

YUKON  
TERRITORY

LABERGE  
Granular  
Sources

Autumn  
1993



D007736

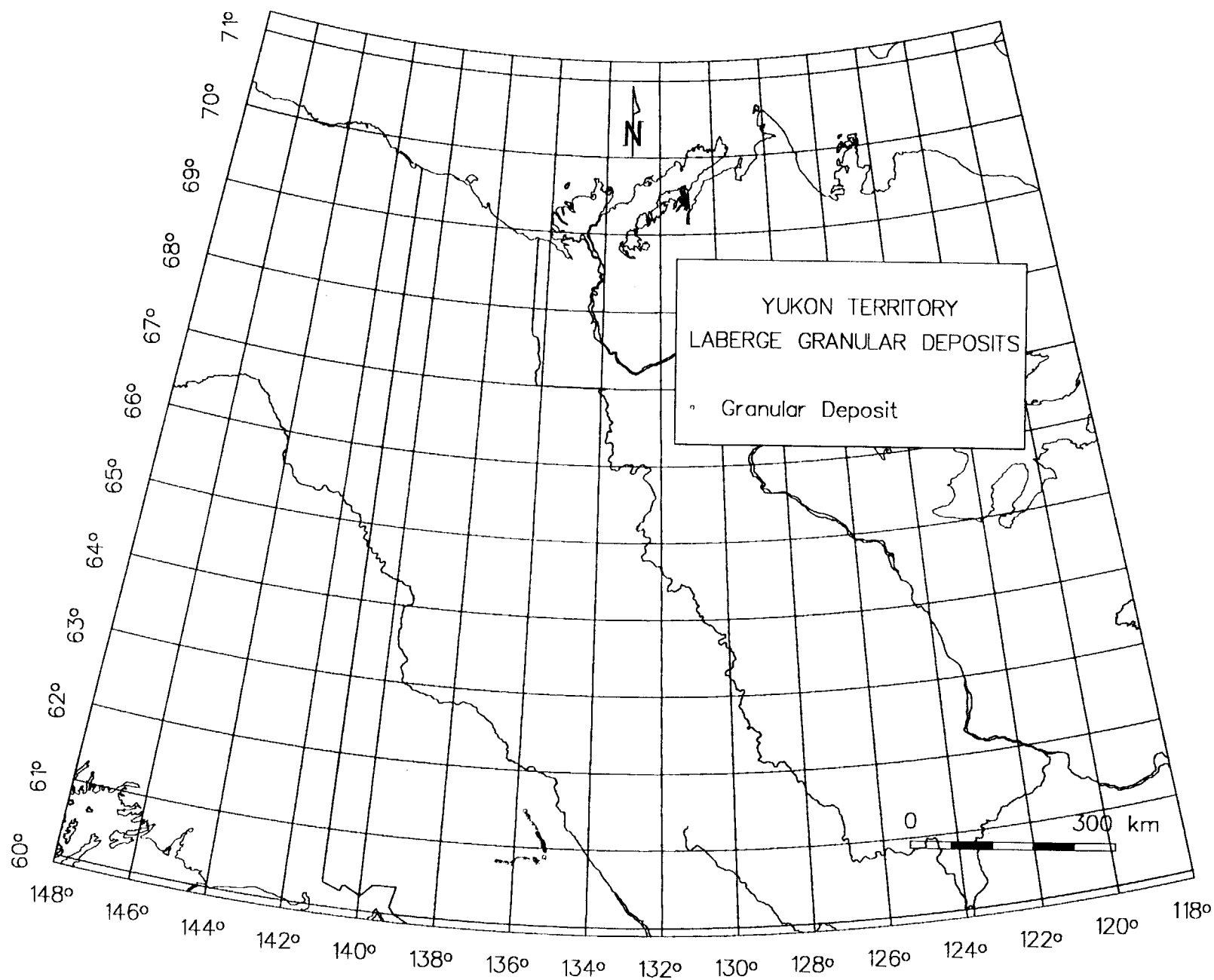
**YUKON  
TERRITORY  
LABERGE  
DISTRICT  
Granular Deposits**

Created By: Hal Leadlay

Technical Advisor: Steve Rozak

Autumn 1993

**Land Management Division  
Indian and Northern Affairs Canada**



62°00'

30'

61°00'

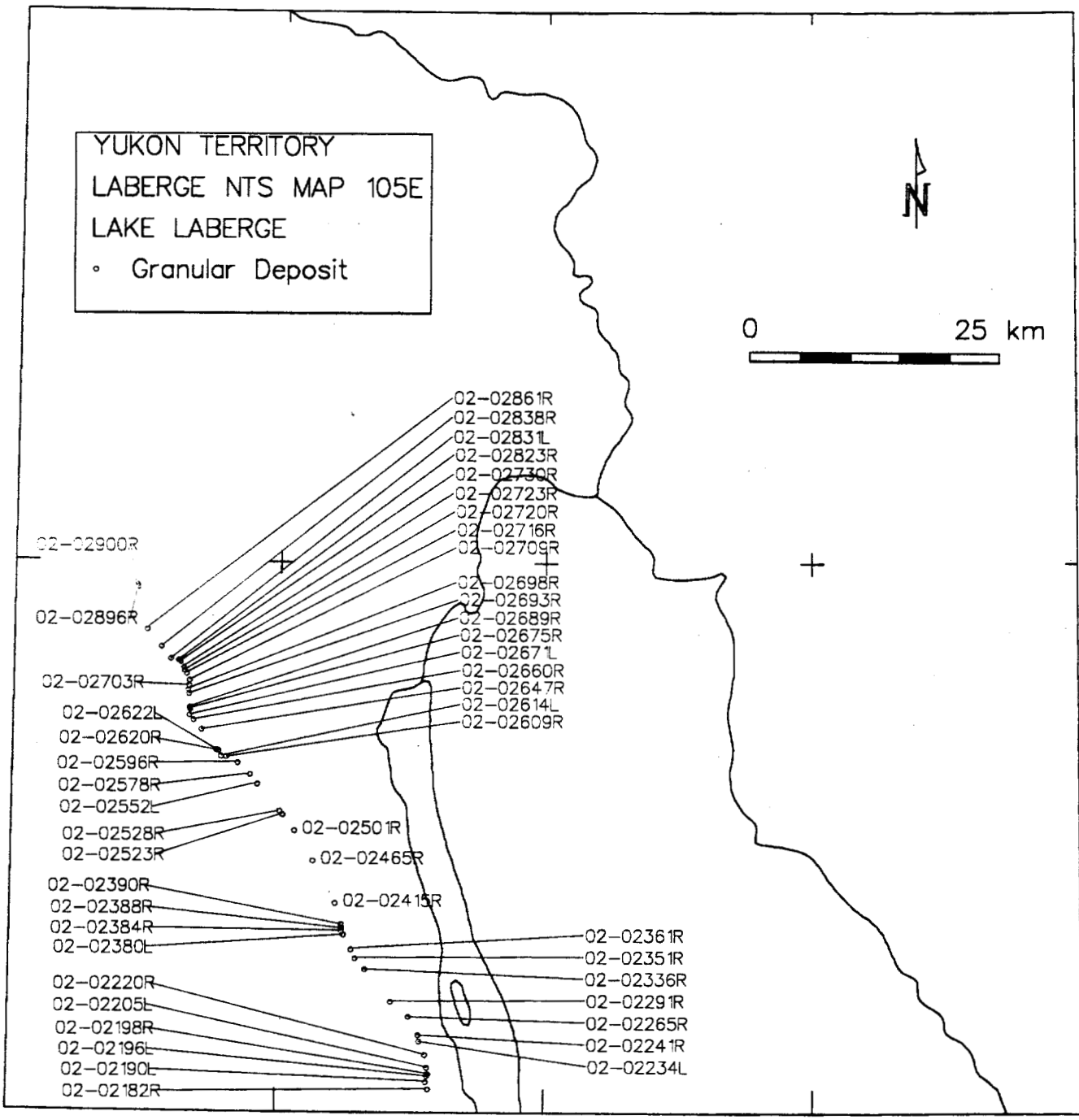
136°00'

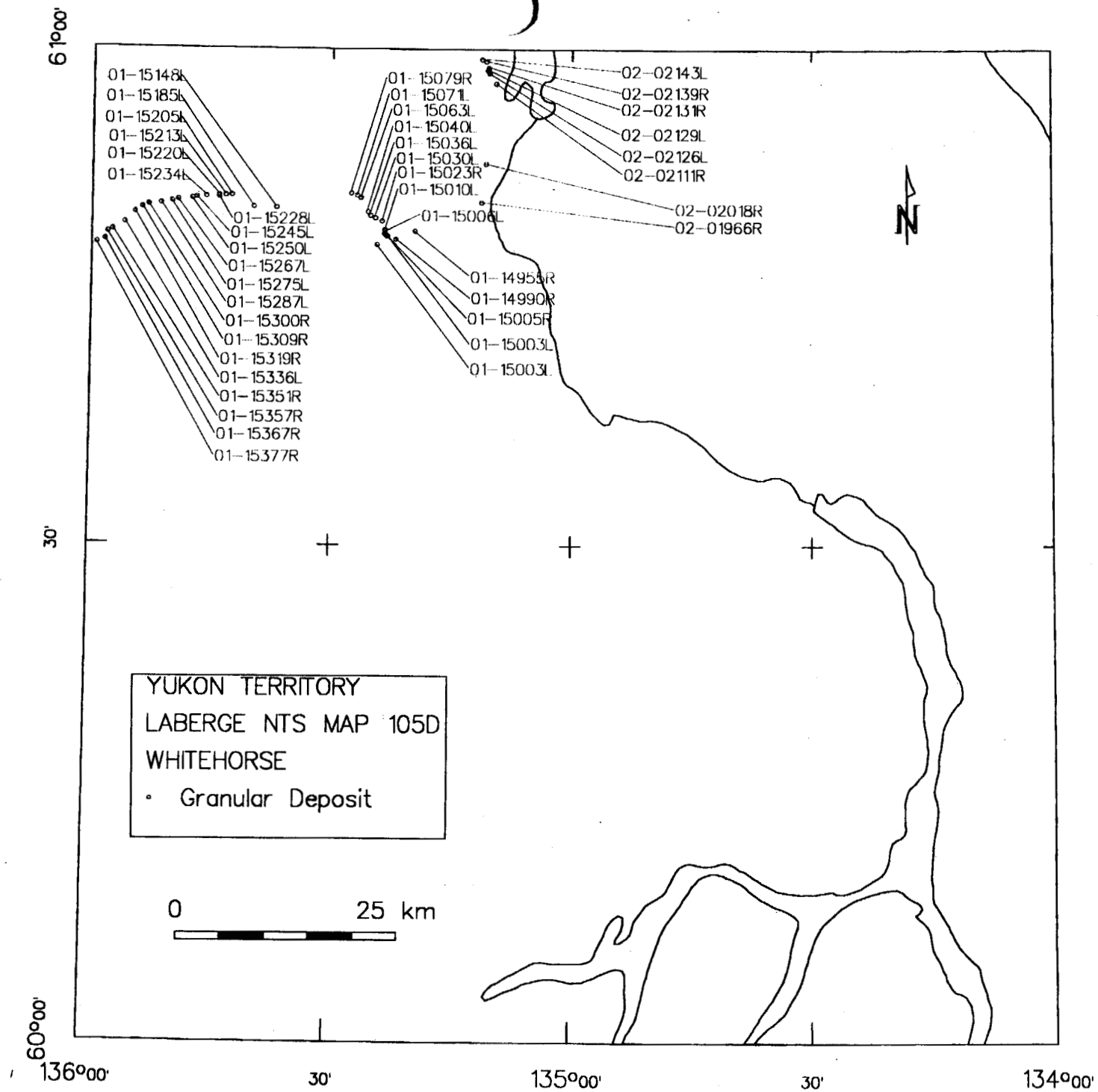
30'

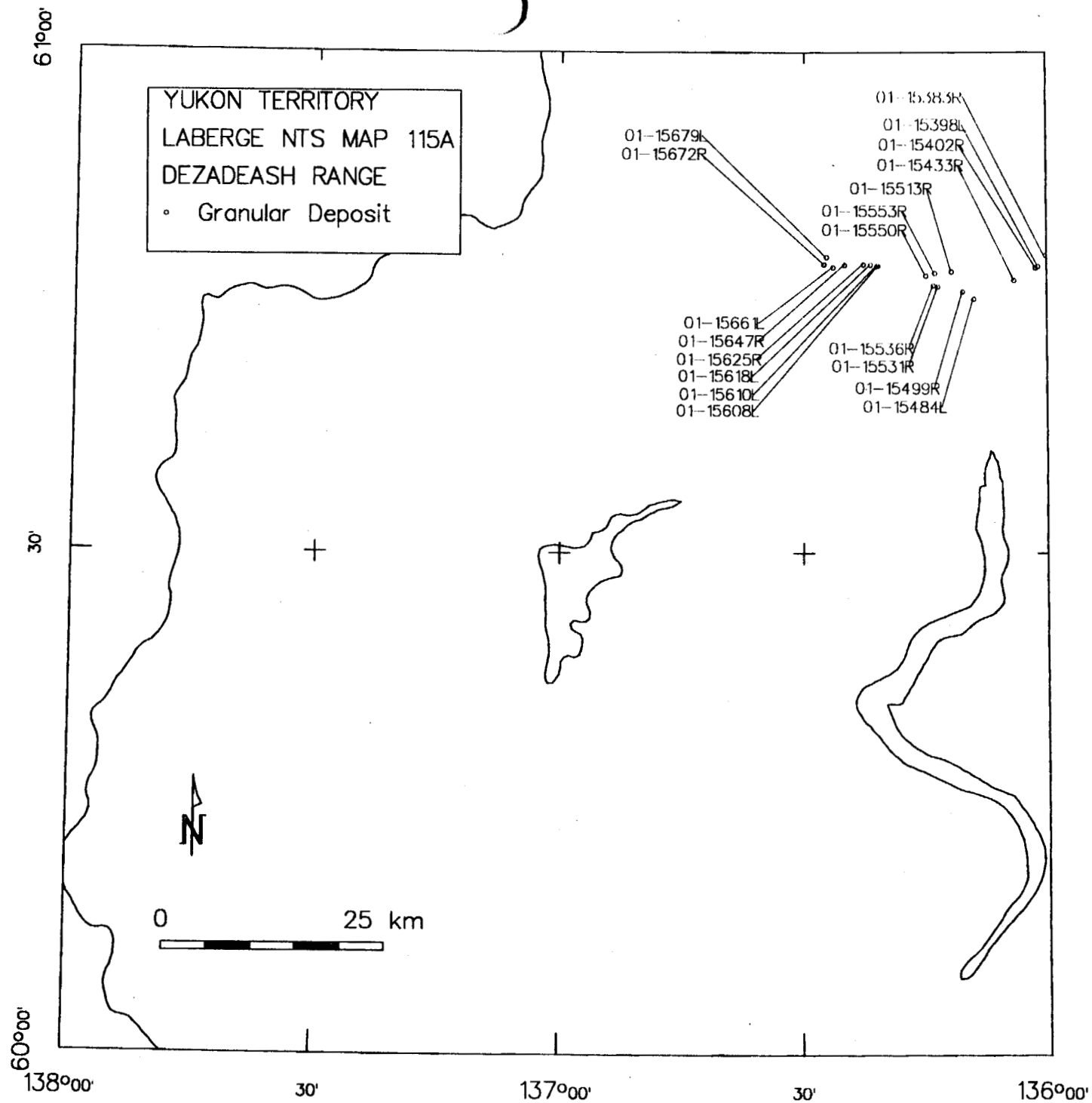
135°00'

30'

134°00'







SOURCE NUMBER: 01-14955R

NTS MAP REFERENCE : 105D/14

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

LOCAL NAMES :  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 7 km North of Klondike Highway Intersection  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1495.5  
OFFSET - DIRECTION : R  
- DISTANCE :  
SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 482250  
NORTHING : 6742250  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS :  
PAST USE :  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE : 1973  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER : 25  
- DEPTH : 2.3 - 3.4 -4.4  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial Channel  
AREA DRAINAGE :  
VEGETATION : Moderate Spruce  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Flat to Rolling  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS : 1.2  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS                                                                         | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------------------------------------------------------------------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                                                                                      |                           |
| MOISTURE CONTENT            |                 |                                                                                      |                           |
| PARTICLE SIZE ANALYSIS      | 4               | GRAVEL(%) : 75-61-50 SAND(%) : 39-31-23 FINES(%) : 12-8-2<br>D-50 :<br>OVERSIZE(%) : |                           |
| PETROGRAPHIC NUMBER         |                 |                                                                                      |                           |
| OTHER TESTS :               |                 |                                                                                      |                           |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 01-14990R

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA : 55.7          |                               |

## ----- Location Details -----

LOCATION : 11 km North of Klondike Highway Intersection  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1499.5  
OFFSET - DIRECTION : R  
- DISTANCE :  
SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

## ----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 480050  
NORTHING : 6741350  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

|                                              |                                                      |
|----------------------------------------------|------------------------------------------------------|
| LAND TENURE : Gravel Pit Reserve Application | STOCKPILE TYPE : Sand and Gravel                     |
| STATUS : Inactive                            | STOCKPILE QUANTITY :                                 |
| PAST USE : Surfacing and Sanding             | EXCAVATED VOLUME - FOR HIGHWAY :<br>- FOR PIPELINE : |
| DEVELOPMENT - POTENTIAL :<br>- CONSTRAINTS : | PERFORMANCE RATING :                                 |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE : 1970  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

|                        |                          |                                   |
|------------------------|--------------------------|-----------------------------------|
| DATA QUALITY :         | TESTPITS - NUMBER :      | TEST HOLE DENSITY :               |
| BOREHOLES - NUMBER : 4 | - DEPTH : 4.3 - 3.7 -3.0 | EXPOSURES - NUMBER :<br>- DEPTH : |

## ----- Source Description -----

|                              |                             |              |
|------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :             | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :              |                             | SLOPE : Flat |
| VEGETATION : Moderate Spruce |                             |              |
| PERMAFROST FEATURES :        |                             |              |
| ACTIVE LAYER THICKNESS :     | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.6    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS                                                              | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|---------------------------------------------------------------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                                                                           |                           |
| MOISTURE CONTENT            |                 |                                                                           |                           |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) : 37<br>D-50 :<br>SAND(%) : 59<br>FINES(%) : 4<br>OVERSIZE(%) : |                           |
| PETROGRAPHIC NUMBER         |                 |                                                                           |                           |
| OTHER TESTS :               |                 |                                                                           |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |



SOURCE NUMBER: 01-15003L

NTS MAP REFERENCE : 105D/14

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

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA : 2.3           |                               |

----- Location Details -----

|                                                           |                                       |
|-----------------------------------------------------------|---------------------------------------|
| LOCATION : 12.6 km North of Klondike Highway Intersection | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME : Alaska Highway                          | UTM ZONE : 8                          |
| - NUMBER : 1                                              | EASTING : 479100                      |
| KILOMETRE POST : 1500.3                                   | NORTHING : 6741700                    |
| OFFSET - DIRECTION : L                                    | LATITUDE :                            |
| - DISTANCE :                                              | LONGITUDE :                           |
|                                                           | <u>SITE ACCESS</u>                    |
|                                                           | ACCESS LENGTH : Adjacent              |
|                                                           | CONDITION :                           |
|                                                           | SOURCE ACCESS : Good                  |

----- Status/Useage Information -----

|                                              |                                  |
|----------------------------------------------|----------------------------------|
| LAND TENURE : Gravel Pit Reserve Application | STOCKPILE TYPE : Gravel          |
| STATUS : Inactive                            | STOCKPILE QUANTITY :             |
| PAST USE : Surfacing                         | EXCAVATED VOLUME - FOR HIGHWAY : |
|                                              | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL :                    | PERFORMANCE RATING :             |
| - CONSTRAINTS :                              |                                  |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

----- Subsurface Data -----

|                         |                      |
|-------------------------|----------------------|
| DATA QUALITY :          | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 24 | EXPOSURES - NUMBER : |
| - DEPTH :               | - DEPTH :            |
| TESTPITS - NUMBER :     |                      |
| - DEPTH :               |                      |

----- Source Description -----

|                                       |                             |              |
|---------------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :                      | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :                       |                             | SLOPE : Flat |
| VEGETATION : Light to Moderate Spruce |                             |              |
| PERMAFROST FEATURES :                 |                             |              |
| ACTIVE LAYER THICKNESS :              | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.6    |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS   | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|----------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                |                           |
| MOISTURE CONTENT            |                 |                |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 57 | SAND(%) : 35 FINES(%) : 8 |
|                             |                 | D-50 :         | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |                |                           |
| OTHER TESTS :               |                 |                |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15003L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

## ----- Location Details -----

|                         |                                                |                                       |
|-------------------------|------------------------------------------------|---------------------------------------|
| LOCATION :              | 12.7 km North of Klondike Highway Intersection | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway                                 | UTM ZONE : 8                          |
| - NUMBER : 1            |                                                | EASTING : 477950                      |
| KILOMETRE POST : 1500.3 |                                                | NORTHING : 6740750                    |
| OFFSET - DIRECTION : L  | <u>SITE ACCESS</u>                             | LATITUDE :                            |
| - DISTANCE :            | ACCESS LENGTH : 1600                           | LONGITUDE :                           |
|                         | CONDITION :                                    |                                       |
|                         | SOURCE ACCESS : Fair                           |                                       |

## ----- Status/Useage Information -----

|                           |                         |                                  |        |
|---------------------------|-------------------------|----------------------------------|--------|
| LAND TENURE :             | Gravel Pit Reserve Plan | STOCKPILE TYPE :                 | Gravel |
| STATUS :                  | Not Developed           | STOCKPILE QUANTITY :             |        |
| PAST USE :                |                         | EXCAVATED VOLUME - FOR HIGHWAY : |        |
|                           |                         | - FOR PIPELINE :                 |        |
| DEVELOPMENT - POTENTIAL : |                         | PERFORMANCE RATING :             |        |
| - CONSTRAINTS :           |                         |                                  |        |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |  |                             |      |
|-----------------------|--|-----------------------------|------|
| INVESTIGATION LEVEL : |  | LAST INVESTIGATION DATE :   | 1975 |
| GEOPHYSICAL DATA :    |  | PRIORITY FOR FUTURE STUDY : |      |

## ----- Subsurface Data -----

|                         |                     |                      |  |
|-------------------------|---------------------|----------------------|--|
| DATA QUALITY :          |                     | TEST HOLE DENSITY :  |  |
| BOREHOLES - NUMBER : 16 | TESTPITS - NUMBER : | EXPOSURES - NUMBER : |  |
| - DEPTH :               | - DEPTH :           | - DEPTH :            |  |

## ----- Source Description -----

|                          |                   |            |  |                         |     |
|--------------------------|-------------------|------------|--|-------------------------|-----|
| GENERIC ORIGIN :         | Glacial Meltwater | LANDFORM : |  | TOPOGRAPHY :            |     |
| AREA DRAINAGE :          |                   |            |  | SLOPE :                 |     |
| VEGETATION :             | Old Burn          |            |  |                         |     |
| PERMAFROST FEATURES :    |                   |            |  |                         |     |
| ACTIVE LAYER THICKNESS : |                   |            |  | SITE DESCRIPTION DATE : | / / |

## ----- Source Stratigraphy -----

|                   |  |                      |  |
|-------------------|--|----------------------|--|
| GRANULAR - TYPE : |  | OVERBURDEN - TYPE :  |  |
| - THICKNESS :     |  | - THICKNESS : 0.3    |  |
|                   |  | UNDERBURDEN - TYPE : |  |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS                                                | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|-------------------------------------------------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                                                             |                           |
| MOISTURE CONTENT            |                 |                                                             |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 38-37-37 SAND(%) : 51-51-51 FINES(%) : 12-12-11 |                           |
|                             |                 | D-50 :                                                      | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |                                                             |                           |
| OTHER TESTS :               |                 |                                                             |                           |

## ----- Material Quantity -----

|           |                      |                      |  |
|-----------|----------------------|----------------------|--|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |  |
| CLASS 3 : | PROBABLE VOLUME :    |                      |  |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |  |
| CLASS 5 : |                      |                      |  |
|           |                      | TOTAL VOLUME :       |  |

SOURCE NUMBER: 01-15005R

NTS MAP REFERENCE : 105D/14

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

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

----- Location Details -----

|                                                           |                                       |
|-----------------------------------------------------------|---------------------------------------|
| LOCATION : 12.8 km North of Klondike Highway Intersection | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME : Alaska Highway                          | UTM ZONE : 8                          |
| - NUMBER : 1                                              | EASTING : 478950                      |
| KILOMETRE POST : 1500.5                                   | NORTHING : 6741850                    |
| OFFSET - DIRECTION : R                                    | LATITUDE :                            |
| - DISTANCE :                                              | LONGITUDE :                           |
|                                                           | <u>SITE ACCESS</u>                    |
|                                                           | ACCESS LENGTH : Adjacent              |
|                                                           | CONDITION :                           |
|                                                           | SOURCE ACCESS :                       |

----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1970 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

----- Subsurface Data -----

|                        |                      |
|------------------------|----------------------|
| DATA QUALITY :         | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 1 | EXPOSURES - NUMBER : |
| - DEPTH :              | - DEPTH :            |
| TESTPITS - NUMBER :    |                      |
| - DEPTH :              |                      |

----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15006L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 13.8 km North of Klondike Highway Intersection  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1500.6  
 OFFSET - DIRECTION : L  
                       - DISTANCE :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 478800  
 NORTHING : 6742000  
 LATITUDE :  
 LONGITUDE :

SITE ACCESS

ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1970 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                        |                     |                      |
|------------------------|---------------------|----------------------|
| DATA QUALITY :         | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 1 | - DEPTH :           | EXPOSURES - NUMBER : |
|                        |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.6    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |
|-----------------------------|------------------------|---------------------|----------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                                  |
| MOISTURE CONTENT            |                        |                     |                                  |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) : FINES(%) :             |
|                             |                        | D-50 :              | OVERSIZE(%) :                    |
| PETROGRAPHIC NUMBER         |                        |                     |                                  |
| OTHER TESTS :               |                        |                     |                                  |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

|                |
|----------------|
| TOTAL VOLUME : |
|----------------|

SOURCE NUMBER: 01-15010L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

|                         |                                                |                                       |
|-------------------------|------------------------------------------------|---------------------------------------|
| LOCATION :              | 14.2 km North of Klondike Highway Intersection | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway                                 | UTM ZONE : 8                          |
| - NUMBER : 1            |                                                | EASTING : 478850                      |
| KILOMETRE POST : 1501.0 | <u>SITE ACCESS</u>                             | NORTHING : 6742400                    |
| OFFSET - DIRECTION : L  | ACCESS LENGTH : 0                              | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                                    | LONGITUDE :                           |
|                         | SOURCE ACCESS :                                |                                       |

## ----- Status/Useage Information -----

|                                    |                                  |
|------------------------------------|----------------------------------|
| LAND TENURE :                      | STOCKPILE TYPE : Sand and Gravel |
| STATUS : Inactive                  | STOCKPILE QUANTITY :             |
| PAST USE : Crushed Sub-Base Course | EXCAVATED VOLUME - FOR HIGHWAY : |
|                                    | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL :          | PERFORMANCE RATING :             |
| - CONSTRAINTS :                    |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE : Flat |
| VEGETATION : Old Burn    |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                                           | TESTS PERFORMED | TEST RESULTS                                             | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------------------------------|-----------------|----------------------------------------------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION                         | 0               |                                                          |                           |
| MOISTURE CONTENT                                    |                 |                                                          |                           |
| PARTICLE SIZE ANALYSIS                              | 0               | GRAVEL(%) : 47-39-27 SAND(%) : 72-60-52 FINES(%) : 1-1-1 |                           |
|                                                     |                 | D-50 :                                                   | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER                                 |                 |                                                          |                           |
| OTHER TESTS : LA Abrasion 15% Loss; Crush Count 74% |                 |                                                          |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15023R

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

## ----- Location Details -----

LOCATION : 15.5 km North of Klondike Highway Intersection  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1502.3  
 OFFSET - DIRECTION : R  
                   - DISTANCE :

SITE ACCESS  
 ACCESS LENGTH : 32.7  
 CONDITION :  
 SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 478500  
 NORTHING : 6743400  
 LATITUDE :  
 LONGITUDE :

## ----- Status/Useage Information -----

|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| LAND TENURE : Gravel Pit Reserve Application | STOCKPILE TYPE : Gravelly Glacial Till |
| STATUS : Not Developed                       | STOCKPILE QUANTITY :                   |
| PAST USE :                                   | EXCAVATED VOLUME - FOR HIGHWAY :       |
|                                              | - FOR PIPELINE :                       |
| DEVELOPMENT - POTENTIAL :                    | PERFORMANCE RATING :                   |
| - CONSTRAINTS :                              |                                        |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1973 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                         |                     |                      |
|-------------------------|---------------------|----------------------|
| DATA QUALITY :          | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 26 | - DEPTH :           | EXPOSURES - NUMBER : |
|                         |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |                      |
|--------------------------|-----------------------------|----------------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY :         |
| AREA DRAINAGE :          |                             | SLOPE : Flat-Rolling |
| VEGETATION : Old Burn    |                             |                      |
| PERMAFROST FEATURES :    |                             |                      |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |                      |

## ----- Source Stratigraphy -----

|                   |                           |
|-------------------|---------------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :       |
| - THICKNESS :     | - THICKNESS : 0.9-0.6-0.3 |
|                   | UNDERBURDEN - TYPE :      |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                      |
|-----------------------------|-----------------|--------------------------|------------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                                |
| MOISTURE CONTENT            |                 |                          |                                                |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 31<br>D-50 : | SAND(%) : 32<br>FINES(%) : 37<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                                |
| OTHER TESTS :               |                 |                          |                                                |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15030L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA : 3.7           |                               |

## ----- Location Details -----

LOCATION : 16.2 km North of Klondike Highway Intersection  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1503.0  
 OFFSET - DIRECTION : L  
                       - DISTANCE :

## ----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
 EASTING : 477750  
 NORTHING : 6743750  
 LATITUDE :  
 LONGITUDE :

## ----- SITE ACCESS -----

ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

## ----- Status/Useage Information -----

|                                              |                                  |
|----------------------------------------------|----------------------------------|
| LAND TENURE : Gravel Pit Reserve Application | STOCKPILE TYPE : Clay            |
| STATUS : Inactive                            | STOCKPILE QUANTITY :             |
| PAST USE : Borrow                            | EXCAVATED VOLUME - FOR HIGHWAY : |
|                                              | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL :                    | PERFORMANCE RATING :             |
| - CONSTRAINTS :                              |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION : Old Burn    |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                     | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-------------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION   | 0               |                       |                                          |
| MOISTURE CONTENT              |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS        | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER           |                 |                       |                                          |
| OTHER TESTS : LL-42.8;PI-16.7 |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : | PROVEN VOLUME :      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROBABLE VOLUME :    | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROSPECTIVE VOLUME : |                      |
| CLASS 4 : |                      |                      |
| CLASS 5 : |                      |                      |

|                |
|----------------|
| TOTAL VOLUME : |
|----------------|

SOURCE NUMBER: 01-15036L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

## ----- Location Details -----

|                        |                                                |                                |
|------------------------|------------------------------------------------|--------------------------------|
| LOCATION :             | 16.8 km North of Klondike Highway Intersection | CO-ORDINATES OF DEPOSIT CENTRE |
| CORRIDOR - NAME :      | Alaska Highway                                 | UTM ZONE : 8                   |
| - NUMBER :             | 1                                              | EASTING : 477200               |
| KILOMETRE POST :       | 1503.6                                         | NORTHING : 6744000             |
| OFFSET - DIRECTION : L | <u>SITE ACCESS</u>                             | LATITUDE :                     |
| - DISTANCE :           | ACCESS LENGTH : Adjacent                       | LONGITUDE :                    |
|                        | CONDITION :                                    |                                |
|                        | SOURCE ACCESS :                                |                                |

## ----- Status/Useage Information -----

|                           |                                  |                                |
|---------------------------|----------------------------------|--------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Gravelly Glacial Till & Gravel |
| STATUS :                  | STOCKPILE QUANTITY :             |                                |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |                                |
|                           | - FOR PIPELINE :                 |                                |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                                |
| - CONSTRAINTS :           |                                  |                                |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |      |
|-----------------------|-----------------------------|------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   | 1973 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |      |

## ----- Subsurface Data -----

|                         |                      |
|-------------------------|----------------------|
| DATA QUALITY :          | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 21 | EXPOSURES - NUMBER : |
| - DEPTH :               | - DEPTH :            |
| TESTPITS - NUMBER :     |                      |
| - DEPTH :               |                      |

## ----- Source Description -----

|                          |                         |                  |
|--------------------------|-------------------------|------------------|
| GENERIC ORIGIN :         | LANDFORM :              | TOPOGRAPHY :     |
| AREA DRAINAGE :          |                         | SLOPE : Hillside |
| VEGETATION : Light Pine  |                         |                  |
| PERMAFROST FEATURES :    |                         |                  |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : | / /              |

## ----- Source Stratigraphy -----

|                   |                           |
|-------------------|---------------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :       |
| - THICKNESS :     | - THICKNESS : 0.9-0.6-0.3 |
|                   | UNDERBURDEN - TYPE :      |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS   | (MINIMUM/AVERAGE/MAXIMUM)  |
|-----------------------------|-----------------|----------------|----------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                |                            |
| MOISTURE CONTENT            |                 |                |                            |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 27 | SAND(%) : 56 FINES(%) : 21 |
|                             |                 | D-50 :         | OVERSIZE(%) :              |
| PETROGRAPHIC NUMBER         |                 |                |                            |
| OTHER TESTS :               |                 |                |                            |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |



SOURCE NUMBER: 01-15040L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 17.2 km North of Klondike Highway Intersection  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1504.0  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

SITE ACCESS  
 ACCESS LENGTH : 305  
 CONDITION :  
 SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 476900  
 NORTHING : 6744450  
 LATITUDE :  
 LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE :  
 STATUS : Inactive  
 PAST USE : Borrow Pit

STOCKPILE TYPE : Glacial Till  
 STOCKPILE QUANTITY :  
 EXCAVATED VOLUME - FOR HIGHWAY :  
                                   - FOR PIPELINE :  
 PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
                   - CONSTRAINTS :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
 GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1973  
 PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

DATA QUALITY :  
 BOREHOLES - NUMBER : 15  
                   - DEPTH :

TESTPITS - NUMBER :  
                   - DEPTH :

TEST HOLE DENSITY :  
 EXPOSURES - NUMBER :  
                   - DEPTH :

## ----- Source Description -----

GENERIC ORIGIN :  
 AREA DRAINAGE :  
 VEGETATION : Light Pine  
 PERMAFROST FEATURES :  
 ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
 SLOPE : Sidehill

SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

GRANULAR - TYPE :  
                   - THICKNESS :

OVERBURDEN - TYPE :  
                   - THICKNESS : 0.9-0.6-0.1  
 UNDERBURDEN - TYPE :

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u>      | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |                                |  |
|-----------------------------|------------------------|--------------------------|----------------------------------|--------------------------------|--|
| UNIFIED SOIL CLASSIFICATION | 0                      |                          |                                  |                                |  |
| MOISTURE CONTENT            |                        |                          |                                  |                                |  |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) : 34<br>D-50 : | SAND(%) : 55                     | FINES(%) : 11<br>OVERSIZE(%) : |  |
| PETROGRAPHIC NUMBER         |                        |                          |                                  |                                |  |
| OTHER TESTS :               |                        |                          |                                  |                                |  |

## ----- Material Quantity -----

CLASS 1 :  
 CLASS 2 :  
 CLASS 3 :  
 CLASS 4 :  
 CLASS 5 :

PROVEN VOLUME :  
 PROBABLE VOLUME :  
 PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
 ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15063L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 19.5 km North of Klondike Highway Intersection  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1506.3  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 476100  
 NORTHING : 6746050  
 LATITUDE :  
 LONGITUDE :

## SITE ACCESS

ACCESS LENGTH : 186  
 CONDITION :  
 SOURCE ACCESS : Good

## ----- Status/Useage Information -----

|                                              |                                                      |
|----------------------------------------------|------------------------------------------------------|
| LAND TENURE :                                | STOCKPILE TYPE : Gravelly Glacial Till & Gravel      |
| STATUS : Inactive                            | STOCKPILE QUANTITY :                                 |
| PAST USE : Borrow Pit                        | EXCAVATED VOLUME - FOR HIGHWAY :<br>- FOR PIPELINE : |
| DEVELOPMENT - POTENTIAL :<br>- CONSTRAINTS : | PERFORMANCE RATING :                                 |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1973 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                         |                     |                      |
|-------------------------|---------------------|----------------------|
| DATA QUALITY :          | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 17 |                     | EXPOSURES - NUMBER : |
| - DEPTH :               | - DEPTH :           | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                       |
|-------------------|-----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :   |
| - THICKNESS :     | - THICKNESS : 0.6-0.3 |
|                   | UNDERBURDEN - TYPE :  |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS (MINIMUM/AVERAGE/MAXIMUM) |              |               |
|-----------------------------|-----------------|----------------------------------------|--------------|---------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                                        |              |               |
| MOISTURE CONTENT            |                 |                                        |              |               |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) : 22                         | SAND(%) : 74 | FINES(%) : 4  |
|                             |                 | D-50 :                                 |              | OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                                        |              |               |
| OTHER TESTS :               |                 |                                        |              |               |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15071L

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                   |                 |                      |            |
|-------------------|-----------------|----------------------|------------|
| LOCAL NAMES       | : Takhini River | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :               | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :               | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:            | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :               | MAP DIGITIZER NUMBER | :          |
| AREA              | :               |                      |            |

## ----- Location Details -----

LOCATION : 20.3 km North of Klondike Highway Intersection  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1507.1  
 OFFSET - DIRECTION : L  
                       - DISTANCE :

## ----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
 EASTING : 475700  
 NORTHING : 6746300  
 LATITUDE :  
 LONGITUDE :

## ----- SITE ACCESS -----

ACCESS LENGTH : 321  
 CONDITION :  
 SOURCE ACCESS : Good

## ----- Status/Useage Information -----

|                         |              |                                |                       |
|-------------------------|--------------|--------------------------------|-----------------------|
| LAND TENURE             | :            | STOCKPILE TYPE                 | : Sand, Silt and Clay |
| STATUS                  | : Inactive   | STOCKPILE QUANTITY             | :                     |
| PAST USE                | : Borrow Pit | EXCAVATED VOLUME - FOR HIGHWAY | :                     |
|                         |              | - FOR PIPELINE                 | :                     |
| DEVELOPMENT - POTENTIAL | :            | PERFORMANCE RATING             | :                     |
| - CONSTRAINTS           | :            |                                |                       |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |        |
|---------------------|---|---------------------------|--------|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : 1973 |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | :      |

## ----- Subsurface Data -----

|                    |      |                    |   |
|--------------------|------|--------------------|---|
| DATA QUALITY       | :    | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : 10 | EXPOSURES - NUMBER | : |
| - DEPTH            | :    | - DEPTH            | : |

## ----- Source Description -----

|                        |              |                       |       |            |              |
|------------------------|--------------|-----------------------|-------|------------|--------------|
| GENERIC ORIGIN         | :            | LANDFORM              | :     | TOPOGRAPHY | :            |
| AREA DRAINAGE          | :            |                       |       | SLOPE      | : Flat Rocky |
| VEGETATION             | : Light Pine |                       |       |            |              |
| PERMAFROST FEATURES    | :            |                       |       |            |              |
| ACTIVE LAYER THICKNESS | :            | SITE DESCRIPTION DATE | : / / |            |              |

## ----- Source Stratigraphy -----

|                 |   |                    |           |
|-----------------|---|--------------------|-----------|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | :         |
| - THICKNESS     | : | - THICKNESS        | : 0.6-0.3 |
|                 |   | UNDERBURDEN - TYPE | :         |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                     |
|-----------------------------|-----------------|--------------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                               |
| MOISTURE CONTENT            |                 |                          |                                               |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) : 19<br>D-50 : | SAND(%) : 80<br>FINES(%) : 1<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                               |
| OTHER TESTS                 |                 |                          |                                               |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15079R

NTS MAP REFERENCE : 1050/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA : 1.37          |                               |          |

## ----- Location Details -----

|                         |                                                |                                       |
|-------------------------|------------------------------------------------|---------------------------------------|
| LOCATION :              | 21.1 km North of Klondike Highway Intersection | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway                                 | UTM ZONE : 8                          |
| - NUMBER : 1            |                                                | EASTING : 475000                      |
| KILOMETRE POST : 1507.9 |                                                | NORTHING : 6746550                    |
| OFFSET - DIRECTION : R  | <u>SITE ACCESS</u>                             | LATITUDE :                            |
| - DISTANCE :            | ACCESS LENGTH : 0                              | LONGITUDE :                           |
|                         | CONDITION :                                    |                                       |
|                         | SOURCE ACCESS :                                |                                       |

## ----- Status/Useage Information -----

|                           |                  |                                  |      |
|---------------------------|------------------|----------------------------------|------|
| LAND TENURE :             | Silt Pit Reserve | STOCKPILE TYPE :                 | Silt |
| STATUS :                  | Inactive         | STOCKPILE QUANTITY :             |      |
| PAST USE :                | Borrow           | EXCAVATED VOLUME - FOR HIGHWAY : |      |
|                           |                  | - FOR PIPELINE :                 |      |
| DEVELOPMENT - POTENTIAL : |                  | PERFORMANCE RATING :             |      |
| - CONSTRAINTS :           |                  |                                  |      |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

## ----- Subsurface Data -----

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| DATA QUALITY :       | TESTPIITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :            | EXPOSURES - NUMBER : |
| - DEPTH :            |                      | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION : Old Burn    |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
|                             |                 |              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15148L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA : 242           |                               |

## ----- Location Details -----

LOCATION : 7.3 km South of Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1514.8  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

SITE ACCESS  
 ACCESS LENGTH : 435  
 CONDITION :  
 SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 466550  
 NORTHING : 6744950  
 LATITUDE :  
 LONGITUDE :

## ----- Status/Useage Information -----

|                                              |                                  |
|----------------------------------------------|----------------------------------|
| LAND TENURE : Gravel Pit Reserve Application | STOCKPILE TYPE : Sand and Gravel |
| STATUS : Not Developed                       | STOCKPILE QUANTITY : 250,000     |
| PAST USE :                                   | EXCAVATED VOLUME - FOR HIGHWAY : |
|                                              | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL :                    | PERFORMANCE RATING :             |
| - CONSTRAINTS :                              |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1976 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                        |                      |
|----------------------|------------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 74 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :              | EXPOSURES - NUMBER : |
| - DEPTH :            |                        | - DEPTH :            |

## ----- Source Description -----

|                                      |                             |              |
|--------------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN : Glacial Hang. Delta | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :                      |                             | SLOPE :      |
| VEGETATION : Old Burn                |                             |              |
| PERMAFROST FEATURES :                |                             |              |
| ACTIVE LAYER THICKNESS :             | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 1.5    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u>      | (MINIMUM/AVERAGE/MAXIMUM)                     |
|-----------------------------|------------------------|--------------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                          |                                               |
| MOISTURE CONTENT            |                        |                          |                                               |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) : 45<br>D-50 : | SAND(%) : 51<br>FINES(%) : 4<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                        |                          |                                               |
| OTHER TESTS :               |                        |                          |                                               |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15185L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA : 18.5          |                               |

## ----- Location Details -----

LOCATION : 3.6 km South of Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1518.5  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

SITE ACCESS  
 ACCESS LENGTH : 1600  
 CONDITION :  
 SOURCE ACCESS : Fair

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 463950  
 NORTHING : 6745050  
 LATITUDE :  
 LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE : Gravel Pit Reserve Application  
 STATUS : Active  
 PAST USE : Surfacing

STOCKPILE TYPE : Gravel  
 STOCKPILE QUANTITY : 7646  
 EXCAVATED VOLUME - FOR HIGHWAY :  
                                   - FOR PIPELINE :  
 PERFORMANCE RATING : Fair

DEVELOPMENT - POTENTIAL :  
                   - CONSTRAINTS :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
 GEOPHYSICAL DATA :  
 LAST INVESTIGATION DATE : 1969  
 PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

|                         |                     |                      |
|-------------------------|---------------------|----------------------|
| DATA QUALITY :          | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 16 |                     | EXPOSURES - NUMBER : |
| - DEPTH :               | - DEPTH :           | - DEPTH :            |

## ----- Source Description -----

|                          |                             |                            |
|--------------------------|-----------------------------|----------------------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY :               |
| AREA DRAINAGE :          |                             | SLOPE : Steepsided Terrace |
| VEGETATION : Old Burn    |                             |                            |
| PERMAFROST FEATURES :    |                             |                            |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |                            |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                     |
|-----------------------------|-----------------|--------------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                               |
| MOISTURE CONTENT            |                 |                          |                                               |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 43<br>D-50 : | SAND(%) : 50<br>FINES(%) : 7<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                               |
| OTHER TESTS :               |                 |                          |                                               |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15205L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

|                        |                                      |                                       |
|------------------------|--------------------------------------|---------------------------------------|
| LOCATION :             | 1.9 km South of Takhini River Bridge | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :      | Alaska Highway                       | UTM ZONE : 8                          |
| - NUMBER :             | 1                                    | EASTING : 461500                      |
| KILOMETRE POST :       | 1520.5                               | NORTHING : 6746400                    |
| OFFSET - DIRECTION : L | <u>SITE ACCESS</u>                   | LATITUDE :                            |
| - DISTANCE :           | ACCESS LENGTH : 0                    | LONGITUDE :                           |
|                        | CONDITION :                          |                                       |
|                        | SOURCE ACCESS :                      |                                       |

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Clean Fine Sand |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.6    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|------------------------|---------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                           |
| MOISTURE CONTENT            |                        |                     |                           |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) : FINES(%) :      |
|                             |                        | D-50 :              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                        |                     |                           |
| OTHER TESTS : PI-NP         |                        |                     |                           |

## ----- Material Quantity -----

|           |                      |                                                                          |
|-----------|----------------------|--------------------------------------------------------------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :                                                      |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE :                                                     |
| CLASS 3 : | PROBABLE VOLUME :    |                                                                          |
| CLASS 4 : | PROSPECTIVE VOLUME : | <div style="border: 1px solid black; padding: 2px;">TOTAL VOLUME :</div> |
| CLASS 5 : |                      |                                                                          |

SOURCE NUMBER: 01-15213L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : .8 km South of Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1521.3  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

## SITE ACCESS

ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 460800  
 NORTHING : 6746350  
 LATITUDE :  
 LONGITUDE :

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.8    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |



SOURCE NUMBER: 01-15220L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                   |                        |                      |            |
|-------------------|------------------------|----------------------|------------|
| LOCAL NAMES       | : Takhini River Bridge | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                      | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                      | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                   | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                      | MAP DIGITIZER NUMBER | :          |
| AREA              | :                      |                      |            |

## ----- Location Details -----

LOCATION : at Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1522.0  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

SITE ACCESS  
 ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 460050  
 NORTHING : 6746350  
 LATITUDE :  
 LONGITUDE :

## ----- Status/Useage Information -----

|                         |   |                                |   |
|-------------------------|---|--------------------------------|---|
| LAND TENURE             | : | STOCKPILE TYPE                 | : |
| STATUS                  | : | STOCKPILE QUANTITY             | : |
| PAST USE                | : | EXCAVATED VOLUME - FOR HIGHWAY | : |
|                         |   | - FOR PIPELINE                 | : |
| DEVELOPMENT - POTENTIAL | : | PERFORMANCE RATING             | : |
| - CONSTRAINTS           | : |                                |   |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |        |
|---------------------|---|---------------------------|--------|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : 1969 |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | :      |

## ----- Subsurface Data -----

|                    |     |                    |   |
|--------------------|-----|--------------------|---|
| DATA QUALITY       | :   | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | :   | EXPOSURES - NUMBER | : |
| - DEPTH            | :   | - DEPTH            | : |
| TESTPITS - NUMBER  | : 1 |                    |   |

## ----- Source Description -----

|                        |   |          |   |                       |       |
|------------------------|---|----------|---|-----------------------|-------|
| GENERIC ORIGIN         | : | LANDFORM | : | TOPOGRAPHY            | :     |
| AREA DRAINAGE          | : |          |   | SLOPE                 | :     |
| VEGETATION             | : |          |   |                       |       |
| PERMAFROST FEATURES    | : |          |   |                       |       |
| ACTIVE LAYER THICKNESS | : |          |   | SITE DESCRIPTION DATE | : / / |

## ----- Source Stratigraphy -----

|                 |   |                    |       |
|-----------------|---|--------------------|-------|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | :     |
| - THICKNESS     | : | - THICKNESS        | : 0.6 |
|                 |   | UNDERBURDEN - TYPE | :     |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS                 |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15228L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

## ----- Location Details -----

LOCATION : 0.7 km North of Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1522.8  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 460050  
 NORTHING : 6746200  
 LATITUDE :  
 LONGITUDE :

SITE ACCESS

ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

## ----- Status/Useage Information -----

|                           |                                  |                          |
|---------------------------|----------------------------------|--------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Clean-Medium-Coarse Sand |
| STATUS :                  | STOCKPILE QUANTITY :             |                          |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |                          |
|                           | - FOR PIPELINE :                 |                          |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                          |
| - CONSTRAINTS :           |                                  |                          |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1970 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE : Flat |
| VEGETATION : Old Burn    |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|------------------------|---------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                           |
| MOISTURE CONTENT            |                        |                     |                           |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) : FINES(%) :      |
|                             |                        | D-50 :              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                        |                     |                           |
| OTHER TESTS :               |                        |                     |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15234L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 1.3 km North of Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1523.4  
 OFFSET - DIRECTION : L  
                   - DISTANCE :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 458600  
 NORTHING : 6746250  
 LATITUDE :  
 LONGITUDE :

SITE ACCESS

ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                         |
|-------------------|-------------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :     |
| - THICKNESS :     | - THICKNESS : 0.3 - 0.3 |
|                   | UNDERBURDEN - TYPE :    |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|------------------------|---------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                           |
| MOISTURE CONTENT            |                        |                     |                           |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) : FINES(%) :      |
|                             |                        | D-50 :              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                        |                     |                           |
| OTHER TESTS :               |                        |                     |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

|                |
|----------------|
| TOTAL VOLUME : |
|----------------|

SOURCE NUMBER: 01-15245L

NTS MAP REFERENCE : 1050/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 2.4 km North of Takhini River Bridge  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1524.5  
 OFFSET - DIRECTION : L  
                       - DISTANCE :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 457500  
 NORTHING : 6746150  
 LATITUDE :  
 LONGITUDE :

SITE ACCESS

ACCESS LENGTH : Adjacent  
 CONDITION :  
 SOURCE ACCESS :

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.6    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |               |
|-----------------------------|------------------------|---------------------|----------------------------------|---------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                                  |               |
| MOISTURE CONTENT            |                        |                     |                                  |               |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) :                        | FINES(%) :    |
|                             |                        | D-50 :              |                                  | OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                        |                     |                                  |               |
| OTHER TESTS :               |                        |                     |                                  |               |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15250L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

## ----- Location Details -----

|                         |                                      |                                       |
|-------------------------|--------------------------------------|---------------------------------------|
| LOCATION :              | 2.9 km North of Takhini River Bridge | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway                       | UTM ZONE : 8                          |
| - NUMBER : 1            |                                      | EASTING : 457000                      |
| KILOMETRE POST : 1525.0 | <u>SITE ACCESS</u>                   | NORTHING : 6746050                    |
| OFFSET - DIRECTION : L  | ACCESS LENGTH : Adjacent             | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                          | LONGITUDE :                           |
|                         | SOURCE ACCESS :                      |                                       |

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.6    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15267L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

## ----- Location Details -----

|                        |                                      |                                       |
|------------------------|--------------------------------------|---------------------------------------|
| LOCATION :             | 4.6 km North of Takhini River Bridge | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :      | Alaska Highway                       | UTM ZONE : 8                          |
| - NUMBER :             | 1                                    | EASTING : 455400                      |
| KILOMETRE POST :       | 1526.7                               | NORTHING : 6745900                    |
| OFFSET - DIRECTION : L | <u>SITE ACCESS</u>                   | LATITUDE :                            |
| - DISTANCE :           | ACCESS LENGTH : Adjacent             | LONGITUDE :                           |
|                        | CONDITION :                          |                                       |
|                        | SOURCE ACCESS :                      |                                       |

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
|                      |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                         |
|-------------------|-------------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :     |
| - THICKNESS :     | - THICKNESS : 0.6 - 0.6 |
|                   | UNDERBURDEN - TYPE :    |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                                                                          |
|-----------|----------------------|--------------------------------------------------------------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :                                                      |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE :                                                     |
| CLASS 3 : | PROBABLE VOLUME :    |                                                                          |
| CLASS 4 : | PROSPECTIVE VOLUME : | <div style="border: 1px solid black; padding: 2px;">TOTAL VOLUME :</div> |
| CLASS 5 : |                      |                                                                          |

SOURCE NUMBER: 01-15275L

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

## ----- Location Details -----

|                        |                                      |                                |
|------------------------|--------------------------------------|--------------------------------|
| LOCATION :             | 5.4 km North of Taknini River Bridge | CO-ORDINATES OF DEPOSIT CENTRE |
| CORRIDOR - NAME :      | Alaska Highway                       | UTM ZONE : 8                   |
| - NUMBER :             | 1                                    | EASTING : 454700               |
| KILOMETRE POST :       | 1527.5                               | NORTHING : 6745700             |
| OFFSET - DIRECTION : L | SITE ACCESS                          | LATITUDE :                     |
| - DISTANCE :           | ACCESS LENGTH : Adjacent             | LONGITUDE :                    |
|                        | CONDITION :                          |                                |
|                        | SOURCE ACCESS :                      |                                |

## ----- Status/Useage Information -----

|                           |                                  |           |
|---------------------------|----------------------------------|-----------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Fine Sand |
| STATUS :                  | STOCKPILE QUANTITY :             |           |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |           |
|                           | - FOR PIPELINE :                 |           |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |           |
| - CONSTRAINTS :           |                                  |           |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |      |
|-----------------------|-----------------------------|------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   | 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |      |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                         |              |
|--------------------------|-------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :              | TOPOGRAPHY : |
| AREA DRAINAGE :          |                         | SLOPE :      |
| VEGETATION :             |                         |              |
| PERMAFROST FEATURES :    |                         |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : | / /          |

## ----- Source Stratigraphy -----

|                   |                      |     |
|-------------------|----------------------|-----|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |     |
| - THICKNESS :     | - THICKNESS :        | 0.6 |
|                   | UNDERBURDEN - TYPE : |     |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
|                             |                 |              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15287L

NTS MAP REFERENCE : 105D/13

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

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

----- Location Details -----

|                         |                             |                                       |
|-------------------------|-----------------------------|---------------------------------------|
| LOCATION :              | 9.4 km South of Stony Creek | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway              | UTM ZONE : 8                          |
| - NUMBER : 1            |                             | EASTING : 453450                      |
| KILOMETRE POST : 1528.7 | <u>SITE ACCESS</u>          | NORTHING : 6745500                    |
| OFFSET - DIRECTION : L  | ACCESS LENGTH : 0           | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                 | LONGITUDE :                           |
|                         | SOURCE ACCESS :             |                                       |

----- Status/Useage Information -----

|                           |                                  |             |
|---------------------------|----------------------------------|-------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Varved Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |             |
| PAST USE : Borrow Pit     | EXCAVATED VOLUME - FOR HIGHWAY : |             |
|                           | - FOR PIPELINE :                 |             |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |             |
| - CONSTRAINTS :           |                                  |             |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1967 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

----- Source Description -----

|                                      |                             |              |
|--------------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :                     | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :                      |                             | SLOPE : Flat |
| VEGETATION : Light Poplar and Spruce |                             |              |
| PERMAFROST FEATURES :                |                             |              |
| ACTIVE LAYER THICKNESS :             | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                                                                          |
|-----------|----------------------|--------------------------------------------------------------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :                                                      |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE :                                                     |
| CLASS 3 : | PROBABLE VOLUME :    |                                                                          |
| CLASS 4 : | PROSPECTIVE VOLUME : | <div style="border: 1px solid black; padding: 2px;">TOTAL VOLUME :</div> |
| CLASS 5 : |                      |                                                                          |



SOURCE NUMBER: 01-15300R

NTS MAP REFERENCE : 105D/13

## PART A: DEPOSIT LOCATION AND STATUS

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : Old Champagne Trail | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

## Location Details

LOCATION : 8.1 km South of Stony Creek  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1  
 KILOMETRE POST : 1530.0  
 OFFSET - DIRECTION : R  
                   - DISTANCE :

## SITE ACCESS

ACCESS LENGTH : 0  
 CONDITION :  
 SOURCE ACCESS :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
 EASTING : 452050  
 NORTHING : 6745350  
 LATITUDE :  
 LONGITUDE :

## Status/Useage Information

|                         |   |                                |   |
|-------------------------|---|--------------------------------|---|
| LAND TENURE             | : | STOCKPILE TYPE                 | : |
| STATUS                  | : | STOCKPILE QUANTITY             | : |
| PAST USE                | : | EXCAVATED VOLUME - FOR HIGHWAY | : |
|                         |   | - FOR PIPELINE                 | : |
| DEVELOPMENT - POTENTIAL | : | PERFORMANCE RATING             | : |
| - CONSTRAINTS           | : |                                |   |

## PART B: SOURCE INVESTIGATION AND DESCRIPTION

|                     |   |                           |   |
|---------------------|---|---------------------------|---|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | : |

## Subsurface Data

|                    |   |                    |   |
|--------------------|---|--------------------|---|
| DATA QUALITY       | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : | - DEPTH            | : |
| TESTPITS - NUMBER  | : |                    |   |
| - DEPTH            | : |                    |   |

## Source Description

|                        |   |          |   |                       |       |
|------------------------|---|----------|---|-----------------------|-------|
| GENERIC ORIGIN         | : | LANDFORM | : | TOPOGRAPHY            | :     |
| AREA DRAINAGE          | : |          |   | SLOPE                 | :     |
| VEGETATION             | : |          |   |                       |       |
| PERMAFROST FEATURES    | : |          |   |                       |       |
| ACTIVE LAYER THICKNESS | : |          |   | SITE DESCRIPTION DATE | : / / |

## Source Stratigraphy

|                 |   |                    |       |
|-----------------|---|--------------------|-------|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | :     |
| - THICKNESS     | : | - THICKNESS        | : 0.3 |
|                 |   | UNDERBURDEN - TYPE | :     |

## PART C: TEST RESULTS AND MATERIAL QUALITY

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
| PETROGRAPHIC NUMBER         |                 |              | OVERSIZE(%) :             |
| OTHER TESTS                 |                 |              |                           |

## Material Quantity

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15309R

NTS MAP REFERENCE : 105D/13

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

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

----- Location Details -----

|                         |                             |                                       |
|-------------------------|-----------------------------|---------------------------------------|
| LOCATION :              | 7.2 km South of Stony Creek | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway              | UTM ZONE : 8                          |
| - NUMBER : 1            |                             | EASTING : 451350                      |
| KILOMETRE POST : 1530.9 | <u>SITE ACCESS</u>          | NORTHING : 6745050                    |
| OFFSET - DIRECTION : R  | ACCESS LENGTH : 0           | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                 | LONGITUDE :                           |
|                         | SOURCE ACCESS :             |                                       |

----- Status/Useage Information -----

|                           |                                  |            |
|---------------------------|----------------------------------|------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Silty Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |            |
| PAST USE : Borrow Pit     | EXCAVATED VOLUME - FOR HIGHWAY : |            |
|                           | - FOR PIPELINE :                 |            |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |            |
| - CONSTRAINTS :           |                                  |            |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

----- Source Description -----

|                           |                             |              |
|---------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :          | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :           |                             | SLOPE :      |
| VEGETATION : Light Poplar |                             |              |
| PERMAFROST FEATURES :     |                             |              |
| ACTIVE LAYER THICKNESS :  | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                                                                          |
|-----------|----------------------|--------------------------------------------------------------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :                                                      |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE :                                                     |
| CLASS 3 : | PROBABLE VOLUME :    |                                                                          |
| CLASS 4 : | PROSPECTIVE VOLUME : | <div style="border: 1px solid black; padding: 2px;">TOTAL VOLUME :</div> |
| CLASS 5 : |                      |                                                                          |

SOURCE NUMBER: 01-15319R

NTS MAP REFERENCE : 105D/13

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

## ----- Location Details -----

|                         |                             |                                       |
|-------------------------|-----------------------------|---------------------------------------|
| LOCATION :              | 8.2 km South of Stony Creek | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway              | UTM ZONE : 8                          |
| - NUMBER : 1            |                             | EASTING : 450500                      |
| KILOMETRE POST : 1531.9 | <u>SITE ACCESS</u>          | NORTHING : 6744500                    |
| OFFSET - DIRECTION : R  | ACCESS LENGTH : Adjacent    | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                 | LONGITUDE :                           |
|                         | SOURCE ACCESS :             |                                       |

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.3    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|------------------------|---------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                           |
| MOISTURE CONTENT            |                        |                     |                           |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) : FINES(%) :      |
|                             |                        | D-50 :              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                        |                     |                           |
| OTHER TESTS :               |                        |                     |                           |

## ----- Material Quantity -----

|           |                      |                                                                          |
|-----------|----------------------|--------------------------------------------------------------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :                                                      |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE :                                                     |
| CLASS 3 : | PROBABLE VOLUME :    |                                                                          |
| CLASS 4 : | PROSPECTIVE VOLUME : | <div style="border: 1px solid black; padding: 2px;">TOTAL VOLUME :</div> |
| CLASS 5 : |                      |                                                                          |

SOURCE NUMBER: 01-15336L

NTS MAP REFERENCE : 105D/13

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

LOCAL NAMES : STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER : ALTER. STUDY NUMBER :  
SOURCE CROSS REF. : STUDY CROSS REF. :  
SITE PLAN SCALE : 1: STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER : MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 4.5 km South of Stony Creek  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1533.6  
OFFSET - DIRECTION : L  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 449300  
NORTHING : 6743350  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

----- Status/Useage Information -----

LAND TENURE : STOCKPILE TYPE :  
STATUS : STOCKPILE QUANTITY :  
PAST USE : EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL : PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL : LAST INVESTIGATION DATE : 1969  
GEOPHYSICAL DATA : PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY : TEST HOLE DENSITY :  
BOREHOLES - NUMBER : TESTPITS - NUMBER : 1 EXPOSURES - NUMBER :  
- DEPTH : - DEPTH : - DEPTH :

----- Source Description -----

GENERIC ORIGIN : LANDFORM : TOPOGRAPHY :  
AREA DRAINAGE : SLOPE :  
VEGETATION :  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS : SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE : OVERBURDEN - TYPE :  
- THICKNESS : - THICKNESS : 0.3  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15351R

NTS MAP REFERENCE : 150D/13

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA : 3.4           |                               |          |

----- Location Details -----

|                         |                             |                                       |
|-------------------------|-----------------------------|---------------------------------------|
| LOCATION :              | 4.0 km South of Stony Creek | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway              | UTM ZONE : 8                          |
| - NUMBER : 1            |                             | EASTING : 447900                      |
| KILOMETRE POST : 1535.1 | <u>SITE ACCESS</u>          | NORTHING : 6742550                    |
| OFFSET - DIRECTION : R  | ACCESS LENGTH : Adjacent    | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                 | LONGITUDE :                           |
|                         | SOURCE ACCESS :             |                                       |

----- Status/Useage Information -----

|                           |                                |                                  |      |
|---------------------------|--------------------------------|----------------------------------|------|
| LAND TENURE :             | Binder Pit Reserve Application | STOCKPILE TYPE :                 | Clay |
| STATUS :                  | Active                         | STOCKPILE QUANTITY :             |      |
| PAST USE :                | Clay Binder for Surfacing      | EXCAVATED VOLUME - FOR HIGHWAY : |      |
|                           |                                | - FOR PIPELINE :                 |      |
| DEVELOPMENT - POTENTIAL : |                                | PERFORMANCE RATING :             |      |
| - CONSTRAINTS :           |                                |                                  |      |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |  |                             |      |
|-----------------------|--|-----------------------------|------|
| INVESTIGATION LEVEL : |  | LAST INVESTIGATION DATE :   | 1969 |
| GEOPHYSICAL DATA :    |  | PRIORITY FOR FUTURE STUDY : |      |

----- Subsurface Data -----

|                        |                     |                      |  |
|------------------------|---------------------|----------------------|--|
| DATA QUALITY :         |                     | TEST HOLE DENSITY :  |  |
| BOREHOLES - NUMBER : 4 | TESTPITS - NUMBER : | EXPOSURES - NUMBER : |  |
| - DEPTH : 4.0-3.7-3.4  | - DEPTH :           | - DEPTH :            |  |

----- Source Description -----

|                                      |                             |                   |
|--------------------------------------|-----------------------------|-------------------|
| GENERIC ORIGIN :                     | LANDFORM :                  | TOPOGRAPHY :      |
| AREA DRAINAGE :                      |                             | SLOPE : Flat, Dry |
| VEGETATION : Light Poplar and Spruce |                             |                   |
| PERMAFROST FEATURES :                |                             |                   |
| ACTIVE LAYER THICKNESS :             | SITE DESCRIPTION DATE : / / |                   |

----- Source Stratigraphy -----

|                   |                           |
|-------------------|---------------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :       |
| - THICKNESS :     | - THICKNESS : 0.5-0.3-0.3 |
|                   | UNDERBURDEN - TYPE :      |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                           | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-------------------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION         | 0               |              |                           |
| MOISTURE CONTENT                    |                 |              |                           |
| PARTICLE SIZE ANALYSIS              | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                                     |                 | D-50 :       | FINES(%) :                |
|                                     |                 |              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER                 |                 |              |                           |
| OTHER TESTS : LL59-56-55;PI33-31-29 |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15357R

NTS MAP REFERENCE : 105D/13

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 2.4 km South of Stony Creek  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1535.7  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 447350  
NORTHING : 6742250  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow - Surfacing

STOCKPILE TYPE : Gravel, Glacial Till  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN :  
AREA DRAINAGE :  
VEGETATION : Light Small Poplar and Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Top of Rocky Hill

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                     |
|-----------------------------|-----------------|--------------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                               |
| MOISTURE CONTENT            |                 |                          |                                               |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) : 52<br>D-50 : | SAND(%) : 45<br>FINES(%) : 3<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                               |
| OTHER TESTS : PI-NP         |                 |                          |                                               |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15367R

NTS MAP REFERENCE : 105D/13

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

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA :               |                       |          |

----- Location Details -----

|                         |                             |                                       |
|-------------------------|-----------------------------|---------------------------------------|
| LOCATION :              | 1.4 km South of Stony Creek | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME :       | Alaska Highway              | UTM ZONE : 8                          |
| - NUMBER : 1            |                             | EASTING : 447050                      |
| KILOMETRE POST : 1536.7 | <u>SITE ACCESS</u>          | NORTHING : 6741400                    |
| OFFSET - DIRECTION : R  | ACCESS LENGTH : Adjacent    | LATITUDE :                            |
| - DISTANCE :            | CONDITION :                 | LONGITUDE :                           |
|                         | SOURCE ACCESS :             |                                       |

----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 |
| STATUS :                  | STOCKPILE QUANTITY :             |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

----- Source Description -----

|                          |                             |              |
|--------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :          |                             | SLOPE :      |
| VEGETATION :             |                             |              |
| PERMAFROST FEATURES :    |                             |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.3    |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                                                                          |
|-----------|----------------------|--------------------------------------------------------------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :                                                      |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE :                                                     |
| CLASS 3 : | PROBABLE VOLUME :    |                                                                          |
| CLASS 4 : | PROSPECTIVE VOLUME : | <div style="border: 1px solid black; padding: 2px;">TOTAL VOLUME :</div> |
| CLASS 5 : |                      |                                                                          |

SOURCE NUMBER: 01-15377R

NTS MAP REFERENCE : 105D/13

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

|                   |                          |                      |            |
|-------------------|--------------------------|----------------------|------------|
| LOCAL NAMES       | : Stoney Ck Cmpgd (.4km) | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                        | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                        | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                     | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                        | MAP DIGITIZER NUMBER | :          |
| AREA              | :                        |                      |            |

----- Location Details -----

|                    |                               |                                       |
|--------------------|-------------------------------|---------------------------------------|
| LOCATION           | : 0.4 km South of Stony Creek | <u>CO-ORDINATES OF DEPOSIT CENTRE</u> |
| CORRIDOR - NAME    | : Alaska Highway              | UTM ZONE : 8                          |
| - NUMBER           | : 1                           | EASTING : 446100                      |
| KILOMETRE POST     | : 1537.7                      | NORTHING : 6741050                    |
| OFFSET - DIRECTION | : R                           | LATITUDE :                            |
| - DISTANCE         | :                             | LONGITUDE :                           |
|                    |                               |                                       |
|                    | <u>SITE ACCESS</u>            |                                       |
|                    | ACCESS LENGTH : Adjacent      |                                       |
|                    | CONDITION :                   |                                       |
|                    | SOURCE ACCESS : Good          |                                       |

----- Status/Useage Information -----

|                         |                                  |                                |          |
|-------------------------|----------------------------------|--------------------------------|----------|
| LAND TENURE             | : Gravel Pit Reserve Application | STOCKPILE TYPE                 | : Gravel |
| STATUS                  | : Active                         | STOCKPILE QUANTITY             | :        |
| PAST USE                | : Surfacing                      | EXCAVATED VOLUME - FOR HIGHWAY | :        |
|                         |                                  | - FOR PIPELINE                 | :        |
| DEVELOPMENT - POTENTIAL | :                                | PERFORMANCE RATING             | :        |
| - CONSTRAINTS           | :                                |                                |          |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |        |
|---------------------|---|---------------------------|--------|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : 1969 |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | :      |

----- Subsurface Data -----

|                    |     |                    |   |
|--------------------|-----|--------------------|---|
| DATA QUALITY       | :   | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : 4 | EXPOSURES - NUMBER | : |
| - DEPTH            | :   | - DEPTH            | : |
| TESTPITS - NUMBER  | : 4 |                    |   |
| - DEPTH            | :   |                    |   |

----- Source Description -----

|                        |                   |          |   |                       |       |
|------------------------|-------------------|----------|---|-----------------------|-------|
| GENERIC ORIGIN         | : Glacial Outwash | LANDFORM | : | TOPOGRAPHY            | :     |
| AREA DRAINAGE          | :                 |          |   | SLOPE                 | :     |
| VEGETATION             | :                 |          |   |                       |       |
| PERMAFROST FEATURES    | :                 |          |   |                       |       |
| ACTIVE LAYER THICKNESS | :                 |          |   | SITE DESCRIPTION DATE | : / / |

----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

|                             |                        |                     |                           |
|-----------------------------|------------------------|---------------------|---------------------------|
| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | (MINIMUM/AVERAGE/MAXIMUM) |
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                           |
| MOISTURE CONTENT            |                        |                     |                           |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) : 50      | SAND(%) : 45              |
|                             |                        | D-50 :              | FINES(%) : 5              |
|                             |                        |                     | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                        |                     |                           |
| OTHER TESTS                 |                        |                     |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |



SOURCE NUMBER: 01-15383R

NTS MAP REFERENCE : 115A/16

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 0.2 km North of Stony Creek  
 CORRIDOR - NAME : Alaska Highway  
                   - NUMBER : 1

KILOMETRE POST : 1538.3

OFFSET - DIRECTION : R

- DISTANCE :

SITE ACCESS

ACCESS LENGTH : Adjacent

CONDITION :

SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8

EASTING : 445500

NORTHING : 6740500

LATITUDE :

LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE :

STATUS :

PAST USE :

STOCKPILE TYPE :

STOCKPILE QUANTITY :

EXCAVATED VOLUME - FOR HIGHWAY :

- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :

- CONSTRAINTS :

PERFORMANCE RATING :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :

GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1969

PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

DATA QUALITY :

BOREHOLES - NUMBER :

- DEPTH :

TESTPITS - NUMBER : 1

- DEPTH :

TEST HOLE DENSITY :

EXPOSURES - NUMBER :

- DEPTH :

## ----- Source Description -----

GENERIC ORIGIN :

AREA DRAINAGE :

VEGETATION :

PERMAFROST FEATURES :

ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :

SLOPE :

SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

GRANULAR - TYPE :

- THICKNESS :

OVERBURDEN - TYPE :

- THICKNESS : 0.6

UNDERBURDEN - TYPE :

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | (MINIMUM/AVERAGE/MAXIMUM) |               |  |
|-----------------------------|------------------------|---------------------|---------------------------|---------------|--|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                           |               |  |
| MOISTURE CONTENT            |                        |                     |                           |               |  |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) :                 | FINES(%) :    |  |
|                             |                        | D-50 :              |                           | OVERSIZE(%) : |  |
| PETROGRAPHIC NUMBER         |                        |                     |                           |               |  |
| OTHER TESTS :               |                        |                     |                           |               |  |

## ----- Material Quantity -----

CLASS 1 :

CLASS 2 :

CLASS 3 :

CLASS 4 :

CLASS 5 :

PROVEN VOLUME :

PROBABLE VOLUME :

PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :

ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15398L

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 1.7 km North of Stony Creek

CORRIDOR - NAME : Alaska Highway

- NUMBER : 1

KILOMETRE POST : 1539.8

OFFSET - DIRECTION : L

- DISTANCE :

SITE ACCESS

ACCESS LENGTH : Adjacent

CONDITION :

SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8

EASTING : 444600

NORTHING : 6739300

LATITUDE :

LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :

STATUS :

PAST USE :

DEVELOPMENT - POTENTIAL :

- CONSTRAINTS :

STOCKPILE TYPE :

STOCKPILE QUANTITY :

EXCAVATED VOLUME - FOR HIGHWAY :

- FOR PIPELINE :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :

GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1969

PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :

BOREHOLES - NUMBER :

- DEPTH :

TESTPITS - NUMBER : 1

- DEPTH :

TEST HOLE DENSITY :

EXPOSURES - NUMBER :

- DEPTH :

----- Source Description -----

GENERIC ORIGIN :

AREA DRAINAGE :

VEGETATION :

PERMAFROST FEATURES :

ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :

SLOPE :

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :

- THICKNESS :

OVERBURDEN - TYPE :

- THICKNESS : 0.3

UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
| PETROGRAPHIC NUMBER         |                 |              | OVERSIZE(%) :             |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

CLASS 1 :

CLASS 2 :

CLASS 3 :

CLASS 4 :

CLASS 5 :

PROVEN VOLUME :

PROBABLE VOLUME :

PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :

ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15402R

NTS MAP REFERENCE : 115A/16

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 2.1 km North of Stony Creek  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1540.2  
OFFSET - DIRECTION : R  
- DISTANCE :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 444300  
NORTHING : 6739150  
LATITUDE :  
LONGITUDE :

## SITE ACCESS

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS : Good

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Sand and Clay   |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL : LAST INVESTIGATION DATE : 1969  
GEOPHYSICAL DATA : PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 7 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

## ----- Source Description -----

|                          |            |                             |
|--------------------------|------------|-----------------------------|
| GENERIC ORIGIN :         | LANDFORM : | TOPOGRAPHY :                |
| AREA DRAINAGE :          |            | SLOPE :                     |
| VEGETATION :             |            |                             |
| PERMAFROST FEATURES :    |            |                             |
| ACTIVE LAYER THICKNESS : |            | SITE DESCRIPTION DATE : / / |

## ----- Source Stratigraphy -----

|                   |                         |
|-------------------|-------------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :     |
| - THICKNESS :     | - THICKNESS : 0.6 - 0.3 |
|                   | UNDERBURDEN - TYPE :    |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS                                                        | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|---------------------------------------------------------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                                                                     |                           |
| MOISTURE CONTENT            |                 |                                                                     |                           |
| PARTICLE SIZE ANALYSIS      | 5               | GRAVEL(%) : 25-11-2 SAND(%) : 85-59-24 FINES(%) : 72-31-7<br>D-50 : | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |                                                                     |                           |
| OTHER TESTS :               |                 |                                                                     |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15433R

NTS MAP REFERENCE : 115A/16

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

|                   |                           |                      |            |
|-------------------|---------------------------|----------------------|------------|
| LOCAL NAMES       | : Communication #220 Road | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                         | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                         | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                      | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                         | MAP DIGITIZER NUMBER | :          |
| AREA              | :                         |                      |            |

----- Location Details -----

LOCATION : 5.2 km North of Stony Creek  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1543.3  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 441850  
NORTHING : 6737800  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                         |   |                                |   |
|-------------------------|---|--------------------------------|---|
| LAND TENURE             | : | STOCKPILE TYPE                 | : |
| STATUS                  | : | STOCKPILE QUANTITY             | : |
| PAST USE                | : | EXCAVATED VOLUME - FOR HIGHWAY | : |
|                         |   | - FOR PIPELINE                 | : |
| DEVELOPMENT - POTENTIAL | : | PERFORMANCE RATING             | : |
| - CONSTRAINTS           | : |                                |   |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |        |
|---------------------|---|---------------------------|--------|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : 1969 |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | :      |

----- Subsurface Data -----

|                    |   |                    |       |
|--------------------|---|--------------------|-------|
| DATA QUALITY       | : | TEST HOLE DENSITY  | :     |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | :     |
| - DEPTH            | : | - DEPTH            | : 3.0 |

----- Source Description -----

|                        |   |          |   |                       |       |
|------------------------|---|----------|---|-----------------------|-------|
| GENERIC ORIGIN         | : | LANDFORM | : | TOPOGRAPHY            | :     |
| AREA DRAINAGE          | : |          |   | SLOPE                 | :     |
| VEGETATION             | : |          |   |                       |       |
| PERMAFROST FEATURES    | : |          |   |                       |       |
| ACTIVE LAYER THICKNESS | : |          |   | SITE DESCRIPTION DATE | : / / |

----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM)  |
|-----------------------------|-----------------|--------------|----------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                            |
| MOISTURE CONTENT            |                 |              |                            |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) :  | SAND(%) : 12 FINES(%) : 88 |
|                             |                 | D-50 :       | OVERSIZE(%) :              |
| PETROGRAPHIC NUMBER         |                 |              |                            |
| OTHER TESTS                 |                 |              |                            |

----- Material Quantity -----

|           |                    |                    |   |
|-----------|--------------------|--------------------|---|
| CLASS 1 : |                    | TOTAL RECOVERABLE  | : |
| CLASS 2 : | PROVEN VOLUME      | ANNUAL RECOVERABLE | : |
| CLASS 3 : | PROBABLE VOLUME    |                    |   |
| CLASS 4 : | PROSPECTIVE VOLUME | TOTAL VOLUME       | : |
| CLASS 5 : |                    |                    |   |

SOURCE NUMBER: 01-15484L

NTS MAP REFERENCE : 115A/16

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 9.5 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1

KILOMETRE POST : 1548.4

OFFSET - DIRECTION : L

- DISTANCE :

SITE ACCESS

ACCESS LENGTH : Adjacent

CONDITION :

SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 437300  
NORTHING : 6735800  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Silty Sand      |
| STATUS : Active           | STOCKPILE QUANTITY :             |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

## ----- Source Description -----

|                           |                             |              |
|---------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :          | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :           |                             | SLOPE : Flat |
| VEGETATION : Light Poplar |                             |              |
| PERMAFROST FEATURES :     |                             |              |
| ACTIVE LAYER THICKNESS :  | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 01-15499R

NTS MAP REFERENCE : 115A/16

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

## ----- Location Details -----

LOCATION : 8.0 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1549.9  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 482  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 436050  
NORTHING : 6736650  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

|                                              |                                                      |
|----------------------------------------------|------------------------------------------------------|
| LAND TENURE :                                | STOCKPILE TYPE : Gravel, Sand, Glacial Till          |
| STATUS :                                     | STOCKPILE QUANTITY :                                 |
| PAST USE :                                   | EXCAVATED VOLUME - FOR HIGHWAY :<br>- FOR PIPELINE : |
| DEVELOPMENT - POTENTIAL :<br>- CONSTRAINTS : | PERFORMANCE RATING :                                 |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                                |
|-----------------------|--------------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE : 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY :    |

## ----- Subsurface Data -----

|                      |                        |                      |
|----------------------|------------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 26 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :              | EXPOSURES - NUMBER : |
| - DEPTH :            |                        | - DEPTH :            |

## ----- Source Description -----

|                              |                             |              |
|------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :             | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :              |                             | SLOPE :      |
| VEGETATION : Moderate Spruce |                             |              |
| PERMAFROST FEATURES :        |                             |              |
| ACTIVE LAYER THICKNESS :     | SITE DESCRIPTION DATE : / / |              |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 1.2    |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                      |
|-----------------------------|-----------------|--------------------------|------------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                                |
| MOISTURE CONTENT            |                 |                          |                                                |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 32<br>D-50 : | SAND(%) : 42<br>FINES(%) : 26<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                                |
| OTHER TESTS : LL 17; PI 7   |                 |                          |                                                |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15513R

NTS MAP REFERENCE : 115A/16

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |          |
|----------------------|-----------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :        | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER : |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :    |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: | 1:50000  |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER: |          |
| AREA : 201           |                       |          |

## ----- Location Details -----

LOCATION : 6.6 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1

KILOMETRE POST : 1551.3

OFFSET - DIRECTION : R

- DISTANCE :

## SITE ACCESS

ACCESS LENGTH : 2570

CONDITION :

SOURCE ACCESS :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8

EASTING : 434850

NORTHING : 6738900

LATITUDE :

LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE : Gravel Pit Reserve Application

STATUS : Inactive

PAST USE :

STOCKPILE TYPE :

STOCKPILE QUANTITY :

EXCAVATED VOLUME - FOR HIGHWAY :

- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :

- CONSTRAINTS :

PERFORMANCE RATING :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :

GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :

PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

DATA QUALITY :

BOREHOLES - NUMBER :

- DEPTH :

TESTPITS - NUMBER :

- DEPTH :

TEST HOLE DENSITY :

EXPOSURES - NUMBER :

- DEPTH :

## ----- Source Description -----

GENERIC ORIGIN :

LANDFORM :

TOPOGRAPHY :

AREA DRAINAGE :

SLOPE :

VEGETATION :

PERMAFROST FEATURES :

ACTIVE LAYER THICKNESS :

SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

GRANULAR - TYPE :

- THICKNESS :

OVERBURDEN - TYPE :

- THICKNESS :

UNDERBURDEN - TYPE :

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
|                             |                 |              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

CLASS 1 :

CLASS 2 :

CLASS 3 :

CLASS 4 :

CLASS 5 :

PROVEN VOLUME :

PROBABLE VOLUME :

PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :

ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15531R

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 4.8 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1553.1  
OFFSET - DIRECTION : R  
- DISTANCE :  
SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 433300  
NORTHING : 6737250  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |            |
|---------------------------|----------------------------------|------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Sandy Silt |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |            |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |            |
|                           | - FOR PIPELINE :                 |            |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |            |
| - CONSTRAINTS :           |                                  |            |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

----- Source Description -----

|                           |                             |              |
|---------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :          | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :           |                             | SLOPE : Flat |
| VEGETATION : Heavy Spruce |                             |              |
| PERMAFROST FEATURES :     |                             |              |
| ACTIVE LAYER THICKNESS :  | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |



SOURCE NUMBER: 01-15536R

NTS MAP REFERENCE : 115A/16

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

LOCAL NAMES :  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 4.3 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1

KILOMETRE POST : 1553.6

OFFSET - DIRECTION : R

- DISTANCE :

SITE ACCESS

ACCESS LENGTH : Adjacent

CONDITION :

SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8

EASTING : 432800

NORTHING : 6737400

LATITUDE :

LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :

STATUS : Active

PAST USE : Borrow

STOCKPILE TYPE : Silty Clay

STOCKPILE QUANTITY :

EXCAVATED VOLUME - FOR HIGHWAY :

- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :

- CONSTRAINTS :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :

GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :

PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :

BOREHOLES - NUMBER :

- DEPTH :

TESTPITS - NUMBER :

- DEPTH :

TEST HOLE DENSITY :

EXPOSURES - NUMBER :

- DEPTH :

----- Source Description -----

GENERIC ORIGIN :

AREA DRAINAGE :

VEGETATION : Heavy Spruce

PERMAFROST FEATURES :

ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :

SLOPE : Flat

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :

- THICKNESS :

OVERBURDEN - TYPE :

- THICKNESS :

UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :

CLASS 2 :

CLASS 3 :

CLASS 4 :

CLASS 5 :

PROVEN VOLUME :

PROBABLE VOLUME :

PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :

ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15550R

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 2.9 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1555.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 432000  
NORTHING : 6738500  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |                     |
|---------------------------|----------------------------------|---------------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Sitly Gravelly Sand |
| STATUS :                  | STOCKPILE QUANTITY :             |                     |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |                     |
|                           | - FOR PIPELINE :                 |                     |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                     |
| - CONSTRAINTS :           |                                  |                     |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |      |
|-----------------------|-----------------------------|------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   | 1969 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |      |

----- Subsurface Data -----

|                        |                     |                      |
|------------------------|---------------------|----------------------|
| DATA QUALITY :         | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : 1 | - DEPTH :           | EXPOSURES - NUMBER : |
|                        |                     | - DEPTH :            |

----- Source Description -----

|                          |                         |              |
|--------------------------|-------------------------|--------------|
| GENERIC ORIGIN :         | LANDFORM :              | TOPOGRAPHY : |
| AREA DRAINAGE :          |                         | SLOPE :      |
| VEGETATION :             |                         |              |
| PERMAFROST FEATURES :    |                         |              |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : | / /          |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                      |
|-----------------------------|-----------------|--------------------------|------------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                                |
| MOISTURE CONTENT            |                 |                          |                                                |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) : 37<br>D-50 : | SAND(%) : 38<br>FINES(%) : 25<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                                |
| OTHER TESTS : PI-0          |                 |                          |                                                |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15553R

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA : 9.31          |                               |          |

----- Location Details -----

LOCATION : 2.6 km South of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1555.3  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 1448  
CONDITION :  
SOURCE ACCESS : Fair

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 433000  
NORTHING : 6738750  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE : Gravel Pit Reserve  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Gravelly Sand  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN :  
AREA DRAINAGE :  
VEGETATION : Light Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Sidehill

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                      |
|-----------------------------|-----------------|--------------------------|------------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                                |
| MOISTURE CONTENT            |                 |                          |                                                |
| PARTICLE SIZE ANALYSIS      | 1               | GRAVEL(%) : 17<br>D-50 : | SAND(%) : 73<br>FINES(%) : 10<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                                |
| OTHER TESTS :               |                 |                          |                                                |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15608L

NTS MAP REFERENCE : 115A/16

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

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

----- Location Details -----

LOCATION : 2.9 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1560.8  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 426650  
NORTHING : 6739700  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                      |
|---------------------------|--------------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Silty Sand and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :                 |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY :     |
|                           | - FOR PIPELINE :                     |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :                 |
| - CONSTRAINTS :           |                                      |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE : 1969  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

|                      |                       |                      |
|----------------------|-----------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : 1 | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :             | EXPOSURES - NUMBER : |
| - DEPTH :            |                       | - DEPTH :            |

----- Source Description -----

|                           |                             |              |
|---------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :          | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :           |                             | SLOPE : Flat |
| VEGETATION : Heavy Spruce |                             |              |
| PERMAFROST FEATURES :     |                             |              |
| ACTIVE LAYER THICKNESS :  | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS : 0.3    |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15610L

NTS MAP REFERENCE : 115A/16

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

|                      |                               |
|----------------------|-------------------------------|
| LOCAL NAMES :        | STUDY NUMBER : Y6 LA 15       |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |
| AREA :               |                               |

----- Location Details -----

LOCATION : 3.1 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1561.0  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 426500  
NORTHING : 6739700  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                      |
|---------------------------|--------------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Silty Sand and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :                 |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY :     |
|                           | - FOR PIPELINE :                     |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :                 |
| - CONSTRAINTS :           |                                      |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

----- Source Description -----

|                           |                             |              |
|---------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :          | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :           |                             | SLOPE : Flat |
| VEGETATION : Heavy Spruce |                             |              |
| PERMAFROST FEATURES :     |                             |              |
| ACTIVE LAYER THICKNESS :  | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 01-15618L

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 3.9 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1561.8  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 425800  
NORTHING : 6739850  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1969  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER : 1  
- DEPTH : 4.3

TESTPITS - NUMBER : 1  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN :  
AREA DRAINAGE :  
VEGETATION : Heavy spruce  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Flat

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS : 0.6  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                      | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                     |
|--------------------------------|-----------------|-----------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION    | 0               |                       |                                               |
| MOISTURE CONTENT               |                 |                       |                                               |
| PARTICLE SIZE ANALYSIS         | 1               | GRAVEL(%) :<br>D-50 : | SAND(%) : 2<br>FINES(%) : 98<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER            |                 |                       |                                               |
| OTHER TESTS : LL 56.1; PI 33.6 |                 |                       |                                               |

----- Material Quantity -----

|           |                      |
|-----------|----------------------|
| CLASS 1 : |                      |
| CLASS 2 : | PROVEN VOLUME :      |
| CLASS 3 : | PROBABLE VOLUME :    |
| CLASS 4 : | PROSPECTIVE VOLUME : |
| CLASS 5 : |                      |

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15625R

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 4.6 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1562.5  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 425000  
NORTHING : 6739900  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Silty Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1969  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH : 4

TESTPITS - NUMBER : 4  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN :  
AREA DRAINAGE :  
VEGETATION : Light Spruce and Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Flat

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS : 0.6-0.3  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                     |
|-----------------------------|-----------------|-----------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                               |
| MOISTURE CONTENT            |                 |                       |                                               |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) : 3<br>FINES(%) : 97<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                               |
| OTHER TESTS : LL 44; PI 24  |                 |                       |                                               |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15647R

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 6.8 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1564.7  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 422900  
NORTHING : 6739900  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |            |
|---------------------------|----------------------------------|------------|
| LAND TENURE :             | STOCKPILE TYPE :                 | Sandy Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |            |
| PAST USE : Borrow Pit     | EXCAVATED VOLUME - FOR HIGHWAY : |            |
|                           | - FOR PIPELINE :                 |            |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |            |
| - CONSTRAINTS :           |                                  |            |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

----- Source Description -----

|                                      |                             |              |
|--------------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN :                     | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :                      |                             | SLOPE : Flat |
| VEGETATION : Light Poplar and Spruce |                             |              |
| PERMAFROST FEATURES :                |                             |              |
| ACTIVE LAYER THICKNESS :             | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : | PROVEN VOLUME :      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROBABLE VOLUME :    | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROSPECTIVE VOLUME : |                      |
| CLASS 4 : |                      |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :



SOURCE NUMBER: 01-15661L

NTS MAP REFERENCE : 115A/16

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

LOCAL NAMES : STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER : ALTER. STUDY NUMBER :  
SOURCE CROSS REF. : STUDY CROSS REF. :  
SITE PLAN SCALE : 1: STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER : MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 8.2 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1566.1  
OFFSET - DIRECTION : L  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 421600  
NORTHING : 6739650  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

----- Status/Useage Information -----

LAND TENURE : STOCKPILE TYPE : Clay  
STATUS : Inactive STOCKPILE QUANTITY :  
PAST USE : Borrow EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL : PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL : LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA : PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY : TEST HOLE DENSITY :  
BOREHOLES - NUMBER : TESTPITS - NUMBER : EXPOSURES - NUMBER :  
- DEPTH : - DEPTH : - DEPTH :

----- Source Description -----

GENERIC ORIGIN : LANDFORM : TOPOGRAPHY :  
AREA DRAINAGE : SLOPE : Flat  
VEGETATION : Heavy Spruce, Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS : SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE : OVERBURDEN - TYPE :  
- THICKNESS : - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS                     | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|----------------------------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                                  |                           |
| MOISTURE CONTENT            |                 |                                  |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : SAND(%) : FINES(%) : |                           |
|                             |                 | D-50 : OVERSIZE(%) :             |                           |
| PETROGRAPHIC NUMBER         |                 |                                  |                           |
| OTHER TESTS :               |                 |                                  |                           |

----- Material Quantity -----

CLASS 1 : TOTAL RECOVERABLE :  
CLASS 2 : PROVEN VOLUME : ANNUAL RECOVERABLE :  
CLASS 3 : PROBABLE VOLUME :  
CLASS 4 : PROSPECTIVE VOLUME :  
CLASS 5 : TOTAL VOLUME :

SOURCE NUMBER: 01-15670R

NTS MAP REFERENCE : 115A/16

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

LOCAL NAMES : CNT Microwave Site #136      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 9.1 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1567.0  
OFFSET - DIRECTION : R  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 420700  
NORTHING : 673690  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS : Good

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Silty Clay  
STATUS : Active      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN :      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Flat  
VEGETATION : Thick Spruce  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 01-15672R

NTS MAP REFERENCE : 115A/16

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

|                      |                               |          |
|----------------------|-------------------------------|----------|
| LOCAL NAMES :        | STUDY NUMBER :                | Y6 LA 15 |
| NEW SOURCE NUMBER :  | ALTER. STUDY NUMBER :         |          |
| SOURCE CROSS REF. :  | STUDY CROSS REF. :            |          |
| SITE PLAN SCALE : 1: | STUDY AREA MAP SCALE: 1:50000 |          |
| PLAN DIG. NUMBER :   | MAP DIGITIZER NUMBER:         |          |
| AREA :               |                               |          |

----- Location Details -----

LOCATION : 9.3 km North of Mendnhall Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1  
KILOMETRE POST : 1567.2  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 643  
CONDITION :  
SOURCE ACCESS : Good

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 420600  
NORTHING : 6740000  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive-Garbage Pit  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN :  
AREA DRAINAGE :  
VEGETATION : Moderate Spruce  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Flat-Gently Rolling

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 01-15679L

NTS MAP REFERENCE : 115A/16

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

LOCAL NAMES : STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER : ALTER. STUDY NUMBER :  
SOURCE CROSS REF. : STUDY CROSS REF. :  
SITE PLAN SCALE : 1: STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER : MAP DIGITIZER NUMBER:  
AREA : 160

----- Location Details -----

LOCATION : 10.0 km North of Mendnhll Creek Bridge  
CORRIDOR - NAME : Alaska Highway  
- NUMBER : 1

KILOMETRE POST : 1567.9

OFFSET - DIRECTION : L

- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 1200

CONDITION :

SOURCE ACCESS : Good

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8

EASTING : 420900

NORTHING : 6740800

LATITUDE :

LONGITUDE :

----- Status/Useage Information -----

LAND TENURE : Gravel Pit Reserve Application

STATUS : Active

PAST USE : Borrow

STOCKPILE TYPE : Clay, Sand and Gravel

STOCKPILE QUANTITY :

EXCAVATED VOLUME - FOR HIGHWAY :

- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :

- CONSTRAINTS :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :

GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1969

PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :

BOREHOLES - NUMBER :

- DEPTH :

TESTPITS - NUMBER : 10

- DEPTH :

TEST HOLE DENSITY :

EXPOSURES - NUMBER :

- DEPTH :

----- Source Description -----

GENERIC ORIGIN :

LANDFORM :

TOPOGRAPHY :

AREA DRAINAGE :

SLOPE : Moderate Sidehill

VEGETATION : Heavy Spruce, Poplar

PERMAFROST FEATURES :

ACTIVE LAYER THICKNESS :

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :

- THICKNESS :

OVERBURDEN - TYPE :

- THICKNESS : 0.9-0.1

UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS             | (MINIMUM/AVERAGE/MAXIMUM)                     |
|-----------------------------|-----------------|--------------------------|-----------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                          |                                               |
| MOISTURE CONTENT            |                 |                          |                                               |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) : 49<br>D-50 : | SAND(%) : 47<br>FINES(%) : 4<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                          |                                               |
| OTHER TESTS : LL 18; PI 1   |                 |                          |                                               |

----- Material Quantity -----

CLASS 1 :

CLASS 2 :

CLASS 3 :

CLASS 4 :

CLASS 5 :

PROVEN VOLUME :

PROBABLE VOLUME :

PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :

ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-01966R

NTS MAP REFERENCE : 105D/14

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                             |                               |            |
|----------------------|-----------------------------|-------------------------------|------------|
| LOCAL NAMES          | : Near Takhini River Bridge | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                             | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                             | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                             | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                             | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                             |                               |            |

## ----- Location Details -----

LOCATION : 0.6 km North of Takhini River Bridge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 196.6  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 321  
CONDITION :  
SOURCE ACCESS : Road

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 489800  
NORTHING : 6745500  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Sand            |
| STATUS : Active           | STOCKPILE QUANTITY : 3822        |
| PAST USE :                | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE : 1977  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

## ----- Source Description -----

|                                  |                             |                                |
|----------------------------------|-----------------------------|--------------------------------|
| GENERIC ORIGIN : Glacial         | LANDFORM :                  | TOPOGRAPHY :                   |
| AREA DRAINAGE :                  |                             | SLOPE : Moderate Slope-Hilltop |
| VEGETATION : Low Reforested Pine |                             |                                |
| PERMAFROST FEATURES :            |                             |                                |
| ACTIVE LAYER THICKNESS :         | SITE DESCRIPTION DATE : / / |                                |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02018R

NTS MAP REFERENCE : 105D/14

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

|                      |                      |                               |            |
|----------------------|----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 9.5 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                      | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                      | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                      | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                      | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                      |                               |            |

----- Location Details -----

LOCATION : 5.8 km North of Takhini River Bridge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 201.8  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 490300  
NORTHING : 6749850  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Rough Stockpile |
| STATUS : Active           | STOCKPILE QUANTITY :             |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

----- Source Description -----

|                                |                             |              |
|--------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN : Glacial       | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :                |                             | SLOPE : Flat |
| VEGETATION : Low, Small Poplar |                             |              |
| PERMAFROST FEATURES :          |                             |              |
| ACTIVE LAYER THICKNESS :       | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 02-02111R

NTS MAP REFERENCE : 105D/14

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

LOCAL NAMES : 18.8 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 13.1 km North of Hot Springs Road  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 211.1  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 491400  
NORTHING : 6758800  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Clay  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Flat to Moderate Slope  
VEGETATION : Very Low  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02126L

NTS MAP REFERENCE : 105D/14

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

|                     |                       |                       |            |
|---------------------|-----------------------|-----------------------|------------|
| LOCAL NAMES         | : 20.3 km from Cutoff | STUDY NUMBER          | : Y6 LA 15 |
| NEW SOURCE NUMBER : |                       | ALTER. STUDY NUMBER : |            |
| SOURCE CROSS REF. : |                       | STUDY CROSS REF. :    |            |
| SITE PLAN SCALE     | : 1:                  | STUDY AREA MAP SCALE: | 1:50000    |
| PLAN DIG. NUMBER :  |                       | MAP DIGITIZER NUMBER: |            |
| AREA                | :                     |                       |            |

----- Location Details -----

LOCATION : 14.6 km North of Hot Springs Road  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 212.6  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 490650  
NORTHING : 6759950  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low, Small Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Moderate Sidehill

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |



SOURCE NUMBER: 02-02129L

NTS MAP REFERENCE : 105D/14

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 20.6 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 14.9 km North of Hot Springs Road  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 212.9  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 490450  
NORTHING : 6760300  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

|                      |  |                      |  |
|----------------------|--|----------------------|--|
| DATA QUALITY :       |  | TEST HOLE DENSITY :  |  |
| BOREHOLES - NUMBER : |  | EXPOSURES - NUMBER : |  |
| - DEPTH :            |  | - DEPTH :            |  |
| TESTPITS - NUMBER :  |  |                      |  |
| - DEPTH :            |  |                      |  |

----- Source Description -----

|                          |                     |                         |                        |
|--------------------------|---------------------|-------------------------|------------------------|
| GENERIC ORIGIN           | : Glacial           | LANDFORM :              | TOPOGRAPHY :           |
| AREA DRAINAGE            | :                   |                         | SLOPE : Steep Sidehill |
| VEGETATION               | : Low, Small Poplar |                         |                        |
| PERMAFROST FEATURES      | :                   |                         |                        |
| ACTIVE LAYER THICKNESS : |                     | SITE DESCRIPTION DATE : | / /                    |

----- Source Stratigraphy -----

|                   |  |                      |  |
|-------------------|--|----------------------|--|
| GRANULAR - TYPE : |  | OVERBURDEN - TYPE :  |  |
| - THICKNESS :     |  | - THICKNESS :        |  |
|                   |  | UNDERBURDEN - TYPE : |  |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 02-02131R

NTS MAP REFERENCE : 105D/14

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

LOCAL NAMES : 20.8 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 15.1 km North of Hot Springs Road  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 213.1  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 490550  
NORTHING : 6760550  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Flat  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02139R

NTS MAP REFERENCE : 105D/14

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 21.6 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 10.6 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 213.9  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 490300  
NORTHING : 6761250  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                      |                    |
|---------------------------|----------------------|--------------------|
| LAND TENURE :             | STOCKPILE TYPE       | : Gravel Stockpile |
| STATUS : Inactive         | STOCKPILE QUANTITY   | : 76.46 cu. m.     |
| PAST USE : Crusher Site   | EXCAVATED VOLUME     | - FOR HIGHWAY :    |
|                           |                      | - FOR PIPELINE :   |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING : |                    |
| - CONSTRAINTS :           |                      |                    |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

----- Source Description -----

|                          |                         |                                 |
|--------------------------|-------------------------|---------------------------------|
| GENERIC ORIGIN : Glacial | LANDFORM :              | TOPOGRAPHY :                    |
| AREA DRAINAGE :          |                         | SLOPE : Moderate Slope-Sidehill |
| VEGETATION : None        |                         |                                 |
| PERMAFROST FEATURES :    |                         |                                 |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : | / /                             |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 02-02143L

NTS MAP REFERENCE : 105D/14

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 22.0 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 10.2 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 214.3  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 489800  
NORTHING : 6761500  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low, Small Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Flat

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02182R

NTS MAP REFERENCE : 105E/3E

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

LOCAL NAMES : 25.9 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 6.3 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 218.2  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 488300  
NORTHING : 6764950  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Moderate Pine, Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Steep Hillside  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02190L

NTS MAP REFERENCE : 105E/3E

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

LOCAL NAMES : 26.7 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 5.5 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 219.0  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 488100  
NORTHING : 6765700  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

STOCKPILE TYPE :  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN :      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Flat  
VEGETATION : Moderate Pine, Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02196L

NTS MAP REFERENCE : 105E/3E

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 27.3 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 4.9 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 219.6  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 488200  
NORTHING : 6766300  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Crusher Site

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY : 153 m3  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE : Low, Poplar  
VEGETATION :  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Flat to Moderate Sidehill

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |               |  |
|-----------------------------|------------------------|---------------------|----------------------------------|---------------|--|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                                  |               |  |
| MOISTURE CONTENT            |                        |                     |                                  |               |  |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) :                        | FINES(%) :    |  |
|                             |                        | D-50 :              |                                  | OVERSIZE(%) : |  |
| PETROGRAPHIC NUMBER         |                        |                     |                                  |               |  |
| OTHER TESTS :               |                        |                     |                                  |               |  |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02198R

NTS MAP REFERENCE : 105E/3E

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

LOCAL NAMES : 27.5 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 4.7 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 219.8  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 488300  
NORTHING : 6766500  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Crusher Site

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low, Small Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moder.to Steep Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :



SOURCE NUMBER: 02-02205L

NTS MAP REFERENCE : 105E/3E

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

LOCAL NAMES : 28.2 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 4.0 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 220.5  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 488200  
NORTHING : 6767150  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow or Cut and Fill

STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Sidehill

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------|-----------------|--------------|---------------------------|
|-----------|-----------------|--------------|---------------------------|

|                             |   |  |  |
|-----------------------------|---|--|--|
| UNIFIED SOIL CLASSIFICATION | 0 |  |  |
|-----------------------------|---|--|--|

|                  |  |  |  |
|------------------|--|--|--|
| MOISTURE CONTENT |  |  |  |
|------------------|--|--|--|

|                        |   |  |  |
|------------------------|---|--|--|
| PARTICLE SIZE ANALYSIS | 0 |  |  |
|------------------------|---|--|--|

|             |           |               |
|-------------|-----------|---------------|
| GRAVEL(%) : | SAND(%) : | FINES(%) :    |
| D-50 :      |           | OVERSIZE(%) : |

|                     |  |  |  |
|---------------------|--|--|--|
| PETROGRAPHIC NUMBER |  |  |  |
|---------------------|--|--|--|

|               |  |  |  |
|---------------|--|--|--|
| OTHER TESTS : |  |  |  |
|---------------|--|--|--|

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02220R

NTS MAP REFERENCE : 105E/3E

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

|                     |                       |                       |            |
|---------------------|-----------------------|-----------------------|------------|
| LOCAL NAMES         | : 29.7 km from Cutoff | STUDY NUMBER          | : Y6 LA 15 |
| NEW SOURCE NUMBER : |                       | ALTER. STUDY NUMBER : |            |
| SOURCE CROSS REF. : |                       | STUDY CROSS REF. :    |            |
| SITE PLAN SCALE     | : 1:                  | STUDY AREA MAP SCALE: | 1:50000    |
| PLAN DIG. NUMBER :  |                       | MAP DIGITIZER NUMBER: |            |
| AREA                | :                     |                       |            |

----- Location Details -----

LOCATION : 2.5 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 222.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 488000  
NORTHING : 6768450  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |                   |
|---------------------------|----------------------------------|-------------------|
| LAND TENURE :             | STOCKPILE TYPE                   | : Gravel and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |                   |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |                   |
|                           | - FOR PIPELINE :                 |                   |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                   |
| - CONSTRAINTS :           |                                  |                   |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

----- Source Description -----

|                                |                         |                               |
|--------------------------------|-------------------------|-------------------------------|
| GENERIC ORIGIN : Glacial       | LANDFORM :              | TOPOGRAPHY :                  |
| AREA DRAINAGE :                |                         | SLOPE : Flat, Near Small Lake |
| VEGETATION : Low, Small Poplar |                         |                               |
| PERMAFROST FEATURES :          |                         |                               |
| ACTIVE LAYER THICKNESS :       | SITE DESCRIPTION DATE : | / /                           |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |               |
|-----------------------------|------------------------|---------------------|----------------------------------|---------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                                  |               |
| MOISTURE CONTENT            |                        |                     |                                  |               |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) :                        | FINES(%) :    |
|                             |                        | D-50 :              |                                  | OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                        |                     |                                  |               |
| OTHER TESTS :               |                        |                     |                                  |               |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02234L

NTS MAP REFERENCE : 105E/3E

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 31.1 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

## ----- Location Details -----

LOCATION : 1.1 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 223.4  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 487400  
NORTHING : 6769800  
LATITUDE :  
LONGTITUDE :

## ----- Status/Useage Information -----

|                           |                                  |                   |
|---------------------------|----------------------------------|-------------------|
| LAND TENURE :             | STOCKPILE TYPE                   | : Gravel and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |                   |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |                   |
|                           | - FOR PIPELINE :                 |                   |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                   |
| - CONSTRAINTS :           |                                  |                   |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |                                |
|--------------------------|-----------------------------|--------------------------------|
| GENERIC ORIGIN : Glacial | LANDFORM :                  | TOPOGRAPHY :                   |
| AREA DRAINAGE :          |                             | SLOPE : Flat to Moderate Slope |
| VEGETATION : None        |                             |                                |
| PERMAFROST FEATURES :    |                             |                                |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |                                |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02241R

NTS MAP REFERENCE : 105E/3E

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                     |                       |                       |            |
|---------------------|-----------------------|-----------------------|------------|
| LOCAL NAMES         | : 31.8 km from Cutoff | STUDY NUMBER          | : Y6 LA 15 |
| NEW SOURCE NUMBER : |                       | ALTER. STUDY NUMBER : |            |
| SOURCE CROSS REF. : |                       | STUDY CROSS REF. :    |            |
| SITE PLAN SCALE     | : 1:                  | STUDY AREA MAP SCALE: | 1:50000    |
| PLAN DIG. NUMBER :  |                       | MAP DIGITIZER NUMBER: |            |
| AREA                | :                     |                       |            |

## ----- Location Details -----

LOCATION : 0.4 km South of Deep Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 224.1  
OFFSET - DIRECTION : R  
- DISTANCE :

## SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 487300  
NORTHING : 6770450  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Borrow

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

PERFORMANCE RATING :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

## ----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low, Small poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Flat

SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02265R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : 34.2 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 1.5 km South of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 226.5  
OFFSET - DIRECTION : R  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 486300  
NORTHING : 6772300  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Gravel and Clay  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Moderate Slope Sidehill  
VEGETATION : Low Poplar, Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0.              | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02291R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : Richthoten Creek Bridge      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 1.1 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 229.1  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

/ CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 484500  
NORTHING : 6773800  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Clay  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Moderate Sidehill Slope  
VEGETATION : Moderate Pine, Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02336R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : 41.3 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 5.6 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 233.6  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 481900  
NORTHING : 6777100  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Minor Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Thick-Small Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02351R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : 42.8 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 7.1 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 235.1  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 480900  
NORTHING : 6778200  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low-Small Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moderate Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :



SOURCE NUMBER: 02-02361R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : 43.8 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 8.1 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 236.1  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 480500  
NORTHING : 6779100  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Crusher Location

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY : 3823 m3  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE : 1977  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION :  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moderate Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02380L

NTS MAP REFERENCE : 105E/3W

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 45.7 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 10 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 238.0  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 479750  
NORTHING : 6780600  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Borrow

STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : None  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Steep Widened Road Cut

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02384R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : 46.1 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 10.4 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 238.4  
OFFSET - DIRECTION : R  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 479500  
NORTHING : 6781000  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Gravel and Clay  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Steep Sidehill Slope  
VEGETATION : Moderately Large Poplar and Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02388R

NTS MAP REFERENCE : 105E/3W

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

LOCAL NAMES : 46.5 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 10.8 km North of Fox Creek  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 238.8  
OFFSET - DIRECTION : R  
- DISTANCE :  
CO-ORDINATES OF DEPOSIT CENTRE  
UTM ZONE : 8  
EASTING : 479500  
NORTHING : 6781300  
LONGITUDE :  
SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Moderate Pine, Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moderate Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02390R

NTS MAP REFERENCE : 105E/3W

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 46.7 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

## ----- Location Details -----

LOCATION : 9.0 km South of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 239.0  
OFFSET - DIRECTION : R  
- DISTANCE :

## SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 479500  
NORTHING : 6781650  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

## ----- Source Description -----

|                                  |                             |                        |
|----------------------------------|-----------------------------|------------------------|
| GENERIC ORIGIN : Glacial         | LANDFORM :                  | TOPOGRAPHY :           |
| AREA DRAINAGE :                  |                             | SLOPE : Steep Sidehill |
| VEGETATION : Low Pine and Poplar |                             |                        |
| PERMAFROST FEATURES :            |                             |                        |
| ACTIVE LAYER THICKNESS :         | SITE DESCRIPTION DATE : / / |                        |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02415R

NTS MAP REFERENCE : 105E/3W

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 49.2 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 6.5 km South of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 241.5  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 478900  
NORTHING : 6783800  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Low Slope

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02465R

NTS MAP REFERENCE : 105E/3W

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 54.2 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 1.5 km South of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 246.5  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 476650  
NORTHING : 6788100  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                      |                    |
|---------------------------|----------------------|--------------------|
| LAND TENURE :             | STOCKPILE TYPE       | : Gravel Stockpile |
| STATUS : Active           | STOCKPILE QUANTITY   | : 2294 m3          |
| PAST USE : Crusher Site   | EXCAVATED VOLUME     | - FOR HIGHWAY :    |
|                           |                      | - FOR PIPELINE :   |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING : |                    |
| - CONSTRAINTS :           |                      |                    |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |        |
|-----------------------|-----------------------------|--------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE     | : 1977 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |        |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

----- Source Description -----

|                                       |                         |                        |
|---------------------------------------|-------------------------|------------------------|
| GENERIC ORIGIN : Glacial              | LANDFORM :              | TOPOGRAPHY :           |
| AREA DRAINAGE :                       |                         | SLOPE : Steep Sidehill |
| VEGETATION : Moderate Poplar and Pine |                         |                        |
| PERMAFROST FEATURES :                 |                         |                        |
| ACTIVE LAYER THICKNESS :              | SITE DESCRIPTION DATE : | / /                    |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 02-02501R

NTS MAP REFERENCE : 10SE/6W

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 57.8 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

## ----- Location Details -----

LOCATION : 2.1 km North of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 250.1  
OFFSET - DIRECTION : R  
- DISTANCE :

## SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 474800  
NORTHING : 6791150  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

|                         |          |                                |        |
|-------------------------|----------|--------------------------------|--------|
| LAND TENURE             | :        | STOCKPILE TYPE                 | : Clay |
| STATUS                  | : Active | STOCKPILE QUANTITY             | :      |
| PAST USE                | : Borrow | EXCAVATED VOLUME - FOR HIGHWAY | :      |
|                         |          | - FOR PIPELINE                 | :      |
| DEVELOPMENT - POTENTIAL | :        | PERFORMANCE RATING             | :      |
| - CONSTRAINTS           | :        |                                |        |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |   |
|---------------------|---|---------------------------|---|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | : |

## ----- Subsurface Data -----

|                    |   |                    |   |
|--------------------|---|--------------------|---|
| DATA QUALITY       | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : | - DEPTH            | : |

## ----- Source Description -----

|                        |                   |          |   |                       |                  |
|------------------------|-------------------|----------|---|-----------------------|------------------|
| GENERIC ORIGIN         | : Glacial         | LANDFORM | : | TOPOGRAPHY            | :                |
| AREA DRAINAGE          | :                 |          |   | SLOPE                 | : Steep Sidehill |
| VEGETATION             | : Moderate Poplar |          |   |                       |                  |
| PERMAFROST FEATURES    | :                 |          |   |                       |                  |
| ACTIVE LAYER THICKNESS | :                 |          |   | SITE DESCRIPTION DATE | : / /            |

## ----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS                 |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                    |   |
|-----------|----------------------|--------------------|---|
| CLASS 1 : |                      | TOTAL RECOVERABLE  | : |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE | : |
| CLASS 3 : | PROBABLE VOLUME :    |                    |   |
| CLASS 4 : | PROSPECTIVE VOLUME : |                    |   |
| CLASS 5 : |                      |                    |   |

TOTAL VOLUME :



SOURCE NUMBER: 02-02523R

NTS MAP REFERENCE : 105E/6W

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 60.0 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

## ----- Location Details -----

LOCATION : 4.3 km North of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 252.3  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 473600  
NORTHING : 6792800  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

|                    |   |                   |   |                    |   |
|--------------------|---|-------------------|---|--------------------|---|
| DATA QUALITY       | : | TESTPITS - NUMBER | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | - DEPTH           | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : |                   |   | - DEPTH            | : |

## ----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Poplar and Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Steep Sidehill  
SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02528R

NTS MAP REFERENCE : 105E/6W

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 60.5 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

## ----- Location Details -----

LOCATION : 4.8 km North of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 252.8  
OFFSET - DIRECTION : R  
- DISTANCE :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 473300  
NORTHING : 6793150  
LATITUDE :  
LONGITUDE :

## SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

## ----- Status/Useage Information -----

|                         |            |                                |                   |
|-------------------------|------------|--------------------------------|-------------------|
| LAND TENURE             | :          | STOCKPILE TYPE                 | : Gravel and Clay |
| STATUS                  | : Inactive | STOCKPILE QUANTITY             | :                 |
| PAST USE                | : Borrow   | EXCAVATED VOLUME - FOR HIGHWAY | :                 |
|                         |            | - FOR PIPELINE                 | :                 |
| DEVELOPMENT - POTENTIAL | :          | PERFORMANCE RATING             | :                 |
| - CONSTRAINTS           | :          |                                |                   |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |   |
|---------------------|---|---------------------------|---|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | : |

## ----- Subsurface Data -----

|                    |   |                    |   |
|--------------------|---|--------------------|---|
| DATA QUALITY       | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : | - DEPTH            | : |

## ----- Source Description -----

|                        |              |          |   |                       |                     |
|------------------------|--------------|----------|---|-----------------------|---------------------|
| GENERIC ORIGIN         | : Glacial    | LANDFORM | : | TOPOGRAPHY            | :                   |
| AREA DRAINAGE          | :            |          |   | SLOPE                 | : Moderate Sidehill |
| VEGETATION             | : Heavy Pine |          |   |                       |                     |
| PERMAFROST FEATURES    | :            |          |   |                       |                     |
| ACTIVE LAYER THICKNESS | :            |          |   | SITE DESCRIPTION DATE | : / /               |

## ----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS                 |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                    |   |
|-----------|----------------------|--------------------|---|
| CLASS 1 : |                      | TOTAL RECOVERABLE  | : |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE | : |
| CLASS 3 : | PROBABLE VOLUME :    |                    |   |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME       | : |
| CLASS 5 : |                      |                    |   |

SOURCE NUMBER: 02-02552L

NTS MAP REFERENCE : 105E/5E

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

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 62.9 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

----- Location Details -----

LOCATION : 7.2 km North of Fox Lake Campground  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 255.2  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 471050  
NORTHING : 6795900  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Moderate Pine and Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Sidehill Cut

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02566R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 64.3 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 15.1 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 256.6  
OFFSET - DIRECTION : R  
- DISTANCE :  
CO-ORDINATES OF DEPOSIT CENTRE  
UTM ZONE : 8  
EASTING : 471050  
NORTHING :  
LATITUDE :  
LONGITUDE :  
SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine and Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moderate Sidehill Slope  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02578R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 65.5 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 13.9 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 257.8  
OFFSET - DIRECTION : R  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 470300  
NORTHING : 6796850  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Sand and Gravel  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Steep Sidehill  
VEGETATION : Heavy Pine and Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02596R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 67.3 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :

STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 12.1 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 259.6  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 469050  
NORTHING : 6798000  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Angular Shales and Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Suboutcrop  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Steep Sidehill

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |               |  |
|-----------------------------|------------------------|---------------------|----------------------------------|---------------|--|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                                  |               |  |
| MOISTURE CONTENT            |                        |                     |                                  |               |  |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) :                        | FINES(%) :    |  |
|                             |                        | D-50 :              |                                  | OVERSIZE(%) : |  |
| PETROGRAPHIC NUMBER         |                        |                     |                                  |               |  |
| OTHER TESTS :               |                        |                     |                                  |               |  |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02596R

NTS MAP REFERENCE : 105E/5E

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

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 67.3 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

----- Location Details -----

LOCATION : 12.1 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 259.6  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : Adjacent  
CONDITION :  
SOURCE ACCESS :

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 469050  
NORTHING : 6798000  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                         |            |                                |                             |
|-------------------------|------------|--------------------------------|-----------------------------|
| LAND TENURE             | :          | STOCKPILE TYPE                 | : Angular Shales and Gravel |
| STATUS                  | : Inactive | STOCKPILE QUANTITY             | :                           |
| PAST USE                | : Borrow   | EXCAVATED VOLUME - FOR HIGHWAY | :                           |
|                         |            | - FOR PIPELINE                 | :                           |
| DEVELOPMENT - POTENTIAL | :          | PERFORMANCE RATING             | :                           |
| - CONSTRAINTS           | :          |                                |                             |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |   |
|---------------------|---|---------------------------|---|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | : |

----- Subsurface Data -----

|                    |   |                    |   |
|--------------------|---|--------------------|---|
| DATA QUALITY       | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : | - DEPTH            | : |
| TESTPITS - NUMBER  | : |                    |   |
| - DEPTH            | : |                    |   |

----- Source Description -----

|                        |              |          |   |                       |                  |
|------------------------|--------------|----------|---|-----------------------|------------------|
| GENERIC ORIGIN         | : Suboutcrop | LANDFORM | : | TOPOGRAPHY            | :                |
| AREA DRAINAGE          | :            |          |   | SLOPE                 | : Steep Sidehill |
| VEGETATION             | : Heavy Pine |          |   |                       |                  |
| PERMAFROST FEATURES    | :            |          |   |                       |                  |
| ACTIVE LAYER THICKNESS | :            |          |   | SITE DESCRIPTION DATE | : / /            |

----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS                 |                 |              |                           |

----- Material Quantity -----

|           |                    |                    |   |
|-----------|--------------------|--------------------|---|
| CLASS 1 : |                    | TOTAL RECOVERABLE  | : |
| CLASS 2 : | PROVEN VOLUME      | ANNUAL RECOVERABLE | : |
| CLASS 3 : | PROBABLE VOLUME    |                    |   |
| CLASS 4 : | PROSPECTIVE VOLUME | TOTAL VOLUME       | : |
| CLASS 5 : |                    |                    |   |

SOURCE NUMBER: 02-02609R

NTS MAP REFERENCE : 105E/5E

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

LOCAL NAMES : 68.6 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

## ----- Location Details -----

LOCATION : 10.8 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 260.9  
OFFSET - DIRECTION : R  
- DISTANCE :

## CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 467900  
NORTHING : 6798600  
LATITUDE :  
LONGITUDE :

## SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

## ----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

## ----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Mod. Slope, Sidehill Cut  
SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :



SOURCE NUMBER: 02-02703R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 78.0 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 10.9 km South of Breaburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 270.3  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464150  
NORTHING : 6805800  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Gravel and Clay  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Flat, Near Small Lake  
VEGETATION : Moderate Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02709R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 78.6 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 10.3 km South of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 270.9  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464200  
NORTHING : 6806300  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Gravel  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Widened Road Cut  
VEGETATION : None  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02716R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 79.3 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 9.6 km South of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 271.6  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 463900  
NORTHING : 6807000  
LATITUDE :  
LONGITUDE :

----- Status/Usage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Unsort, Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Sidehill Cut  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      | TOTAL VOLUME :       |

SOURCE NUMBER: 02-02720R

NTS MAP REFERENCE : 105E/5E

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

|                      |                       |                       |            |
|----------------------|-----------------------|-----------------------|------------|
| LOCAL NAMES          | : 79.7 km from Cutoff | STUDY NUMBER          | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER : |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :    |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: | 1:50000    |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER: |            |
| AREA :               |                       |                       |            |

----- Location Details -----

LOCATION : 9.2 km South of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 272.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 463700  
NORTHING : 6807300  
LATITUDE :  
LONGITUDE :

----- Status/Usage Information -----

|                           |                                  |                             |
|---------------------------|----------------------------------|-----------------------------|
| LAND TENURE :             | STOCKPILE TYPE                   | : Unsort, Clay and Boulders |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |                             |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |                             |
|                           | - FOR PIPELINE :                 |                             |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                             |
| - CONSTRAINTS :           |                                  |                             |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

----- Source Description -----

|                            |                         |                        |
|----------------------------|-------------------------|------------------------|
| GENERIC ORIGIN : Glacial   | LANDFORM :              | TOPOGRAPHY :           |
| AREA DRAINAGE :            |                         | SLOPE : Moderate Slope |
| VEGETATION : Moderate Pine |                         |                        |
| PERMAFROST FEATURES :      |                         |                        |
| ACTIVE LAYER THICKNESS :   | SITE DESCRIPTION DATE : | / /                    |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) : FINES(%) :      |
|                             |                 | D-50 :       | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02723R

NTS MAP REFERENCE : 105E/5E

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 80.0 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 8.9 km South of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 272.3  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 463600  
NORTHING : 6807600  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low-Small Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Top of Low Hill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02730R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 80.7 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 8.2 km South of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 273.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 463300  
NORTHING : 6808200  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Gravel Stockpile  
STATUS : Active      STOCKPILE QUANTITY :  
PAST USE : Crusher Site      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Moderate Sidehill  
VEGETATION : None  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02823R

NTS MAP REFERENCE : 105E/5E

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

|                     |                       |                       |            |
|---------------------|-----------------------|-----------------------|------------|
| LOCAL NAMES         | : 90.0 km from Cutoff | STUDY NUMBER          | : Y6 LA 15 |
| NEW SOURCE NUMBER : |                       | ALTER. STUDY NUMBER : |            |
| SOURCE CROSS REF. : |                       | STUDY CROSS REF. :    |            |
| SITE PLAN SCALE     | : 1:                  | STUDY AREA MAP SCALE: | 1:50000    |
| PLAN DIG. NUMBER :  |                       | MAP DIGITIZER NUMBER: |            |
| AREA                | :                     |                       |            |

----- Location Details -----

|                    |                                  |                                |            |
|--------------------|----------------------------------|--------------------------------|------------|
| LOCATION           | : 1.0 km South of Braeburn Lodge | CO-ORDINATES OF DEPOSIT CENTRE |            |
| CORRIDOR - NAME    | : Klondike Highway               | UTM ZONE                       | : 8        |
| - NUMBER           | : 2                              | EASTING                        | : 463100   |
| KILOMETRE POST     | : 282.3                          | NORTHING                       | : 6808350  |
| OFFSET - DIRECTION | : R                              | LATITUDE                       | :          |
| - DISTANCE         | :                                | LONGITUDE                      | :          |
|                    |                                  | SITE ACCESS                    |            |
|                    |                                  | ACCESS LENGTH                  | : 0        |
|                    |                                  | CONDITION                      | :          |
|                    |                                  | SOURCE ACCESS                  | : Adjacent |

----- Status/Useage Information -----

|                         |                |                                  |                    |
|-------------------------|----------------|----------------------------------|--------------------|
| LAND TENURE             | :              | STOCKPILE TYPE                   | : Gravel Stockpile |
| STATUS                  | : Active       | STOCKPILE QUANTITY :             |                    |
| PAST USE                | : Crusher Site | EXCAVATED VOLUME - FOR HIGHWAY : |                    |
|                         |                | - FOR PIPELINE :                 |                    |
| DEVELOPMENT - POTENTIAL | :              | PERFORMANCE RATING :             |                    |
| - CONSTRAINTS           | :              |                                  |                    |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |        |
|-----------------------|-----------------------------|--------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE     | : 1977 |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |        |

----- Subsurface Data -----

|                    |   |                    |   |
|--------------------|---|--------------------|---|
| DATA QUALITY       | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : | - DEPTH            | : |
| TESTPITS - NUMBER  | : |                    |   |
| - DEPTH            | : |                    |   |

----- Source Description -----

|                          |           |                       |   |            |                           |
|--------------------------|-----------|-----------------------|---|------------|---------------------------|
| GENERIC ORIGIN           | : Glacial | LANDFORM              | : | TOPOGRAPHY | :                         |
| AREA DRAINAGE            | :         |                       |   | SLOPE      | : Moderate Sidehill Slope |
| VEGETATION               | : None    |                       |   |            |                           |
| PERMAFROST FEATURES      | :         |                       |   |            |                           |
| ACTIVE LAYER THICKNESS : |           | SITE DESCRIPTION DATE | : | /          | /                         |

----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
|                             |                 |              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS :               |                 |              |                           |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 02-02831L

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 90.8 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 1.9 km North of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 283.1  
OFFSET - DIRECTION : L  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 462300  
NORTHING : 6808500  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :      STOCKPILE TYPE : Rounded Boulders  
STATUS : Inactive      STOCKPILE QUANTITY :  
PAST USE : Borrow      EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
DEVELOPMENT - POTENTIAL :      PERFORMANCE RATING :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Terrace Top  
VEGETATION : Low-Old Burn  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :



SOURCE NUMBER: 02-02838R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 91.5 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 2.6 km North of Breaburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 283.8  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 461350  
NORTHING : 6809750  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow

STOCKPILE TYPE : Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low-Small Trees  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Low Slope-Sidehill Cut  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02861R

NTS MAP REFERENCE : 105E/5W

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

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 93.8 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

----- Location Details -----

LOCATION : 4.9 km North of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 286.1  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 160  
CONDITION :  
SOURCE ACCESS : Road

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 459900  
NORTHING : 6811500  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Crusher Site

STOCKPILE TYPE : Gravel Stockpile  
STOCKPILE QUANTITY : 3823 m3  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE : 1977  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Sidehill Cut - Terrace

SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02896R

NTS MAP REFERENCE : 105E/5W

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

LOCAL NAMES : 97.3 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 8.4 km North of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 289.6  
OFFSET - DIRECTION : R  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 459000  
NORTHING : 6815800  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : None  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Flat  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02900R

NTS MAP REFERENCE : 105E/5W

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

|                   |                       |                      |            |
|-------------------|-----------------------|----------------------|------------|
| LOCAL NAMES       | : 97.7 km from Cutoff | STUDY NUMBER         | : Y6 LA 15 |
| NEW SOURCE NUMBER | :                     | ALTER. STUDY NUMBER  | :          |
| SOURCE CROSS REF. | :                     | STUDY CROSS REF.     | :          |
| SITE PLAN SCALE   | : 1:                  | STUDY AREA MAP SCALE | : 1:50000  |
| PLAN DIG. NUMBER  | :                     | MAP DIGITIZER NUMBER | :          |
| AREA              | :                     |                      |            |

----- Location Details -----

LOCATION : 8.8 km North of Braeburn Lodge  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 290.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 458900  
NORTHING : 6816000  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                         |            |                    |                            |
|-------------------------|------------|--------------------|----------------------------|
| LAND TENURE             | :          | STOCKPILE TYPE     | : Coarse Clay and Boulders |
| STATUS                  | : Inactive | STOCKPILE QUANTITY | :                          |
| PAST USE                | : Borrow   | EXCAVATED VOLUME   | - FOR HIGHWAY :            |
|                         |            |                    | - FOR PIPELINE :           |
| DEVELOPMENT - POTENTIAL | :          | PERFORMANCE RATING | :                          |
| - CONSTRAINTS           | :          |                    |                            |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                     |   |                           |   |
|---------------------|---|---------------------------|---|
| INVESTIGATION LEVEL | : | LAST INVESTIGATION DATE   | : |
| GEOPHYSICAL DATA    | : | PRIORITY FOR FUTURE STUDY | : |

----- Subsurface Data -----

|                    |   |                    |   |
|--------------------|---|--------------------|---|
| DATA QUALITY       | : | TEST HOLE DENSITY  | : |
| BOREHOLES - NUMBER | : | EXPOSURES - NUMBER | : |
| - DEPTH            | : | - DEPTH            | : |

----- Source Description -----

|                        |                    |          |   |                       |        |
|------------------------|--------------------|----------|---|-----------------------|--------|
| GENERIC ORIGIN         | : Glacial          | LANDFORM | : | TOPOGRAPHY            | :      |
| AREA DRAINAGE          | :                  |          |   | SLOPE                 | : Flat |
| VEGETATION             | : Low-Small Poplar |          |   |                       |        |
| PERMAFROST FEATURES    | :                  |          |   |                       |        |
| ACTIVE LAYER THICKNESS | :                  |          |   | SITE DESCRIPTION DATE | : / /  |

----- Source Stratigraphy -----

|                 |   |                    |   |
|-----------------|---|--------------------|---|
| GRANULAR - TYPE | : | OVERBURDEN - TYPE  | : |
| - THICKNESS     | : | - THICKNESS        | : |
|                 |   | UNDERBURDEN - TYPE | : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS | (MINIMUM/AVERAGE/MAXIMUM) |
|-----------------------------|-----------------|--------------|---------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |              |                           |
| MOISTURE CONTENT            |                 |              |                           |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :  | SAND(%) :                 |
|                             |                 | D-50 :       | FINES(%) :                |
|                             |                 |              | OVERSIZE(%) :             |
| PETROGRAPHIC NUMBER         |                 |              |                           |
| OTHER TESTS                 |                 |              |                           |

----- Material Quantity -----

|           |                      |                    |   |
|-----------|----------------------|--------------------|---|
| CLASS 1 : |                      | TOTAL RECOVERABLE  | : |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE | : |
| CLASS 3 : | PROBABLE VOLUME :    |                    |   |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME       | : |
| CLASS 5 : |                      |                    |   |

SOURCE NUMBER: 02-02614L

NTS MAP REFERENCE : 105E/5E

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 69.1 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 10.3 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 261.4  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 467400  
NORTHING : 6798650  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |                   |
|---------------------------|----------------------------------|-------------------|
| LAND TENURE :             | STOCKPILE TYPE                   | : Gravel and Clay |
| STATUS : Active           | STOCKPILE QUANTITY :             |                   |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |                   |
|                           | - FOR PIPELINE :                 |                   |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                   |
| - CONSTRAINTS :           |                                  |                   |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

----- Source Description -----

|                                       |                         |                             |
|---------------------------------------|-------------------------|-----------------------------|
| GENERIC ORIGIN : Glacial              | LANDFORM :              | TOPOGRAPHY :                |
| AREA DRAINAGE :                       |                         | SLOPE : Widened Highway Cut |
| VEGETATION : Moderate Pine and Poplar |                         |                             |
| PERMAFROST FEATURES :                 |                         |                             |
| ACTIVE LAYER THICKNESS :              | SITE DESCRIPTION DATE : | / /                         |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| <u>TEST NAME</u>            | <u>TESTS PERFORMED</u> | <u>TEST RESULTS</u> | <u>(MINIMUM/AVERAGE/MAXIMUM)</u> |               |
|-----------------------------|------------------------|---------------------|----------------------------------|---------------|
| UNIFIED SOIL CLASSIFICATION | 0                      |                     |                                  |               |
| MOISTURE CONTENT            |                        |                     |                                  |               |
| PARTICLE SIZE ANALYSIS      | 0                      | GRAVEL(%) :         | SAND(%) :                        | FINES(%) :    |
|                             |                        | D-50 :              |                                  | OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                        |                     |                                  |               |
| OTHER TESTS :               |                        |                     |                                  |               |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02620R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 69.7 km from Cutoff      STUDY NUMBER : Y6 LA 15  
NEW SOURCE NUMBER :      ALTER. STUDY NUMBER :  
SOURCE CROSS REF. :      STUDY CROSS REF. :  
SITE PLAN SCALE : 1:      STUDY AREA MAP SCALE: 1:50000  
PLAN DIG. NUMBER :      MAP DIGITIZER NUMBER:  
AREA :

----- Location Details -----

LOCATION : 9.7 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 262.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 467100  
NORTHING : 6799200  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Borrow

STOCKPILE TYPE : Sand  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :      LAST INVESTIGATION DATE :  
GEOPHYSICAL DATA :      PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :      TEST HOLE DENSITY :  
BOREHOLES - NUMBER :      TESTPITS - NUMBER :      EXPOSURES - NUMBER :  
- DEPTH :      - DEPTH :      - DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial      LANDFORM :      TOPOGRAPHY :  
AREA DRAINAGE :      SLOPE : Flat  
VEGETATION : Low Poplar and Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :      SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :      OVERBURDEN - TYPE :  
- THICKNESS :      - THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM) |                             |  |
|-----------------------------|-----------------|-----------------------|---------------------------|-----------------------------|--|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                           |                             |  |
| MOISTURE CONTENT            |                 |                       |                           |                             |  |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :                 | FINES(%) :<br>OVERSIZE(%) : |  |
| PETROGRAPHIC NUMBER         |                 |                       |                           |                             |  |
| OTHER TESTS :               |                 |                       |                           |                             |  |

----- Material Quantity -----

CLASS 1 :      TOTAL RECOVERABLE :  
CLASS 2 :      PROVEN VOLUME :      ANNUAL RECOVERABLE :  
CLASS 3 :      PROBABLE VOLUME :  
CLASS 4 :      PROSPECTIVE VOLUME :  
CLASS 5 :      TOTAL VOLUME :

SOURCE NUMBER: 02-02622L

NTS MAP REFERENCE : 105E/5E

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 69.9 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

## ----- Location Details -----

LOCATION : 9.5 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 262.2  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 466900  
NORTHING : 6799300  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

|                           |                                  |                 |
|---------------------------|----------------------------------|-----------------|
| LAND TENURE :             | STOCKPILE TYPE                   | : Sand and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |                 |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |                 |
|                           | - FOR PIPELINE :                 |                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |                 |
| - CONSTRAINTS :           |                                  |                 |

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

## ----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

## ----- Source Description -----

|                          |                             |                          |
|--------------------------|-----------------------------|--------------------------|
| GENERIC ORIGIN : Glacial | LANDFORM :                  | TOPOGRAPHY :             |
| AREA DRAINAGE :          |                             | SLOPE : Widened Road Cut |
| VEGETATION : Low-Poplar  |                             |                          |
| PERMAFROST FEATURES :    |                             |                          |
| ACTIVE LAYER THICKNESS : | SITE DESCRIPTION DATE : / / |                          |

## ----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02647R

NTS MAP REFERENCE : 105E/5E

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 72.4 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 7.0 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 264.7  
OFFSET - DIRECTION : R  
- DISTANCE :

----- CO-ORDINATES OF DEPOSIT CENTRE -----

UTM ZONE : 8  
EASTING : 465400  
NORTHING : 6801350  
LATITUDE :  
LONGITUDE :

----- SITE ACCESS -----

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Gravel and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
| - DEPTH :            |                     | - DEPTH :            |

----- Source Description -----

|                          |            |                             |
|--------------------------|------------|-----------------------------|
| GENERIC ORIGIN : Glacial | LANDFORM : | TOPOGRAPHY :                |
| AREA DRAINAGE :          |            | SLOPE : Flat                |
| VEGETATION : None        |            |                             |
| PERMAFROST FEATURES :    |            |                             |
| ACTIVE LAYER THICKNESS : |            | SITE DESCRIPTION DATE : / / |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :



SOURCE NUMBER: 02-02660R

NTS MAP REFERENCE : 105E/5E

## ===== PART A:DEPOSIT LOCATION AND STATUS =====

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 73.7 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

## ----- Location Details -----

LOCATION : 5.7 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 266.0  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464600  
NORTHING : 6802300  
LATITUDE :  
LONGITUDE :

## ----- Status/Useage Information -----

LAND TENURE :  
STATUS : Active  
PAST USE : Crusher Site

STOCKPILE TYPE : Gravel Stockpile  
STOCKPILE QUANTITY : 3058 m3  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :

DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :

PERFORMANCE RATING :

## ===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :

LAST INVESTIGATION DATE : 1977  
PRIORITY FOR FUTURE STUDY :

## ----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :

TESTPITS - NUMBER :  
- DEPTH :

TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

## ----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Light Poplar  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :

LANDFORM :

TOPOGRAPHY :  
SLOPE : Steep Sidehill

SITE DESCRIPTION DATE : / /

## ----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :

OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

## ===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

## ----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :

PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :

TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :

TOTAL VOLUME :

SOURCE NUMBER: 02-02671L

NTS MAP REFERENCE : 105E/5E

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

|                      |                       |                               |            |
|----------------------|-----------------------|-------------------------------|------------|
| LOCAL NAMES          | : 74.8 km from Cutoff | STUDY NUMBER                  | : Y6 LA 15 |
| NEW SOURCE NUMBER :  |                       | ALTER. STUDY NUMBER :         |            |
| SOURCE CROSS REF. :  |                       | STUDY CROSS REF. :            |            |
| SITE PLAN SCALE : 1: |                       | STUDY AREA MAP SCALE: 1:50000 |            |
| PLAN DIG. NUMBER :   |                       | MAP DIGITIZER NUMBER:         |            |
| AREA :               |                       |                               |            |

----- Location Details -----

LOCATION : 4.6 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 267.1  
OFFSET - DIRECTION : L  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464200  
NORTHING : 6802800  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

|                           |                                  |
|---------------------------|----------------------------------|
| LAND TENURE :             | STOCKPILE TYPE : Gravel and Clay |
| STATUS : Inactive         | STOCKPILE QUANTITY :             |
| PAST USE : Borrow         | EXCAVATED VOLUME - FOR HIGHWAY : |
|                           | - FOR PIPELINE :                 |
| DEVELOPMENT - POTENTIAL : | PERFORMANCE RATING :             |
| - CONSTRAINTS :           |                                  |

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

|                       |                             |
|-----------------------|-----------------------------|
| INVESTIGATION LEVEL : | LAST INVESTIGATION DATE :   |
| GEOPHYSICAL DATA :    | PRIORITY FOR FUTURE STUDY : |

----- Subsurface Data -----

|                      |                     |                      |
|----------------------|---------------------|----------------------|
| DATA QUALITY :       | TESTPITS - NUMBER : | TEST HOLE DENSITY :  |
| BOREHOLES - NUMBER : | - DEPTH :           | EXPOSURES - NUMBER : |
|                      |                     | - DEPTH :            |

----- Source Description -----

|                                  |                             |              |
|----------------------------------|-----------------------------|--------------|
| GENERIC ORIGIN : Glacial         | LANDFORM :                  | TOPOGRAPHY : |
| AREA DRAINAGE :                  |                             | SLOPE : Flat |
| VEGETATION : Low Poplar and Pine |                             |              |
| PERMAFROST FEATURES :            |                             |              |
| ACTIVE LAYER THICKNESS :         | SITE DESCRIPTION DATE : / / |              |

----- Source Stratigraphy -----

|                   |                      |
|-------------------|----------------------|
| GRANULAR - TYPE : | OVERBURDEN - TYPE :  |
| - THICKNESS :     | - THICKNESS :        |
|                   | UNDERBURDEN - TYPE : |

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : |                      |
| CLASS 5 : |                      |                      |

TOTAL VOLUME :

SOURCE NUMBER: 02-02675R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 75.2 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 4.2 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 267.5  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464250  
NORTHING : 6803400  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Low-Poplar and Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Flat  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02689R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 76.6 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 2.8 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 268.9  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS

ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464200  
NORTHING : 6803600  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Steep Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

|           |                      |                      |
|-----------|----------------------|----------------------|
| CLASS 1 : |                      | TOTAL RECOVERABLE :  |
| CLASS 2 : | PROVEN VOLUME :      | ANNUAL RECOVERABLE : |
| CLASS 3 : | PROBABLE VOLUME :    |                      |
| CLASS 4 : | PROSPECTIVE VOLUME : | TOTAL VOLUME :       |
| CLASS 5 : |                      |                      |

SOURCE NUMBER: 02-02693R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 77.0 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 2.4 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 269.3  
OFFSET - DIRECTION : R  
- DISTANCE :

SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

CO-ORDINATES OF DEPOSIT CENTRE

UTM ZONE : 8  
EASTING : 464150  
NORTHING : 6804950  
LATITUDE :  
LONGITUDE :

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Large Boulders and Gravel  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moderate Slope  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :

SOURCE NUMBER: 02-02698R

NTS MAP REFERENCE : 105E/5E

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

LOCAL NAMES : 77.5 km from Cutoff  
NEW SOURCE NUMBER :  
SOURCE CROSS REF. :  
SITE PLAN SCALE : 1:  
PLAN DIG. NUMBER :  
AREA :  
STUDY NUMBER : Y6 LA 15  
ALTER. STUDY NUMBER :  
STUDY CROSS REF. :  
STUDY AREA MAP SCALE: 1:50000  
MAP DIGITIZER NUMBER:

----- Location Details -----

LOCATION : 1.9 km South of Top of Fifty Mile Hill  
CORRIDOR - NAME : Klondike Highway  
- NUMBER : 2  
KILOMETRE POST : 269.8  
OFFSET - DIRECTION : R  
- DISTANCE :  
CO-ORDINATES OF DEPOSIT CENTRE  
UTM ZONE : 8  
EASTING : 464050  
NORTHING : 6805350  
LATITUDE :  
LONGITUDE :  
SITE ACCESS  
ACCESS LENGTH : 0  
CONDITION :  
SOURCE ACCESS : Adjacent

----- Status/Useage Information -----

LAND TENURE :  
STATUS : Inactive  
PAST USE : Borrow  
DEVELOPMENT - POTENTIAL :  
- CONSTRAINTS :  
STOCKPILE TYPE : Gravel and Clay  
STOCKPILE QUANTITY :  
EXCAVATED VOLUME - FOR HIGHWAY :  
- FOR PIPELINE :  
PERFORMANCE RATING :

===== PART B:SOURCE INVESTIGATION AND DESCRIPTION =====

INVESTIGATION LEVEL :  
GEOPHYSICAL DATA :  
LAST INVESTIGATION DATE :  
PRIORITY FOR FUTURE STUDY :

----- Subsurface Data -----

DATA QUALITY :  
BOREHOLES - NUMBER :  
- DEPTH :  
TESTPITS - NUMBER :  
- DEPTH :  
TEST HOLE DENSITY :  
EXPOSURES - NUMBER :  
- DEPTH :

----- Source Description -----

GENERIC ORIGIN : Glacial  
AREA DRAINAGE :  
VEGETATION : Heavy Pine  
PERMAFROST FEATURES :  
ACTIVE LAYER THICKNESS :  
LANDFORM :  
TOPOGRAPHY :  
SLOPE : Moderate Sidehill  
SITE DESCRIPTION DATE : / /

----- Source Stratigraphy -----

GRANULAR - TYPE :  
- THICKNESS :  
OVERBURDEN - TYPE :  
- THICKNESS :  
UNDERBURDEN - TYPE :

===== PART C:TEST RESULTS AND MATERIAL QUALITY =====

| TEST NAME                   | TESTS PERFORMED | TEST RESULTS          | (MINIMUM/AVERAGE/MAXIMUM)                |
|-----------------------------|-----------------|-----------------------|------------------------------------------|
| UNIFIED SOIL CLASSIFICATION | 0               |                       |                                          |
| MOISTURE CONTENT            |                 |                       |                                          |
| PARTICLE SIZE ANALYSIS      | 0               | GRAVEL(%) :<br>D-50 : | SAND(%) :<br>FINES(%) :<br>OVERSIZE(%) : |
| PETROGRAPHIC NUMBER         |                 |                       |                                          |
| OTHER TESTS :               |                 |                       |                                          |

----- Material Quantity -----

CLASS 1 :  
CLASS 2 :  
CLASS 3 :  
CLASS 4 :  
CLASS 5 :  
PROVEN VOLUME :  
PROBABLE VOLUME :  
PROSPECTIVE VOLUME :  
TOTAL RECOVERABLE :  
ANNUAL RECOVERABLE :  
TOTAL VOLUME :