

EBA Engineering Consultants Ltd.

Civil, Geotechnical and Materials Engineers



A

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

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



D005387



EBA Engineering Consultants Ltd.

Civil, Geotechnical and Materials Engineers

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

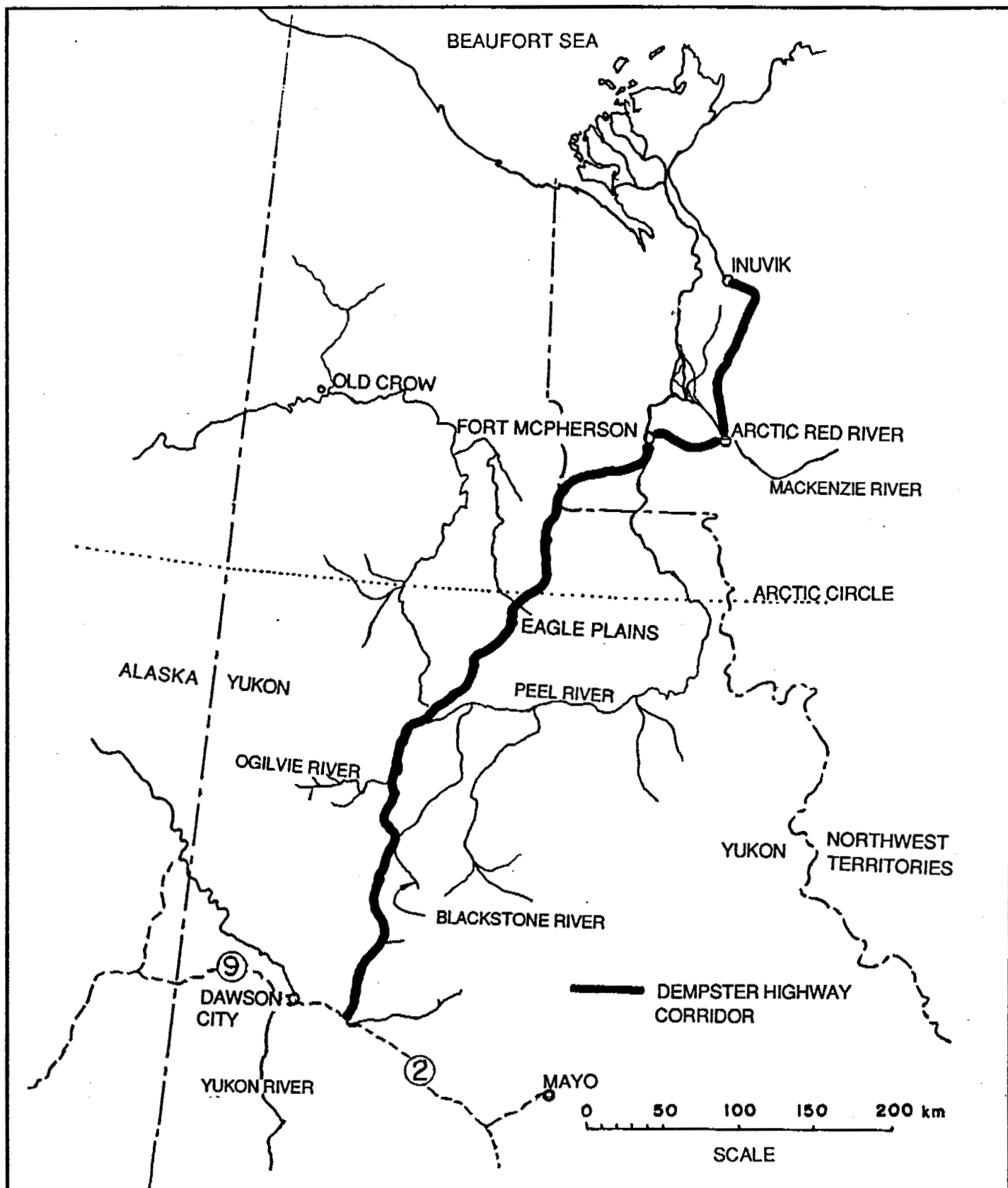
The Yukon portion of the Dempster Highway was re-posted in late 1988. The kilometre posts used to locate the sources are summarized in Appendix D. These Tables were produced by the Yukon Government, and KP's on the NWT side were calculated using the YT/NWT border as km 465.

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		
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 is 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



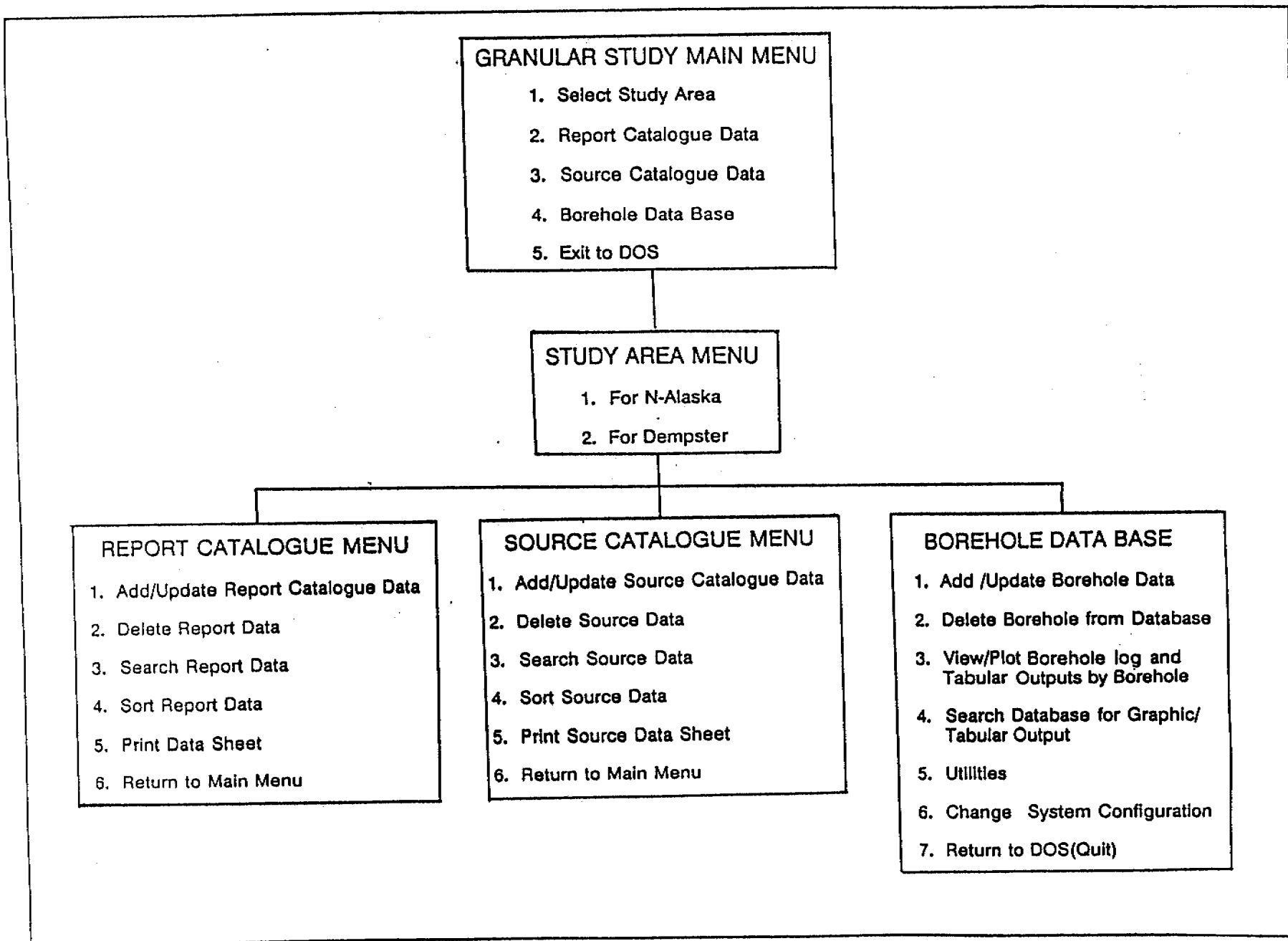


FIGURE 2

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



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 be 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 otherwise 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

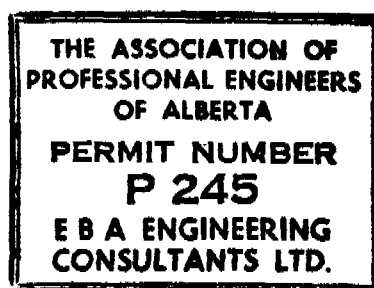
Design bearing capacities, loads and allowable stresses quoted in this report relate to a specific soil type and soil condition. Construction activity and environmental circumstances can materially change a soil condition. The elevation at which a soil type occurs is variable. It is a requirement of 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

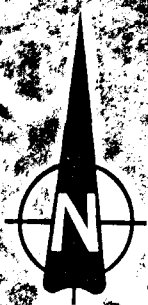
GRANULAR SOURCE LOCATION MAPS

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





0019.4L

0017.7L

0014.6L

0012.5R

0011.4B

0010.9L

6 MILE CREEK

0009.2L

0007.8R

0007.2L

0006.6L

0006.7R

0005.1R

0003.3R

NORTH KLONDIKE RIVER

NORTH FORK ROAD

0001.1L

0001.1L

0001.3B

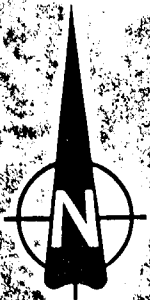
SCALE: APPROX. 1:50,000

KLONDIKE HIGHWAY

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 0.0 to 20.0



4989-A-01



BENSON CREEK

0028.4R

0026.7R

NORTH KLONDIKE RIVER

GLACIER CREEK

0024.3L

0022.4L

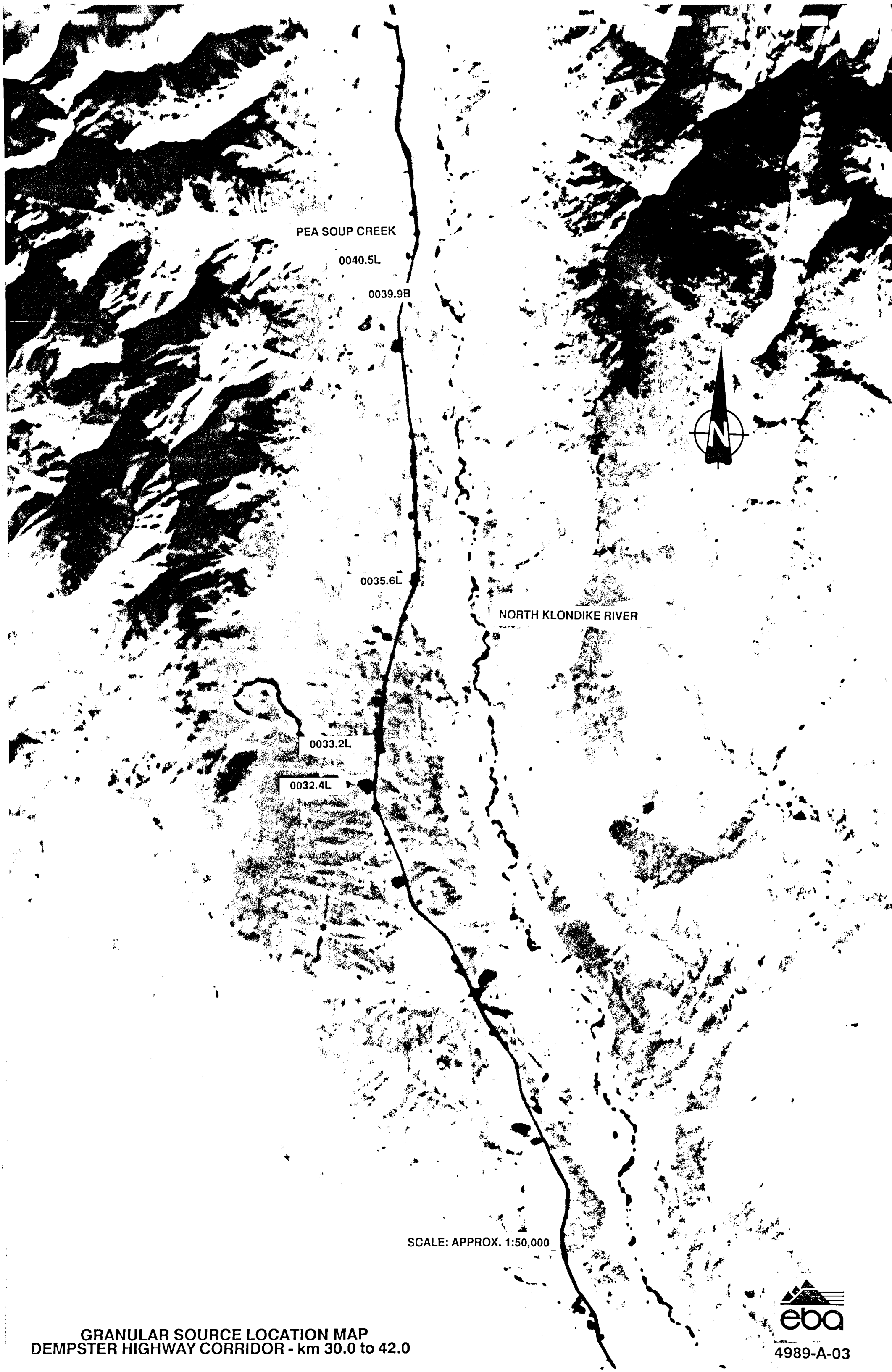
0021.7L

SCALE: APPROX. 1:50,000

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



4989-A-02



PEA SOUP CREEK

0040.5L

0039.9B

0035.6L

NORTH KLONDIKE RIVER

0033.2L

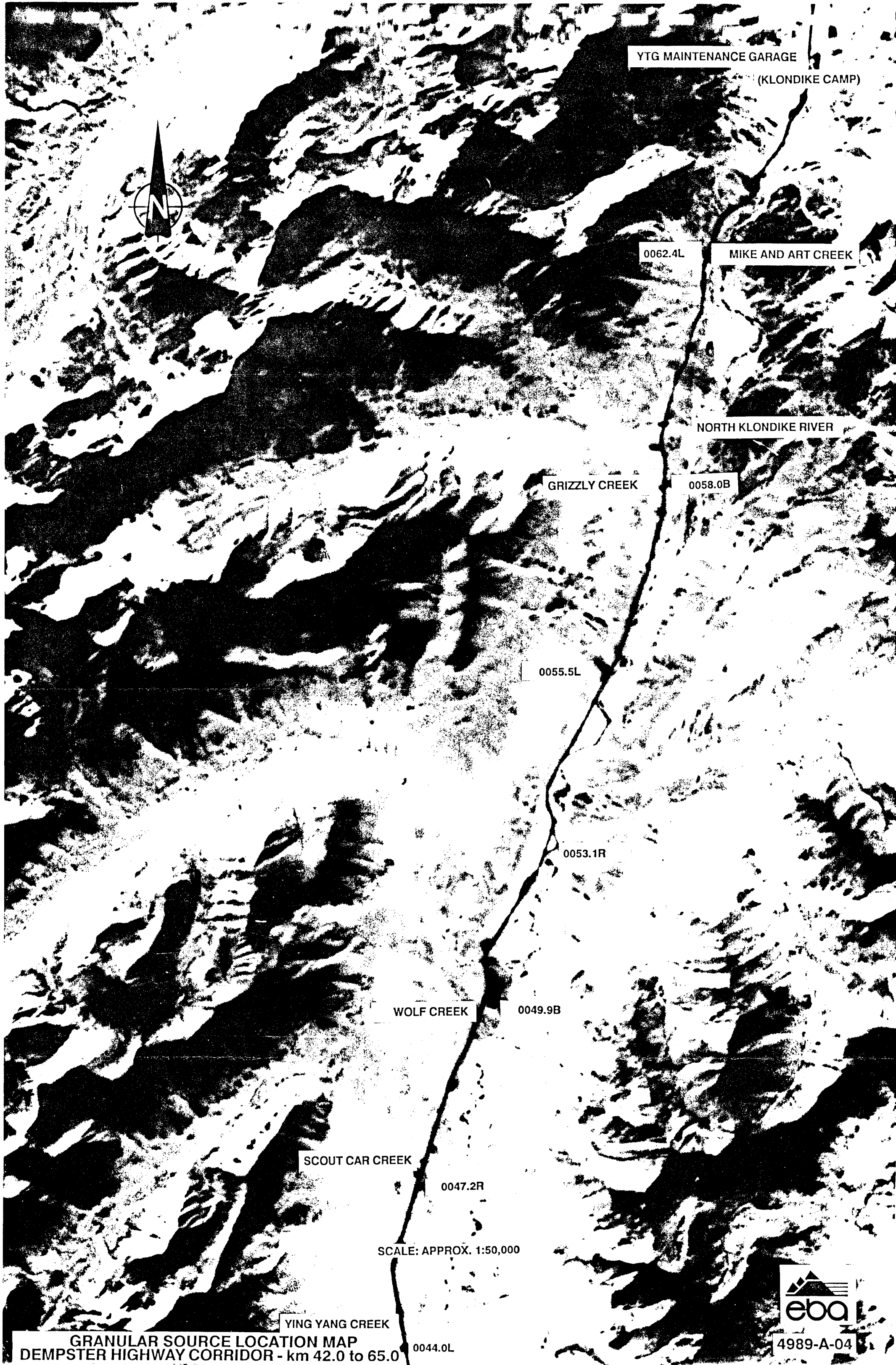
0032.4L

SCALE: APPROX. 1:50,000

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



4989-A-03



YTG MAINTENANCE GARAGE
(KLONDIKE CAMP)



0062.4L MIKE AND ART CREEK

NORTH KLONDIKE RIVER

GRIZZLY CREEK 0058.0B

0055.5L

0053.1R

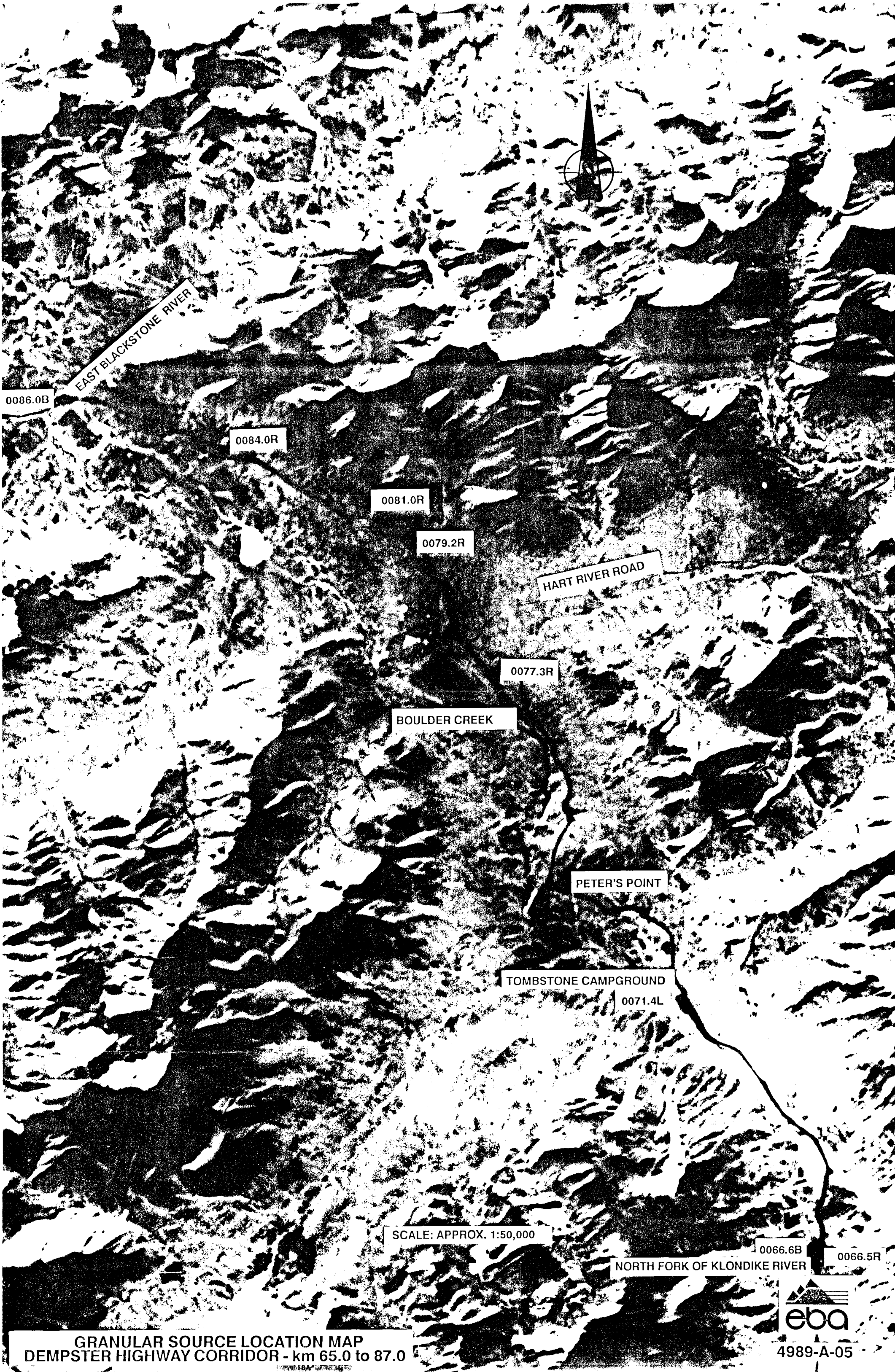
WOLF CREEK 0049.9B

SCOUT CAR CREEK 0047.2R

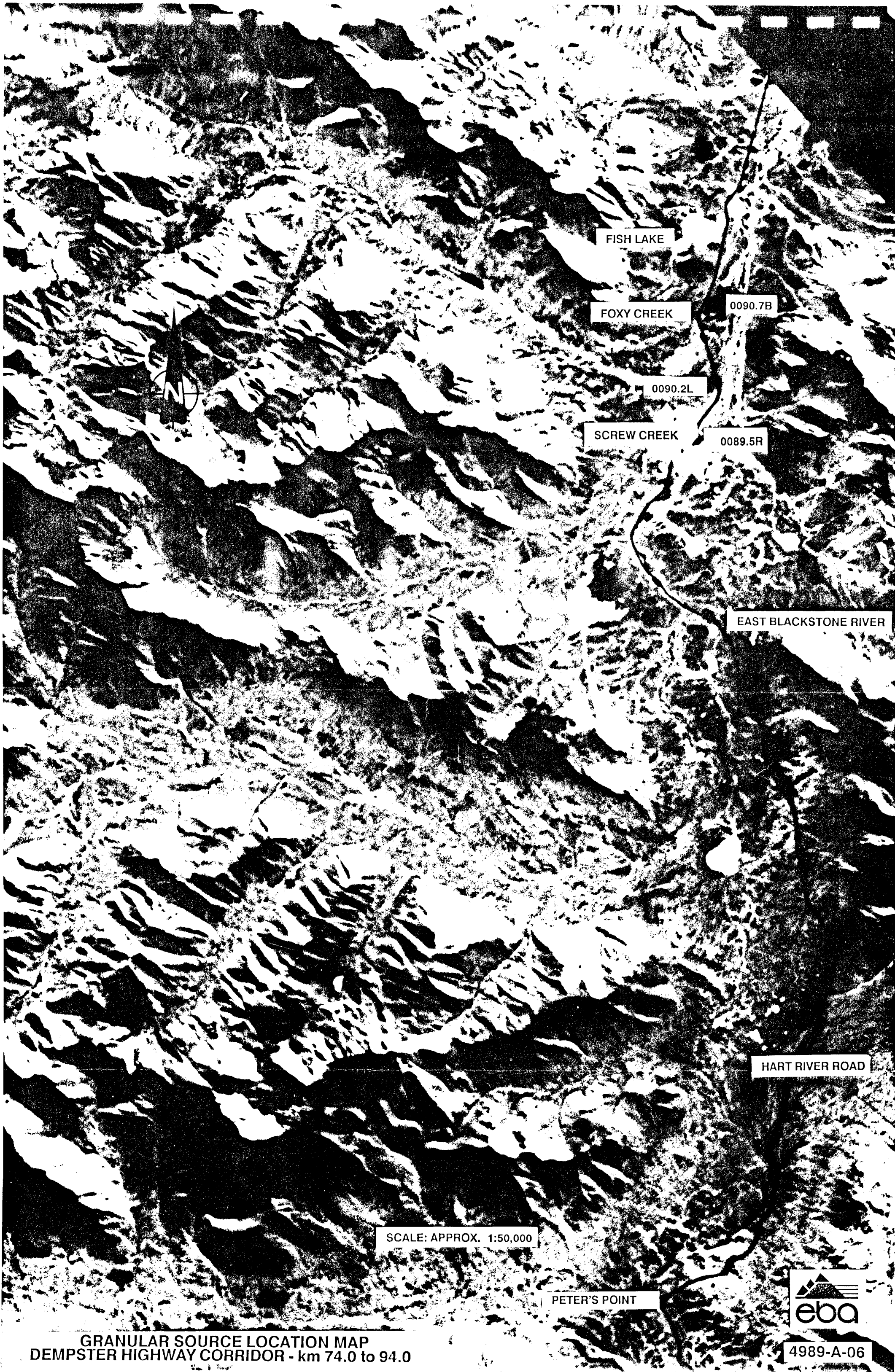
SCALE: APPROX. 1:50,000

YING YANG CREEK 0044.0L

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



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



FISH LAKE

FOXY CREEK

0090.7B

0090.2L

SCREW CREEK

0089.5R

EAST BLACKSTONE RIVER

HART RIVER ROAD

SCALE: APPROX. 1:50,000

PETER'S POINT



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



4989-A-07



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

CHAPMAN LAKE

0117.0R



4989-A-08



0152.8L

0136.0L

BLACKSTONE RIVER

0131.2B

SCALE: APPROX. 1:50,000

CASH CREEK

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



4989-A-09

OLD MILE 110 GRAVEL PIT

0174.6L

RED CREEK

0168.3L

ENGINEER CREEK

0158.6L

OLD MILE 100 AIRSTRIP

0152.8L

SCALE: APPROX. 1:50,000

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



4989-A-10



OGILVIE RIVER

YTG MAINTENANCE GARAGE
(OGILVIE CAMP)

0194.6B

ENGINEER CREEK CAMPGROUND

ENGINEER CREEK

0189.2L

SULPHUR CREEK

SCALE: APPROX. 1:50,000



4989-A-11

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



CHURCHWARD HILL

OGILVIE RIVER

DAVIES CREEK

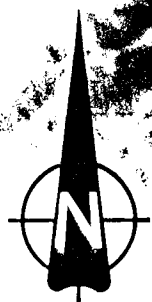
SCALE: APPROX. 1:50,000

0210.8L

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



4989-A-12



km 236.8

OLD MILE 150 AIRSTRIP

0235.0B

OGILVIE RIVER

CHURCHWARD HILL

SCALE: APPROX. 1:50,000



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

4989-A-13

HAIRY HILL

SANDSTONE QUARRY

km 260 AIRSTRIP



km 252.6 SANDSTONE QUARRY (YTG)

OGILVIE RIVER

km 244

SCALE: APPROX. 1:50,000

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



4989-A-14



SANDSTONE QUARRY

km 283 SANDSTONE QUARRY (YTG)

SANDSTONE QUARRY

SANDSTONE QUARRY

SANDSTONE QUARRY

SCALE: APPROX. 1:50,000





km 309.0 SANDSTONE QUARRY (YTG)

SANDSTONE QUARRY

SANDSTONE QUARRY

km 300.5 SANDSTONE QUARRY (YTG)

SCALE: APPROX. 1:50,000



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

4989-A-16



km 333.5 SANDSTONE QUARRY (YTG)

PARKIN AIRSTRIP

km 325 SANDSTONE QUARRY (YTG)

SCALE: APPROX. 1:50,000



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

4989-A-17

km 367.6 - TUTTLE ACCESS

CORBETT HILL

km 363.7 CRUSH PIT (EXPERIMENTAL SURFACING)



km 347 SANDSTONE QUARRY (YTG)

SCALE APPROX. 1:50,000

OLD MILE 215 CONGLOMERATE PIT

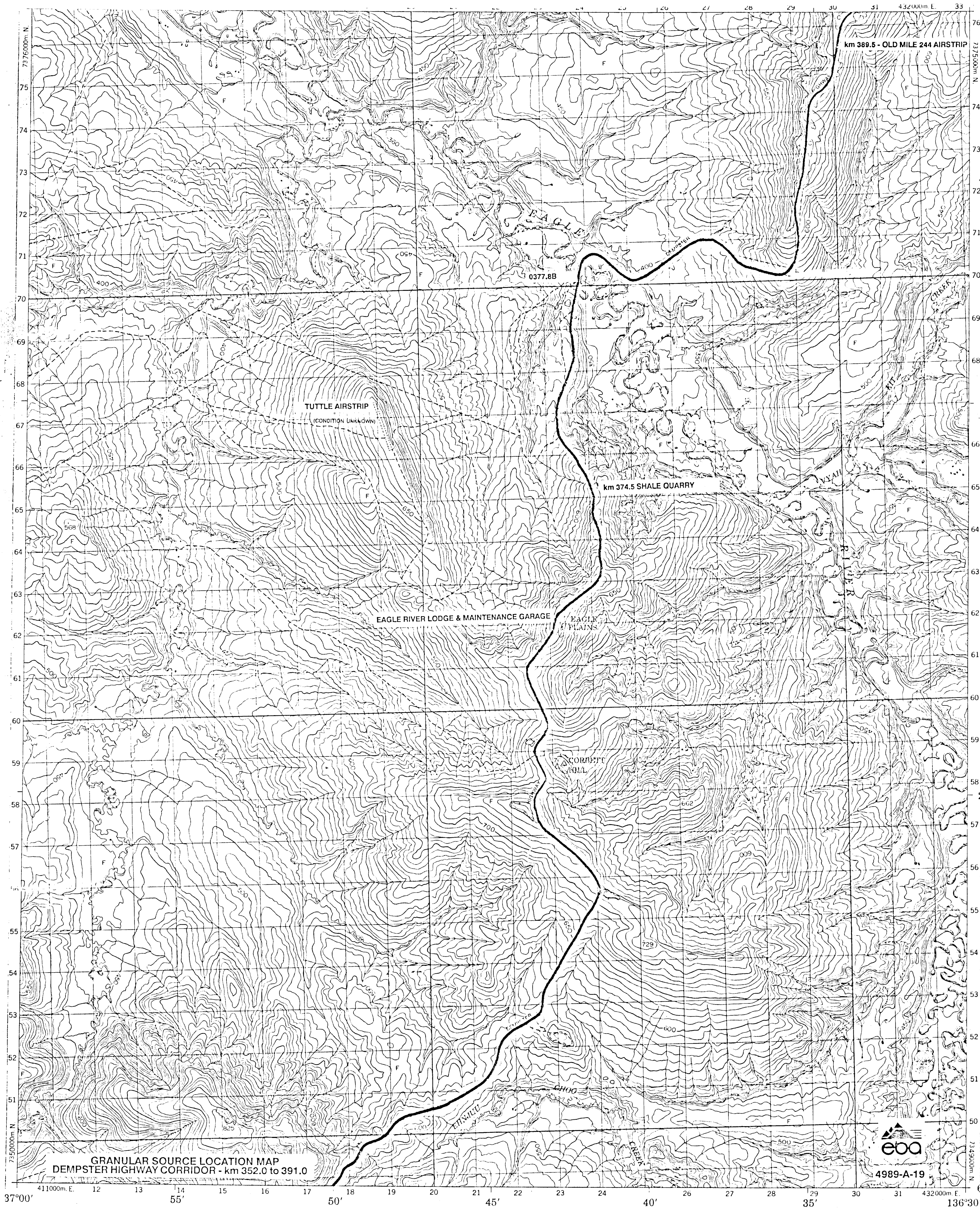
0342.0L

km 342

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



4989-A-18



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DEPARTMENT OF ENERGY, MINES AND RESOURCES
OTTAWA, PUBLISHED IN 1982
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OR YOUR NEAREST MAP DEALER
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DEPARTMENT OF ENERGY, MINES AND RESOURCES

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

ALTITUDES EN METRES
EQUIDISTANCE DES COURBES 10 METRES
SYSTEME DE REFERENCE GEODESIQUE NORD AMERICAIN 1927
PROJECTION TRANSVERSE DE MERCATOR

ÉTABLI PAR LA DIRECTION DES LEVES ET DE LA CARTO-
GRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RES-
SOURCES, OTTAWA, PUBLIÉ EN 1982
CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU
CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RES-
SOURCES, OTTAWA OU CHEZ LE VENDEUR LE PLUS PRÈS
© 1982 SA MAJESTÉ LA REINE DU CHEF DU CANADA
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GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 391.0 to 396.0



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ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL
CONTOUR INTERVAL 10 METRES
NORTH AMERICAN DATUM 1927
TRANSVERSE MERCATOR PROJECTION

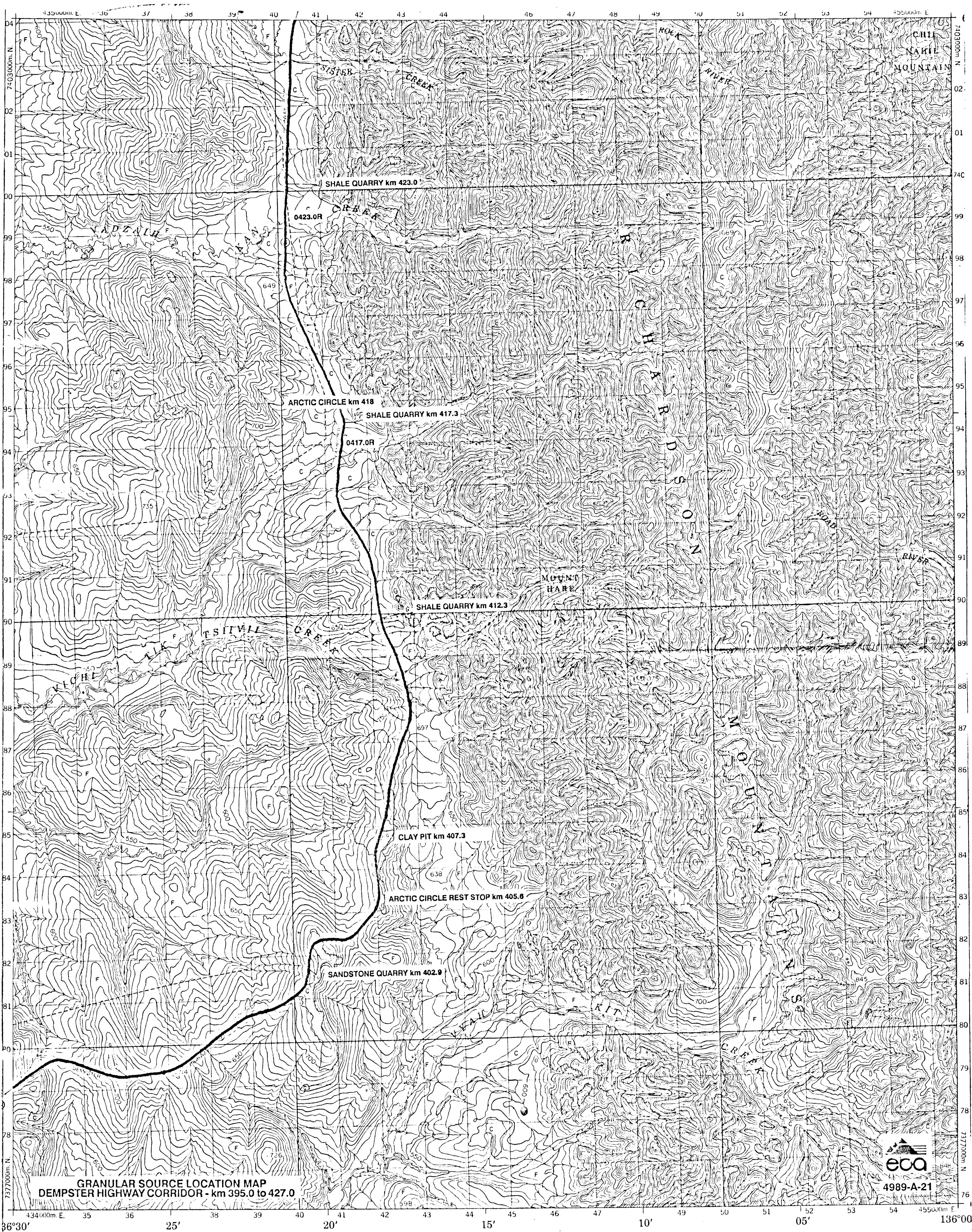
MOUNT JOYAL

YUKON TERRITORY

Scale 1:50,000 Échelle

ALTITUDES EN MÈTRES
EQUIDISTANCE DES COURBES 10 MÈTRES
SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927
PROJECTION TRANSVERSE DE MERCATOR

ÉTABLI PAR LA DIRECTION DES LÈVES ET DE LA CARTO-
GRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RES-
SOURCES, OTTAWA, PUBLIÉE EN 1982
CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU
CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RES-
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DEPARTMENT OF ENERGY, MINES AND RESOURCES

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL
CONTOUR INTERVAL..... 10 METRES
NORTH AMERICAN DATUM 1927
TRANSVERSE MERCATOR PROJECTION

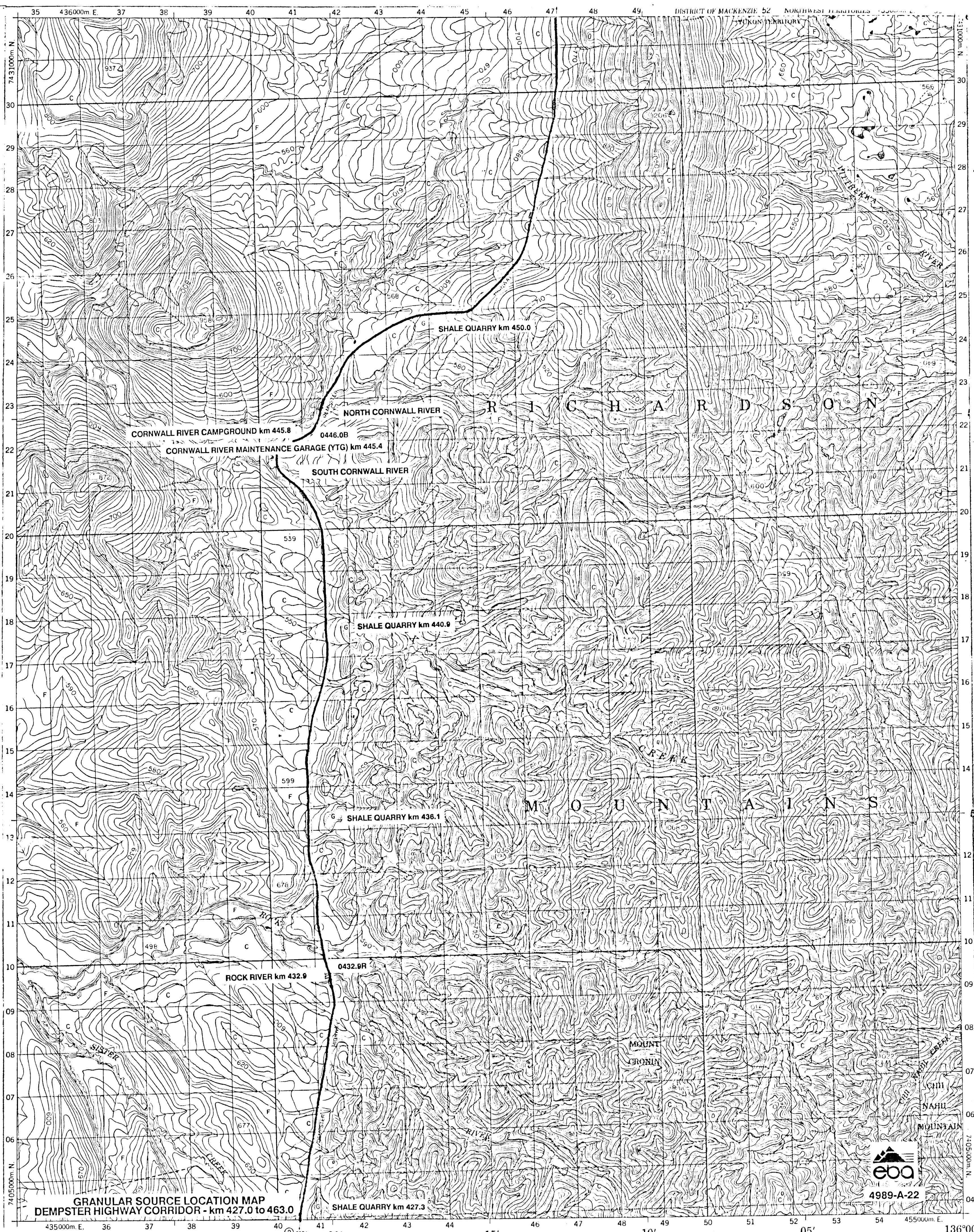
MOUNT HARE

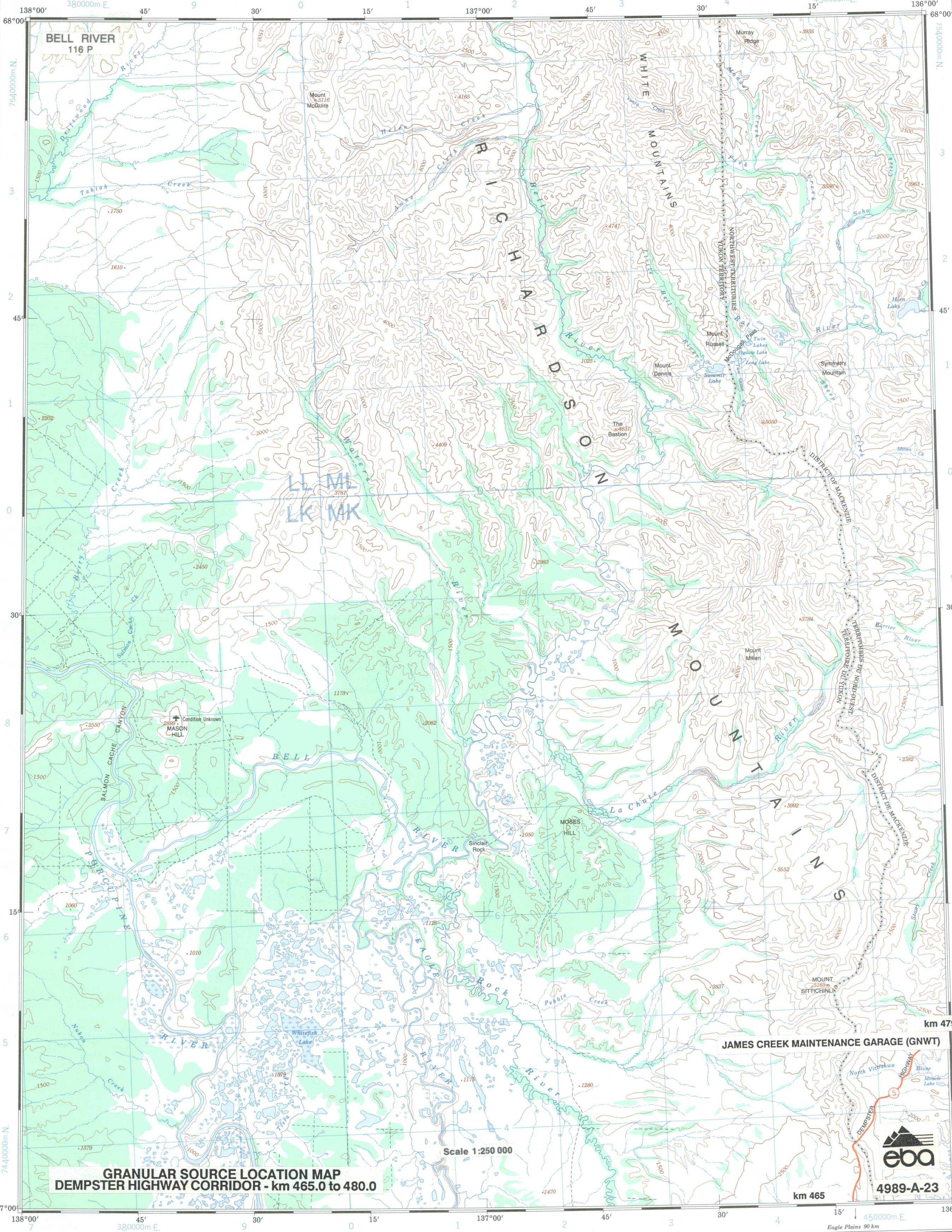
YUKON TERRITORY

Scale 1:50 000 Échelle

ALTITUDES EN MÈTRES
EQUIDISTANCE DES COURBES..... 10 MÈTRES
SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927
PROJECTION TRANSVERSE DE MERCATOR

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTO-
GRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RES-
SOURCES, OTTAWA, PUBLIÉE EN 1982
Ces cartes sont en vente au BUREAU DES CARTES DU
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BELL RIVER
116 P

Mount
McGuire

Murray
Ridge

Mount
Russell

Mount
Dennis

The
Bastion

Symmetry
Mountain

Mount
Millen

MOUNT
SITICHINLI

Condition Unknown
MASON
HILL

MOSES
HILL

Sinclair
Rock

JAMES CREEK MAINTENANCE GARAGE (GNWT)



4989-A-23

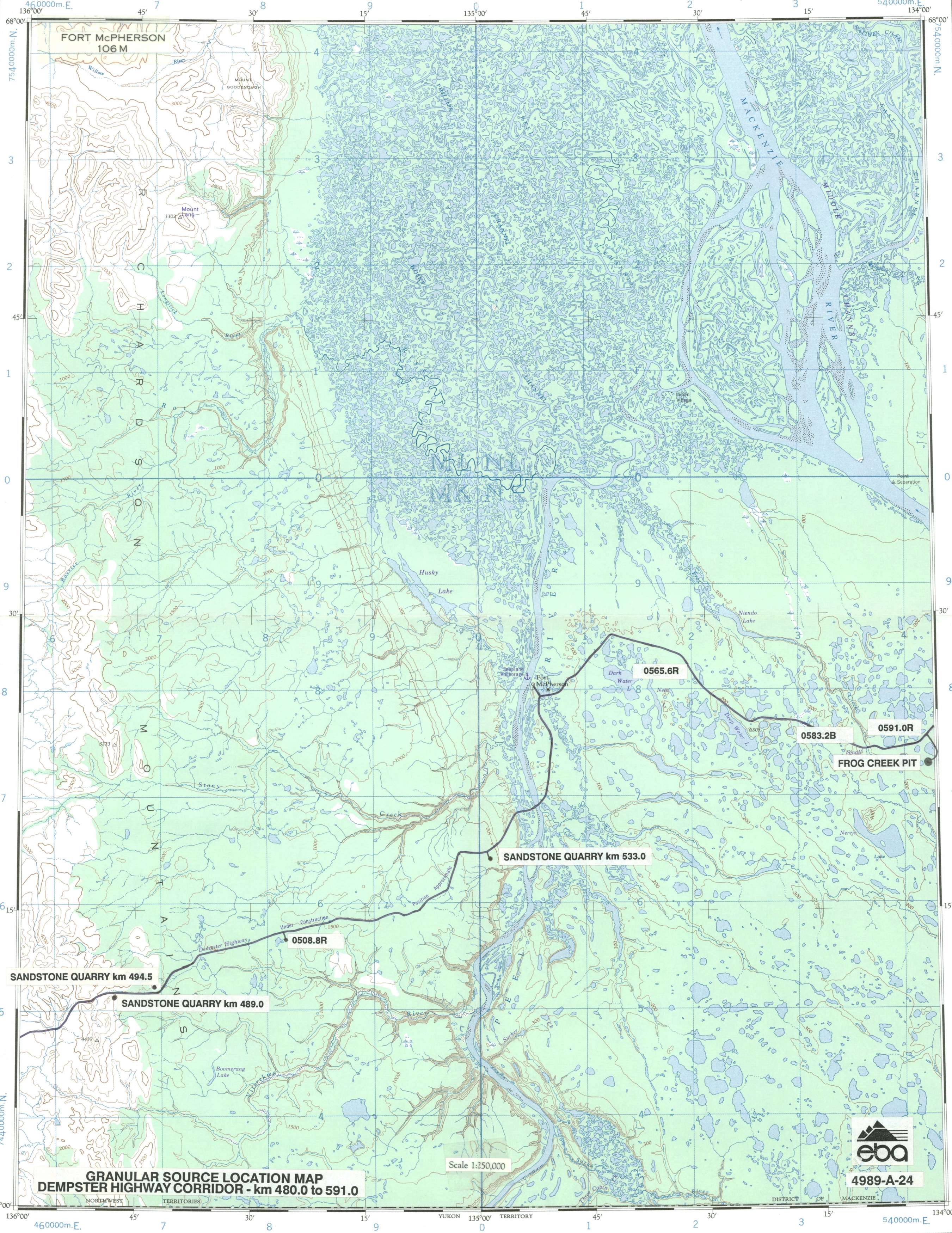
Scale 1:250 000

GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 465.0 to 480.0

km 465

km 479.4

Eagle Plains 90 km

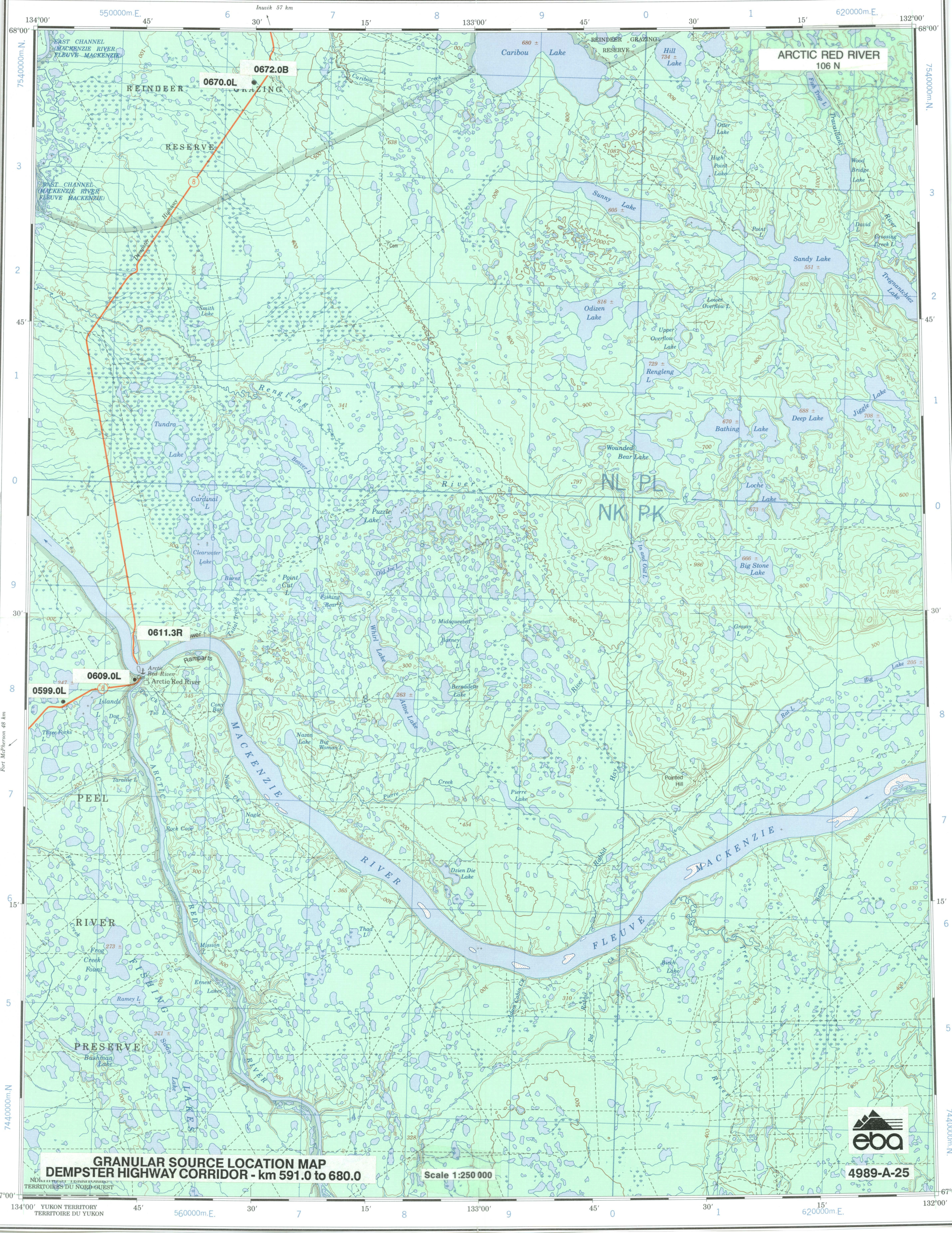


**GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 480.0 to 591.0**

Scale 1:250,000



4989-A-24



ARCTIC RED RIVER

106 N

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

Scale 1:250 000



4989-A-25



**GRANULAR SOURCE LOCATION MAP
DEMPSTER HIGHWAY CORRIDOR - km 680.0 to 735.0**

Scale 1:250,000



4989-A-26

107 B/East

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 calendar 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 blue line).

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 blue line).

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 resource 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

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 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a	YEAR : 1968,69,74,77 REPORT TITLE : Subsurface Testing Report North Klondike River Dempster Highway, Mile 42.8 Yukon Territory DATA QUALITY : Good 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) : 0066.68
--	---

***** 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)
GRAMULAR RESOURCES DATABASE
REPORT CATALOGUE DATA SHEET

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

STUDY NUMBER : DHC-002	YEAR : 1968,74
SPONSOR : Public Works Canada	REPORT TITLE : Fox Creek Mile 57.4 - Dempster Highway
CONTACT : n/a	
CONTRACTOR : Public Works Canada	
FILE NUMBER : Unknown	DATA QUALITY : Fair
LOCATION MAP :	SITE PLAN :
NUMBER : 0	NUMBER : 7007-1
FORMAT : n/a	FORMAT : Blueline
SCALE : 1:n/a	SCALE : 1:120
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : Public Works Canada
MINIMUM ZONE : 7	MINIMUM EASTING: 625350
MAXIMUM ZONE : 7	MAXIMUM EASTING: 625350
	MINIMUM NORTHING: 7170750
	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	YEAR : 1969
SPONSOR : Public Works Canada	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 :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 7 MINIMUM EASTING: 611720 MINIMUM NORTHING: 7097580	
MAXIMUM ZONE : 7 MAXIMUM EASTING: 625570 MAXIMUM NORTHING: 7181000	
SOURCE NO(S) : 0066.68;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	YEAR : 1969
SPONSOR : Public Works Canada	REPORT TITLE : Wolf Creek Mile 31.7, Dempster Highway
CONTACT : n/a	
CONTRACTOR : Public Works Canada	
FILE NUMBER : Unknown	DATA QUALITY : Poor
LOCATION MAP :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 7	MINIMUM EASTING: 625240
MAXIMUM ZONE : 7	MAXIMUM EASTING: 625240
	MINIMUM NORTHING: 7139150
	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	YEAR	: 1969
SPONSOR	: Public Works Canada	REPORT TITLE	: Benson Creek Mile 18.1, Dempster Highway
CONTACT	: n/a		
CONTRACTOR	: Public Works Canada		
FILE NUMBER	: Unknown	DATA QUALITY	: Fair
LOCATION MAP	:	SITE PLAN	:
NUMBER	: 0	NUMBER	: 0
FORMAT	: n/a	FORMAT	: n/a
SCALE	: 1:n/a	SCALE	: 1:n/a
DIGITIZ NO.	:	DIGITIZ NO.	:
ARCHIVING	: n/a	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 :

SITE PLAN :

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

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

MINIMUM ZONE : 7 MINIMUM EASTING: 627320
MAXIMUM ZONE : 7 MAXIMUM EASTING: 627320

MINIMUM NORTHING: 7167100
MAXIMUM NORTHING: 7167100

SOURCE NO(S) : 0086.08

===== 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 CONTACT : n/a CONTRACTOR : Public Works Canada FILE NUMBER : Unknown LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a	YEAR : 1969,74,75,77 REPORT TITLE : Subsurface Testing Report Lower Blackstone River Dempster Highway Mile 72.8 DATA QUALITY : Good SITE PLAN : NUMBER : 7008-7-2b FORMAT : Blue-line 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 :

SITE PLAN :

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

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

MINIMUM ZONE : 7 MINIMUM EASTING: 632720
MAXIMUM ZONE : 7 MAXIMUM EASTING: 632720

MINIMUM NORTHING: 7160590
MAXIMUM NORTHING: 7160590

SOURCE NO(S) : 0066.68

===== 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	YEAR : 1970
SPONSOR : Public Works Canada	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 :	SITE PLAN :
NUMBER : 0	NUMBER : A21021-225to263,A21020-5to201
FORMAT : Foldout Bluelines	FORMAT : Blueline Airphotos
SCALE : 1:250000	SCALE : 1:12000
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : Public Works Canada	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 CONTACT : Dennis Cooke CONTRACTOR : Public Works Canada FILE NUMBER : 01 17:00 A3 31 LOCATION MAP : NUMBER : n/a FORMAT : 4 Foldout Bluelines SCALE : 1:50000 DIGITIZ NO. : ARCHIVING : Public Works Canada	YEAR : 1971 REPORT TITLE : Mackenzie Highway Soils Survey Mile 891.8 - 931.5 January, 1972 DATA QUALITY : Fair 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	YEAR	: 1971
SPONSOR	: Public Works Canada	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	:	SITE PLAN	:
NUMBER	: n/a	NUMBER	: A21021-114 to 180
FORMAT	: 4 Folded Bluelines	FORMAT	: Airphoto Blackline
SCALE	: 1:50000	SCALE	: 1:12000
DIGITIZ NO.	:	DIGITIZ NO.	:
ARCHIVING	: Public Works Canada	ARCHIVING	: Public Works Canada
MINIMUM ZONE	: 8	MINIMUM EASTING	: 542000
MAXIMUM ZONE	: 8	MAXIMUM EASTING	: 583000
SOURCE NO(S)	: 0680.0L;0690.0R;0706.0L;07122.2B;0715.4L	MINIMUM NORTHING	: 7543000
		MAXIMUM NORTHING	: 7600000

===== 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 CONTACT : Mr. J. Quong CONTRACTOR : J.D. Mollard & Associates FILE NUMBER : Unknown LOCATION MAP : NUMBER : n/a FORMAT : 26 Photocopies (Airphotos) SCALE : 1:Various DIGITIZ NO. : ARCHIVING : Public Works Canada	YEAR : 1971 REPORT TITLE : Dempster Highway Airphoto Materials Search Mile 166 - 275 DATA QUALITY : No Data 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
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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

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

SEASON : n/a

PART A: STUDY REFERENCE AND LOCATION

PART B: STUDY DETAILS

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 Canada
FILE NUMBER : Unknown

DATA QUALITY : Poor

LOCATION MAP :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 392000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 429200

MINIMUM NORTHING: 7313850
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	YEAR : 1971, 1972
SPONSOR : Public Works Canada	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 :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 8	MINIMUM EASTING: 391900
MAXIMUM ZONE : 8	MAXIMUM EASTING: 429000
	MINIMUM NORTHING: 7313500
	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-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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 423850
MAXIMUM ZONE : 8 MAXIMUM EASTING: 423850

MINIMUM NORTHING: 7370150
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 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a MINIMUM ZONE : 7 MINIMUM EASTING: 626100 MAXIMUM ZONE : 7 MAXIMUM EASTING: 626200 SOURCE NO(S) : 0194.68	YEAR : 1972 REPORT TITLE : Subsurface Testing Report Big Creek, Mile 122.3 Dempster Highway DATA QUALITY : Fair SITE PLAN : NUMBER : 7011-7-2 FORMAT : Blue-line SCALE : 1:120 DIGITIZ NO.: ARCHIVING : Public Works Canada MINIMUM NORTHING: 7250600 MAXIMUM NORTHING: 7250650
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===== 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	YEAR : 1972
SPONSOR : Public Works Canada	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 :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 8	MINIMUM EASTING: Unknow
MAXIMUM ZONE : 8	MAXIMUM EASTING: Unknow
	MINIMUM NORTHING: Unknown
	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

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 CONTACT : n/a CONTRACTOR : Northwest Hydraulic Consultant FILE NUMBER : Unknown LOCATION MAP : NUMBER : Figure 1 FORMAT : Photocopy SCALE : 1:2000000 DIGITIZ NO. : ARCHIVING : Public Works Canada	YEAR : 1972 REPORT TITLE : Dempster Hwy-Hydrology Study Mile 250 - 289.8 October, 1972 DATA QUALITY : Good 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
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===== 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	YEAR	: 1972
SPONSOR	: Public Works Canada	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	:	SITE PLAN	:
NUMBER	: 0	NUMBER	: 3 Maps
FORMAT	: n/a	FORMAT	: Photocopy
SCALE	: 1:n/a	SCALE	: 1:50000
DIGITIZ NO.	:	DIGITIZ NO.:	
ARCHIVING	: n/a	ARCHIVING	: Government of Yukon
MINIMUM ZONE	: 7	MINIMUM EASTING	: 610100
MAXIMUM ZONE	: 8	MAXIMUM EASTING	: 521000
		MINIMUM NORTHING	: 7097200
		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

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

CONTACT : Dennis Cook
CONTRACTOR : J.D. Mollard & Assoc. Ltd.
FILE NUMBER : 01 17:00 A2 6

DATA QUALITY : Good

LOCATION MAP :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 435000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000

MINIMUM NORTHING: 7432000
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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 435000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000

MINIMUM NORTHING: 7404000
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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 **MINIMUM EASTING**: 434000
MAXIMUM ZONE : 8 **MAXIMUM EASTING**: 456000

MINIMUM NORTHING: 7377000
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
CONTACT : Unknown
CONTRACTOR : Public Works Canada
FILE NUMBER : Unknown
LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a
YEAR : 1972
REPORT TITLE : Dempster Hwy-North of Eagle Rv
Mile 236 - 254.5
Field Soil Logs & Lab Results
DATA QUALITY : Poor
SITE PLAN :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO.:
ARCHIVING : n/a
MINIMUM ZONE : 8
MAXIMUM ZONE : 8
MINIMUM EASTING: 423850
MAXIMUM EASTING: 442050
MINIMUM NORTHING: 7370150
MAXIMUM NORTHING: 7383600
SOURCE NO(S) : 0377.8B

***** 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 CONTACT : Dennis Cooke CONTRACTOR : Public Works Canada FILE NUMBER : 01 17:00 A2 5 LOCATION MAP : NUMBER : 3 FORMAT : Foldout Blueline SCALE : 1:50000 DIGITIZ NO. : ARCHIVING : Public Works Canada	YEAR : 1972 REPORT TITLE : Dempster Highway Soils Survey Mile 330 - 365 January, 1972 DATA QUALITY : Fair 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
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===== 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 Classification
REPORT LEVEL : Field Logs and Lab Data Only
REPORT DISTRIBUTION : Internal
DATA ARCHIVING : Public Works Canada

EBA PROJECT NUMBER : 0201-4989

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

SOURCE NO(S) : No Gravel Sources Indicated

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

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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 380500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 447500

MINIMUM NORTHING: 7304500
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 CONTACT : Unknown CONTRACTOR : Ripley, Kohn Leonoff FILE NUMBER : OTT-72-141 LOCATION MAP : NUMBER : Unknown FORMAT : Paper Copy SCALE : 1:250000 DIGITIZ NO. : ARCHIVING : DIAND	YEAR : 1973 REPORT TITLE : Granular Materials Inventory Zone IV, V, VI N.W.T. DATA QUALITY : Good 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
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***** 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 :
SITE PLAN :
NUMBER : Unknown
FORMAT : Paper Copy
SCALE : 1:12500 - 1:250000
DIGITIZ NO. :
ARCHIVING : DIAND
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 CONTACT : Unknown CONTRACTOR : Ripley, Klohn Leonoff FILE NUMBER : OTT-72-141 LOCATION MAP : NUMBER : Unknown FORMAT : Paper Copy SCALE : 1:12500/1:250000 DIGITIZ NO. : ARCHIVING : DIAND	YEAR : 1973 REPORT TITLE : Community Granular Materials Inventory Fort McPherson, N.W.T. DATA QUALITY : Unknown 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
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===== 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 :

SITE PLAN :

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

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
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000

MINIMUM NORTHING: 7432000
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
Comple Oct.'77 #1400-1451

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

DATA QUALITY : Unknown

LOCATION MAP :

SITE PLAN :

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

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
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000

MINIMUM NORTHING: 7432000
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

PART A: STUDY REFERENCE AND LOCATION

YEAR : 1974
REPORT TITLE : Dempster Highway Relocation
Mi. 0-78, Centreline Drilling
Logs September, 1974

DATA QUALITY : Fair

SITE PLAN :

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

SOURCE NO(S) : 0001.38;0003.38;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

SEASON : Fall

SAMPLING/RECORDING

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 CONTACT : Unknown CONTRACTOR : Public Works Canada FILE NUMBER : Unknown LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a	YEAR : 1974 REPORT TITLE : Dempster Highway Centreline Relocation; Mile 60-78 1974 Investigation-Lab Results DATA QUALITY : Poor 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
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===== 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

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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 435000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000

MINIMUM NORTHING: 7432000
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	YEAR : 1975
SPONSOR : Public Works Canada	REPORT TITLE : Geotechnical 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 :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	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 CONTACT : Dennis Cooke CONTRACTOR : R.M. Hardy & Associates Ltd. FILE NUMBER : 01 17:00 A2 6 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a	YEAR : 1974 REPORT TITLE : Laboratory Testing for Borrow Material for Dempster Highway (Fort McPherson West) DATA QUALITY : Unknown SITE PLAN : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO.: ARCHIVING : n/a MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000 MINIMUM NORTHING: 7432000 MAXIMUM NORTHING: 7487000
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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	YEAR : 1974
SPONSOR : Public Works Canada	REPORT TITLE : Dempster Highway Mile 0 - 78
CONTACT : Unknown	
CONTRACTOR : Public Works Canada	
FILE NUMBER : Unknown	DATA QUALITY : Unknown
LOCATION MAP :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MINIMUM NORTHING: 7097200	
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000 MAXIMUM NORTHING: 7200000	
SOURCE NO(S) : 0001.38;0003.38;0006.6L;0006.78;0009.2L;0010.9L;0019.48;0021.7L;0022.4L;0033.28;0035.6L;0047.28; 0049.98;0055.5L;0058.08;0066.68;0086.08;0114.78;0122.88	

***** 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 :

SITE PLAN :

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

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

MINIMUM ZONE : 7 MINIMUM EASTING: 610100
MAXIMUM ZONE : 7 MAXIMUM EASTING: 629000

MINIMUM NORTHING: 7097200
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	YEAR : 1974, 1975
SPONSOR : Public Works Canada	REPORT TITLE : Geotechnical Investigation Dempster Highway, Mile 0 - 78 Volumes I & II
CONTACT : Mr. J. Quang	
CONTRACTOR : R.M. Hardy & Associates Ltd.	
FILE NUMBER : PWC #1004-6	DATA QUALITY : Fair
LOCATION MAP :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 7	MINIMUM EASTING: 610100
MAXIMUM ZONE : 7	MAXIMUM EASTING: 629000
	MINIMUM NORTHING: 7097200
	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

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	YEAR : 1975
SPONSOR : Public Works Canada	REPORT TITLE : Geotechnical 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 :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	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 CONTACT : n/a CONTRACTOR : Public Works Canada FILE NUMBER : Unknown LOCATION MAP : NUMBER : 085005 FORMAT : Blue-line (Constr. Drawing) SCALE : 1:250000 DIGITIZ NO. : ARCHIVING : Government of Yukon	YEAR : 1976 REPORT TITLE : Soil Logs-Dempster Hwy, Y.T. Mile 268-289.7 By DPW Western Region DATA QUALITY : Fair 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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 434000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000

MINIMUM NORTHING: 7377000
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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 434000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 456000

MINIMUM NORTHING: 7404000
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
LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a
YEAR : 1976, 1978
REPORT TITLE : Final Const. Report-Stripping
of Gravel Sources & Constr. of
Haul Road-Midway Lakes,
Dempster Highway
DATA QUALITY : Unknown
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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 437500
MAXIMUM ZONE : 8 MAXIMUM EASTING: 441100

MINIMUM NORTHING: 7379500
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

PART A: STUDY REFERENCE AND LOCATION

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

DATA QUALITY : Good

SITE PLAN :

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

MINIMUM NORTHING: 7251350
MAXIMUM NORTHING: 7291500

SOURCE NO(S) : No Gravel Sources Indicated

PART B: STUDY DETAILS

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/MWT)
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 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a MINIMUM ZONE : 8 MINIMUM EASTING: 423850 MAXIMUM ZONE : 8 MAXIMUM EASTING: 424000 SOURCE NO(S) : Not Applicable to Study	YEAR : 1977 REPORT TITLE : Installation Report-Permabed Test Section-Prepared by PWC, Dempster Highway Mile 237.2 Henderwood Industries DATA QUALITY : Good SITE PLAN : NUMBER : Unknown FORMAT : Photocopy SCALE : 1:240 DIGITIZ NO.: ARCHIVING : Public Works Canada MINIMUM NORTHING: 7370150 MAXIMUM NORTHING: 7370700
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***** 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	YEAR : 1977
SPONSOR : DIAND	REPORT TITLE : Yukon Gravel Inventory-Vol 2 Dawson Resource Mgmt Area
CONTACT : Mr. R.S. Freisen, Res.& S.P.O.	
CONTRACTOR : Archer, Cathro & Assoc. Ltd.	
FILE NUMBER : Unknown	DATA QUALITY : Poor
LOCATION MAP :	SITE PLAN :
NUMBER : Figures 46-50	NUMBER : 0
FORMAT : Photocopy	FORMAT : n/a
SCALE : 1:50000	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : DIAND-Land Use	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 CONTACT : Dennis Cooke CONTRACTOR : Public Works Canada FILE NUMBER : 01 17:00 A2 6 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a	YEAR : Unknown REPORT TITLE : Geotechnical Investigation Dempster Highway, Mi.290-344 Compiled Oct.1977 #254-492 DATA QUALITY : Fair 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
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===== 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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 435000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 521000

MINIMUM NORTHING: 7432000
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
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 : 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 :

SITE PLAN :

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

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

MINIMUM ZONE : 8 MINIMUM EASTING: 392000
MAXIMUM ZONE : 8 MAXIMUM EASTING: 429200

MINIMUM NORTHING: 7313850
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	YEAR : 1978
SPONSOR : Foothills Pipe Lines (Yukon)	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 :	SITE PLAN :
NUMBER : Unknown	NUMBER : Unknown
FORMAT : Blackline Topographic	FORMAT : Airphoto Half-tones
SCALE : 1:250000	SCALE : 1:2000
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : Klohn Leonoff Consultants	ARCHIVING : Klohn Leonoff Consultants
MINIMUM ZONE : 7	MINIMUM EASTING: 610100
MINIMUM ZONE : 8	MINIMUM EASTING: 472500
	MINIMUM NORTHING: 7097200
	MINIMUM 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) CONTACT : Unknown CONTRACTOR : Hardy Associates (1978) Ltd. FILE NUMBER : K4321 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a MINIMUM ZONE : 7 MINIMUM EASTING: 610100 MAXIMUM ZONE : 8 MAXIMUM EASTING: 472500 SOURCE NO(S) : Not Applicable to Study	YEAR : 1978 REPORT TITLE : Dempster Lateral Gas Pipeline Project-Permafrost Delineation Geophysical Survey DATA QUALITY : Good SITE PLAN : NUMBER : Unknown FORMAT : Half-tone Airphotos SCALE : 1:24000 DIGITIZ NO.: ARCHIVING : Hardy Associates MINIMUM NORTHING: 7097200 MAXIMUM NORTHING: 7575300
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===== 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	YEAR : 1978
SPONSOR : Public Works Canada	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 :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	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;0244.0R;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 LOCATION MAP : NUMBER : Unknown FORMAT : Paper copy SCALE : 1:2000000 DIGITIZ NO. : ARCHIVING : R.M. Hardy & Associates Ltd.	YEAR : 1979 REPORT TITLE : Terrain Analysis of the Dempster Pipeline Route DATA QUALITY : Good SITE PLAN : NUMBER : 1A - 77 FORMAT : Half-tone Airphoto SCALE : 1:n/a DIGITIZ NO.: ARCHIVING : R.M. Hardy & Associates Ltd.
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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 : DMC-058	YEAR : 1981
SPONSOR : Government of Yukon-Highways	REPORT TITLE : Dempster Highway Evaluation 1981 Field Notes
CONTACT : Mr. John Murray	
CONTRACTOR : Associated Eng. Services Ltd.	
FILE NUMBER : Unknown	DATA QUALITY : Fair
LOCATION MAP :	SITE PLAN :
NUMBER : 0	NUMBER : 0
FORMAT : n/a	FORMAT : n/a
SCALE : 1:n/a	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO. :
ARCHIVING : n/a	ARCHIVING : n/a
MINIMUM ZONE : 7	MINIMUM EASTING: 610100
MAXIMUM ZONE : 8	MAXIMUM EASTING: 521000
	MINIMUM NORTHING: 7097200
	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

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.
CONTACT : n/a
CONTRACTOR : Terrain Anal. & Mapping Serv.
FILE NUMBER : Unknown
LOCATION MAP :
NUMBER : 0
FORMAT : n/a
SCALE : 1:n/a
DIGITIZ NO. :
ARCHIVING : n/a
YEAR : 1981
REPORT TITLE : Geological Interpretation &
Evaluation of the Dempster Hwy
Area NOTE: Maps Not Included
DATA QUALITY : Good
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

PART A: STUDY REFERENCE AND LOCATION

YEAR : 1983
REPORT TITLE : Borrow Investigation
Klondike Highway
km 661 to km 716-Appendix E

DATA QUALITY : Good

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 NORTHING: 7098650
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	YEAR : 1984
SPONSOR : Public Works Canada	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 :	SITE PLAN :
NUMBER : 0	NUMBER : Unknown
FORMAT : n/a	FORMAT : Blueline Airphoto
SCALE : 1:n/a	SCALE : 1:2400
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : Public Works Canada
MINIMUM ZONE : 8	MINIMUM EASTING: 457000
MINIMUM ZONE : 8	MINIMUM NORTHING: 7432000
MAXIMUM ZONE : 8	MAXIMUM EASTING: 478000
MAXIMUM ZONE : 8	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	YEAR : 1984
SPONSOR : Public Works Canada	REPORT TITLE : Engineer Creek, km 162 Culvert Failure Dempster Highway, Yukon
CONTACT : Mr. Eric Gibson	
CONTRACTOR : J.R. Paine & Associates Ltd.	
FILE NUMBER : 119499	DATA QUALITY : Fair
LOCATION MAP :	SITE PLAN :
NUMBER : 0	NUMBER : 1
FORMAT : n/a	FORMAT : Photocopy
SCALE : 1:n/a	SCALE : 1:Sketch
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : Public Works Canada
MINIMUM ZONE : 7	MINIMUM EASTING: 624220
MAXIMUM ZONE : 7	MAXIMUM EASTING: 624220
	MINIMUM NORTHING: 7122100
	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	YEAR : 1985
SPONSOR : Government of N.W.T.	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 :	SITE PLAN :
NUMBER : 0	NUMBER : Unknown
FORMAT : n/a	FORMAT : Paper Copy of One Site
SCALE : 1:n/a	SCALE : 1:500
DIGITIZ NO. :	DIGITIZ NO.:
ARCHIVING : n/a	ARCHIVING : Government of N.W.T.
MINIMUM ZONE : 8	MINIMUM EASTING: 457000
MAXIMUM ZONE : 8	MAXIMUM EASTING: 585000
	MINIMUM NORTHING: 7431000
	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. CONTACT : Mr. M. Lanteigne CONTRACTOR : EBA Eng. Consultants Ltd. FILE NUMBER : 0101-4657 LOCATION MAP : NUMBER : Unknown FORMAT : Paper Copy SCALE : 1:200000 DIGITIZ NO. : ARCHIVING : Government of N.W.T. MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MAXIMUM ZONE : 8 MAXIMUM EASTING: 564000 SOURCE NO(S) : Not Applicable to Study	YEAR : 1987 REPORT TITLE : Ground Penetrating Radar Dempster Highway, N.W.T. km 0 - 85 DATA QUALITY : Good SITE PLAN : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO.: ARCHIVING : n/a MINIMUM NORTHING: 7431000 MAXIMUM NORTHING: 7488000
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===== 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. CONTACT : Unknown CONTRACTOR : Geocon Inc. FILE NUMBER : A1564/41252 LOCATION MAP : NUMBER : 0 FORMAT : n/a SCALE : 1:n/a DIGITIZ NO. : ARCHIVING : n/a MINIMUM ZONE : 8 MINIMUM EASTING: 435000 MAXIMUM ZONE : 8 MAXIMUM EASTING: 565000 SOURCE NO(S) : Not Applicable to Study	YEAR : 1986 REPORT TITLE : Report on Remote Sensing of Ice Wedges by Airphoto Interpretation, NWT km 0-85 DATA QUALITY : Fair SITE PLAN : NUMBER : A25006-16to55, A25005-52to160 FORMAT : Photocopies of Airphotos SCALE : 1:15000 DIGITIZ NO.: ARCHIVING : Government of Yukon MINIMUM NORTHING: 7432000 MAXIMUM NORTHING: 7488000
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***** 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	YEAR : 1987
SPONSOR : Government of N.W.T.	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 :	SITE PLAN :
NUMBER : Unknown	NUMBER : 0
FORMAT : Paper Copy	FORMAT : n/a
SCALE : 1:200000	SCALE : 1:n/a
DIGITIZ NO. :	DIGITIZ NO. :
ARCHIVING : Government of N.W.T.	ARCHIVING : n/a
MINIMUM ZONE : 8	MINIMUM EASTING: 435000
MAXIMUM ZONE : 8	MAXIMUM EASTING: 564000
	MINIMUM NORTHING: 7431000
	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/Reconnaissance
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

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.OB).

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 adjustments 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

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 : 0001.38 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 : 1150/5 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 : 1168/2 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)
GRAMULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

===== PART A: LOCATION AND STATUS =====

SOURCE NUMBER : 0006.78 STUDY NO. : DHC-034;DHC-056
NTS MAP REFERENCE : 1168/2 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 - DEPTN (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/MWT)

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 W 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 : 1168/2 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 (X) : 70 SAND (X): 28 FINES (X): 2
- OVERSIZE (X) : 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 : 1168/2 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

GENERIC ORIGIN : Alluvial

GRANULAR - TYPE : GRAVEL-poorly graded

- THICKNESS (m) : 3.7-UN-UN

DESCRIPT. DATA : 07/15/89

LANDFORM(S) : Gravel Terrace

OVERBURDEN-TYPE : SILT

- 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) CLASS 1: Unknown

CLASS 2: Unknown

TOTAL RECOVERABLE : 55,000 CLASS 3: 55,500

ANNUAL RECOVERABLE : Unknown 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 : 1168/2 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 : 0011.48 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. : DMC-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./Defin. 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 8:64-66-68 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 : 1168/2 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/MWT)
GRANULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

===== PART A: LOCATION AND STATUS =====

SOURCE NUMBER : 0017.7L STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/2 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 (X) : 79 SAND (X): 18 FINES (X): 3
- OVERSIZE (X) : 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 : 0019.48 STUDY NO. : DHC-034
NTS MAP REFERENCE : 116B/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 : 1168/2 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)

GRAMULAR RESOURCES DATABASE

SOURCE CATALOGUE DATA SHEET

***** **PART A: LOCATION AND STATUS** *****

SOURCE NUMBER : 0024.3L STUDY NO. : n/a
 NTS MAP REFERENCE : 1168/2 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 (X) : 0 SAND (X): 0 FINES (X): 0
 - OVERSIZE (X) : 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. : DMC-056
NTS MAP REFERENCE : 1168/2 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 : 1168/2 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 : 1168/2 DIGITIZ NO:
UTM ZONE-EASTING : 7-619960 MAP SCALE : 1:50000
UTM NORTHING : 7123510 LOCATION : 3.8 km N of Benson Creek
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 : POSSIBLY 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 : 1168/2 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 : 1168/2 DIGITIZ NO:
UTM ZONE-EASTING : 7-620500 MAP SCALE : 1:50000
UTM NORTHING : 7125390 LOCATION : 7.2 km N of Benson Creek
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 : 0039.98 STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/8 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 : 1168/8 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 : 0049.98 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 : 1168/8 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 : Undeveloped 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 : 1168/8 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 : 0058.08 STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/8 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. : DMC-056
NTS MAP REFERENCE : 1168/8 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-GH/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 : 1168/8 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)
GRAMULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

===== PART A: LOCATION AND STATUS =====

SOURCE NUMBER : 0066.68 STUDY NO. : DHC-008;DHC-042
NTS MAP REFERENCE : 1168/8 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
GRAMULAR - 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-GH -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 : 1168/8 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 : 1168/9 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-LN-LN - THICKNESS (m): 1.5-LN-LN
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-GH -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. : DMC-056
NTS MAP REFERENCE : 1168/9 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 : 0081.0R STUDY NO. : DHC-056
NTS MAP REFERENCE : 1168/9 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 : 1168/9 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 : 0086.08 STUDY NO. : DHC-006
NTS MAP REFERENCE : 1168/9 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 : 1168/9 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 (X) : 62-65 SAND (X): 32-32 FINES (X): 6-3
- OVERSIZE (X) : 0 0-50 (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 : 1168/9 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 : Glacial/fuvial 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 : 1168/9 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 : 1168/9 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;Mining 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 : 1168/16 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)
GRAMULAR 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 : ORGANICS/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. : DNC-056
NTS MAP REFERENCE : 1168/16 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-SH/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 : 1168/16 DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 7-628900 LOCATION : 2 km S of Old Mi 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 : 1168/16 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
GRAMULAR - 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/MWT)
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:
UTM ZONE-EASTING : 7-632200 MAP SCALE : 1:50000
UTM NORTHING : 7209750 LOCATION : 6.5 km N of Cash Creek
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 : 1166/1 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 Angular 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/MWT)
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:
UTM ZONE-EASTING : 7-624850 MAP SCALE : 1:5000
UTM NORTHING : 7233400 LOCATION : Old Mile 110 Gravel Pit
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) CLASS 1: Unknown
CLASS 2: 20,000
TOTAL RECOVERABLE : 30,000 CLASS 3: 10,000
ANNUAL RECOVERABLE : Unknown 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
 NYS MAP REFERENCE : 1166/8 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 : 0194.68 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. Bldg.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 (X) : 48-68-81 SAND (X): 18-31-48 FINES (X): 1-2-4
- OVERSIZE (X) : 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 : 0235.08 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/GH/GP-GH -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 : 0244.0R 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 : 1161/2 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 : Residium 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 : 0377.88 STUDY NO. : DHC-017
NTS MAP REFERENCE : 1161/7 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/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 : 0417.0R STUDY NO. : DHC-047
NTS MAP REFERENCE : 1161/9 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 Gry./Sand OVL

GRANULAR - TYPE : SAND-silty

OVERBURDEN-TYPE : SILT-sandy, gravelly

- THICKNESS (m) : 2.5

- THICKNESS (m): 0.9

UNDERBURDEN : SHALE

DEVELOP. CONSTRAINT: Permafrost, Predominantly 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 (X) : 0-UN-28 SAND (X): 37-UN-73 FINES (X): 25-UN-38
- OVERSIZE (X) : 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 : 50,000 CLASS 3: 25,000
ANNUAL RECOVERABLE : Unknown 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 : 0423.0R STUDY NO. : DHC-047
NTS MAP REFERENCE : 1161/9 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 : 1161/16 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 : 0446.08 STUDY NO. : DHC-045;DHC-056
NTS MAP REFERENCE : 1161/16 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)
GRAMULAR RESOURCES DATABASE
SOURCE CATALOGUE DATA SHEET

===== PART A: LOCATION AND STATUS =====

SOURCE NUMBER : 0583.2B STUDY NO. : DMC-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 (X) : 19-36-60 SAND (X): 30-50-70 FINES (X): 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:
UTM ZONE-EASTING : 8-545100 MAP SCALE : 1:50000
UTM NORTHING : 7478450 LOCATION : 10 km W-Arctic Red River
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 : 106M/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:
UTM ZONE-EASTING : 8-552900 MAP SCALE : 1:50000
UTM NORTHING : 7485350 LOCATION : N Side of Arctic Red Rv.
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) CLASS 1: Unknown
CLASS 2: Unknown
TOTAL RECOVERABLE : 11,000 CLASS 3: 11,000
ANNUAL RECOVERABLE : Unknown 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 : 0672.08 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 : 0690.0R 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 : 0706.08 STUDY NO. : DHC-011
NTS MAP REFERENCE : 107B/2E DIGITIZ NO: MAP SCALE : 1:50000
UTM ZONE-EASTING : 8-566600 LOCATION : 16 km W 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/SH/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 (X) : 1-17-34 SAND (X): 33-63-69 FINES (X): 2-36-53
- OVERSIZE (X) : 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/MWT)
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: Reconnaissance 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

YTG HIGHWAYS km POST LOCATIONS



RECEIVED

GOVERNMENT OF THE YUKON TERRITORY
Department of Community & Transportation Services

Dawson, Yukon Territory
03 November 1988

KLONDIKE, DEMPSTER HIGHWAY - Highway Location Data - Highway #5

<u>Kilometer Location</u>	<u>Name/or Description</u>
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

<u>Kilometer Location</u>	<u>Name/or Description</u>
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

<u>Location</u>	<u>Name/or Description</u>
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

<u>Kilometer Location</u>	<u>Name/or Description</u>
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

<u>Location</u>	<u>Name/or Description</u>
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

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
Dempster Highway Corridor, YT/NWT

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



Location Data Summary
Granular Resource Inventory
Dempster Highway Corridor, YT/NWT

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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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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23508018	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350801C	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350802A	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350802B	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350803A	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T155	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T156	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T157	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
2350T158	DHC-056	0235.08	SOURCE: km 235.0 YUKON, LEFT OF HIGHWAY
23598148	DHC-054	DEMPSTER LATERAL	SOURCE: km 235.9, 3250 m Right of Hwy
23728149	DHC-054	DEMPSTER LATERAL	SOURCE: km 237.2, 3450 m Right of Hwy
24288150	DHC-054	DEMPSTER LATERAL	SOURCE: km 242.8, 2200 m Right of Hwy
24408001	DHC-056	0244.0R	SOURCE: km 244.0 YUKON, RIGHT OF HIGHWAY
25078152	DHC-054	DEMPSTER LATERAL	SOURCE: km 250.7, 600 m Right of Highway
25728155	DHC-054	DEMPSTER LATERAL	SOURCE: km 257.2, 3560 m Right of Hwy
34208003	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208016	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208021	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208022	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208023	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208025	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208030	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208031	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208032	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208037	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
34208038	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
34208040	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
34208053	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
34208054	None	0342.0L	SOURCE: km 342.0 YUKON, RIGHT OF HIGHWAY
34208080	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208082	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208084	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208108	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
34208110	None	0342.0L	SOURCE: km 342.0 YUKON, LEFT OF HIGHWAY
35248163	DHC-054	DEMPSTER LATERAL	SOURCE: km 352.4, 100 m Left of Highway
37788001	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788002	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788003	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788004	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788005	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788006	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788007	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline



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37788008	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788R11	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788R12	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788R13	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37788R14	DHC-016	0377.88	SOURCE: km 377.8, YT, Centreline
37808NE3	DHC-016	0377.88	SOURCE: km 378.0, YT, 6 m L OF HIGHWAY
37888NE6	DHC-016	0377.88	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
37888NE7	DHC-016	0377.88	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
37888NE8	DHC-016	0377.88	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
37888NE9	DHC-016	0377.88	SOURCE: km 378.8, YT, 450 m L OF HIGHWAY
38108166	DHC-054	DEMPSTER LATERAL	SOURCE: km 381.0, 470 m Left of Highway
38158167	DHC-054	DEMPSTER LATERAL	SOURCE: km 381.5, 370 m Left of Highway
39118058	DHC-016	0377.88	SOURCE: km 391.1, YT, CENTRELINE OF HWY
39368049	DHC-016	0377.88	SOURCE: km 393.6, YT, CENTRELINE OF HWY
41708002	DHC-047	0417.0R	SOURCE: km 417.0 YUKON, RIGHT OF HIGHWAY
42308001	DHC-047	0423.0R	SOURCE: km 423.0 YUKON, RIGHT OF HIGHWAY
42308002	DHC-047	0423.0R	SOURCE: km 423.0 YUKON, RIGHT OF HIGHWAY
4230801A	DHC-047	0423.0R	SOURCE: km 423.0 YUKON, RIGHT OF HIGHWAY
43298002	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, LEFT OF HIGHWAY
43298003	DHC-047	0432.9R	SOURCE: km 432.9 YUKON
43298004	DHC-047	0432.9R	SOURCE: km 432.9 YUKON
43298006	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, RIGHT OF HIGHWAY
43298007	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
43298008	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
43298009	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
43298010	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
43298016	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
43298017	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, ON HIGHWAY
43298018	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, LEFT OF HIGHWAY
43298019	DHC-047	0432.9R	SOURCE: km 432.9 YUKON, RIGHT OF HIGHWAY
43298171	DHC-054	DEMPSTER LATERAL	SOURCE: km 432.9, 500 m Left of Highway
43598172	DHC-054	DEMPSTER LATERAL	SOURCE: km 435.9, 250 m Left of Highway
44608001	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, LEFT OF HIGHWAY
44608002	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
44608003	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
44608004	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
44608005	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460802A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, RIGHT OF HIGHWAY
4460803A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, ON HIGHWAY
4460804A	DHC-056	0446.0B	SOURCE: km 446.0 YUKON, RIGHT OF HIGHWAY
4460805A	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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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
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



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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
56778193	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778194	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778195	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778197	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778198	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778200	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778201	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778202	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778203	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778205	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778206	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778208	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778314	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778315	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778316	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778317	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778319	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778320	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778324	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778327	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778332	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
56778334	DHC-026	0567.7B	SOURCE: km 567.7 NWT, R & L OF HIGHWAY
5832B001	DHC-009	0583.2B	SOURCE: km 583.2 NWT, BOTH SIDES OF HWY
5832B01A	DHC-009	0583.2B	SOURCE: km 583.2 NWT, BOTH SIDES OF HWY
5832B071	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B072	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B083	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 120m R OF HIGHWAY
5832B109	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 1100m L OF HIGHWAY
5832B148	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B150	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B236	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B237	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B240	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B241	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B242	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B243	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B244	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B245	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B246	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 300m R OF HIGHWAY
5832B249	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 1100m L OF HIGHWAY
5832B250	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 1100m L OF HIGHWAY
5832B251	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 1100m L OF HIGHWAY



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BOREHOLE	REPORT NUMBER	SOURCE NUMBER	km POST (NOTE_3)
5832B252	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B253	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B255	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B256	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B257	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B258	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B259	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B262	DHC-026	0583.2B	SOURCE: km 583.2 NWT, LEFT OF HIGHWAY
5832B267	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B268	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B269	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B270	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B271	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B274	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B275	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 200m R OF HIGHWAY
5832B341	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 600m L OF HIGHWAY
5832B342	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 600m L OF HIGHWAY
5832B343	DHC-026	0583.2B	SOURCE: km 583.2 NWT, 600m L OF HIGHWAY
5832T00A	DHC-009	0583.2B	SOURCE: km 583.2 NWT, BOTH SIDES OF HWY
5832T00B	DHC-009	0583.2B	SOURCE: km 583.2 NWT, BOTH SIDES OF HWY
5850B190	DHC-054	DEMPSTER LATERAL	SOURCE: km 585.0, 7600 m Left of Highway
5910B001	DHC-029	0591.0R	SOURCE: km 591.0 NWT, 2000m R OF HIGHWAY
5910B002	DHC-029	0591.0R	SOURCE: km 591.0 NWT, 2000m R OF HIGHWAY
5910B003	DHC-029	0591.0R	SOURCE: km 591.0 NWT, 2000m R OF HIGHWAY
5910B004	DHC-029	0591.0R	SOURCE: km 591.0 NWT, 2000m R OF HIGHWAY
5910B005	DHC-029	0591.0R	SOURCE: km 591.0 NWT, 2000m R OF HIGHWAY
5990B045	DHC-026	0599.0L	SOURCE: km 599.0 NWT, 150m L OF HIGHWAY
5990B046	DHC-026	0599.0L	SOURCE: km 599.0 NWT, 150m L OF HIGHWAY
5990B047	DHC-026	0599.0L	SOURCE: km 599.0 NWT, 150m L OF HIGHWAY
5990B048	DHC-026	0599.0L	SOURCE: km 599.0 NWT, 150m L OF HIGHWAY
5990B106	DHC-026	0599.0L	SOURCE: km 599.0 NWT, 150m L OF HIGHWAY
6090B001	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6090B002	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6090B003	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6090B011	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6090B139	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6090B141	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6090B142	DHC-009	0609.0L	SOURCE: km 609.0 NWT, 100m L OF HIGHWAY
6113B012	DHC-009	0611.3R	SOURCE: km 611.3 NWT, 335m R OF HIGHWAY
6480B195	DHC-054	DEMPSTER LATERAL	SOURCE: km 648.0, 1500 m Left of Highway
6670B197	DHC-054	DEMPSTER LATERAL	SOURCE: km 667.0, 650 m Right of Highway
6700B264	DHC-009	0670.0L	SOURCE: km 670.0 NWT, 420m L OF HIGHWAY



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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



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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

