a	ORIGINAL BOREHOLE NUMBER NW-49
4170B002	4180B002	ORIGINAL BOREHOLE NUMBER - 259-B-2
4230B001	4230B001	ORIGINAL BOREHOLE NUMBER - 263-B-1
4230B002	4230B002	ORIGINAL BOREHOLE NUMBER - 263-B-2
4230B01A	4230B01A	ORIGINAL BOREHOLE NUMBER - 262-B-1
4329B002	4360B002	ORIGINAL BOREHOLE NUMBER - 270-B-RR2
4329B003	4360B003	ORIGINAL BOREHOLE NUMBER - 270-B-RR3
4329B004	4350B004	ORIGINAL BOREHOLE NUMBER - 270-B-RR4
4329B006	4360B006	ORIGINAL BOREHOLE NUMBER - 270-B-RR6
4329B007	4360B007	ORIGINAL BOREHOLE NUMBER - 271-B-RR7
4329B008	4360B008	ORIGINAL BOREHOLE NUMBER - 271-B-RR8
4329B009	4360B009	ORIGINAL BOREHOLE NUMBER - 271-B-RR9
4329B010	4360B010	ORIGINAL BOREHOLE NUMBER - 271-B-RR10
4329B016	4360B016	ORIGINAL BOREHOLE NUMBER - 270-B-RR16
4329B017	4360B017	ORIGINAL BOREHOLE NUMBER - 270-B-RR17
4329B018	4360B018	ORIGINAL BOREHOLE NUMBER - 270-B-RR18
4329B019	4360B019	ORIGINAL BOREHOLE NUMBER - 270-B-RR19

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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
4329B171	n/a	ORIGINAL BOREHOLE NUMBER 78-171
4359B172	n/a	ORIGINAL BOREHOLE NUMBER 78-172
4460B001	4490B001	ORIGINAL BOREHOLE NUMBER - 279-C-NC1
4460B002	4490B002	ORIGINAL BOREHOLE NUMBER - 277-B-SC2
4460B003	4470B003	ORIGINAL BOREHOLE NUMBER - 277-B-SC3
4460B004	4470B004	ORIGINAL BOREHOLE NUMBER - 277-B-SC4
4460B005	4470B005	ORIGINAL BOREHOLE NUMBER - 277-B-SC5
4460B02A	4490B002	ORIGINAL BOREHOLE NUMBER - 278-B-NC2
4460B03A	4490B003	ORIGINAL BOREHOLE NUMBER - 278-B-NCB
4460B04A	4490B004	ORIGINAL BOREHOLE NUMBER - 278-B-NC4
4460B05A	4490B005	ORIGINAL BOREHOLE NUMBER - 278-B-NC5
4460T149	4426T149	ORIGINAL TEST PIT NUMBER - 149
4460T150	4426T150	ORIGINAL TEST PIT NUMBER - 150
4460T151	4426T151	ORIGINAL TEST PIT NUMBER - 151
4460T152	4426T152	ORIGINAL TEST PIT NUMBER - 152
4460T153	4426T153	ORIGINAL TEST PIT NUMBER - 153
4460T154	4426T154	ORIGINAL TEST PIT NUMBER - 154
4650B174	n/a	ORIGINAL BOREHOLE NUMBER 78-174
4667B176	n/a	ORIGINAL BOREHOLE NUMBER 78-177
4668B175	n/a	ORIGINAL BOREHOLE NUMBER 78-175
4999B179	n/a	ORIGINAL BOREHOLE NUMBER 78-179
5088B001	5128B001	ORIGINAL BOREHOLE NUMBER - 1
5088B002	5128B002	ORIGINAL BOREHOLE NUMBER - 2
5088B003	5128B003	ORIGINAL BOREHOLE NUMBER - 3
5088B004	5128B004	ORIGINAL BOREHOLE NUMBER - 4
5088B005	5218B005	ORIGINAL BOREHOLE NUMBER - 5
5088B006	5128B006	ORIGINAL BOREHOLE NUMBER - 6
5088B007	5128B007	ORIGINAL BOREHOLE NUMBER - 7
5088B008	5128B008	ORIGINAL BOREHOLE NUMBER - 8
5088B009	5128B009	ORIGINAL BOREHOLE NUMBER - 9
5088B010	5128B010	ORIGINAL BOREHOLE NUMBER - 10
5088B011	5128B011	ORIGINAL BOREHOLE NUMBER - 11
5088B312	5128B312	ORIGINAL BOREHOLE NUMBER - 312
5088B313	5128B313	ORIGINAL BOREHOLE NUMBER - 313
5088B314	5128B314	ORIGINAL BOREHOLE NUMBER - 314
5088B315	5128B315	ORIGINAL BOREHOLE NUMBER - 315
5088B316	5128B316	ORIGINAL BOREHOLE NUMBER - 316
5088B317	5128B317	ORIGINAL BOREHOLE NUMBER - 317
5088B318	5128B318	ORIGINAL BOREHOLE NUMBER - 318
5088B319	5128B319	ORIGINAL BOREHOLE NUMBER - 319
5088B320	5128B320	ORIGINAL BOREHOLE NUMBER - 320
5088B321	5128B321	ORIGINAL BOREHOLE NUMBER - 321
5088B322	5128B322	ORIGINAL BOREHOLE NUMBER - 322
5088B323	5128B323	ORIGINAL BOREHOLE NUMBER - 323
5088B590	5128B590	ORIGINAL BOREHOLE NUMBER - 1590
5088B593	5128B593	ORIGINAL BOREHOLE NUMBER - 1593
5088B595	5128B595	ORIGINAL BOREHOLE NUMBER - 1595
5456B220	5680B220	ORIGINAL BOREHOLE NUMBER - R-220
5456B221	5680B221	ORIGINAL BOREHOLE NUMBER - R-221
5677B041	5713B041	ORIGINAL BOREHOLE NUMBER - 41
5677B189	5713B189	ORIGINAL BOREHOLE NUMBER - R-189
5677B190	5713B190	ORIGINAL BOREHOLE NUMBER - R-190
5677B191	5713B191	ORIGINAL BOREHOLE NUMBER - R-191
5677B192	5713B192	ORIGINAL BOREHOLE NUMBER - R-192
5677B193	5713B193	ORIGINAL BOREHOLE NUMBER - R-193
5677B194	5713B194	ORIGINAL BOREHOLE NUMBER - R-194
5677B195	5713B195	ORIGINAL BOREHOLE NUMBER - R-195
5677B197	5713B197	ORIGINAL BOREHOLE NUMBER - R-197
5677B198	5713B198	ORIGINAL BOREHOLE NUMBER - R-198
5677B200	5713B200	ORIGINAL BOREHOLE NUMBER - R-200
5677B201	5713B201	ORIGINAL BOREHOLE NUMBER - R-201
5677B202	5713B202	ORIGINAL BOREHOLE NUMBER - R-202
5677B203	5713B203	ORIGINAL BOREHOLE NUMBER - R-203
5677B205	5713B205	ORIGINAL BOREHOLE NUMBER - R-205
5677B206	5713B206	ORIGINAL BOREHOLE NUMBER - R-206
5677B208	5713B208	ORIGINAL BOREHOLE NUMBER - R-208
5677B314	5713B314	ORIGINAL BOREHOLE NUMBER - R-314
5677B315	5713B315	ORIGINAL BOREHOLE NUMBER - R-315

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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
5677B316	5713B316	ORIGINAL BOREHOLE NUMBER - R-316
5677B317	5713B317	ORIGINAL BOREHOLE NUMBER - R-317
5677B319	5713B319	ORIGINAL BOREHOLE NUMBER - R-319
5677B320	5713B320	ORIGINAL BOREHOLE NUMBER - R-320
5677B324	5713B324	ORIGINAL BOREHOLE NUMBER - R-324
5677B327	5713B327	ORIGINAL BOREHOLE NUMBER - R-327
5677B332	5713B332	ORIGINAL BOREHOLE NUMBER - R-332
5677B334	5713B334	ORIGINAL BOREHOLE NUMBER - R-334
5832B001	5620B001	ORIGINAL BOREHOLE NUMBER - 653-1
5832B01A	5650B001	ORIGINAL BOREHOLE NUMBER - 652-1
5832B071	5892B071	ORIGINAL BOREHOLE NUMBER - 71
5832B072	5892B072	ORIGINAL BOREHOLE NUMBER - 72
5832B083	5838B083	ORIGINAL BOREHOLE NUMBER - 83
5832B109	5878B109	ORIGINAL BOREHOLE NUMBER - R-109
5832B148	5892B148	ORIGINAL BOREHOLE NUMBER - R-148
5832B150	5892B150	ORIGINAL BOREHOLE NUMBER - R-150
5832B236	5892B236	ORIGINAL BOREHOLE NUMBER - C-236
5832B237	5892B237	ORIGINAL BOREHOLE NUMBER - R-237
5832B240	5892B240	ORIGINAL BOREHOLE NUMBER - R-240
5832B241	5892B241	ORIGINAL BOREHOLE NUMBER - R-241
5832B242	5892B242	ORIGINAL BOREHOLE NUMBER - R-242
5832B243	5892B243	ORIGINAL BOREHOLE NUMBER - C-243
5832B244	5892B244	ORIGINAL BOREHOLE NUMBER - R-244
5832B245	5892B245	ORIGINAL BOREHOLE NUMBER - R-245
5832B246	5892B246	ORIGINAL BOREHOLE NUMBER - R-246
5832B249	5878B249	ORIGINAL BOREHOLE NUMBER - R-249
5832B250	5878B250	ORIGINAL BOREHOLE NUMBER - R-250
5832B251	5878B251	ORIGINAL BOREHOLE NUMBER - R-251
5832B252	5838B252	ORIGINAL BOREHOLE NUMBER - R-252
5832B253	5858B253	ORIGINAL BOREHOLE NUMBER - R-253
5832B255	5858B255	ORIGINAL BOREHOLE NUMBER - R-255
5832B256	5858B256	ORIGINAL BOREHOLE NUMBER - R-256
5832B257	5858B257	ORIGINAL BOREHOLE NUMBER - R-257
5832B258	5858B258	ORIGINAL BOREHOLE NUMBER - R-258
5832B259	5858B259	ORIGINAL BOREHOLE NUMBER - R-259
5832B262	5858B262	ORIGINAL BOREHOLE NUMBER - R-262
5832B267	5868B267	ORIGINAL BOREHOLE NUMBER - R-267
5832B268	5868B268	ORIGINAL BOREHOLE NUMBER - R-268
5832B269	5868B269	ORIGINAL BOREHOLE NUMBER - R-269
5832B270	5868B270	ORIGINAL BOREHOLE NUMBER - R-270
5832B271	5868B271	ORIGINAL BOREHOLE NUMBER - R-271
5832B274	5868B274	ORIGINAL BOREHOLE NUMBER - R-274
5832B275	5868B275	ORIGINAL BOREHOLE NUMBER - R-275
5832B341	5831B341	ORIGINAL BOREHOLE NUMBER - R-341
5832B342	5831B342	ORIGINAL BOREHOLE NUMBER - R-342
5832B343	5831B343	ORIGINAL BOREHOLE NUMBER - R-343
5832T00A	5650T00A	ORIGINAL TEST PIT NUMBER - 652-A
5832T00B	5650T00B	ORIGINAL TEST PIT NUMBER - 652-B
5850B190	n/a	ORIGINAL BOREHOLE NUMBER 78-190
5910B001	5880B001	ORIGINAL BOREHOLE NUMBER - 650-1
5910B002	5880B002	ORIGINAL BOREHOLE NUMBER - 650-2
5910B003	5880B003	ORIGINAL BOREHOLE NUMBER - 650-3
5910B004	5880B004	ORIGINAL BOREHOLE NUMBER - 650-4
5910B005	5880B005	ORIGINAL BOREHOLE NUMBER - 650-5
5990B045	6010B045	ORIGINAL BOREHOLE NUMBER - R-45
5990B046	6010B046	ORIGINAL BOREHOLE NUMBER - R-46
5990B047	6010B047	ORIGINAL BOREHOLE NUMBER - R-47
5990B048	6010B048	ORIGINAL BOREHOLE NUMBER - R-48
5990B106	6010B106	ORIGINAL BOREHOLE NUMBER - 106
6090B001	6100B001	ORIGINAL BOREHOLE NUMBER - R-1
6090B002	6100B002	ORIGINAL BOREHOLE NUMBER - R-2
6090B003	6100B003	ORIGINAL BOREHOLE NUMBER - R-3
6090B011	6100B011	ORIGINAL BOREHOLE NUMBER - R-11
6090B139	6100B139	ORIGINAL BOREHOLE NUMBER - R-139
6090B141	6100B141	ORIGINAL BOREHOLE NUMBER - R-141
6090B142	6100B142	ORIGINAL BOREHOLE NUMBER - R-142
6113B012	6140B012	ORIGINAL BOREHOLE NUMBER - S-12
6480B195	n/a	ORIGINAL BOREHOLE NUMBER 78-195

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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
6670B197	n/a	ORIGINAL BOREHOLE NUMBER 78-197
6700B264	6726B264	ORIGINAL BOREHOLE NUMBER - S-264
6700B265	6726B265	ORIGINAL BOREHOLE NUMBER - S-265
6700B266	6726B266	ORIGINAL BOREHOLE NUMBER - S-266
6700B267	6726B267	ORIGINAL BOREHOLE NUMBER - S-267
6700B268	6726B268	ORIGINAL BOREHOLE NUMBER - S-268
6700B269	6726B269	ORIGINAL BOREHOLE NUMBER - S-269
6700B270	6726B270	ORIGINAL BOREHOLE NUMBER - S-270
6700B271	6726B271	ORIGINAL BOREHOLE NUMBER - S-271
6700B272	6726B272	ORIGINAL BOREHOLE NUMBER - S-272
6720B062	6750B062	ORIGINAL BOREHOLE NUMBER - C-62A
6720B066	6750B066	ORIGINAL BOREHOLE NUMBER - C-66A
6720B067	6750B067	ORIGINAL BOREHOLE NUMBER C-67
6720B068	6762B068	ORIGINAL BOREHOLE NUMBER - C-68
6720B069	6762B069	ORIGINAL BOREHOLE NUMBER - C-69
6720B071	6762B071	ORIGINAL BOREHOLE NUMBER - C-71
6720B076	6762B076	ORIGINAL BOREHOLE NUMBER - C-76
6720B094	6790B094	ORIGINAL BOREHOLE NUMBER - 94
6720B224	6742B224	ORIGINAL BOREHOLE NUMBER - 224
6720B231	6762B231	ORIGINAL BOREHOLE NUMBER - 231
6720B278	6742B278	ORIGINAL BOREHOLE NUMBER - S-278
6720B279	6742B279	ORIGINAL BOREHOLE NUMBER - S-279
6720B280	6742B280	ORIGINAL BOREHOLE NUMBER - S-280
6720B281	6742B281	ORIGINAL BOREHOLE NUMBER - S-281
6720B283	6742B283	ORIGINAL BOREHOLE NUMBER - S-283
6720B285	6742B285	ORIGINAL BOREHOLE NUMBER - S-285
6720B286	6742B286	ORIGINAL BOREHOLE NUMBER - S-286
6800B083	6827B083	ORIGINAL BOREHOLE NUMBER - 83
6800B085	6827B085	ORIGINAL BOREHOLE NUMBER - 85
6800B109	6827B109	ORIGINAL BOREHOLE NUMBER - C-109
6800B110	6827B110	ORIGINAL BOREHOLE NUMBER - C-110
6800B111	6827B111	ORIGINAL BOREHOLE NUMBER - C-111
6900B057	6934B057	ORIGINAL BOREHOLE NUMBER - 57
6900B059	6934B059	ORIGINAL BOREHOLE NUMBER - 59
6900B064	6934B064	ORIGINAL BOREHOLE NUMBER - 64
6900B077	6869B077	ORIGINAL BOREHOLE NUMBER - 77
6900B131	6869B131	ORIGINAL BOREHOLE NUMBER - C-131
6900B151	6934B151	ORIGINAL BOREHOLE NUMBER - C-151
6900B153	6934B153	ORIGINAL BOREHOLE NUMBER - C-153
6900B156	6934B156	ORIGINAL BOREHOLE NUMBER - C-156
6900B158	6934B158	ORIGINAL BOREHOLE NUMBER - C-158
6900B199	n/a	ORIGINAL BOREHOLE NUMBER 78-199
7060B130	7043B130	ORIGINAL BOREHOLE NUMBER - 130
7060B132	7047B132	ORIGINAL BOREHOLE NUMBER - 132
7060B133	7043B133	ORIGINAL BOREHOLE NUMBER - 133
7060B135	7043B135	ORIGINAL BOREHOLE NUMBER - 135
7060B139	7059B139	ORIGINAL BOREHOLE NUMBER - 139
7060B147	7075B147	ORIGINAL BOREHOLE NUMBER - 147
7060B148	7081B148	ORIGINAL BOREHOLE NUMBER - 148
7060B149	7081B149	ORIGINAL BOREHOLE NUMBER - 149
7060B150	7081B150	ORIGINAL BOREHOLE NUMBER - 150
7060B152	7081B152	ORIGINAL BOREHOLE NUMBER - 152
7060B153	7081B153	ORIGINAL BOREHOLE NUMBER - 153
7060B245	7081B245	ORIGINAL BOREHOLE NUMBER - C-245
7060B246	7081B246	ORIGINAL BOREHOLE NUMBER - C-246
7060B248	7081B248	ORIGINAL BOREHOLE NUMBER - C-248
7060B249	7081B249	ORIGINAL BOREHOLE NUMBER - C-249
7060B250	7081B250	ORIGINAL BOREHOLE NUMBER - C-250
7060B251	7081B251	ORIGINAL BOREHOLE NUMBER - C-251
7060B252	7081B252	ORIGINAL BOREHOLE NUMBER - C-252
7060B254	7081B254	ORIGINAL BOREHOLE NUMBER - C-254
7060B255	7081B255	ORIGINAL BOREHOLE NUMBER - C-255
7060B257	7081B257	ORIGINAL BOREHOLE NUMBER - C-257
7060B258	7043B258	ORIGINAL BOREHOLE NUMBER - C-258
7060B260	7043B260	ORIGINAL BOREHOLE NUMBER - C-260
7060B261	7043B261	ORIGINAL BOREHOLE NUMBER - C-261
7060B262	7043B262	ORIGINAL BOREHOLE NUMBER - C-262
7060B263	7043B263	ORIGINAL BOREHOLE NUMBER - C-263

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SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
7060B264	7043B264	ORIGINAL BOREHOLE NUMBER - C-264
7060B265	7043B265	ORIGINAL BOREHOLE NUMBER - C-265
7060B266	7043B266	ORIGINAL BOREHOLE NUMBER - C-266
7060B267	7043B267	ORIGINAL BOREHOLE NUMBER - C-267
7060B268	7043B268	ORIGINAL BOREHOLE NUMBER - C-268
7060B270	7043B270	ORIGINAL BOREHOLE NUMBER - C-270
7060B271	7043B271	ORIGINAL BOREHOLE NUMBER - C-271
7060B272	7047B272	ORIGINAL BOREHOLE NUMBER - C-272
7060B273	7047B273	ORIGINAL BOREHOLE NUMBER - C-273
7060B278	7075B278	ORIGINAL BOREHOLE NUMBER - C-278
7060B279	7075B279	ORIGINAL BOREHOLE NUMBER - C-279
7124B154	7082B154	ORIGINAL BOREHOLE NUMBER - 154
7124B155	7089B155	ORIGINAL BOREHOLE NUMBER - 155
7124B156	7089B156	ORIGINAL BOREHOLE NUMBER - 156
7124B164	7103B164	ORIGINAL BOREHOLE NUMBER - 164
7124B165	7103B165	ORIGINAL BOREHOLE NUMBER - 165
7124B168	7113B168	ORIGINAL BOREHOLE NUMBER - 168
7124B170	7125B170	ORIGINAL BOREHOLE NUMBER - 170
7124B172	7125B172	ORIGINAL BOREHOLE NUMBER - 172
7124B215	7113B215	ORIGINAL BOREHOLE NUMBER - C-215
7124B222	7103B222	ORIGINAL BOREHOLE NUMBER - C-222
7124B223	7103B223	ORIGINAL BOREHOLE NUMBER - C-223
7124B225	7103B225	ORIGINAL BOREHOLE NUMBER - C-225
7124B230	7103B230	ORIGINAL BOREHOLE NUMBER - C-230
7124B233	7089B233	ORIGINAL BOREHOLE NUMBER - C-233
7124B234	7089B234	ORIGINAL BOREHOLE NUMBER - C-234
7124B235	7089B235	ORIGINAL BOREHOLE NUMBER - C-235
7124B236	7089B236	ORIGINAL BOREHOLE NUMBER - C-236
7124B239	7089B239	ORIGINAL BOREHOLE NUMBER - C-239
7124B243	7089B243	ORIGINAL BOREHOLE NUMBER - C-243
7124T453	7110T453	ORIGINAL TEST PIT NUMBER - 453-A
7154B040	7154B040	ORIGINAL BOREHOLE NUMBER - 40