

INVENTORY OF EXISTING GRAVEL PITS  
ALONG MAJOR HWYS. & COMMUNITIES  
IN THE YUKON TERRITORY

MAYO

A.C. 16 of 16



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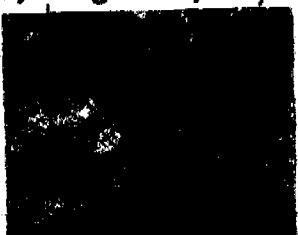
## INTRODUCTION

This inventory of existing gravel (borrow) pits along major Yukon highways and around some specific communities was prepared in March-July, 1977 by Archer, Cathro & Associates Ltd. of Whitehorse under DINA contract Y6 LA 15 dated February 17, 1977. The bulk of the inventory was prepared by Michael P. Phillips who researched available information in government files within Yukon and drove all the highways covered in this inventory. Project supervisor was Mr. R.S. Friesen, Research and Special Projects Officer, Northern Operations Branch, Yukon Region, DINA. The inventory comprises 2,474 borrow pits and test sites.

The preparation of the inventory was stimulated by (1) the lack of systematic information on existing locations of road-building material and concrete aggregate, and (2) a desire to establish a uniform data base that could be maintained and up-dated by individual Resource Management Officers (RMO's) throughout the territory.

The inventory consists of individual data pages prepared for each borrow pit or test site within each Resource Management Area (R.M. Area). Individual pits or sites are given an identification number and are numbered consecutively on each highway, commencing at the R.M. Area boundary or highway junction and increasing in the same direction as the highway mileage posts (MP). The format for the individual pages was designed after studying the information already contained in government files and holding discussions with the various government agencies involved on the type of information that should be collected and recorded by RMO's.

The study comprises office and field investigations of all Yukon highways except the North and South Canal Roads, Nahanni Range (Cantung) Road, Aishihik Road beyond Otter Falls, Snag Road, the Dempster Highway beyond



Eagle River bridge (MP 236) and recreation roads such as Kusawa Lake Road, Mush Lake Road, Freegold Road, Nansen Road, Ethel Lake Road, Mayo Lake Road, and Tatchun Lake-Frenchman Lake Road. Gravel pits at each community except Whitehorse were also inventoried.

An example inventory page covering borrow site 65 at MP 1022.2 on the Alaska Highway (Kluane R.M. Area) is shown on the following pages, with a simple surface sketch plan copied from DPW files. This is an example of a site that has been studied in more detail and has a great deal of data included on the page. The majority of the sites in Yukon have received no study at all.

The standard 8½" x 11 inch page size and three-ring binder format has been adopted because:

- (a) it is inexpensive to duplicate;
- (b) it can be easily revised by adding new pages or substituting updated pages for old pages;
- (c) information gaps are visually obvious to senior Whitehorse personnel and to RMO's who will be responsible for updating the inventory pages within their respective management areas.

In addition, new borrow pits or test sites can easily be inserted in the numbering system by filling out a new page and designating it with an immediate number (e.g. 65A or 65.1). Additional information on a site, such as a drill plan, legal survey or sketch of a gravel pit reserve, or a photograph can be inserted behind the appropriate page as it becomes available or is revised.

Accurate site locations are plotted on strip topographic maps along the highway alignments, which are filed in a pocket at the back of this book.

Wherever possible, the National Topographic System 1:50,000 scale series has been used for base maps. However, the Campbell Highway between Carmacks and Little Salmon Lake is not plotted on the published 1:50,000 scale maps and test sites for that stretch of road have been plotted on a simplified 1:50,000 scale line map. In the few instances where 1:50,000 coverage is unavailable, 1:250,000 scale maps were enlarged by hand to provide a crude 1:50,000 scale map.

The type of information required in each portion of the inventory page is discussed on the following pages.

## YUKON GRAVEL INVENTORY

(A) **M.M. Area:** Kluane **Borrow or Test Site No:** 65

(B) **Location:** 1022.2 **Highway No:** 1 **Side** ☒ R ☐ L **Distance:** 0.2 mi

**Access:** Excellent **Highway Name:** Alaska

**Tenure:** Gravel Pit Reserve Appl. **Current Status:** Active

**Plan:** Yes ☐ No ☒

## STOCKPILE

## SITE

## TYPE

## HISTORY

**Date:** May/77 **Crush Amount:** ± 750 Cu.Yds.

**Description:** Moderate Sidehill **Tree Cover:** Thick Spruce, Popl

**Material:** Gravel **Deposit:**

**Past Use:** Borrow - Surfacing **Date:**

**Performance Rating:** **Amount Used:**

**Remarks:**

## TEST SUMMARY

**Augered** ☐ **Pitted** ☒ **Trenched** ☐ **Not Indicated** ☐

**Lab. Test** ☒ **Sketch (Plan)** ☒ **Crushed:** ☐

**Date:** July/69 **Sites Sampled:** 4 Pits

SUBSURFACE  
TEST RESULTS

Depth	Max.	Min.	Average
Overburden	1'	0	
Material	15 1/2'	14'	

**Quantity (CuYds) Estimated** **Proven**

**Remarks:** Some calcite coating gravel.

## LAB. TEST RESULTS

**Los Angeles Abrasion % Loss:** 17.3 **Crush Count:**

**Other Tests:** Petrographic Analysis - Quartzite - 50%; Granite - 20%; Limestone - 15%; Porphyry - 5%; Others - 10%

Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Av.-4 Pits		88	66	50	39	31	14	3	--	NP
Crush-1" 1 Pit		100	85	55	41	30	14	4	--	NP
Crush-1 Pit 3/4"		100	98	69	46	32	15	3	--	NP

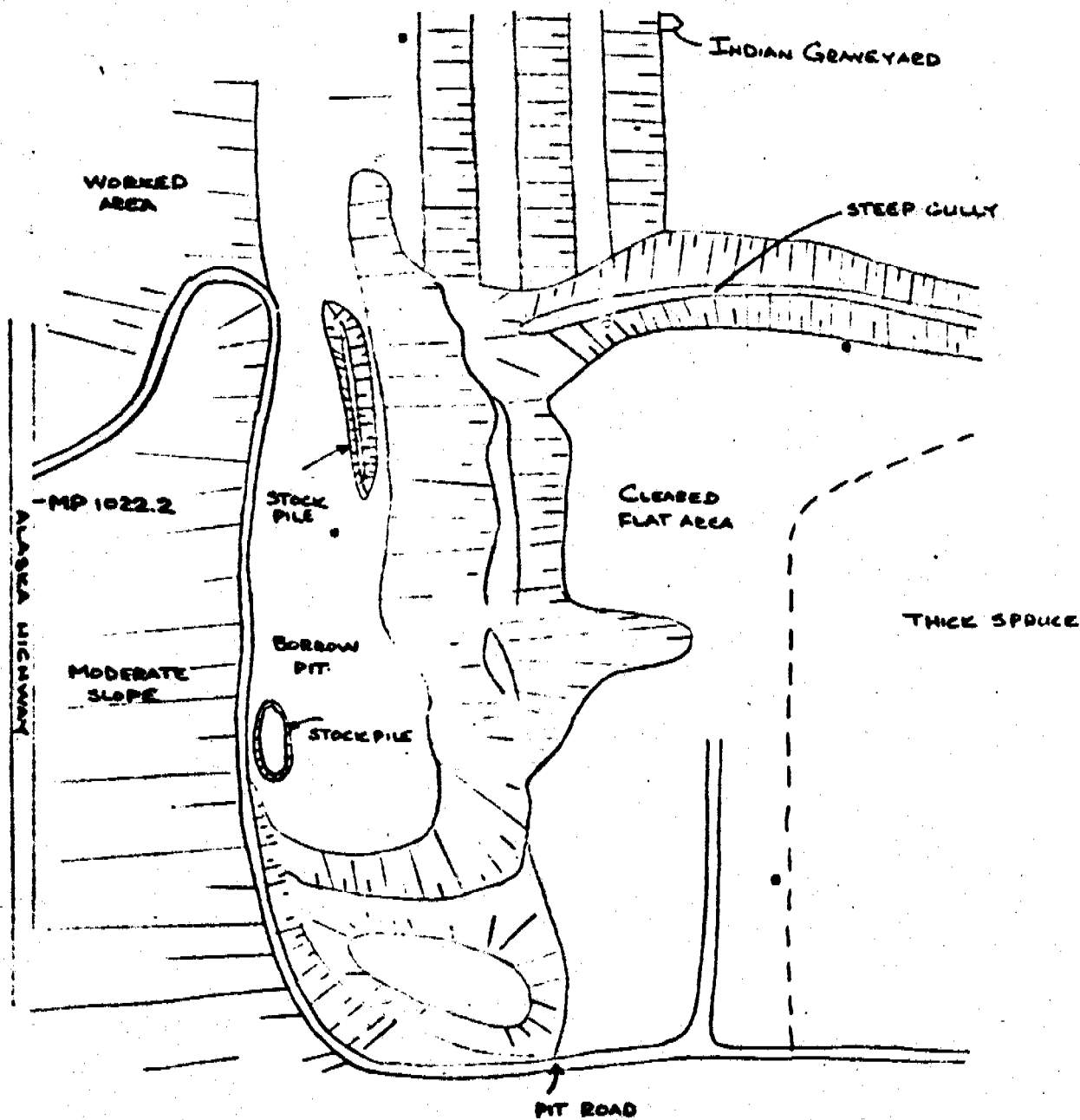
Potential  
Conflicts

**Environmental:** Indian Grave, Scenic Viewpoint

**Land Use:**

## REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data;  
Federal Lands Office



SITE NO 65  
KLUANE R.M.A  
TEST AREA  
ALASKA HIGHWAY MP 1022.2 R.H.S

NO SCALE  
• TEST PIT

(A) GEOGRAPHIC LOCATION

(1) Resource Management Area (R.M. Area)

Area names and boundaries were obtained from a 1:500,000 scale wall plan in the Yukon Forest Service Whitehorse office. Area boundaries are illustrated on individual 1:50,000 scale gravel inventory plans and the 1:1,000,000 scale index map.

(2) Borrow or Test Site Number

Excavations made for road building and maintenance materials are called gravel pits by the layman. Engineering terminology defines gravel as material with rounded rock fragments between 3/8" and 3" in diameter and excludes sand or clay. Borrow, as defined in the American Institute of Geology's Glossary of Geology is earth material (sand, gravel) taken from one location to be used for fill in another location. This definition does not include weathered and fresh bedrock which is often used in Yukon where glacial or fluvial deposits are not developed (e.g. North Dempster and Boundary Highways). Bedrock excavations should correctly be called quarries but in this inventory, borrow refers to all excavations made for road building or maintenance and includes both overburden and bedrock material.

A test site is a locality where DPW has conducted materials investigations and testing.

Pits are numbered in sequence, starting at unity for each R.M. Area, and borrow and test sites are distinguished by separate map symbols. Borrow sites can be differentiated from test sites on the inventory

sheets by the word borrow after the heading "Past Use" in the Site Data section.

New pits added to the inventory should be identified with an intermediate letter or number (e.g. 65A or 65.1) following the lowest adjacent site number.

(3) Location

All sites are located by road mileage (MP) because only the Alaska and Klondike Highways have been converted to metric distance markers to date. Most published NTS maps show occasional MP locations and mileage locations were determined in the field from MP markers and bridge signs. Space has been provided to add kilometre post locations (KP) for each site as metrification is completed on each highway.

(4) Highway Number and Name

These were taken from the official Yukon Territorial Government road map. Roads with no official name have been called by the most common local name. The Boundary Road is often called the Taylor Highway.

(5) Side

R and L refer to the right and left sides of the highway when facing in the direction of increasing road mileage.

(6) Distance

This is the distance of the borrow or pit from the road right-of-way. Most sites are beside the road and are designated as adjacent.



(7) Access

This refers to the condition of the borrow access road. If the space is left blank it means that access has been removed or destroyed by regrowth of vegetation.

(B) TENURE & STATUS

(1) Tenure

Most borrow sites occur on unreserved Crown land but a few gravel pits have been developed under a Gravel Pit Reserve application. A legal description and/or plan of the reserve is attached to the pertinent inventory page if available. In a few cases, a gravel reserve plan is available even though there is no record that an application for a reserve has been made.

(2) Current Status

Sites are classed as either active or inactive. Active sites on major highways and roads are usually used to provide crushed surfacing material while sites on secondary highways and roads are usually used to provide naturally occurring surfacing material. Inactive sites include both construction and crushing borrows.

(C) SITE DATA

(1) Stockpile

(a) Date - This refers to the month and year when the stockpile was inventoried by Archer, Cathro.

(b) Amount - The amount of stockpile is a rough estimate in cubic yards. As crushed material is being continually withdrawn and/or replaced during the summer, the stockpile should be updated annually by the area RMO.

(2) Site

(a) Description - This refers to the topography in the immediate site area which is categorized as either gentle, moderate or steep.

(b) Tree Cover - The density surrounding the site is given as either light, moderate or heavy with the first tree-type listed being the most common.

(3) Type

(a) Material - This is a visual description rather than a technical or engineering description obtained from DPW records.

(b) Deposit - Generally loosely classified as glacial (ice moved) or fluvial (water moved) in origin.

(4) History

(a) Past Use - The word borrow is inserted in this heading to differentiate a test site from a borrow site. The word crusher site or surfacing is added if it appears material was used for stockpiling crush.

(b) Date - This refers to the last date the borrow was used and has usually been obtained from DPW records.

(c) Performance Rating - This is a value judgment made by DPW personnel of the suitability of crushed material for road surfacing.

(d) Amount Used - This refers to total quantity of material used from a borrow site.

(e) Remarks - Any additional comments by DPW testing personnel are given under this heading.

#### (D) TEST SUMMARY

This section briefly summarizes information stored in DPW records. Files on individual sites are often incomplete.

#### (E) SUBSURFACE TEST RESULTS

Information in this section has been taken from DPW hole and pit logs. Actual depth of aggregate in the deposit will exceed this unless bedrock is indicated. Material depth is the hole or pit depth less the overburden depth.

#### (F) LABORATORY TEST RESULTS

##### (1) Los Angeles Abrasion % Loss

This is a test to determine the wearing characteristics of pit material. A sized sample is placed in a drum with steel balls and tumbled for a specified time and the loss in size is expressed as a percentage of the original.

##### (2) Crush Count

A sample with rock fragments above 1/4" diameter is passed through a crusher. Fragments with at least one fresh fracture surface are noted and expressed as a percentage of the original material.

(3) Petrographic Analysis

This is a catalogue of the rock types represented in a sample of 1/4" diameter or larger fragments to determine if any deleterious material is present.

(4) Grain Size Analysis

This is a summary of tests performed at a materials testing laboratory. The sampled material, called pitrun, is sieved and the percentage of grain sizes is recorded. Material finer than the No. 200 sieve size is either silt or clay and is determined by liquid limit (LL) and plastic index (PI) tests. NP means the material has no plasticity. Tested material can include both crushed and uncrushed samples.

(G) POTENTIAL CONFLICTS

This heading was rarely completed in this inventory. In general, large pits near the road detract from the aesthetic appearance of the highway and the recent policy of obtaining borrow beyond sight of the road should be continued.

(H) REFERENCE

(1) DPW Materials Inventory

Results on borrow and test sites are available for the Alaska Highway, Haines Road and Campbell Highway between Carmacks and Faro junction. Most of the information is on the Alaska Highway.



For the Alaska Highway, a five volume set of books summarizes results which have been indexed by mileage on an 8½" x 11" form similar to that used in this inventory. Separate pages with test sample results, drill or pit hole logs and plan or sketch are sometimes included with this form but only drill hole or pit logs are available in some cases.

Large scale, detailed plans have been prepared for sites where many holes have been drilled or pits have been dug. These show hole or pit locations and elevations, topographic and cultural features, as well as cross sections through holes or pits. A simplified version of these plans has been included in this inventory.

(2) DPW Legal File

This 8½" x 11" file has plans of gravel pit reserves. A legal description of reserve is sometimes attached to the plan.

(3) Federal Lands Office

A separate file for each Gravel Pit Reserve is kept at the Federal Lands Office in the YTG Building. Mr. W. Ward summarized these files in table form in February, 1977 according to Resource Management Area.

(4) YTG Department of Highways

This department provided an incomplete tabular list of all known active borrow sites on Yukon highways except the Boundary Road, Dempster Highway and North and South Canol Roads.

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 1

Location:

Highway No: 11

Side

R ☒ L ☐

Distance: Adjacent

MP 189.9

KP

Highway Name:

Dempster

Access

None

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE  
SITE  
TYPE  
HISTORY

Date:

Amount:

Cu.Yds.

Description: Gentle Slope

Tree Cover: Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use: Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐Pitted ☐Trenched ☐Not Indicated ☐Lab. Test ☐Sketch (Plan) ☐Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE  
TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.

Depth

1-1/2"

3/4"

3/8"

No. 4

No. 10

No. 40

No. 200

LL

PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 2

Location: Highway No: II Side R ☐ L ☒ Distance: 0.05 mi  
 MP 190.0 KP Highway Name: Dempster Access Poor

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE  
SITE  
TYPE  
HISTORY

Date: Amount: Cu.Yds.  
 Description: Gentle Slope Tree Cover: Scrub Spruce  
 Material: Bedrock - Sandstone Deposit:  
 Past Use: Borrow Date:  
 Performance Rating: Amount Used:  
 Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐  
 Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

SUBSURFACE  
TEST RESULTS

Date: Sites Sampled:  
 Depth Max. Min. Average  
 Overburden  
 Material  
 Quantity: (CuYds) Estimated Proven  
 Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 3

Location:

Highway No: 11

Side R ☒ L ☐

Distance: 0.05 mi

MP 190.2

KP Highway Name: Dempster

Access: None

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE

SITE

TYPE

Date:

Amount: Cu.Yds.

Description: Gentle Slope

Tree Cover: Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use: Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.

Depth

1-1/2"

3/4"

3/8"

No. 4

No. 10

No. 40

No. 200

LL

PI

Potential

Environmental:

Conflicts

Land Use:

REFERENCE:



## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 4

Location: Highway No: 11 Side R ☒ L ☐ Distance: 0.05 mi  
 MP 191.4 KP Highway Name: Dempster Access Good

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE  
SITE  
TYPE  
HISTORY

Date: Amount: Cu.Yds.  
 Description: Moderate Slope Tree Cover: Moderate Spruce  
 Material: Bedrock - Sandstone Deposit:  
 Past Use: Borrow Date:  
 Performance Rating: Amount Used:  
 Remarks:

## TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐  
 Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

SUBSURFACE  
TEST RESULTS

Date: Sites Sampled:  
 Depth Max. Min. Average  
 Overburden  
 Material  
 Quantity (CuYds) Estimated Proven  
 Remarks:

## LAB. TEST RESULTS

Los Angeles Abrasion % Loss: Crush Count:

Other Tests:

## Grain Size Analysis

## % Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: <u>Old Crow</u>		Borrow or Test Site No: <u>5</u>	
Location: <u>MP 192.4</u>	Highway No: <u>11</u>	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>0.1 mi</u>
KP <u>192.4</u>	Highway Name: <u>Dempster</u>	Access	<u>None</u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE	Date:	Amount:	Cu. Yds.
	Description: Gentle Slope	Tree Cover: Heavy Scrub Spruce	
	Material: Bedrock - Sandstone	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	<input type="checkbox"/>	Pitted	<input type="checkbox"/>	Trenched	<input type="checkbox"/>	Not Indicated	<input type="checkbox"/>
	Lab. Test	<input type="checkbox"/>	Sketch (Plan)	<input type="checkbox"/>	Crushed:	<input type="checkbox"/>		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

# YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 6	
Location: MP 194.7	Highway No: 11	Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: Adjacent
KP	Highway Name: Dempster	Access	None
Tenure: Plan		Current Status: Inactive	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope	Tree Cover: Moderate Spruce	
	Material: Bedrock - Sandstone	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date: _____		Sites Sampled: _____	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated _____ Proven _____			
Remarks: _____				

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 7	
Location:	Highway No: 11	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: 0.1 mi
MP 195.2	KP Highway Name: Dempster	Access None	
Tenure:		Current Status: Inactive	
Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>		

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope		Tree Cover: Heavy Spruce
SITE	Material: Bedrock - Sandstone		Deposit:
	Past Use: Borrow	Date:	
TYPE	Performance Rating:	Amount Used:	
	Remarks:		
HISTORY			

TEST SUMMARY	Augered	<input type="checkbox"/>	Pitted	<input type="checkbox"/>	Trenched	<input type="checkbox"/>	Not Indicated	<input type="checkbox"/>
	Lab. Test	<input type="checkbox"/>	Sketch (Plan)	<input type="checkbox"/>	Crushed:	<input type="checkbox"/>		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:



## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 8	
Location: MP 196.1	Highway No: 11	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: 0.05 mi
KP	Highway Name: Dempster	Access: None	
Tenure: Plan		Current Status: Inactive	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gentle Slope	Tree Cover: Heavy Spruce
	Material: Bedrock - Sandstone	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
Remarks:				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:
	Other Tests:	
Grain Size Analysis		% Passing Sieve Size
Hole No.	Depth	1-1/2" 3/4" 3/8" No. 4 No. 10 No. 40 No. 200 LL PI'

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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## YUKON GRAVEL INVENTORY

R.M. Area: <b>Old Crow</b>		Borrow or Test Site No: <b>9</b>	
Location: <b>MP 198.0</b>	Highway No: <b>11</b>	Side <b>R</b> <input type="checkbox"/> <b>L</b> <input checked="" type="checkbox"/>	Distance: <b>Adjacent</b>
KP <b>198.0</b> Highway Name: <b>Dempster</b>		Access: <b>None</b>	
Tenure: <b>Plan</b>		Current Status: <b>Inactive</b>	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <b>Moderate Slope</b>	Tree Cover: <b>Heavy Spruce</b>
	Material: <b>Bedrock - Sandstone</b>	Deposit: <input type="text"/>
	Past Use: <b>Borrow</b>	Date: <input type="text"/>
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>
Remarks: <input type="text"/>		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<input type="text"/>
SUBSURFACE TEST RESULTS	Date: <input type="text"/>		Sites Sampled: <input type="text"/>	
	Depth	Max.	Min.	Average
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Quantity (CuYds) Estimated		Proven	
Remarks: <input type="text"/>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <input type="text"/>	Crush Count: <input type="text"/>								
	Other Tests: <input type="text"/>									
Grain Size Analysis		Σ Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential Conflicts	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

REFERENCE:	<input type="text"/>
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## YUKON GRAVEL INVENTORY

R.M. Area: <u>Old Crow</u>		Borrow or Test Site No: <u>10</u>	
Location: <u>MP 198.8</u>	Highway No: <u>11</u>	Side <u>R</u> <input type="checkbox"/> <u>L</u> <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>198.8</u>	Highway Name: <u>Dempster</u>	Access: <u>Fair</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Moderate Slope</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Bedrock - Sandstone</u>	Deposit: <input type="text"/>
	Past Use: <u>Borrow</u>	Date: <input type="text"/>
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>
Remarks: <input type="text"/>		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<input type="text"/>
SUBSURFACE TEST RESULTS	Date: <input type="text"/>		Sites Sampled: <input type="text"/>	
	Depth	Max.	Min.	Average
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Quantity (CuYds) Estimated		Proven	
Remarks: <input type="text"/>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <input type="text"/>	Crush Count: <input type="text"/>								
	Other Tests: <input type="text"/>									
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200	LL	PI

Potential Conflicts	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

REFERENCE:	<input type="text"/>
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## YUKON GRAVEL INVENTORY

R.M. Area <u>Old Crow</u>		Borrow or Test Site No: <u>11</u>	
Location: <u>MP 199.0</u>	Highway No: <u>11</u>	Side <u>R</u> <input type="checkbox"/> <u>L</u> <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
Highway Name: <u>Dempster</u>		Access: <u>None</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Moderate Slope</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Bedrock - Sandstone</u>	Deposit: <input type="text"/>
	Past Use: <u>Borrow</u>	Date: <input type="text"/>
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>
	Remarks: <input type="text"/>	

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<input type="text"/>
<b>SUBSURFACE TEST RESULTS</b>	Date: <input type="text"/>		Sites Sampled: <input type="text"/>	
	Depth	Max.	Min.	Average
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Quantity (CuYds) Estimated		Proven	
	Remarks: <input type="text"/>			

<b>LAB. TEST RESULTS</b>		Los Angeles Abrasion % Loss: <input type="text"/>		Crush Count: <input type="text"/>						
Other Tests: <input type="text"/>										
<b>Grain Size Analysis</b>		<b>% Passing Sieve Size</b>								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

<b>Potential Conflicts</b>	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

<b>REFERENCE:</b>	<input type="text"/>
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# YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 12	
Location: MP 203.3	Highway No: 11	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: 0.05 mi
KP	Highway Name: Dempster	Access	Good
Tenure: Plan		Current Status: Inactive	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Moderate Slope	Tree Cover: Light Spruce	
SITE			
TYPE	Material: Bedrock - Sandstone	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	<input type="checkbox"/>	Pitted	<input type="checkbox"/>	Trenched	<input type="checkbox"/>	Not Indicated	<input type="checkbox"/>
	Lab. Test	<input type="checkbox"/>	Sketch (Plan)	<input type="checkbox"/>	Crushed:	<input type="checkbox"/>		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
•	Quantity (CuYds) Estimated				Proven			
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 13

Location: Highway No: 11 Side R ☐ L ☒ Distance: 0.1 mi  
 MP 207.3 KP Highway Name: Dempster Access None

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount: Cu.Yds.

Description: Gentle Slope

Tree Cover: Heavy Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use: Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐  
 Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE  
TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

R.M. Area: Old Crow Borrow or Test Site No: 14

Location: Highway No: 11 Side R ☐ L ☒ Distance: 0.1 mi  
MP 208 KP Highway Name: Dempster Access None

Tenure: Current Status: Inactive  
Plan Yes ☐ No ☐

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Heavy Spruce	
SITE	Material: Bedrock - Sandstone	Deposit:	
	Past Use: Borrow	Date:	
TYPE	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	<input type="checkbox"/>	Pitted	<input type="checkbox"/>	Trenched	<input type="checkbox"/>	Not Indicated	<input type="checkbox"/>
	Lab. Test	<input type="checkbox"/>	Sketch (Plan)	<input type="checkbox"/>	Crushed:	<input type="checkbox"/>		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

## YUKON GRAVEL INVENTORY

R.M. Area:	Old Crow	Borrow or Test Site No:	15			
Location:	Highway No:	11	Side	R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance:	0.2 mi
MP	208.8	KP	Highway Name:	Dempster	Access	Good
Tenure:	Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status:	Inactive		

STOCKPILE  
SITE  
TYPE  
HISTORY

Date:	Amount:	Cu.Yds.	
Description:	Moderate Slope	Tree Cover:	Scrub Spruce
Material:	Bedrock - Sandstone	Deposit:	
Past Use:	Borrow	Date:	
Performance Rating:	Amount Used:		
Remarks:			

## TEST SUMMARY

Augered	<input type="checkbox"/>	Pitted	<input type="checkbox"/>	Trenched	<input type="checkbox"/>	Not Indicated	<input type="checkbox"/>
Lab. Test	<input type="checkbox"/>	Sketch (Plan)	<input type="checkbox"/>	Crushed:	<input type="checkbox"/>		
Date:	Sites Sampled:						
Depth	Max.	Min.	Average				
Overburden							
Material							
Quantity (CuYds) Estimated	Proven						
Remarks:							

## LAB. TEST RESULTS

Los Angeles Abrasion % Loss:	Crush Count:
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Other Tests:

Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:
Land Use:

REFERENCE:

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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 16

Location:

Highway No: 11

Side R ☐ L ☒

Distance: 0.1 mi

MP 209.7

KP

Highway Name: Dempster

Access: Good

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount:

Cu.Yds.

Description: Moderate Slope

Tree Cover: Heavy Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use:

Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐Pitted ☐Trenched ☐Not Indicated ☐Lab. Test ☐Sketch (Plan) ☐Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity: (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.

Depth

1-1/2"

3/4"

3/8"

No. 4

No. 10

No. 40

No. 200

LL

PI

Potential

Environmental:

Conflicts

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 17

 Location: Highway No: 11 Side R ☐ L ☒ Distance: 0.05 mi  
 MP 209.8 KP Highway Name: Dempster Access: None

 Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Moderate Slope	Tree Cover: Moderate Spruce
	Material: Bedrock - Sandstone	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
SUBSURFACE TEST RESULTS	Material			
	Quantity: (CuYds) Estimated		Proven	
	Remarks:			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:										
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 18

Location:

Highway No: 11

Side R ☒ L ☐

Distance: 0.05 mi

MP 211.0

KP

Highway Name: Dempster

Access

None

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount:

Cu.Yds.

Description: Gentle Slope

Tree Cover: Mod. Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use:

Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐Pitted ☐Trenched ☐Not Indicated ☐Lab. Test ☐Sketch (Plan) ☐Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity:(CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.

Depth

1-1/2"

3/4"

3/8"

No. 4

No. 10

No. 40

No. 200

LL

PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:



## YUKON GRAVEL INVENTORY

R.M. Area: <u>Old Crow</u>		Borrow or Test Site No: <u>19</u>	
Location: <u>MP 212.5</u>	Highway No: <u>11</u>	Side <u>R</u> <input checked="" type="checkbox"/> <u>L</u> <input type="checkbox"/>	Distance: <u>0.1 mi</u>
KP <u>212.5</u>	Highway Name: <u>Dempster</u>	Access: <u>Poor</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Mod. Scrub Spruce</u>
	Material: <u>Bedrock - Sandstone</u>	Deposit: <input type="text"/>
	Past Use: <u>Borrow</u>	Date: <input type="text"/>
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>
Remarks: <input type="text"/>		

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	Date: <input type="text"/>		Sites Sampled: <input type="text"/>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
Remarks: <input type="text"/>				

<b>LAB. TEST RESULTS</b>		Los Angeles Abrasion % Loss: <input type="text"/>		Crush Count: <input type="text"/>						
Other Tests: <input type="text"/>										
<b>Grain Size Analysis</b>		<b>% Passing Sieve Size</b>								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

<b>Potential Conflicts</b>	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

<b>REFERENCE:</b>	<input type="text"/>
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 20	
Location: MP 215.2	Highway No: 11	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: 0.2 mi
KP	Highway Name: Dempster	Access: Good	
Tenure: Plan		Current Status: Inactive	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Moderate Slope	Tree Cover: Mod. Scrub Spruce
	Material: Fine Gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
Remarks:				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:										
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :	
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 21

Location: Highway No: 11 Side R ☐ L ☒ Distance: 0.2 mi  
 MP 217.7 KP Highway Name: Dempster Access Good

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE  
SITE  
TYPE  
HISTORY

Date:

Amount:

Cu.Yds.

Description: Moderate Slope

Tree Cover: Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use: Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE  
TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity: (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 22

 Location: Highway No: 11 Side R ☒ L ☐ Distance: 0.05 mi  
 MP 220.0 KP Highway Name: Dempster Access: None

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount:

Cu.Yds.

Description: Moderate Slope

Tree Cover: Heavy Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use: Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐Pitted ☐Trenched ☐Not Indicated ☐Lab. Test ☐Sketch (Plan) ☐Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: <u>Old Crow</u>		Borrow or Test Site No: <u>23</u>	
Location: <u>MP 221.0</u>	Highway No: <u>11</u>	Side <u>R</u> <input type="checkbox"/> <u>L</u> <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>      </u> Highway Name: <u>Dempster</u>		Access <u>None</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE SITE TYPE HISTORY	Date: <u>                    </u>	Amount: <u>                    </u> Cu.Yds.
	Description: <u>Moderate Slope</u>	Tree Cover: <u>Mod. Scrub Spruce</u>
	Material: <u>Bedrock - Shale</u>	Deposit: <u>                    </u>
	Past Use: <u>Borrow</u>	Date: <u>                    </u>
	Performance Rating: <u>                    </u>	Amount Used: <u>                    </u>
Remarks: <u>                    </u>		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date: <u>                    </u>		Sites Sampled: <u>                    </u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated <u>                    </u>		Proven <u>                    </u>	
	Remarks: <u>                    </u>			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>                    </u>	Crush Count: <u>                    </u>								
Other Tests: <u>                    </u>										
Grain Size Analysis		Σ Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200	LL	PI

Potential Conflicts	Environmental: <u>                    </u>
	Land Use: <u>                    </u>

REFERENCE: <u>                    </u>
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 24

Location:

Highway No: 11

Side R ☐ L ☒

Distance: Adjacent

MP 221.3

KP

Highway Name: Dempster

Access: None

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount:

Cu.Yds.

Description: Moderate Slope

Tree Cover: Mod. Scrub Spruce

Material: Bedrock - Shale

Deposit:

Past Use:

Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐Pitted ☐Trenched ☐Not Indicated ☐Lab. Test ☐Sketch (Plan) ☐Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity: (CuYds) Estimated

Proven

Remarks:

123. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Grain Size Analysis

% Passing Sieve Size

Hole No.

Depth

1-1/2"

3/4"

3/8"

No. 4

No. 10

No. 40

No. 200

LL

PI

Potential

Environmental:

Qualities

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 25	
Location: MP 226.6	Highway No: 11	Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: 0.05 mi
KP Highway Name: Dempster		Access: None	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: Inactive	

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: Moderate Slope	Tree Cover: Light Scrub Spruce
	Material: Bedrock - Siltstone, Shale	Deposit: <input type="text"/>
	Past Use: Borrow	Date: <input type="text"/>
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>
Remarks: <input type="text"/>		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<input type="text"/>
SUBSURFACE TEST RESULTS	Date: <input type="text"/>		Sites Sampled: <input type="text"/>	
	Depth	Max.	Min.	Average
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Quantity (CuYds) Estimated		Proven	
Remarks: <input type="text"/>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <input type="text"/>	Crush Count: <input type="text"/>
Other Tests: <input type="text"/>		
Grain Size Analysis		% Passing Sieve Size
Hole No.	Depth	1-1/2" 3/4" 3/8" No. 4 No. 10 No. 40 No. 200 LL PI

Potential Conflicts	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

REFERENCE:	<input type="text"/>
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 26	
Location: Highway No: 11	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: 0.05 mi	
MP 228.1	KP Highway Name: Dempster	Access Good	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: Active	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gentle Slope	Tree Cover: Light Scrub Spruce
	Material: Bedrock - Sandstone	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated	Proven		
Remarks:				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:										
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 27

Location: Highway No: 11 Side R ☒ L ☐ Distance: 0.05 mi  
 MP 229.0 KP Highway Name: Dempster Access: None

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE  
SITE  
TYPE  
HISTORY

Date: Amount: Cu.Yds.  
 Description: Moderate Slope Tree Cover: Moderate Spruce  
 Material: Bedrock - Sandstone Deposit:  
 Past Use: Borrow Date:  
 Performance Rating: Amount Used:  
 Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐  
 Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

Date: Sites Sampled:

SUBSURFACE  
TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200	LL	PI'

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: <b>Old Crow</b>		Borrow or Test Site No: <b>28</b>	
Location: <b>MP 229.3</b>	Highway No: <b>11</b>	Side <b>R</b> <input type="checkbox"/> <b>L</b> <input checked="" type="checkbox"/>	Distance: <b>0.05 mi</b>
KP <b>229.3</b> Highway Name: <b>Dempster</b>		Access: <b>None</b>	
Tenure: Plan <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		Current Status: <b>Inactive</b>	

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <b>Moderate Slope</b>	Tree Cover: <b>Heavy Scrub Spruce</b>
	Material: <b>Bedrock - Sandstone</b>	Deposit: <input type="text"/>
	Past Use: <b>Borrow</b>	Date: <input type="text"/>
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>
Remarks: <input type="text"/>		

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<input type="text"/>
<b>SUBSURFACE TEST RESULTS</b>	Date: <input type="text"/>		Sites Sampled: <input type="text"/>	
	Depth	Max.	Min.	Average
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Quantity (CuYds) Estimated		Proven	
Remarks: <input type="text"/>				

<b>LAB. TEST RESULTS</b>		Los Angeles Abrasion % Loss: <input type="text"/>		Crush Count: <input type="text"/>						
Other Tests: <input type="text"/>										
<b>Grain Size Analysis</b>		<b>% Passing Sieve Size</b>								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

<b>Potential Conflicts</b>	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

<b>REFERENCE:</b>	<input type="text"/>
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 29

 Location: Highway No: 11 Side ☒ R ☒ L Distance: Adjacent  
 MP 231.5 KP Highway Name: Dempster Access: Good

 Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

 STOCKPILE  
SITE  
TYPE  
HISTORY

 Date: Amount: Cu.Yds.  
 Description: Moderate Slope Tree Cover: Heavy Scrub Spruce  
 Material: Bedrock Deposit:  
 Past Use: Borrow Date:  
 Performance Rating: Amount Used:  
 Remarks:

TEST SUMMARY

 Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐  
 Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

Date: Sites Sampled:

SUBSURFACE  
TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity: (CuYds) Estimated Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 30	
Location: MP 232.2	Highway No: 11	Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: 0.05 mi
KP <input type="text"/>	Highway Name: Dempster	Access	None
Tenure: Plan		Current Status: Inactive	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

STOCKPILE	Date:	Amount:	Cu. Yds.
	Description: Moderate Slope	Tree Cover: Mod. Scrub Spruce	
SITE	Material: Sandstone	Deposit:	
TYPE	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	<input type="checkbox"/>	Pitted	<input type="checkbox"/>	Trenched	<input type="checkbox"/>	Not Indicated	<input type="checkbox"/>
	Lab. Test	<input type="checkbox"/>	Sketch (Plan)	<input type="checkbox"/>	Crushed:	<input type="checkbox"/>		
	Date:		Sites Sampled:					
SUBSURFACE TEST RESULTS	Depth	Max.	Min.	Average				
	Overburden							
	Material							
Quantity: (CuYds)		Estimated			Proven			
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow

Borrow or Test Site No: 31

Location: Highway No: 11 Side R ☒ L ☐ Distance: 0.05 mi  
 KP 233 KP Highway Name: Dempster Access: None

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE  
SITE  
TYPE  
HISTORY

Date:

Amount:

Cu.Yds.

Description: Moderate Slope

Tree Cover: Scrub Spruce

Material: Bedrock - Sandstone

Deposit:

Past Use: Borrow

Date:

Performance Rating:

Amount Used:

Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐

Date:

Sites Sampled:

SUBSURFACE  
TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity: (CuYds) Estimated

Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:

Crush Count:

Other Tests:

Grain Size Analysis

% Passing Sieve Size

Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

Potential  
Conflicts

Environmental:

Land Use:

REFERENCE:

## YUKON GRAVEL INVENTORY

R.H. Area: <u>Old Crow</u>		Borrow or Test Site No: <u>32</u>	
Location: <u>MP 233.6</u>	Highway No: <u>11</u>	Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	Distance: <u>Adjacent</u>
KP <u>        </u>	Highway Name: <u>Dempster</u>	Access: <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes <input type="checkbox"/> No <input type="checkbox"/>			

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>                    </u>	Amount: <u>                    </u> Cu.Yds.
	Description: <u>Moderate Slope</u>	Tree Cover: <u>Scrub Spruce</u>
	Material: <u>Bedrock - Shale</u>	Deposit: <u>                    </u>
	Past Use: <u>Borrow</u>	Date: <u>                    </u>
	Performance Rating: <u>                    </u>	Amount Used: <u>                    </u>
	Remarks: <u>                    </u>	

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
	Date: <u>                    </u> Sites Sampled: <u>                    </u>			
<b>SUBSURFACE TEST RESULTS</b>	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated <u>                    </u> Proven <u>                    </u>			
Remarks: <u>                    </u>				

<b>LAB. TEST RESULTS</b>		Los Angeles Abrasion % Loss: <u>                    </u>		Crush Count: <u>                    </u>						
Other Tests: <u>                    </u>										
<b>Grain Size Analysis</b>		<b>% Passing Sieve Size</b>								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

<b>Potential Conflicts</b>	Environmental: <u>                    </u>
	Land Use: <u>                    </u>

<b>REFERENCE:</b>	
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## YUKON GRAVEL INVENTORY

R.M. Area: Old Crow		Borrow or Test Site No: 33	
Location:	Highway No: 11	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: 0.01 mi
MP 236.2	KP	Highway Name: Dempster	Access: Good
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: Inactive	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Moderate Slope	Tree Cover: Mod. Scrub Spruce
	Material: Redrock - Shale	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
	Remarks:			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:										
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

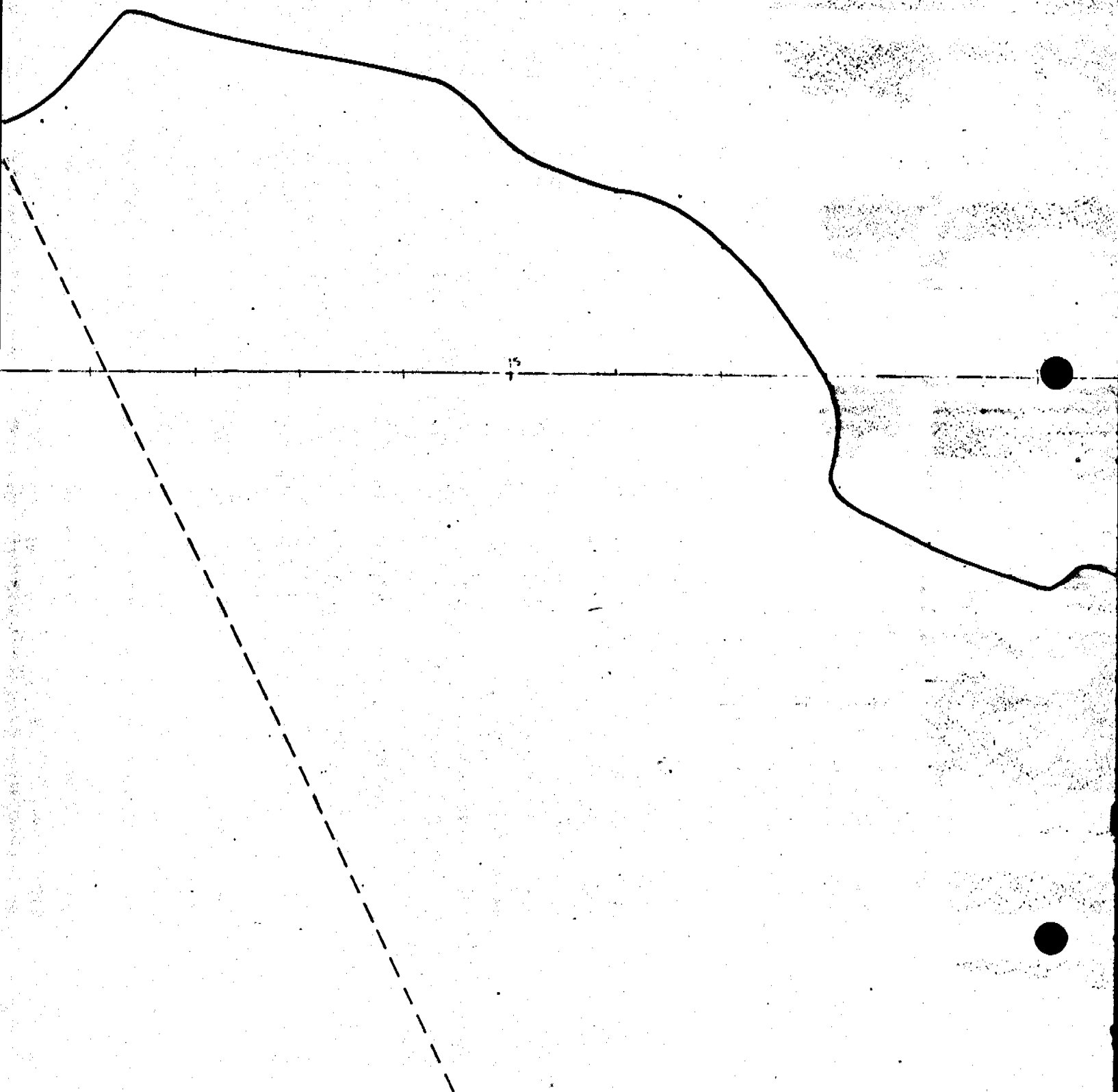
Potential Conflicts	Environmental:
	Land Use:

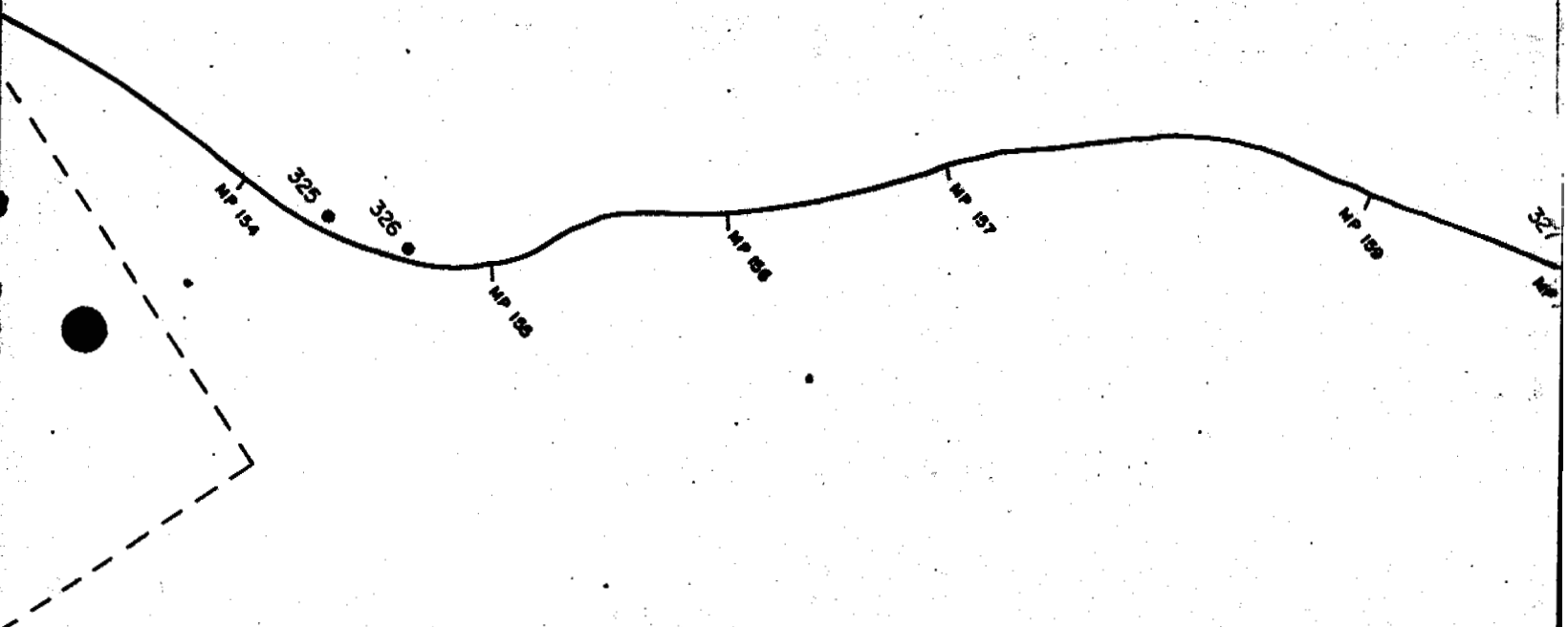
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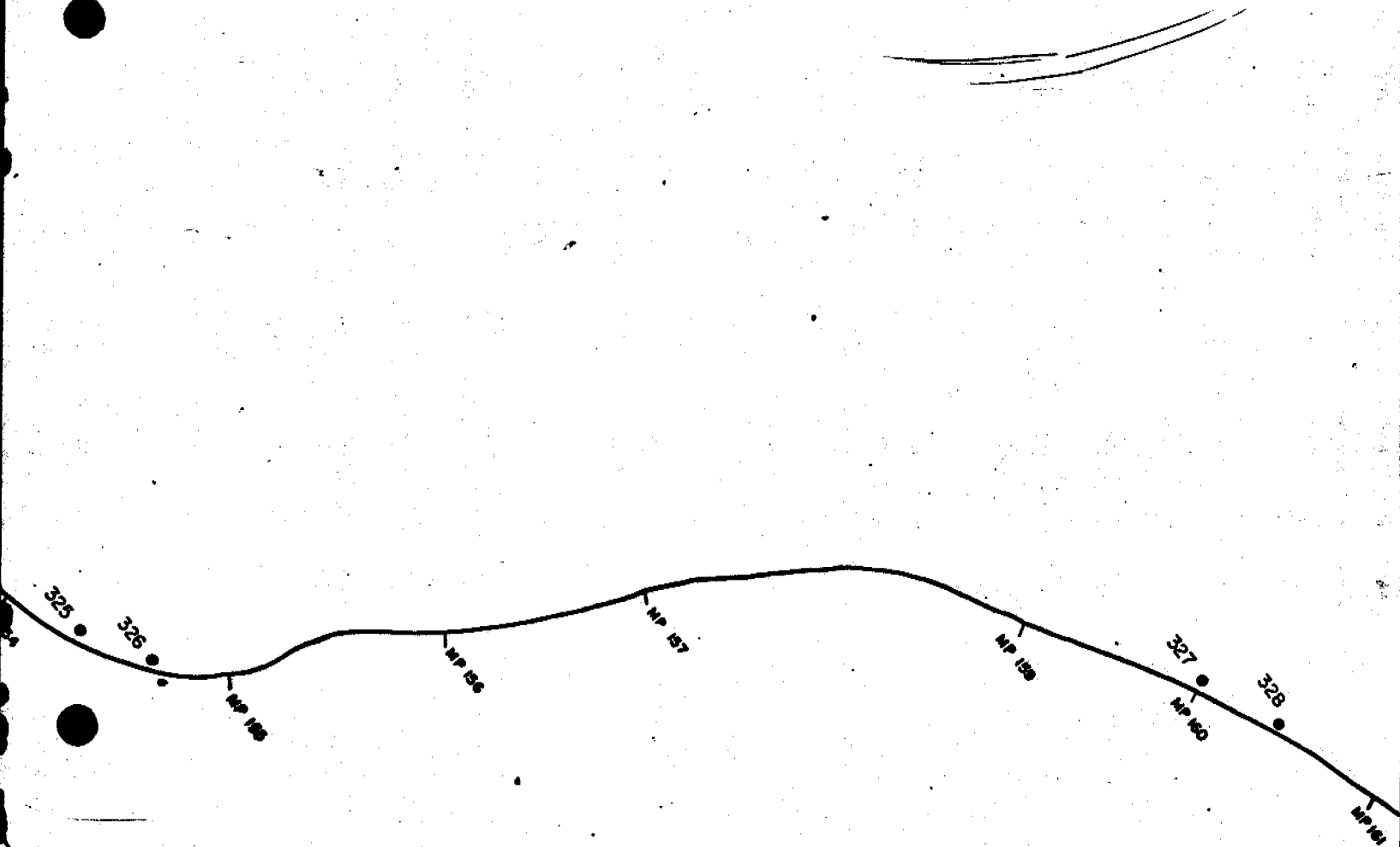
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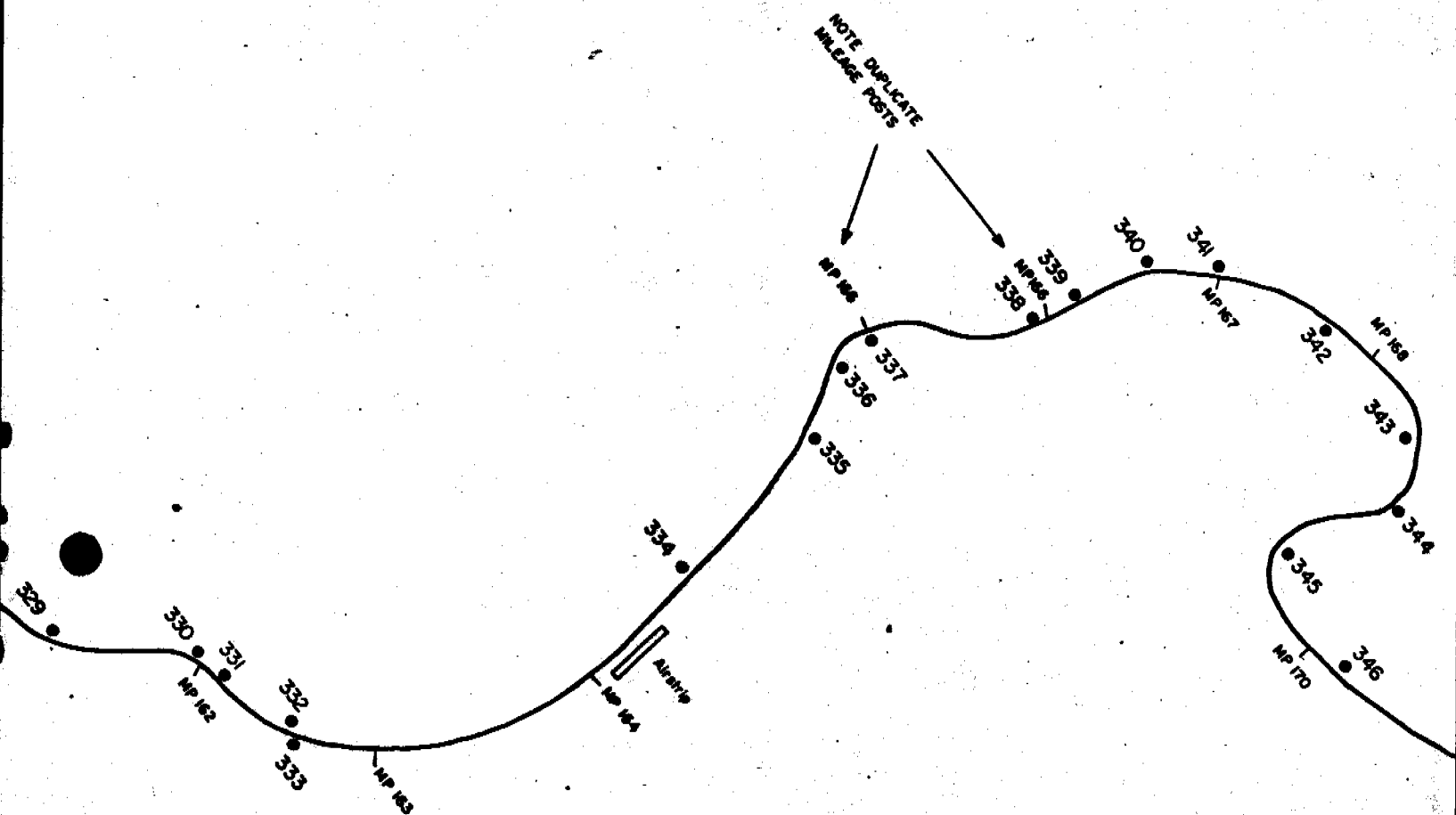
to 236.5

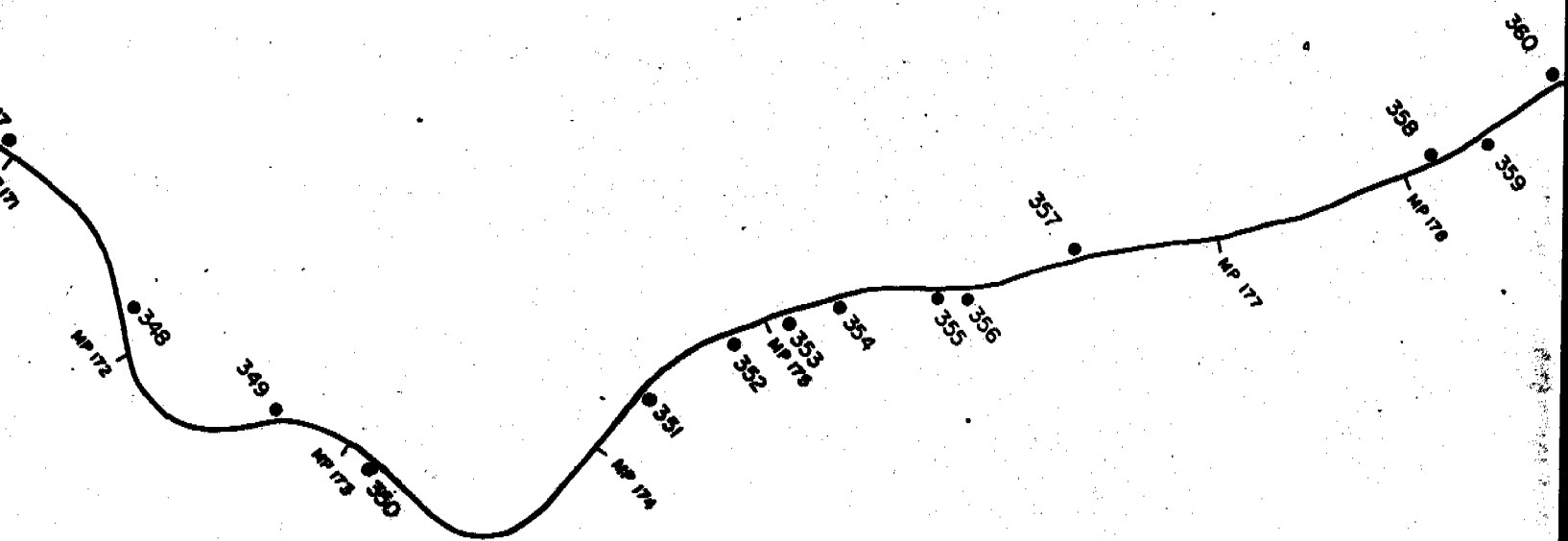




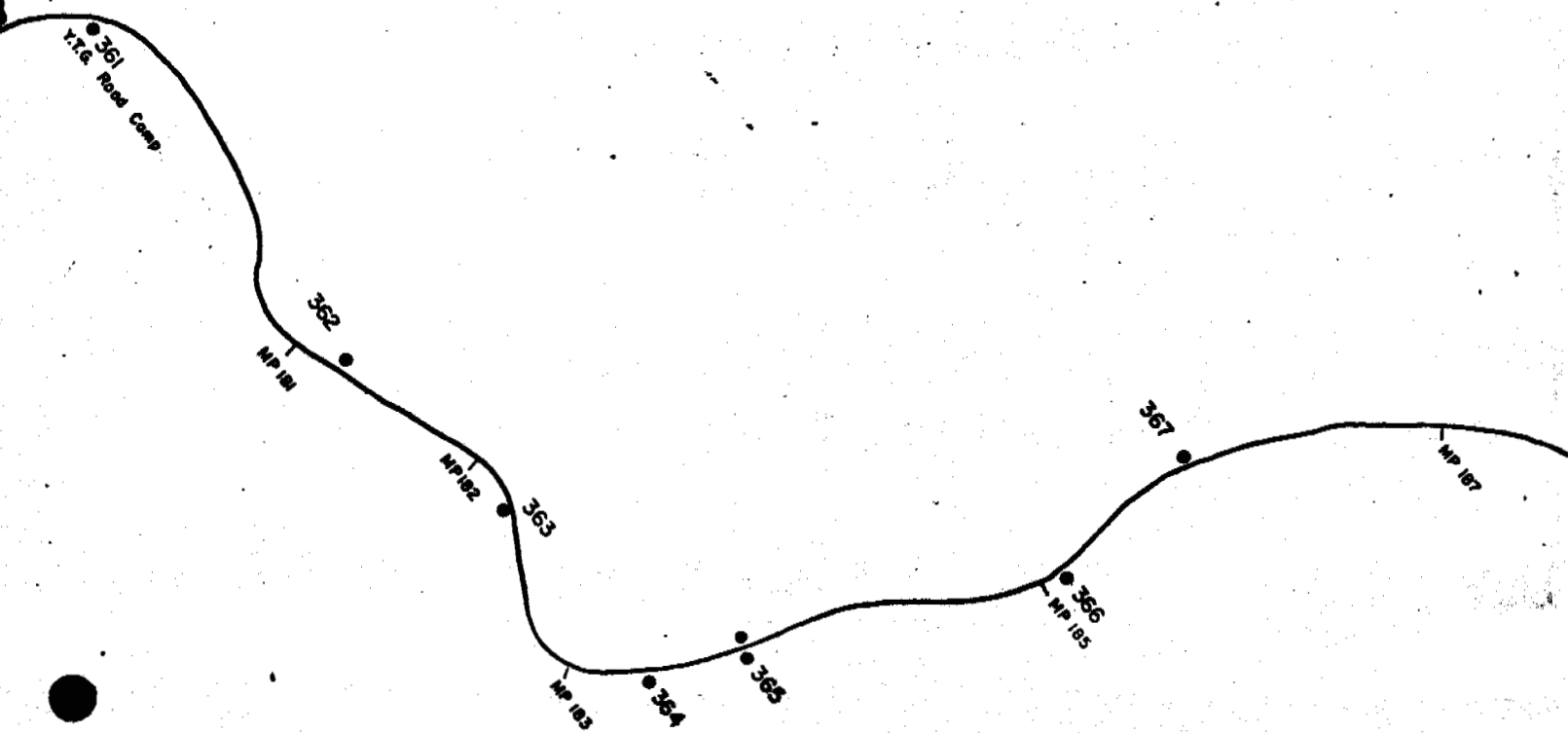


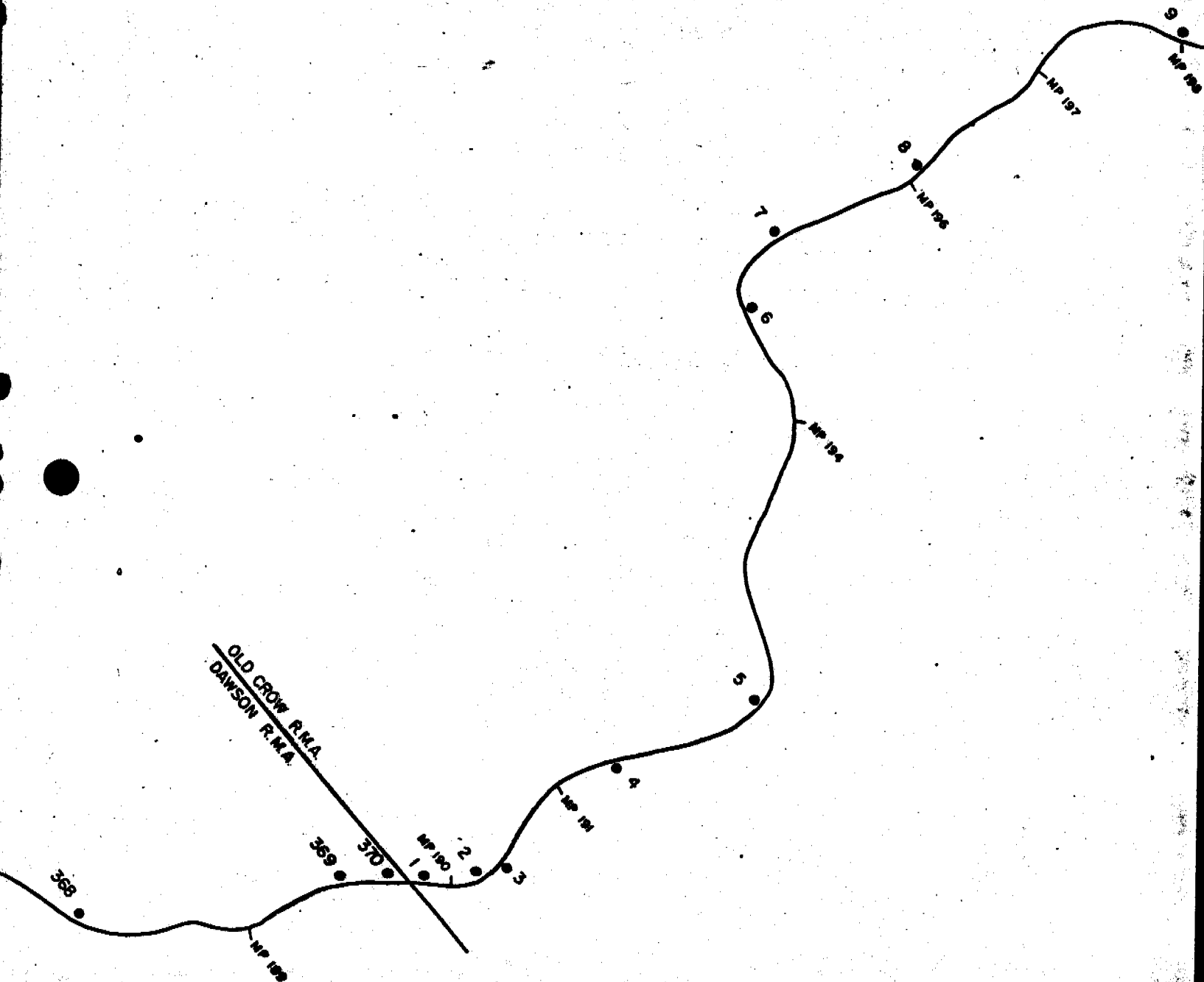












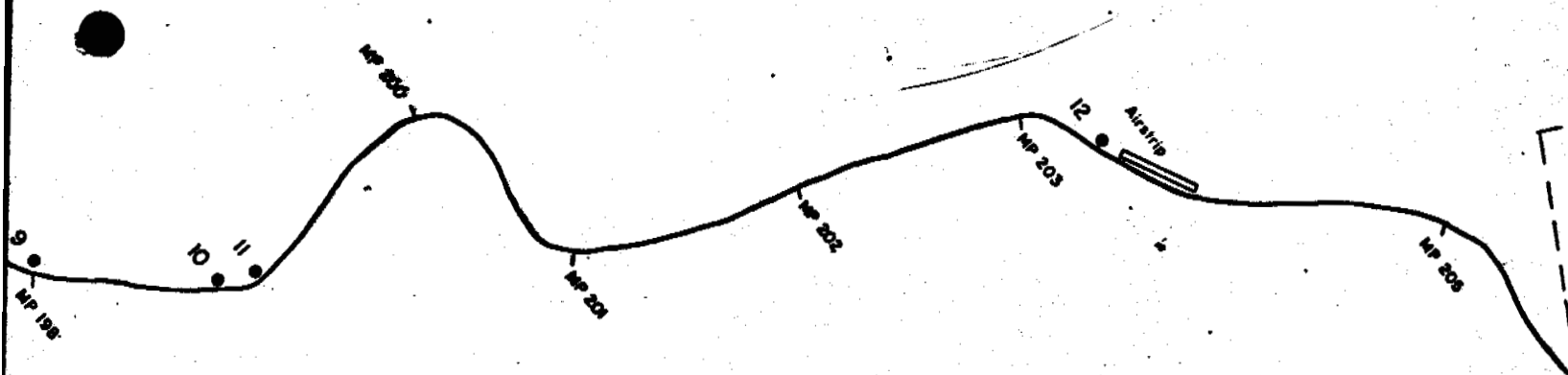
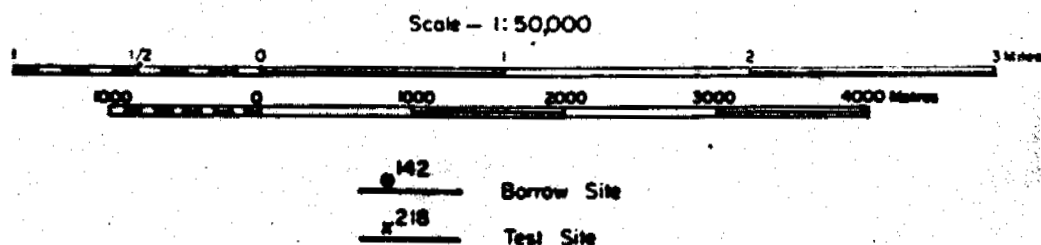


FIG. 50

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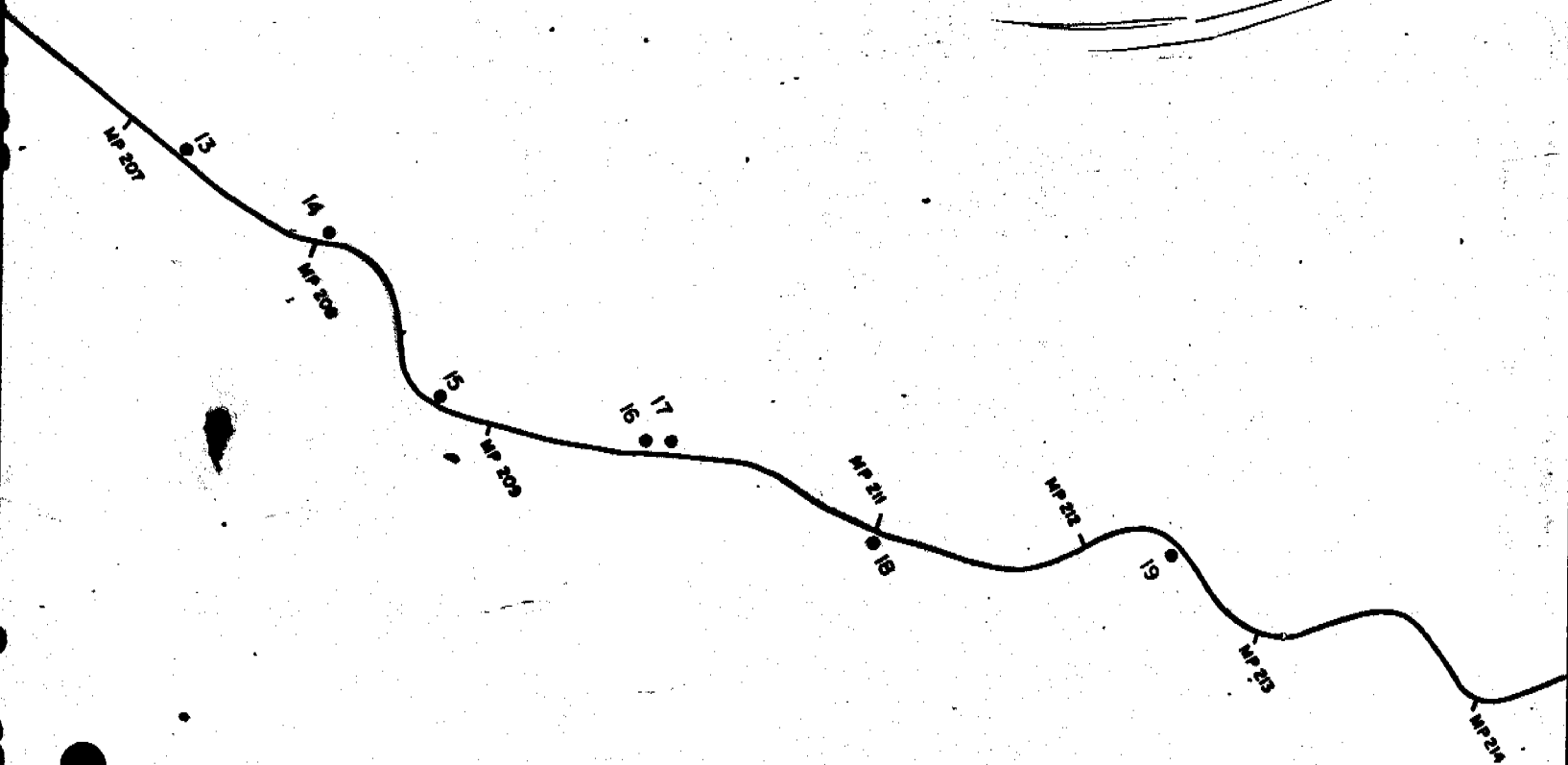
# YUKON GRAVEL INVENTORY

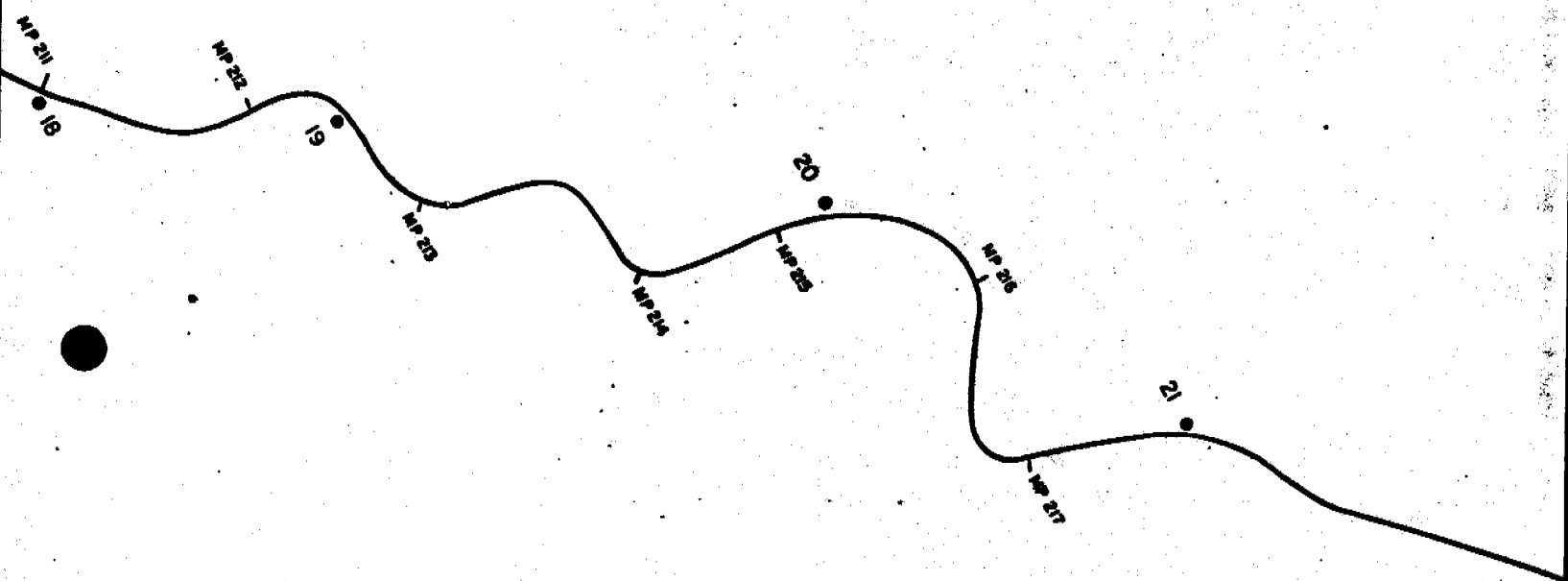
DEMPSTER HIGHWAY MP 152.5 to 206.0

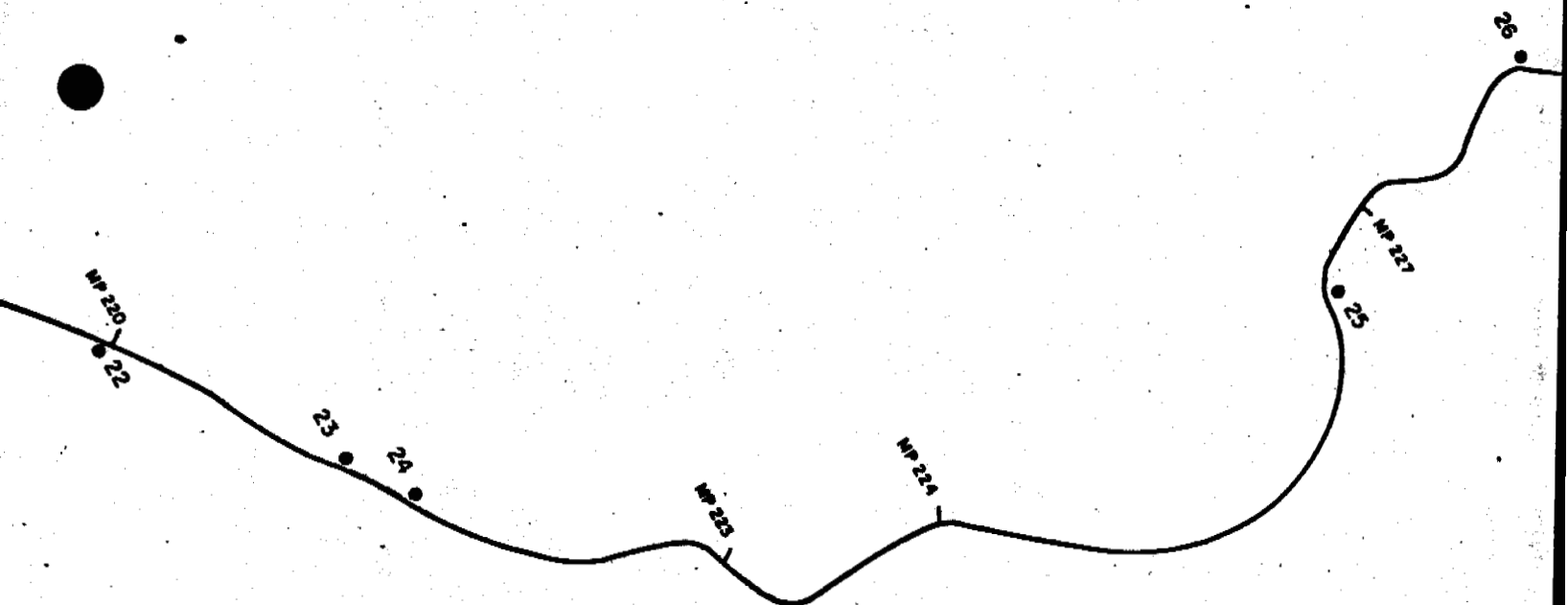


NOTE: MAP IS ENLARGEMENT OF 1:250,000

JUNE, 1977







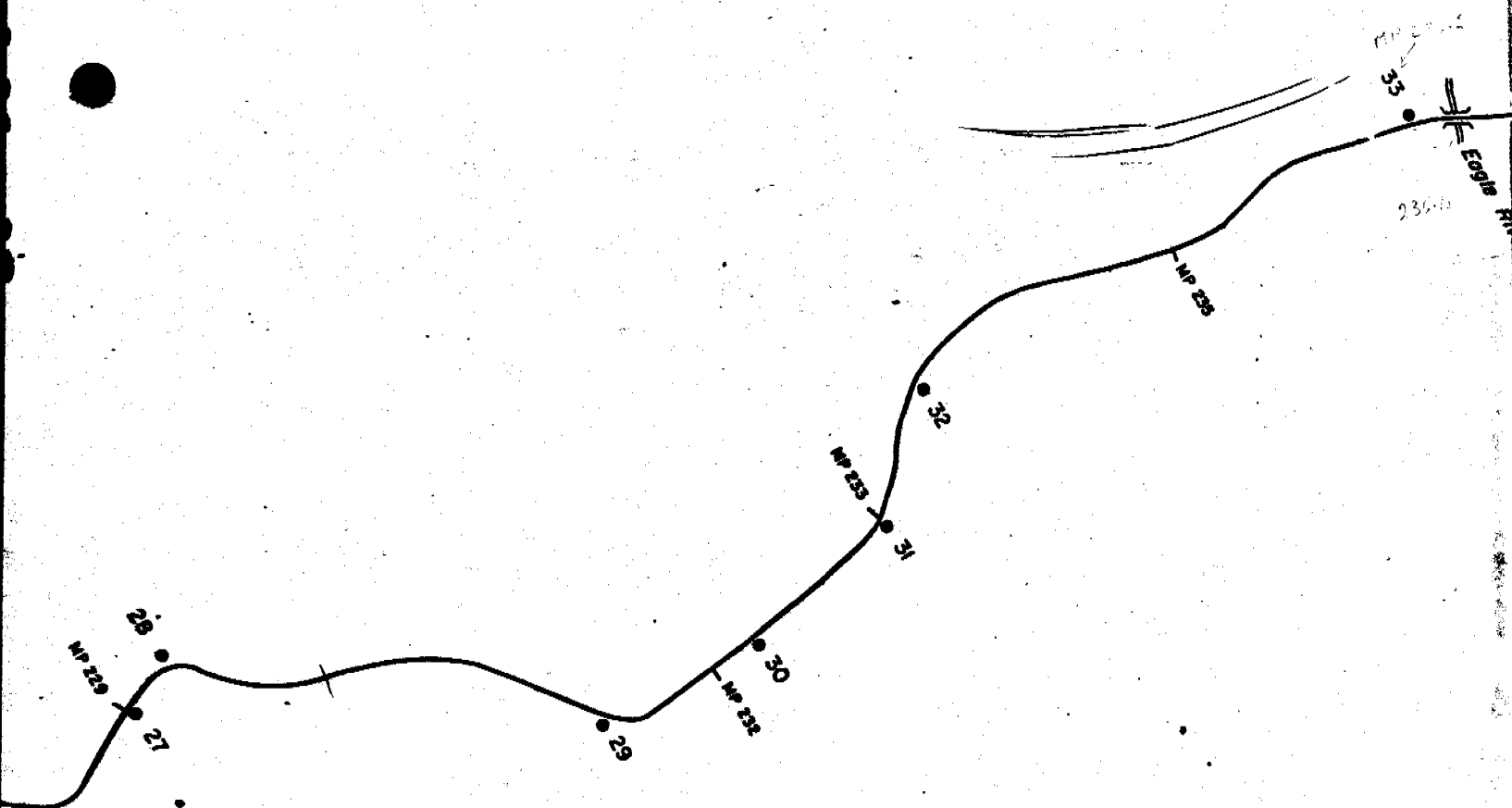


FIG. 51



ARCHER, CATHRO & ASSOCIATES LTD

YUKON GRAVEL INVENTOR

DEMPSTER HIGHWAY MP 206.0 to

Scale - 1:50,000



 Borrow Site  
 Test Site

NOTE: MAP IS ENLARGEMENT OF 1:250,000