

INVENTORY OF EXISTING GRAVEL PITS ALONG MAJOR HWYS. &  
COMMUNITIES IN THE YUKON - KLUJANE HWY. YT

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)

R.M. Area: Kluane Borrow or Test Site No: 65

Location: Highway No: 1 Side  R  L Distance: 0.2 mi  
 MP 1022.2 KP          Highway Name: Alaska Access Excellent

(B)

Tenure: Gravel Pit Reserve Appl          Current Status: Active  
 Plan Yes  No

(C)

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:         

(D)

TEST SUMMARY

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

(E)

SUBSURFACE TEST RESULTS

Date: July/69 Sites Sampled: 4 Pits

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

Quantity: (CuYds) Estimated          Proven           
 Remarks: Some calcite coating gravel.

(F)

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

(G)

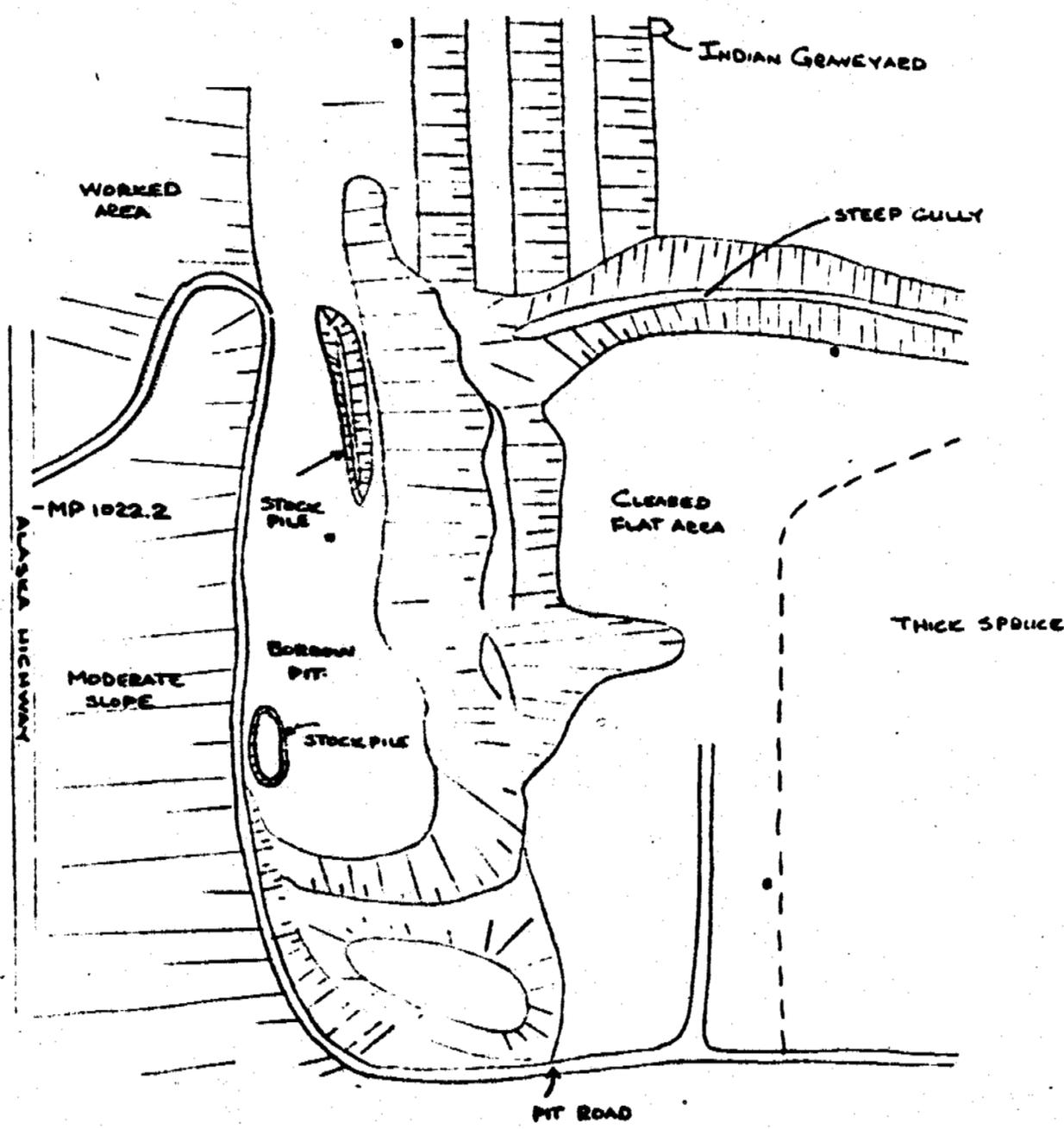
Potential Conflicts

Environmental: Indian Grave, Scenic Viewpoint  
 Land Use:         

(H)

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 metrication 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

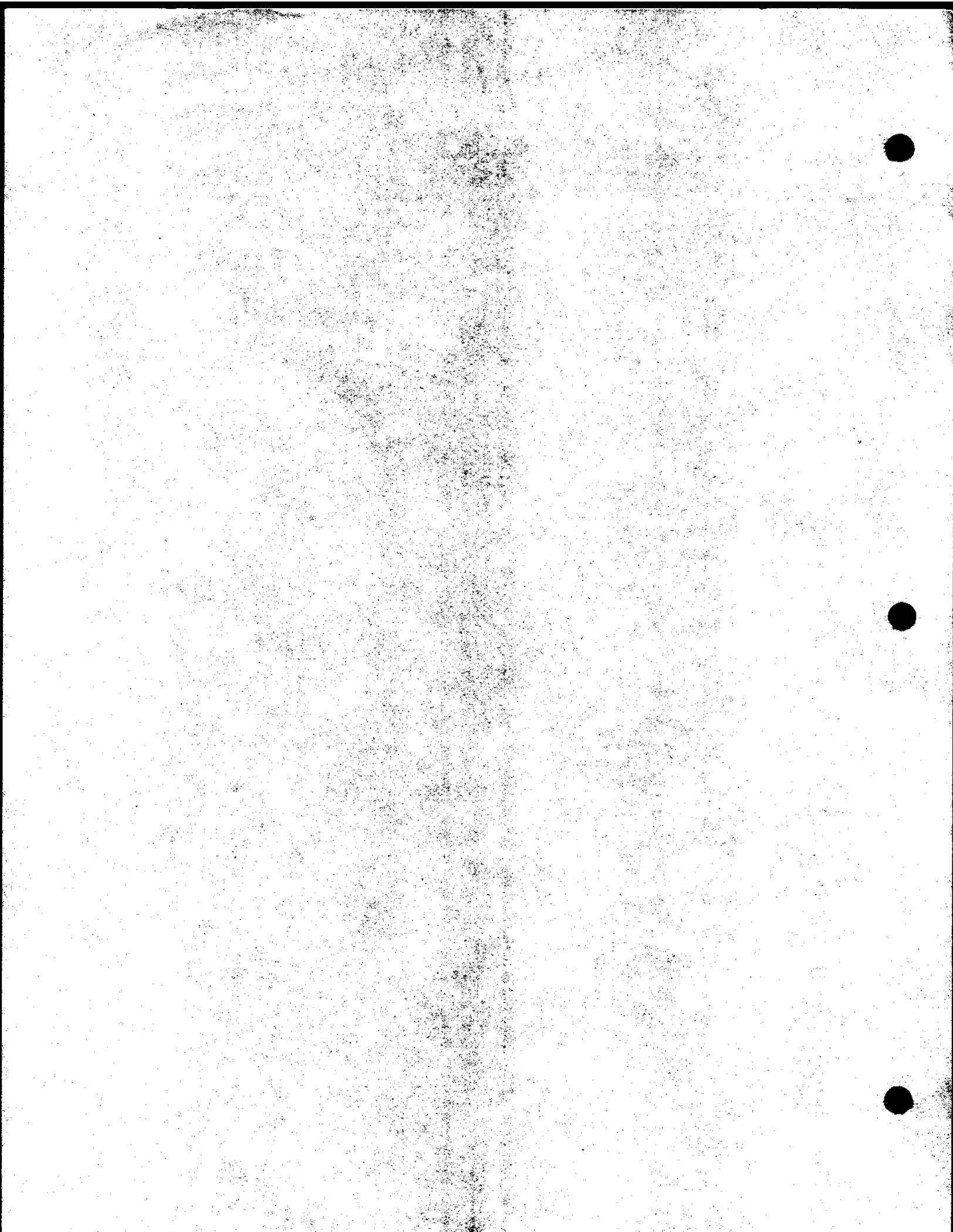
This 8½" x 11" file has plans of gravel pit reserves. A legal description of reserve is sometimes attached to the plan.

(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 Canal Roads.



**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 1

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 976.7 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Mod. Poplar, Spruce

Material: Sand 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:     

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: Kluane Borrow or Test Site No: 2

Location: Highway No: 1 Side R  L  Distance: 0.1 mi  
 MP 977.1 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Mod. Poplar, Spruce

Material: Gravel 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>Fluane</u>		Borrow or Test Site No: <u>3</u>	
Location: MP <u>977.1</u>	Highway No: <u>1</u>	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>    </u>	Highway Name: <u>Alaska</u>	Access <u>    </u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>Flat - Gently Rolling</u>	Tree Cover: <u>    </u>
	Material: <u>Sand</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"/>	<u>    </u>
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>    </u>	Sites Sampled: <u>    </u>		
	Depth	Max.	Min.	Average
	Overburden	<u>    </u>	<u>    </u>	<u>    </u>
	Material	<u>    </u>	<u>    </u>	<u>    </u>
	Quantity (CuYds) Estimated	Proven		
Remarks: <u>    </u>				

<b>LAB. TEST RESULTS</b>	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>
Other Tests:	<u>    </u>	

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

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

<b>REFERENCE:</b>	<u>    </u>
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**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 4

Location: Highway No: 1 Side R  L  Distance: 0.1  
 MP 977.2 KP  Highway Name: Alaska Access: Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Mod. Spruce, Poplar

Material: Gravel 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: Kluane Borrow or Test Site No: 5

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 978.1 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:  Amount:  Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Mod. Spruce

Material: Sand 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>Kluane</u>	Borrow or Test Site No: <u>148</u>
Location: Highway No: <u>1</u> Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>.2 mi</u>
MP <u>1085.5</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access <u>Good</u>
Tenure: Gravel Pit Reserve Appl. Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Current Status: <u>Inactive</u>	

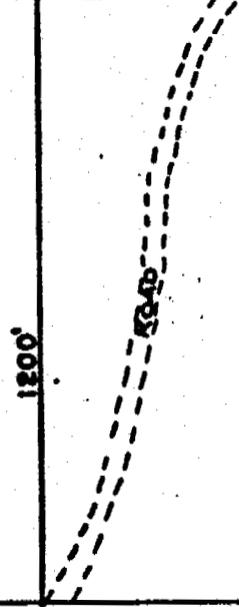
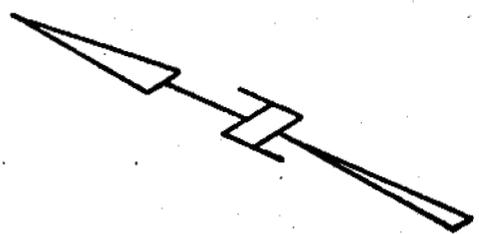
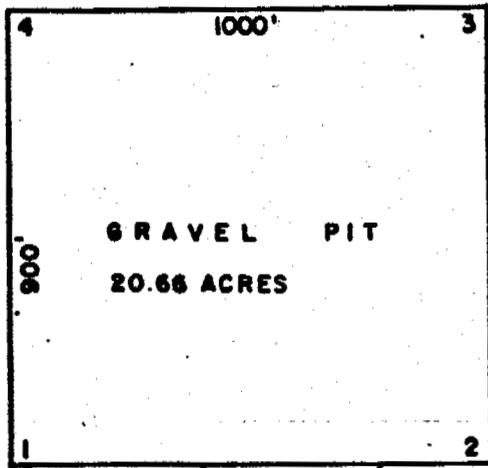
<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>                    </u>	Amount: <u>                    </u> Cu.Yds.
	Description: <u>Gently Sloping Sidehill</u>	Tree Cover: <u>Thick Spruce</u>
	Material: <u>Clay, Silt</u>	Deposit: <u>                    </u>
	Past Use: <u>Borrow</u>	Date: <u>                    </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"/>	
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>                    </u>	Sites Sampled: <u>                    </u>		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated	Proven		
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>	<u>                    </u>
	<u>DPW Legal File Federal Lands Office</u>



H 2148

337° 07' 55"

2624.57' TO H 2147

1085.5



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
**GRAVEL PIT RESERVE**  
 scale  
 échelle: 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 1085.5**

designed by conçu par	date MAY 1972
drawn by dessiné par	
reviewed by examiné par	
approved by approuvé par	
project no no du projet	dwg no dessin no

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 6

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 978.5 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle Slope Tree Cover: Heavy Spruce

Material: Sand, Clay 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>Kluane</u>		Borrow or Test Site No: <u>7</u>	
Location: MP <u>979.3</u>	Highway No: <u>1</u>	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <input type="checkbox"/>	Highway Name: <u>Alaska</u>	Access: <u>Poor</u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Thick Spruce</u>
	Material: <u>Silty Sand</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"/>	<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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<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: Kluane Borrow or Test Site No: 8

Location: Highway No: 1 Side  R  L Distance: 0.05 mi  
 MP 980.2 KP      Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Thick Spruce, Popl

Material: Clay 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>Kluane</u>	Borrow or Test Site No: <u>9</u>
Location: Highway No: <u>1</u> Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>0.05 mi</u>
MP <u>980.3</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>none</u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/> Cu. Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Thick Spruce, Popl</u>
	Material: <u>Silt, Clay</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"/>												
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Depth</th> <th style="width:20%;">Max.</th> <th style="width:20%;">Min.</th> <th style="width:30%;">Average</th> </tr> </thead> <tbody> <tr> <td>Overburden</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Material</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table>	Depth	Max.	Min.	Average	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>	Material	<input type="text"/>	<input type="text"/>	<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 <input type="text"/> Proven <input type="text"/>													
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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<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: Kluane Borrow or Test Site No: 10

Location: Highway No: 1 Side R  L  Distance: 0.05 mi  
 MP 980.6 KP      Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Thick Spruce, Popl

Material: Silt 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

Hole No.	Depth	% Passing Sieve Size								
		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: Kluane Borrow or Test Site No: 11

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 980.8 KP  Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Mod. Spruce, Popla

Material: Clay 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: Kluane Borrow or Test Site No: 12

Location: Highway No:      Side R  L  Distance: 0.05 mi  
 MP 981.2 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Mod. Poplar, Spruce

Material: Clay 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: Kluane Borrow or Test Site No: 13

Location: Highway No: 1 Side R  L  Distance: 0.05 mi  
 MP 981.5 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Mod. Poplar, Spruce

Material: Clay Deposit:     

Past Use: Borrow - Reconstruction 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**

<b>R.M. Area:</b>	Kluane	<b>Borrow or Test Site No:</b>	14
<b>Location:</b>	<b>Highway No:</b> 1	<b>Side</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> Adjacent
MP 982.0	KP <input type="checkbox"/>	<b>Highway Name:</b> Alaska	<b>Access:</b> Good
<b>Tenure:</b> Gravel Pit Reserve Appl. Plan		<b>Current Status:</b> Inactive	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/> Cu.Yds.
	<b>Description:</b> Flat - Gently Rolling	<b>Tree Cover:</b> Mod. Spruce, Poplar
	<b>Material:</b> Gravel	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
	<b>Remarks:</b> <input type="text"/>	

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

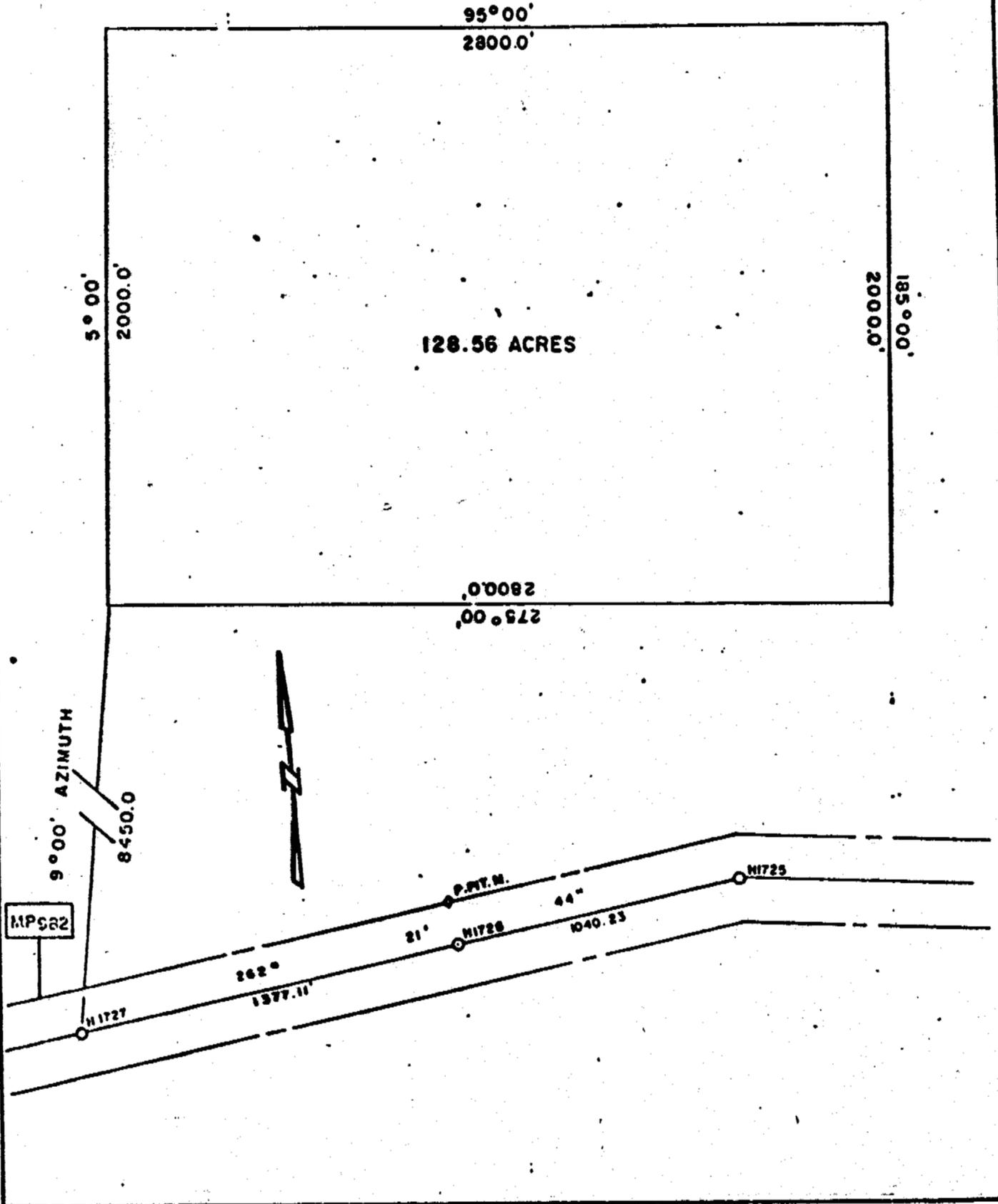
<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> <input type="text"/>	<b>Crush Count:</b> <input type="text"/>
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<b>Other Tests:</b>	<input type="text"/>
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Grain Size Analysis		% Passing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

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

<b>REFERENCE:</b>	DPW Legal File Federal Lands Office
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DEPARTMENT OF PUBLIC WORKS CONSTRUCTION & ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT	Drawing title: Titre du dessin: <b>GRAVEL PIT RESERVE</b>		designed by conçu par	date
	scale: échelle: 1" = 300'		drawn by dessiné par: N.L.	14/4/72
	<b>R.H.S.</b>		reviewed by examiné par	
	<b>ALASKA HIGHWAY</b> <b>M.P. 982</b>		approved by approuvé par	
		project no. no. du projet: T.S. 72-77	drawing no. dessin no.: 22-92	

**YUKON GRAVEL INVENTORY**

R.H. Area: Rluane Borrow or Test Site No: 15

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 982.2 KP      Highway Name: Alaska Access: Poor

Tenure: Gravel Pit Reserve Appl. Current Status: Inactive  
 Plan Yes  No

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu. Yds.

Description: Flat Tree Cover: Light Poplar

Material: Clay 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:     

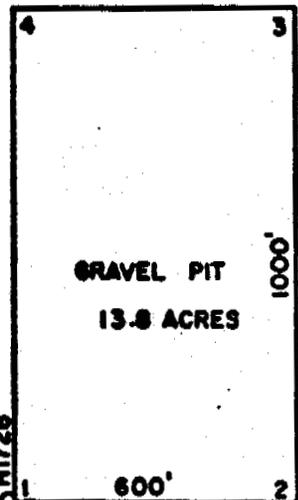
Land Use:     

REFERENCE:

DPW Legal File  
Federal Lands Office



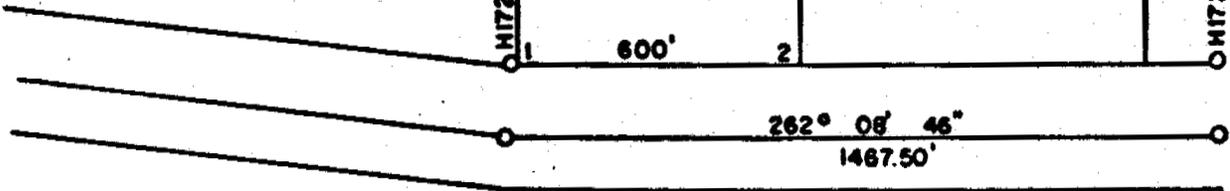
W.H. DISTRICT



M.P. 982

M1726

M1727



DEPARTMENT OF PUBLIC WORKS  
CONSTRUCTION & ENGINEERING  
PACIFIC REGION  
WHITEHORSE DISTRICT

Drawing title  
Titre du dessin:  
**GRAVEL PIT RESERVE**

scale:  
échelle: 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 982**

designed by conçu par	date MAY 1972
drawn by dessiné par	
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg no. dessin no.

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 982**

Commencing at Legal Survey Monument H-1728, as Post #1; thence on a true bearing of 82 degrees 09 minutes for a distance of 600 feet to post #2; thence on a true bearing of 352 degrees 09 minutes for a distance of 1000 feet to post #3; thence on a true bearing of 262 degrees 09 minutes for a distance of 600 feet to post #4; thence on a true bearing of 172 degrees 09 minutes for a distance of 1000 feet to post #1 point of commencement.

**NOTE:**

Lines cut and surveyed

June 1954

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 16

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 983.2 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Light Poplar, Spruce

Material: Clay 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: Kluane Borrow or Test Site No: 17

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 983.3 KP  Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:  Amount:  Cu. Yds

Description: Flat - Gently Rolling Tree Cover: Light Poplar, Spruce

Material: Clay, Silt Deposit:

Past Use: Borrow - Reconstruction 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**

Hole No.	Depth	Z Passing Sieve Size								
		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: Kluane Borrow or Test Site No: 18

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 983.9 KP      Highway Name: Alaska Access: Fair

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Yds.

Description: Sidehill Tree Cover: Heavy Spruce, Popl

Material: Clay 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**

<b>R.H. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 19
<b>Location:</b> Highway No: 1 Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> 0.05
MP 984.5 KP <input type="checkbox"/> Highway Name: Alaska	<b>Access:</b> Fair
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/> Cu.Yds.
	<b>Description:</b> Flat	<b>Tree Cover:</b> Thick Spruce
	<b>Material:</b> Clay	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
<b>Remarks:</b> <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>Date:</b> <input type="text"/>	<b>Sites Sampled:</b> <input type="text"/>		
	<b>DEPTH</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
Material	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Quantity (CuYds) Estimated</b>		<b>Proven</b>		
<b>Remarks:</b> <input type="text"/>				

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

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

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

R.M. Area: Kluane Borrow or Test Site No: 20

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 984.8 KP      Highway Name: Alaska Access Good

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle Sidehill Tree Cover: Mod. Poplar, Spruce

Material: Clay Deposit:     

Past Use: Borrow - Reconstruction 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**

<b>R.H. Area:</b>	Kluane	<b>Borrow or Test Site No:</b>	21
<b>Location:</b>	Highway No: <input type="text" value="1"/>	Side: R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <input type="text" value="0.5 mi"/>
MP <input type="text" value="985.0"/>	KP <input type="text"/>	Highway Name: <input type="text" value="Alaska"/>	Access: <input type="text" value="Excellent"/>
<b>Tenure:</b> Gravel Pit Reserve Appl. Plan		Current Status: Active - Crusher on Site.	
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text" value="May/77"/>	Crush	Amount: <input text"="" type="text" value="Mod.-Steep Sidehill"/>	Tree Cover: <input type="text" value="Mod. Poplar"/>	
	Material: <input type="text" value="Gravel"/>	Deposit: <input type="text"/>			
	Past Use: <input type="text" value="Borrow - Surfacing"/>	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 checked="" type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	Date: <input type="text" value="1972"/>		Sites Sampled: <input type="text" value="17 Sites"/>	
	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"/>
<b>Other Tests:</b>	<input type="text"/>	

Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 30	No. 200	LL	PI
		100	92	74	66	57	47	21	18.4	3.9
		100	92	74	63	56	46	28	16.5	--
424		100	96	76	65	58	54	39		
		100	74	74	63	58	41	26		

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

<b>REFERENCE:</b>	DPW Materials Inventory; Alaska Highway Technical Data; DPW Legal File; Federal Lands Office
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R.M. Area: Kluane Borrow or Test Site No: 21

Location: Highway No: 1 Side  R  L Distance:             
 MP 985.0 KP            Highway Name: Alaska Access           

Tenure: Plan Yes  No  Current Status:           

STOCKPILE SITE TYPE HISTORY

Date:            Amount:            Cu.Yds

Description:            Tree Cover:           

Material:            Deposit:           

Past Use:            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: Petrographic Analysis - Hole 5 --- Limestone - 35%; Granitic - 5%; Shale - 30%; Quartzite - 20%; 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
Pitrum-12 sites	Clay				87	85	81	68	26	8
Pitrum-5 sites	Gravel	80	80	68	56	48	32	17		
Av. 10 holes	3/4" Crush	100	98	78	64	54	42	29	10	3

Potential Conflicts

Environmental:           

Land Use:           

REFERENCE:

H1734

H1735

H1736

M.P.985

4000

GRAVEL PIT  
219.2 ACRES



2400'



DEPARTMENT OF PUBLIC WORKS  
CONSTRUCTION & ENGINEERING  
PACIFIC REGION  
WHITEHORSE DISTRICT

Drawing title  
Titre du dessin

GRAVEL PIT RESERVE

scale  
échelle 1" = 400'

ALASKA HIGHWAY  
M.P. 985.0

designed by  
conçu par

date  
MAY 1972

drawn by  
dessiné par

reviewed by  
examiné par

approved by  
approuvé par

project no.  
no. du projet

dwg no.  
dessin no.

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 985.0**

Commencing at Legal Survey Monument H-1734, as post #1; thence on a true bearing of 269 degrees 41 minutes for a distance of 2400 feet to post #2; thence on a true bearing of 359 degrees 41 minutes for a distance of 4000 feet to post #3; thence on a true bearing of 89 degrees 41 minutes for a distance of 2400 feet to post #4; thence on a true bearing of 179 degrees 41 minutes for a distance of 4000 feet to post #1 point of commencement.

**NOTE:**

Lines cut and surveyed

June 1954.

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 22

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 985.2 KP      Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gently Rolling Tree Cover: Mod. Spruce, Poplar

Material: Clay 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: Kluane Borrow or Test Site No: 23

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 KP 986.2 KP      Highway Name: Alaska Access: Good

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE** Date:      Amount:      Cu.Yds.

**SITE** Description: Flat Tree Cover: Heavy Spruce

**TYPE** Material: Clay Deposit:     

**HISTORY** Past Use: Borrow - Reconstruction Date:       
 Performance Rating:      Amount Used:       
 Remarks:     

**TEST SUMMARY**

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

Date:      Sites Sampled:     

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated      Proven     

Remarks:     

**LAB. TEST RESULTS** Los Angeles Abrasion % Loss:      Crush Count:     

Date:     

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: Kluane Borrow or Test Site No: 24

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 986.4 KP      Highway Name: Alaska Access None

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu. Yds.

Description: Gentle Slope Tree Cover: Thick Spruce

Material: Clay 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:     

Hole No.	Depth	Z Passing Sieve Size								
		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**

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 25
<b>Location:</b> Highway No: 1 MP 987.4 KP <input type="checkbox"/> Highway Name: Alaska	<b>Side:</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/> <b>Distance:</b> Adjacent <b>Access:</b> Fair
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/> Cu.Yds.
	<b>Description:</b> Flat	<b>Tree Cover:</b> Heavy Spruce, Poplar
	<b>Material:</b> Clay	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
<b>Remarks:</b> <input type="text"/>		

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

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> <input type="text"/>	<b>Crush Count:</b> <input type="text"/>
<b>Other Tests:</b>	<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

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

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

<b>R.H. Area..</b>	Kluane	<b>Borrow or Test Site No:</b>	26
<b>Location:</b>	<b>Highway No:</b> 1	<b>Side</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> Adjacent
MP 988.2	KP	<b>Highway Name:</b> Alaska	<b>Access:</b> Good
<b>Tenure:</b>	Plan	<b>Current Status:</b>	Inactive
	Yes <input type="checkbox"/> No <input type="checkbox"/>		

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b>	<b>Amount:</b>	<b>Cu.Yds.</b>
	<b>Description:</b> Flat	<b>Tree Cover:</b> Heavy Spruce	
	<b>Material:</b> Clay, Silt	<b>Deposit:</b>	
	<b>Past Use:</b> Borrow	<b>Date:</b>	
	<b>Performance Rating:</b>	<b>Amount Used:</b>	
	<b>Remarks:</b>		

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

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

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

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

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>27</u>
Location: Highway No: <u>1</u> Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>Adjacent</u>
MP <u>988.4</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>Fair</u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/>	Cu.Yds. <input type="text"/>
	Description: <u>Flat</u>	Tree Cover: <u>Heavy Spruce</u>	
	Material: <u>Clay, Silt</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: Kluane Borrow or Test Site No: 28

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 988.7 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Clay, Silt 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: Kluane Borrow or Test Site No: 29

Location: Highway No: 1 Side R  L  Distance: Adjacent  
989.2 KP Alaska Highway Name: Alaska Access: Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE Date: Amount: Cu.Yds.

SITE Description: Gently Rolling Tree Cover: Light Poplar

TYPE Material: Clay, Silt Deposit:

HISTORY 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:

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: Kluane Borrow or Test Site No: 30

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 989.5 KP      Highway Name: Alaska Access POOF

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Mod. Poplar

Material: Clay, Silt 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: Kluane Borrow or Test Site No: 32

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 980.0 KP      Highway Name: Alaska Access: Good

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE Date:      Amount:      Cu.Yds.

SITE Description: Flat Tree Cover: Heavy Spruce

TYPE Material: Clay Deposit:     

HISTORY Past Use: Borrow Date:       
 Performance Rating:      Amount Used:       
 Remarks:     

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

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**

<b>R.H. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 33
<b>Location:</b> Highway No: 1	<b>Side:</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>
<b>MP:</b> 992.2	<b>Distance:</b> 1.0 mi
<b>KP:</b> _____	<b>Highway Name:</b> Alaska
<b>Access:</b> none	
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Not developed

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> _____	<b>Amount:</b> _____	<b>Cu.Yds.</b>
	<b>Description:</b> _____	<b>Tree Cover:</b> _____	
	<b>Material:</b> Glacial Till and Gravel	<b>Deposit:</b> _____	
	<b>Past Use:</b> _____	<b>Date:</b> _____	
	<b>Performance Rating:</b> _____	<b>Amount Used:</b> _____	
	<b>Remarks:</b> _____		

<b>TEST SUMMARY</b>	<b>Augered</b> <input type="checkbox"/>	<b>Pitted</b> <input checked="" type="checkbox"/>	<b>Trenched</b> <input type="checkbox"/>	<b>Not Indicated</b> <input type="checkbox"/>
	<b>Lab. Test</b> <input checked="" type="checkbox"/>	<b>Sketch (Plan)</b> <input type="checkbox"/>	<b>Crushed:</b> <input type="checkbox"/>	
	<b>Date:</b> Dec/72			
	<b>Sites Sampled:</b> 18 Pits			
<b>SUBSURFACE TEST RESULTS</b>	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden	5'	1'	
	Material	5'		
<b>Quantity (CuYds) Estimated</b>		<b>Proven</b>		
<b>Remarks:</b> Access road required. Potential surfacing material. Crusher Site.				

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> _____	<b>Crush Count:</b> _____								
<b>Other Tests:</b>	Petrographic Analysis - Limestone - 40%; Granite - 25%; Quartzite - 15%; Others - 20%									
<b>Grain Size Analysis</b>	<b>% Passing Sieve Size</b>									
<b>Hole No.</b>	<b>Depth</b>	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Pitrun-Av. 12 holes		91	80	67	56	49	36	26		
Pitrun-Av. 4 holes								83	34	12
Pitrun-Av. 4 holes								83	34	12
Av. 12 holes-3/4" crush		100	97	66	50	42	30	21	23	4
Av. 12 holes		90	79	67	56	49	36	26	23	4
Av. 12 holes-Lab crush			97	66	50	42	31	21		

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

<b>REFERENCE:</b>	DPW Materials Inventory; Alaska Highway Technical Data
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**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 34

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 992.3 KP            Highway Name: Alaska Access           

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE            Date:            Amount:            Cu.Yds.

SITE Description: Flat Tree Cover: Heavy Spruce

TYPE Material: Clay Deposit:           

HISTORY 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: Kluane Borrow or Test Site No: 35

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 994.0 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Y

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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	P

**Potential Conflicts**

Environmental:     

Land Use:     

**REFERENCE:**

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 36

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 995.8 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Heavy Spruce

Material: Clay 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:     

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: Kluane Borrow or Test Site No: 37

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 996.8 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu. Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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:     

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		Z 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: Kluane Borrow or Test Site No: 38

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 999.7 KP  Highway Name: Alaska Access Good

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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: Kluane Borrow or Test Site No: 39

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1000.0 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE** Date:      Amount:      Cu.Yds.

**SITE** Description: Flat Tree Cover: Heavy Spruce

**TYPE** Material: Clay Deposit:     

**HISTORY** Past Use: Borrow Date:       
 Performance Rating:      Amount Used:       
 Remarks:     

**TEST SUMMARY** Augered  Pitted  Trenched  Not Indicated   
 Lab. Test  Sketch (Plan)  Crushed:

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:     

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

**Potential Conflicts** Environmental:       
 Land Use:     

**REFERENCE:**

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>40</u>
Location: Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
MP <u>1000.2</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access <u>    </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

STOCKPILE SITE TYPE HISTORY	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Heavy Spruce, Popl</u>
	Material: <u>Clay</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"/>	<u>    </u>
SUBSURFACE TEST RESULTS	Date: <u>    </u>	Sites Sampled: <u>    </u>		
	Depth	Max.	Min.	Average
	Overburden	<u>    </u>	<u>    </u>	<u>    </u>
	Material	<u>    </u>	<u>    </u>	<u>    </u>
	Quantity: (CuYds) Estimated	Proven		
Remarks: <u>    </u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>								
Other Tests:	<u>    </u>									
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: <u>    </u>
	Land Use: <u>    </u>

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

R.H. Area: Kluane Borrow or Test Site No: 41

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1000.3 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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: Kluane Borrow or Test Site No: 42

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1000.5 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce, Poplar

Material: Clay 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: Kluane Borrow or Test Site No: 43

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1000.6 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce, Popl

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

Potential Conflicts

Environmental:       
 Land Use:     

REFERENCE:

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 44

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1000.7 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce, Popl

Material: Clay 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: Kluane Borrow or Test Site No: 45

Location: Highway No: I Side  R  L Distance: Adjacent  
 MP 1000.9 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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:         

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: Kluane Borrow or Test Site No: 46

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1001.0 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Mod. Spruce, Poplar

Material: Clay 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:** Kluane **Borrow or Test Site No:** 47

**Location:** Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1001.1 KP        Highway Name: Alaska Access       

**Tenure:** Plan Yes  No  **Current Status:** Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:        Amount:        Cu.Yds.

Description: Flat Tree Cover: Light Poplar, Spru

Material: Clay 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: Kluane Borrow or Test Site No: 48

Location: Highway No: I Side  R  L Distance: Adjacent  
 MP 1001.4 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Slight Slope Tree Cover: Mod. Spruce, Popla

Material: Clay Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

Augered  Fitted  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: Kluane Borrow or Test Site No: 49

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1002.0 KP      Highway Name: Alaska Access     

Tenure: Gravel Pit Reserve Appl. Current Status: Not Developed  
 Plan Yes  No

STOCKPILE      Date:      Amount:      Cu. Yds.

SITE Description:      Tree Cover:     

TYPE Material: Gravel and Sand Deposit:     

HISTORY Past Use:      Date:     

Performance Rating:      Amount Used:     

Remarks:     

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

Date: June/63 Sites Sampled:     

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated      Proven     

Remarks:     

LAB. TEST RESULTS Los Angeles Abrasion % Loss:      Crush Count:     

Other Tests:     

Hole No.	Depth	% Passing Sieve Size								
		1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Pitrun			84	65	51	39	15	4	--	NP
Crush			98	77	63	50	25	3	15.0	3.0

Potential Conflicts Environmental:       
 Land Use:     

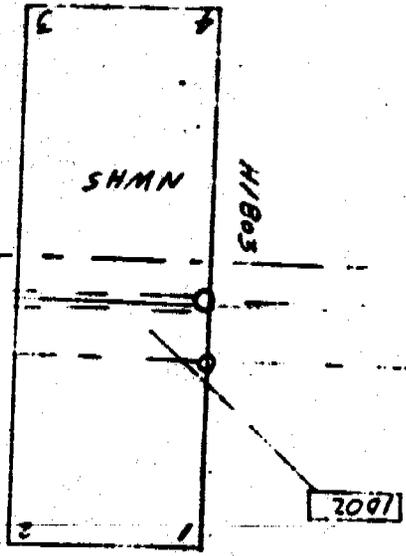
REFERENCE: DPW Materials Inventory; Alaska Highway Technical Data; DPW Legal File; Federal Lands Office



DEPARTMENT OF PUBLIC WORKS  
 MINISTÈRE DES TRAVAUX PUBLICS

Project no. no. du projet	Revisions	Date: date: 1" = 40'
approved by approuvé par		
designed by conçu par	Drawing title: titre du dessin: GRAND... Mile 100 - 150 WY	Date: date: 1" = 40'
drawn by dessiné par		
revised by révisé par		
date		

3-3-61



**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 50

Location: MP 1002.3 Highway No: 1 Side R  L  Distance: Adjacent  
 KP        Highway Name: Alaska Access: Excellent

Tenure: Plan Yes  No  Current Status: Active

STOCKPILE SITE TYPE HISTORY

Date:                      Amount:                      Cu. Yds

Description: Gentle Sidehill Tree Cover: Light Poplar

Material: Sand, Silt and Glacial Till Deposit:                     

Past Use: Surfacing - Crusher Site Date:                     

Performance Rating:                      Amount Used:                     

Remarks:                     

TEST SUMMARY

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

Date: Oct/72 Sites Sampled: 12 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden	2'	0'	
Material	14'	7'	

Quantity: (CuYds) Estimated                      Proven                     

Remarks:                     

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:                      Crush Count:                     

Other Tests: Petrographic Analysis - Av. 2 Pits - Granite - 25%; Limestone - 25%; Quartzite - 35%; Gabbro - 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
Pitrun-Av.	10 pits	96	80	70	63	59	49	34	16	2
Clay - Av.	5 pits							85	37	14
Crush-3/4"	Av. 11 pits	100	99	76	64	59	50	35	13	2

Potential Conflicts

Environmental:                     

Land Use:                     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 51

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1002.5 KP      Highway Name: Alaska Access Fair

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu. Yds.

Description: Gently Rolling Tree Cover: Mod. Spruce, Popla

Material: Clay 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:     

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>Kluane</u>		Borrow or Test Site No: <u>52</u>	
Location: <u>MP 1002.8</u>	Highway No: <u>1</u>	Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	Distance: <u>Adjacent</u>
KP <u>    </u>	Highway Name: <u>Alaska</u>	Access <u>    </u>	
Tenure: <u>Plan</u>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status:	<u>Inactive</u>

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Heavy Poplar</u>
	Material: <u>Clay</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"/>	<u>    </u>
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>    </u>	Sites Sampled: <u>    </u>		
	Depth	Max.	Min.	Average
	Overburden	<u>    </u>	<u>    </u>	<u>    </u>
	Material	<u>    </u>	<u>    </u>	<u>    </u>
	Quantity (CuYds) Estimated	Proven		
Remarks: <u>    </u>				

<b>LAB. TEST RESULTS</b>	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>
Other Tests:	<u>    </u>	

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

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

<b>REFERENCE:</b>	<u>    </u>
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**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 53

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1005.2 KP  Highway Name: Alaska Access

Tenure: Gravel Pit Reserve Appl. Plan Yes  No  Current Status: Not Developed

**STOCKPILE** Date:  Amount:  Cu. Yds

**SITE** Description: Flat - Gently Rolling Tree Cover: Mod. Poplar, Spruce

**TYPE** Material:  Deposit:

**HISTORY** Past Use:  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:

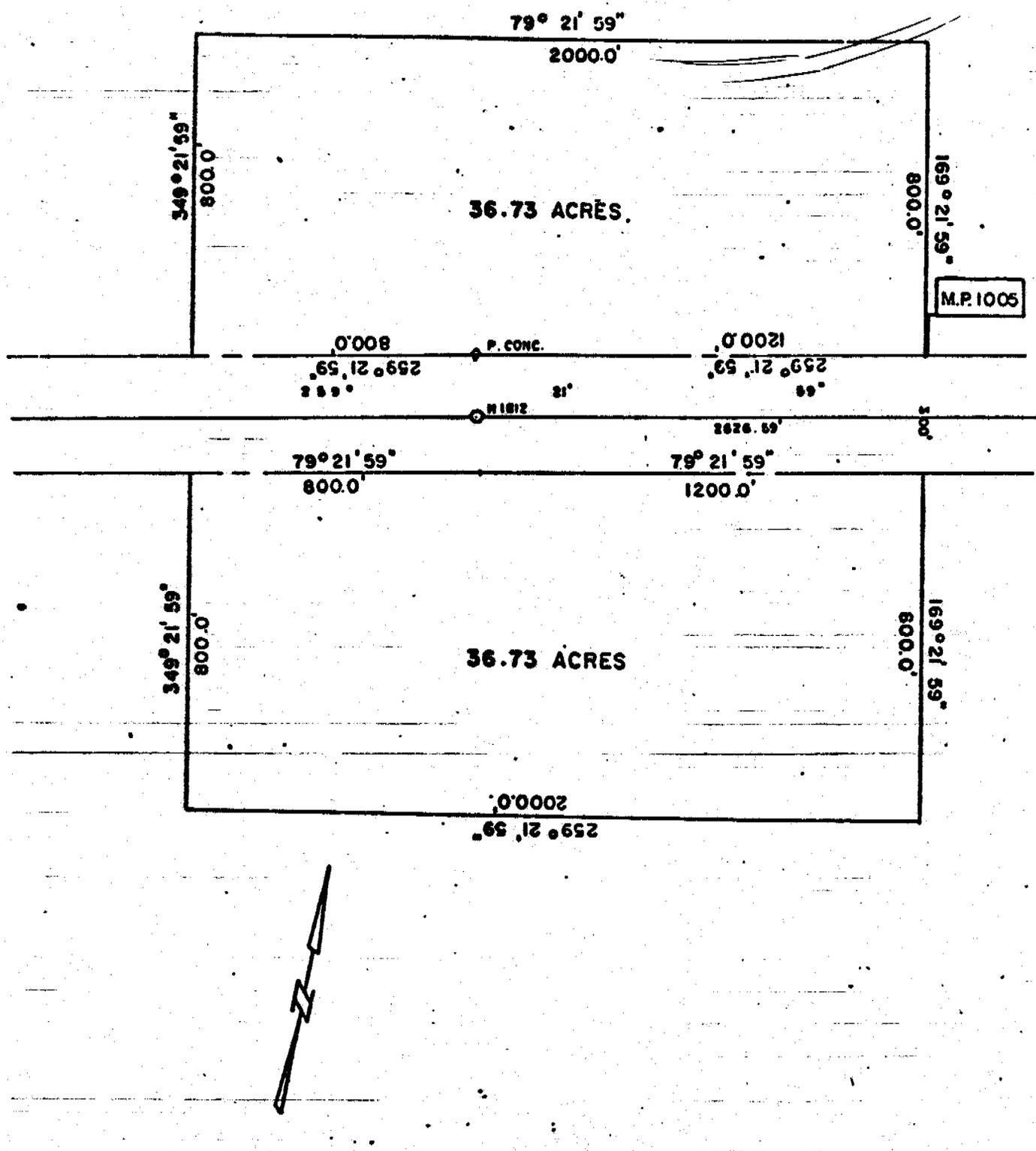
**LAB. TEST RESULTS** Los Angeles Abrasion % Loss:  Crush Count:

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:** DPW Legal File; Federal Lands Office



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
**GRAVEL PIT RESERVE**  
 scale:  
 échelle: 1" = 400' R.H.S.

**ALASKA HIGHWAY**  
**M.P. 1005.2**

designed by conçu par	date
drawn by dessiné par	N.L. 14/4/72
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	draw no. no. de la dr.
T.S. 72-73	22-93

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 54

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1006.8 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE Date:  Amount:  Cu.Yds.

SITE Description: Flat Tree Cover: Heavy Spruce

TYPE Material: Clay Deposit:

HISTORY 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: Kluane Borrow or Test Site No: 55

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1008.8 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gently Rolling Tree Cover: Heavy Poplar, Spruce

Material: Gravel Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

Augered  Fitted  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: Kluane Borrow or Test Site No: 56

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1009.5 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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: Kluane Borrow or Test Site No: 57

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1011.2 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu. Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Glacial Till Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: Nov/72 Sites Sampled: 12 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden	2'	1'	
Material	+11'	5'	

Quantity: (CuYds) Estimated      Proven     

Remarks: Plasticity of glacial till insufficient for surfacing material.

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:      Crush Count:     

Other Tests: Petrographic Analysis - Average --- Quartzite - 35%; Limestone - 23%; Granite - 12%; Schist - 12%; Gabbro - 10%; Others - 8%

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
Pitrun-3 Pits		100	95	93	90	87	79	77	26	8
Laberush - 2 Pits			100	94	88	90	77	63	22	5
Crush-3/4" - Av. 9 pits		100	100	81	71	64	50	34	11	1
Av. 2 pits									32	16
Pitrun - Av. 9 pits		94	81	72	65	59	46	30	11	1

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DFW Materials Inventory; Alaska Highway Technical Data

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 57
<b>Location:</b> Highway No: 1 MP 1011.2 KP Highway Name: Alaska	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/> Distance: Access:
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b>

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b>	<b>Amount:</b> Cu.Yds
	<b>Description:</b>	<b>Tree Cover:</b>
	<b>Material:</b>	<b>Deposit:</b>
	<b>Past Use:</b>	<b>Date:</b>
	<b>Performance Rating:</b>	<b>Amount Used:</b>
	<b>Remarks:</b>	

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

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b>	<b>Crush Count:</b>
<b>Other Tests:</b>		

Grain Size Analysis		% Passing Sieve Size								
		1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Hole No.	Depth									
Pitrun-Av.	2 Pits	90	80	68	54	41	11	3		
Labcrush -	1 Pit		100	84	71	58	6	2		
Pitrun - Av.	4 Pits		99	94	90	86	79	63	25	9
Labcrush -	Av. 3 pits		100	86	77	71	61	45	18	5

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

<b>REFERENCE:</b>	DPW Materials Inventory; Alaska Highway Technical Data
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 36

Location: Highway No: 1 Side  R  L Distance: 0.6 mi  
 MP 1012.5 KP      Highway Name: Alaska Access Excellent

Tenure: Gravel Pit Reserve Plan Current Status: Active - Used by Haines Junction  
 Plan Yes  No  Community

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds

Description: Gently Rolling Tree Cover: Mod. Spruce, Popl.

Material: Gravel and Sand Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: July/69 Sites Sampled: 5 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden	2'	1/2'	
Material	15'	7 1/2'	

Quantity: (CuYds) Estimated      Proven     

Remarks: Some calcite coating on gravel. Used by Haines Junction Community. Has too much sand and not enough clay for binder

LAB. TEST RESULTS

Los Angeles Abrasion % Loss: 15.4 - 1" Crush Crush Count: 58% - <sup>30% - 1"</sup> 3/4

Other Tests: Petrographic Analysis - Quartzite - 45%; Limestone - 35%; Granite - 10%; Others - 10%

Grain Size Analysis	Depth	Z Passing Sieve Size								
		1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Av. - 5 Pits		84	87	72	59	58	38	25	42.6	23.1
Crush - 1 inch			97	82	66	57	21	3	--	NP
Crush - 3/4 inch			100	86	63	51	19	3	--	NP

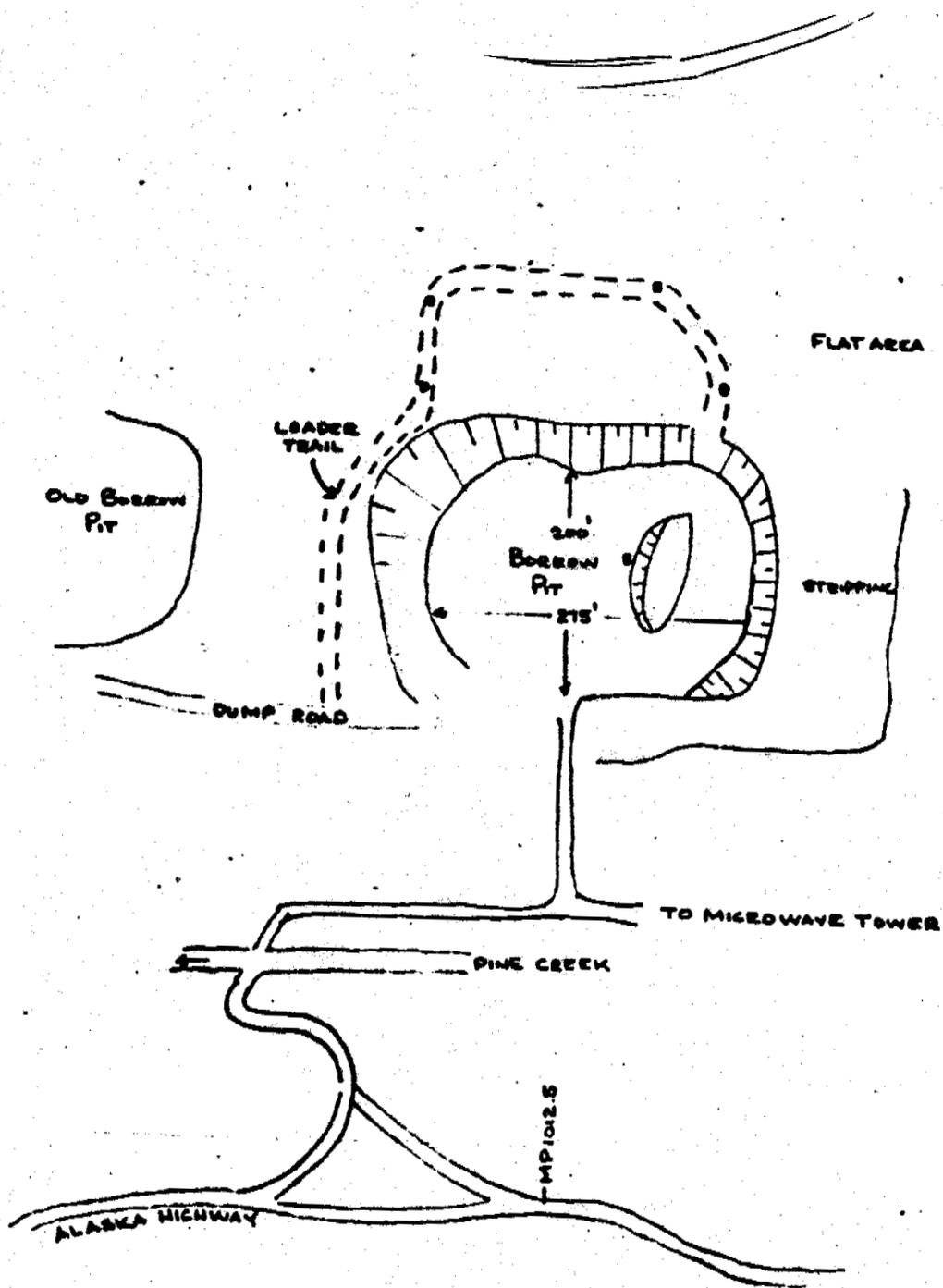
Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory  
Alaska Highway Technical Data  
DPW Legal File

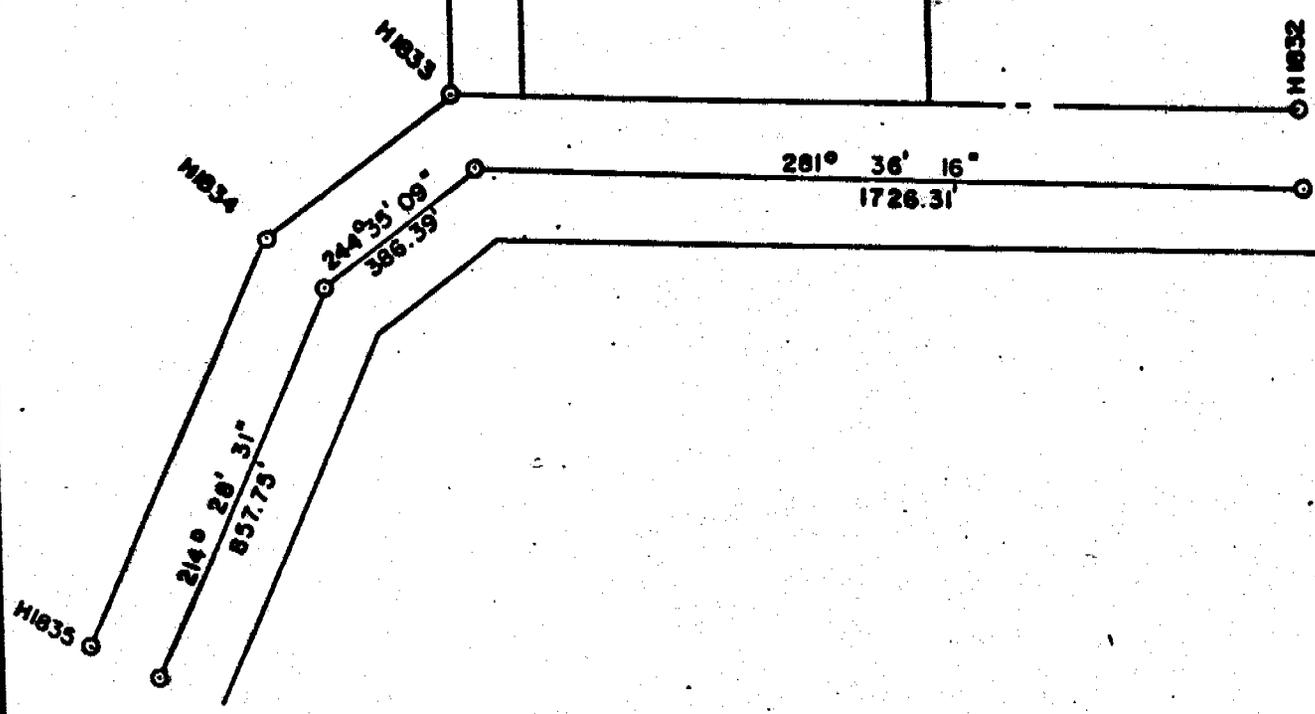


SITE NO 58  
 KLUANE R.M.A.  
 TEST AREA  
 ALASKA HIGHWAY MP 1012.5  
 NO SCALE  
 \* TEST PITS



NO 3612

MP1012



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
 scale: 1" = 400'

ALASKA HIGHWAY  
 M.P. 1012

designed by conçu par	date MAY 1972
drawn by dessiné par	
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg no. dessin no.

**YUKON GRAVEL INVENTORY**

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>59</u>	
Location: <u>MP 1013.3</u>	Highway No: <u>1</u>	Side: R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>0.1 mi</u>
KP <input type="checkbox"/>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/>	Cu. Yds.	
	Description: <u>Gentle Slope</u>		Tree Cover: <u>Heavy Spruce</u>	
	Material: <u>Sand, Gravel</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"/>	

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

<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: HAINES JUNCTION Borrow or Test Site No: 59.1

Location: Highway No: #1 Side R  L  Distance:           
 MP 1016.0 KP          Highway Name: ALASKA Access GOOD

Tenure: Plan Yes  No  Current Status: ACTIVE

**STOCKPILE SITE TYPE HISTORY**

Date: 21/NOV/77 Amount:          Cu.Yds.

Description: LEVEL Tree Cover:         

Material: HEAM (TOP SOIL) Deposit:         

Past Use: TOP SOIL (GARDENS LAWNS) Date: JULY 7/77

Performance Rating:          Amount Used: 500 YDS CU.

Remarks: TAKEN FROM HAINES JUNCTION FIREGUARD

**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:**

QUARRY PERMIT 77/63  
LAND USE PERMIT YA70084

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 60

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1018.4 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu. Yds.

Description: Gently Rolling Tree Cover: Mod. Poplar

Material: Gravel 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: Kluane Borrow or Test Site No: 61

Location: Highway No: 1 Side:  R  L Distance: Adjacent  
 MP 1020.2 KP      Highway Name: Alaska Access:     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description:      Tree Cover: Mod. Spruce

Material:      Deposit:     

Past Use:      Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: Oct/72 Sites Sampled: 13 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden	<u>2 1/2'</u>	<u>1'</u>	
Material	<u>11'</u>	<u>4'</u>	

Quantity: (CuYds) Estimated      Proven     

Remarks: Permafrost in some holes. Potential surfacing material crusher site - would require addition of gravel.

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:      Crush Count:     

Other Tests: Petrographic Analysis - Granodiorite - 35%; Limestone - 35%; Quartzite - 20%; 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
<u>Crush - 3/4"</u>	<u>Av. 7 Pits</u>	<u>100</u>	<u>100</u>	<u>92</u>	<u>86</u>	<u>82</u>	<u>74</u>	<u>61</u>	<u>22</u>	<u>6</u>
<u>Pitrun-Av.</u>	<u>8 Pits</u>	<u>97</u>	<u>92</u>	<u>88</u>	<u>84</u>	<u>81</u>	<u>73</u>	<u>58</u>	<u>23</u>	<u>7</u>
<u>6</u>	<u>3'-12'</u>							<u>79</u>	<u>39</u>	<u>16</u>

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

### YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>62</u>	
Location: MP <u>1021.0</u>	Highway No: <u>1</u>	Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>          </u>	Highway Name: <u>Alaska</u>	Access <u>          </u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE  HISTORY	Date: <u>          </u>	Amount: <u>          </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Mod. Spruce, Popla</u>
	Material: <u>Silt, Sand Clay and Glacial Till</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 checked="" type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date: <u>Oct/72</u>	Sites Sampled: <u>7 Pits</u>		
	Depth	Max.	Min.	Average
	Overburden	<u>3'</u>	<u>2'</u>	
	Material	<u>11'</u>	<u>1'</u>	
	Quantity:(CuYds) Estimated	Proven		
Remarks: <u>Some permafrost,</u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>          </u>	Crush Count: <u>          </u>								
Other Tests:	<u>          </u>									
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
<u>5</u>	<u>1 1/2-13'</u>	<u>74</u>	<u>67</u>	<u>61</u>	<u>56</u>	<u>52</u>	<u>42</u>	<u>30</u>	<u>20</u>	<u>5</u>
<u>6</u>	<u>2-6'</u>							<u>90</u>	<u>27</u>	<u>9</u>

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kiūāne Borrow or Test Site No: 63

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1021.5 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description: Gentle Slope Tree Cover: Light Small Poplar

Material: Clay, Silt 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: Kluane Borrow or Test Site No: 64

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1021.9 KP            Highway Name: Alaska Access           

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:            Amount:            Cu.Yds.

Description: Flat Tree Cover: Mod. Spruce, Popl

Material: Clay 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: Kluane Borrow or Test Site No: 65

Location: Highway No: 1 Side  R  L Distance: 0.2 mi  
 MP 1022.2 KP      Highway Name: Alaska Access Excellent

Tenure: Gravel Pit Reserve Appl      Current Status: Active  
 Plan Yes  No

STOCKPILE      Date: May/66 Crush Amount: + 750 Cu.Yds.

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

TYPE Material: Gravel Deposit:     

HISTORY 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	15½'	14'	

Quantity: (CuYds) Estimated      Proven     

Remarks: Some calcite coating gravel.

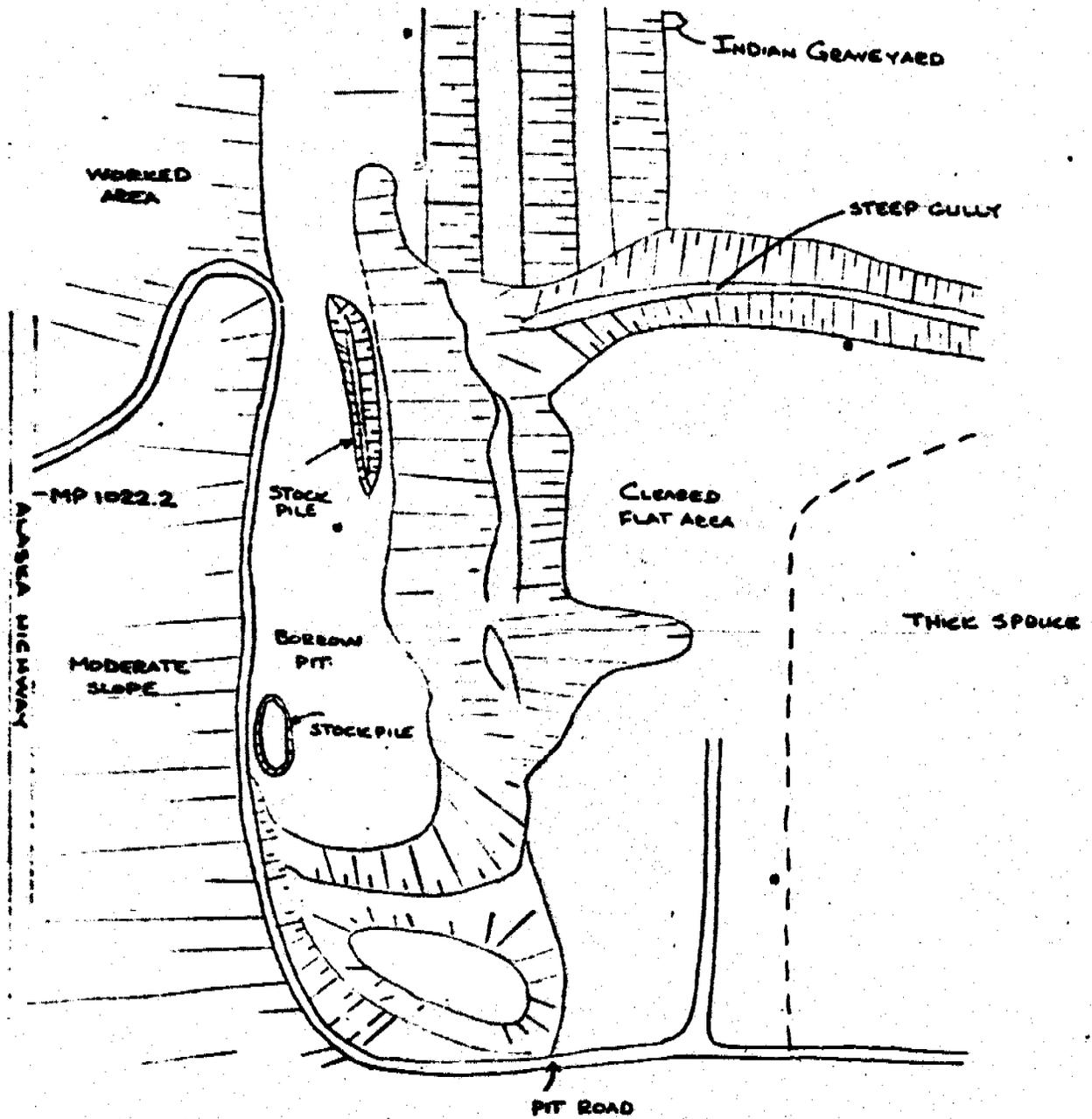
LAB. TEST RESULTS Los Angeles Abrasion % Loss: 17.3 Crush Count:     

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

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>66</u>
Location: Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
MP <u>1022.6</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>    </u>
Tenure: Gravel Pit Reserve Appl. Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Not Developed</u>

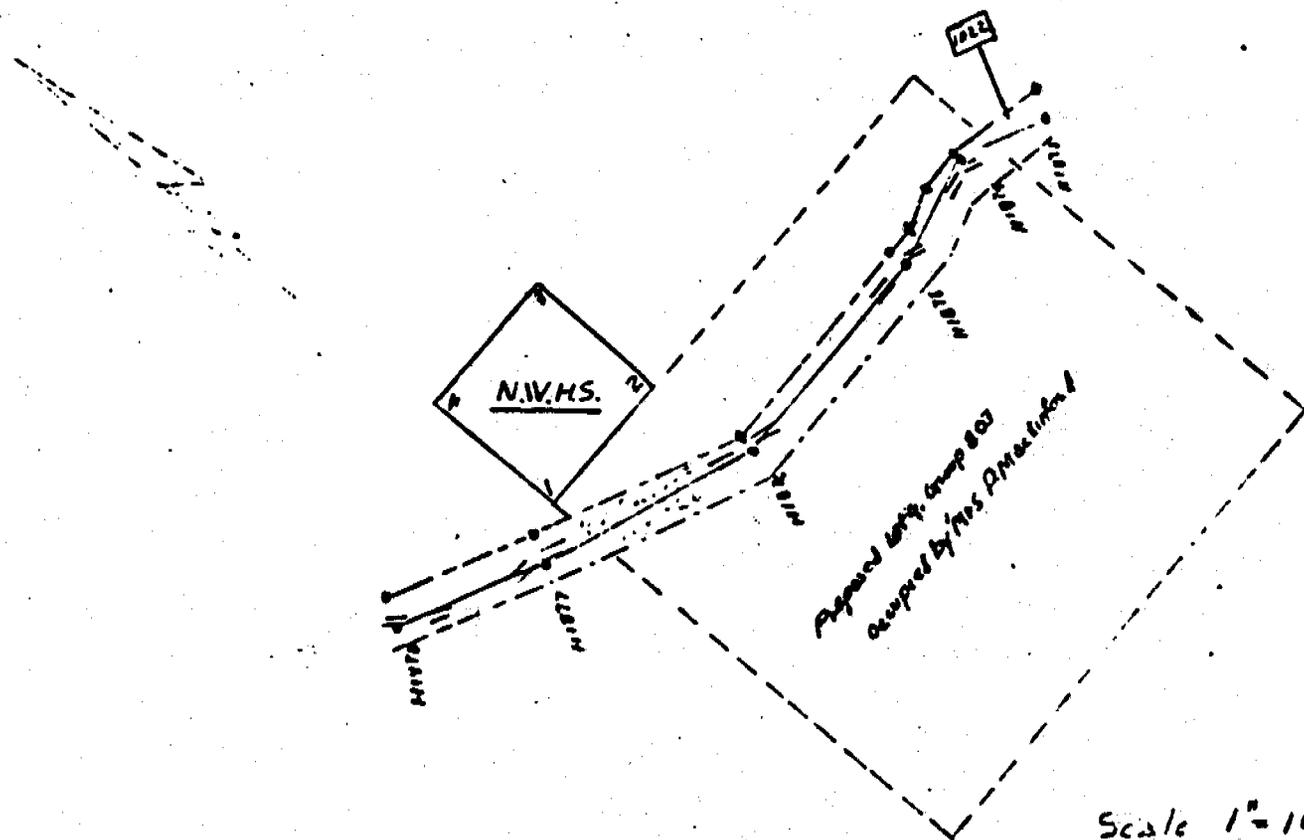
<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>    </u>	Tree Cover: <u>    </u>
	Material: <u>    </u>	Deposit: <u>    </u>
	Past Use: <u>    </u>	Date: <u>    </u>
	Performance Rating: <u>    </u>	Amount Used: <u>    </u>
	Remarks: <u>    </u>	

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input checked="" type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>    </u>	Sites Sampled: <u>    </u>		
	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
Pitrun		100	98	76	61	56	21	4	--	Np

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

<b>REFERENCE:</b>	DPW Materials Inventory; Alaska Highway Technical Data; DPW Legal File; Federal Lands Office
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Scale 1" = 1000'

Nov 30, 1954

R.S.D.

GRAVEL PIT MILE 1022,6

Commencing at Lot Corner post 803, as post #1; thence on a true bearing of 94 degrees 18 minutes for a distance of 200 feet to post #2; thence on a true bearing of 04 degrees 18 minutes for a distance of 200 feet to post #3; thence on a true bearing of 274 degrees 18 minutes for a distance of 200 feet to post #4; thence on a true bearing of 184 degrees 18 minutes for a distance of 200 feet to post #1; point of commencement.

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 67

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1023.4 KP        Highway Name: Alaska Access Good

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:                      Amount:                      Cu.Yds.

Description: Gentle Slope Tree Cover: Thick Spruce

Material: Gravel 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**

<b>R.M. Area:</b>	Kluane	<b>Borrow or Test Site No:</b>	68
<b>Location:</b>	<b>Highway No:</b> 1	<b>Side:</b> R <input type="checkbox"/> L <input checked="" type="checkbox"/>	<b>Distance:</b> Adjacent
MP 1025.6	KP <input type="checkbox"/>	<b>Highway Name:</b> Alaska	<b>Access:</b> Good
<b>Tenure:</b>	<b>Plan:</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b>	Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/> Cu.Yds.
	<b>Description:</b> Flat	<b>Tree Cover:</b> Mod. Alder, Poplar Spruce
	<b>Material:</b> Gravel	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
	<b>Remarks:</b> <input type="text"/>	

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

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

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

<b>REFERENCE:</b>	<input style="height: 100px;" type="text"/>
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**YUKON GRAVEL INVENTORY**

**R.M. Area:** Kluane **Borrow or Test Site No:** 69

**Location:** Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1028.6 KP            Highway Name: Alaska Access Good

**Tenure:** Plan Yes  No  **Current Status:** Inactive

**STOCKPILE** Date:                    Amount:            Cu.Yds.

**SITE** Description: Gentle Slope Tree Cover: Mod. Poplar, Spruce

**TYPE** Material: Gravel Deposit:                   

**HISTORY** Past Use: Borrow Date:                   

Performance Rating:                    Amount Used:                   

Remarks:                   

**TEST SUMMARY**

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

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

**Potential Conflicts** Environmental:                     
 Land Use:                   

**REFERENCE:**

**YUKON GRAVEL INVENTORY**

<b>R.M. Area:</b> <u>Kluane</u>		<b>Borrow or Test Site No:</b> <u>70</u>	
<b>Location:</b>	<b>Highway No:</b> <u>1</u>	<b>Side</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> <u>Adjacent</u>
<b>KP</b> <u>1028.9</u>	<b>KP</b> <u>    </u>	<b>Highway Name:</b> <u>Alaska</u>	<b>Access</b> <u>    </u>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		<b>Current Status:</b> <u>    </u>	

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <u>    </u>	<b>Amount:</b> <u>    </u> <b>Cu.Yds.</b>
	<b>Description:</b> <u>    </u>	<b>Tree Cover:</b> <u>    </u>
	<b>Material:</b> <u>    </u>	<b>Deposit:</b> <u>    </u>
	<b>Past Use:</b> <u>    </u>	<b>Date:</b> <u>    </u>
	<b>Performance Rating:</b> <u>    </u>	<b>Amount Used:</b> <u>    </u>
<b>Remarks:</b> <u>    </u>		

<b>TEST SUMMARY</b>	<b>Augered</b> <input type="checkbox"/>	<b>Pitted</b> <input type="checkbox"/>	<b>Trenched</b> <input checked="" type="checkbox"/>	<b>Not Indicated</b> <input type="checkbox"/>
	<b>Lab. Test</b> <input checked="" type="checkbox"/>	<b>Sketch (Plan)</b> <input type="checkbox"/>	<b>Crushed:</b> <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> <u>July/69</u>		<b>Sites Sampled:</b> <u>300 ft. trench</u>	
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	<b>Overburden</b>	<u>2'</u>		
	<b>Material</b>	<u>5'</u>		
<b>Quantity (CuYds) Estimated</b>		<b>Proven</b>		
<b>Remarks:</b> <u>No sample.</u>				

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> <u>    </u>	<b>Crush Count:</b> <u>    </u>
<b>Other Tests:</b>	<u>    </u>	

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

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

<b>REFERENCE:</b>	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 71

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1029.0 KP      Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat, Gently Rolling Tree Cover: Thick Spruce

Material: Gravel 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**

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 72
<b>Location:</b> Highway No: 1 Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> Adjacent
MP 1029.1 KP <input type="checkbox"/> Highway Name: Alaska	<b>Access:</b> <input type="checkbox"/>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b>

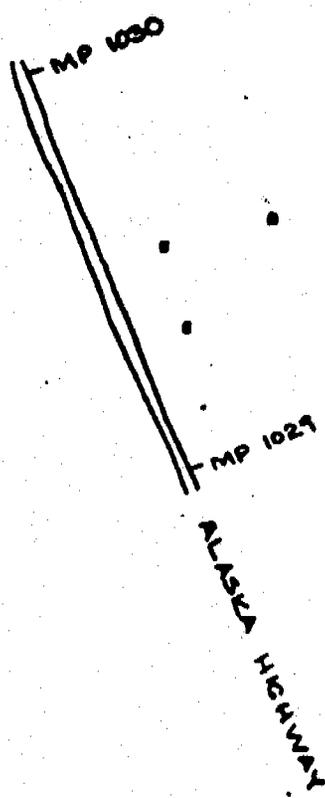
<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/>	<b>Cu. Yds.</b>
	<b>Description:</b> <input type="text"/>	<b>Tree Cover:</b> <input type="text"/>	
	<b>Material:</b> <input type="text"/>	<b>Deposit:</b> <input type="text"/>	
	<b>Past Use:</b> <input type="text"/>	<b>Date:</b> <input type="text"/>	
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>	
	<b>Remarks:</b> <input type="text"/>		

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input checked="" type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input checked="" type="checkbox"/>	Crushed: <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> July/69	<b>Sites Sampled:</b> 3 Pits		
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden	3'	1'	
	Material	6'	4'	
	<b>Quantity: (CuYds) Estimated</b>		<b>Proven</b>	
<b>Remarks:</b> Water table at 6 ft. No samples.				

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

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

<b>REFERENCE:</b>	DPW Materials Inventory, Alaska Highway Technical Data
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SITE NO 72  
KLUANE R.M.A.  
TEST AREA  
ALASKA HIGHWAY MP 1020.1 RHS  
NO SCALE  
■ TEST PIT

**YUKON GRAVEL INVENTORY**

R.M. Area:     Kluane     Borrow or Test Site No:     73    

Location: Highway No:     1     Side  R  L Distance:     Adjacent      
 MP     1029.8     KP      Highway Name:     Alaska     Access     

Tenure: Plan Yes  No  Current Status:     Inactive    

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description:     Gentle Slope     Tree Cover:     Thick Spruce    

Material:     Gravel     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:** Kluane **Borrow or Test Site No:** 74

**Location:** Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1030.1 KP      Highway Name: Alaska Access     

**Tenure:** Plan Yes  No  **Current Status:** Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Yds.

Description: Gentle Slope Tree Cover: Mod. Spruce, Alder

Material: Clay 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**

<b>R.M. Area:</b>	Kluane	<b>Borrow or Test Site No:</b>	75
<b>Location:</b>	<b>Highway No:</b> 1	<b>Side</b>	R <input type="checkbox"/> L <input checked="" type="checkbox"/>
MP 1030.2	KP <input type="checkbox"/>	<b>Highway Name:</b>	Alaska
<b>Tenure:</b>		<b>Current Status:</b>	Inactive
Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>		

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b>	<b>Amount:</b>	Cu.Yds.
	<b>Description:</b> Gentle Slope		<b>Tree Cover:</b> Mod. Spruce
	<b>Material:</b> Clayey Sandy Gravel		<b>Deposit:</b>
	<b>Past Use:</b> Borrow		<b>Date:</b>
	<b>Performance Rating:</b>		<b>Amount Used:</b>
	<b>Remarks:</b>		

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

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b>	<b>Crush Count:</b>
<b>Other Tests:</b>		

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

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

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

R.H. Area: <u>Kluane</u>	Borrow or Test Site No: <u>76</u>
Location: Highway No: <u>1</u> Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L Distance: <u>Adjacent</u>	MP <u>1030.3</u> KP <u>      </u> Highway Name: <u>Alaska</u> Access <u>      </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>      </u>

STOCKPILE SITE TYPE HISTORY	Date: <u>      </u>	Amount: <u>      </u> Cu.Yds.
	Description: <u>      </u>	Tree Cover: <u>      </u>
	Material: <u>      </u>	Deposit: <u>      </u>
	Past Use: <u>      </u>	Date: <u>      </u>
	Performance Rating: <u>      </u>	Amount Used: <u>      </u>
	Remarks: <u>      </u>	

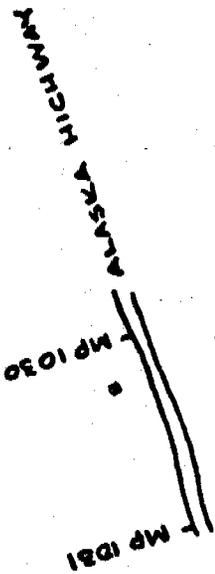
TEST SUMMARY	Augered <input type="checkbox"/> Pitted <input checked="" type="checkbox"/> Trenched <input type="checkbox"/> Not Indicated <input type="checkbox"/>												
	Lab. Test <input checked="" type="checkbox"/> Sketch (Plan) <input checked="" type="checkbox"/> Crushed: <input type="checkbox"/>												
SUBSURFACE TEST RESULTS	Date: <u>July/69</u> Sites Sampled: <u>1 pit</u>												
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">Depth</th> <th style="width:20%;">Max.</th> <th style="width:20%;">Min.</th> <th style="width:20%;">Average</th> </tr> </thead> <tbody> <tr> <td>Overburden</td> <td align="center">3'</td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td align="center">3'</td> <td></td> <td></td> </tr> </tbody> </table>	Depth	Max.	Min.	Average	Overburden	3'			Material	3'		
	Depth	Max.	Min.	Average									
	Overburden	3'											
	Material	3'											
Quantity (CuYds) Estimated <u>      </u> Proven <u>      </u>													
Remarks: <u>No samples.</u>													

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>      </u>	Crush Count: <u>      </u>								
Other Tests: <u>      </u>										
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: <u>      </u>
	Land Use: <u>      </u>

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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SITE NO. 76  
KLUANE R.M.A.  
TEST AREA  
ALASKA HIGHWAY MP 1030.3 R.H.S.  
NO SCALE  
• TEST PT



**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 77

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1030.9 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status:

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description:  Tree Cover:

Material:  Deposit:

Past Use:  Date:

Performance Rating:  Amount Used:

Remarks:

TEST SUMMARY

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

Date: July/69 Sites Sampled: 1 Pit

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden	1'		
Material	5'		

Quantity (CuYds) Estimated  Proven

Remarks: No sample.

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

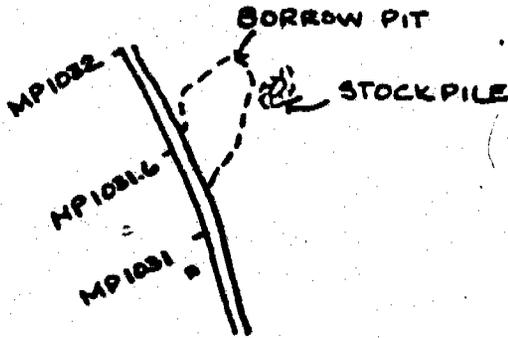
Potential Conflicts

Environmental:

Land Use:

REFERENCE:

**DPW Materials Inventory; Alaska Highway Technical Data**



SITE NO 77  
KLUANE R.M.A.  
ALASKA HIGHWAY MP 1030.8 L  
NO SCALE  
• TEST PIT

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 78

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1031.0 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status:         

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description:          Tree Cover:         

Material: Gravel, Glacial Till Deposit:         

Past Use:          Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date: June/64 Sites Sampled: 1 Pit

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							LL	PI
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200		
Sample No.	174		97	76	61	48	32	21	--	NP

Potential Conflicts

Environmental:           
 Land Use:         

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 79

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1031.2 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status:         

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description:          Tree Cover:         

Material:          Deposit:         

Past Use:          Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date: July/69 Sites Sampled: 1 Pit

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		<u>1/2'</u>	
Material		<u>6 1/2'</u>	

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

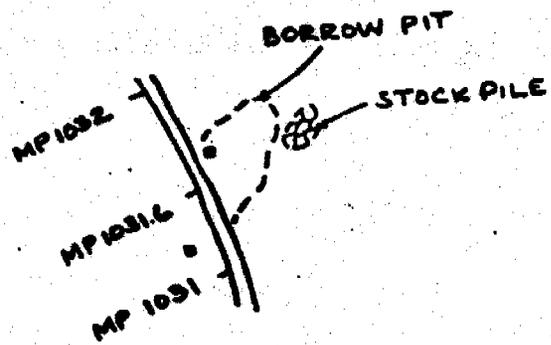
Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

**DPW Materials Inventory; Alaska Highway Technical Data**



SITE NO 79  
KLUANE R.M.A  
TEST AREA  
ALASKA HIGHWAY MP 1031.2 LHS  
NO SCALE  
■ TEST PIT

## YUKON GRAVEL INVENTORY

R.M. Area:	Kluane	Borrow or Test Site No:	80
Location:	Highway No: <input type="text" value="1"/>	Side: R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <input type="text" value="Adjacent"/>
MP <input type="text" value="1031.6"/>	KP <input type="text"/>	Highway Name: <input type="text" value="Alaska"/>	Access: <input type="text"/>
Tenure: Gravel Pit Reserve Plan	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Current Status:	Active

STOCKPILE SITE TYPE HISTORY	Date: <input type="text" value="May/66"/>	Crush	Amount: <input type="text" value="+ 10,000 Cu.Yds"/>	
	Description: <input type="text" value="Gentle Slope"/>	Tree Cover: <input type="text" value="Thick Spruce"/>		
	Material: <input type="text" value="Gravel"/>	Deposit: <input type="text"/>		
	Past Use: <input type="text" value="Borrow - Crusher Site"/>	Date: <input type="text"/>		
	Performance Rating: <input type="text"/>	Amount Used: <input type="text"/>		
Remarks: <input type="text"/>				

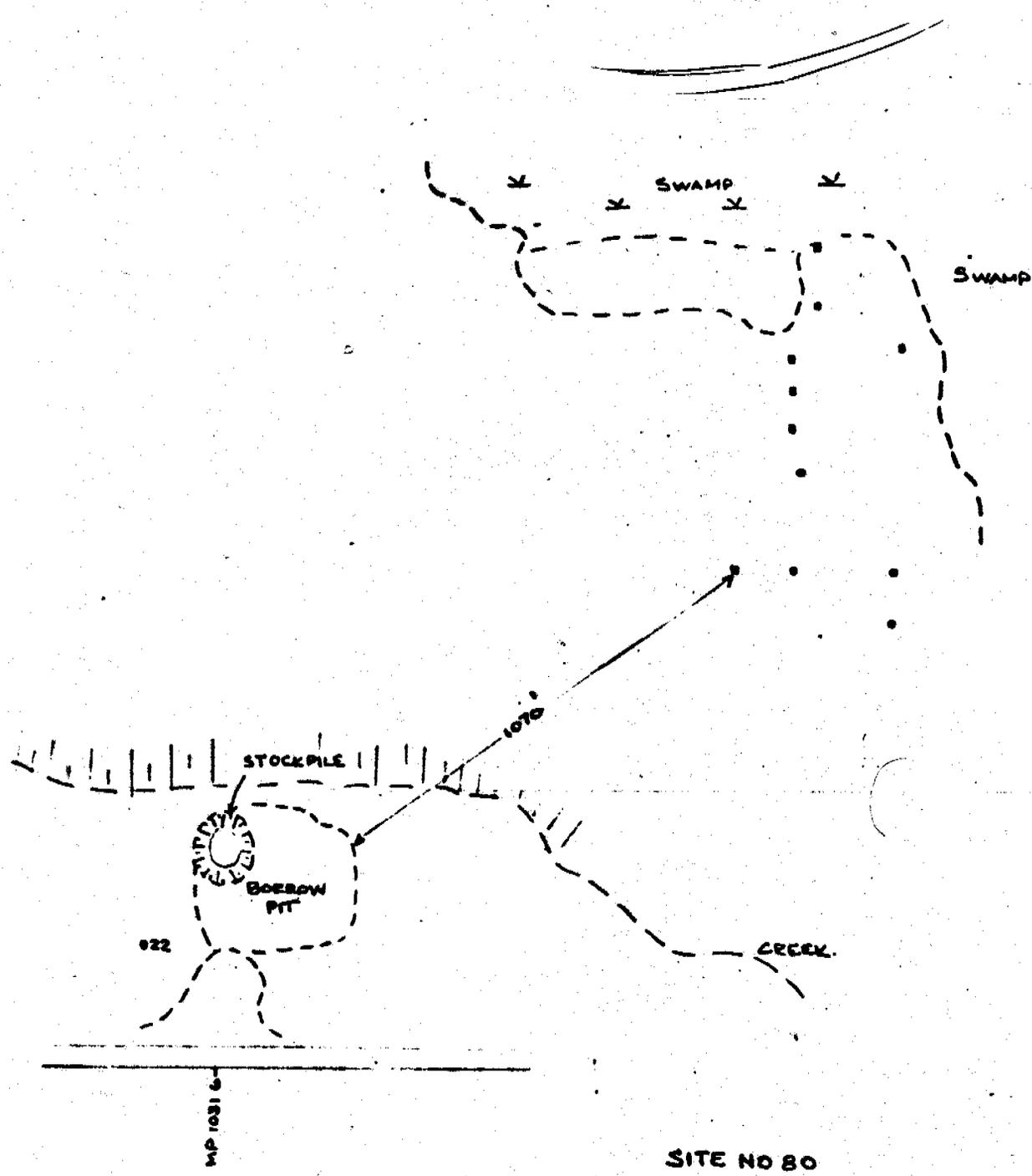
TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input checked="" type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>	
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input checked="" type="checkbox"/>	Crushed: <input type="checkbox"/>		
SUBSURFACE TEST RESULTS	Date: <input type="text" value="July/69"/>		Sites Sampled: <input type="text" value="15 pits"/>		
	Depth	Max.	Min.	Average	
	Overburden	2'	0		
	Material	15'	6'		
	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:	Petrographic Analysis: Granodiorite - 40%; Limestone - 35%; Quartzite - 15%; 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
Pitrun-Av. 9 pits		100	57	45	38	29	16	9	18	7
Labcrush-3/4" Av 2 pits			96	58	40	28	14	8	20	2
Pitrun-Av. 5 pits				100	99	99	95	81	20	2
- silt/sand										

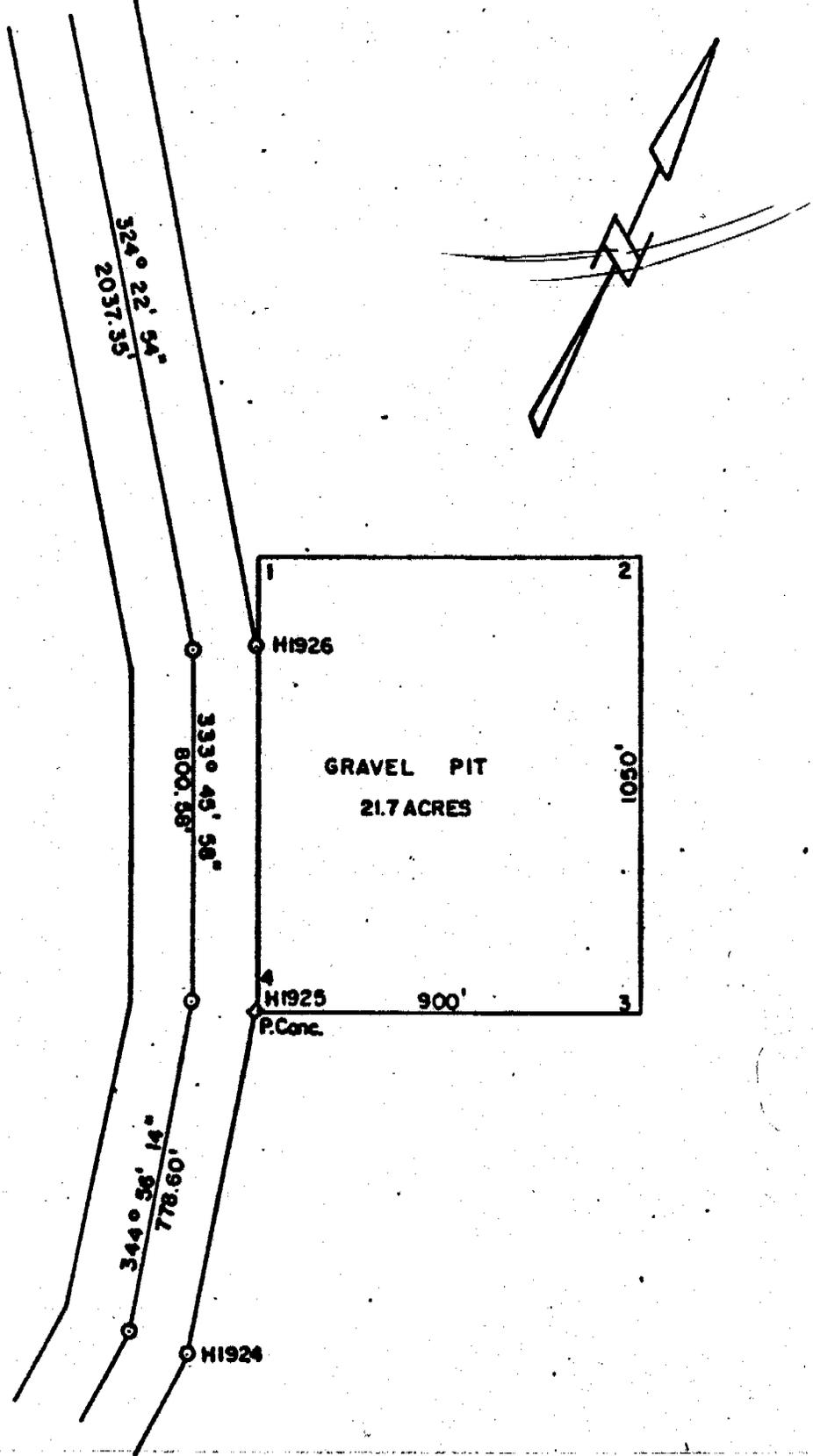
Potential Conflicts	Environmental: <input type="text"/>
	Land Use: <input type="text"/>

REFERENCE:	DFW Materials Inventory; Alaska Highway Technical Data; DFW Legal File; Federal Lands Office
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SITE NO 80  
 KLUANE R.M.A.

TEST AREA  
ALASKA HIGHWAY MP 1031.6  
 NO SCALE  
 ■ TEST PITS



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
**GRAVEL PIT RESERVE**  
 scale:  
 échelle: 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 1031.6**

designed by conçu par	date
drawn by dessiné par	MAY 1972
reviewed by examiné par	
approved by approuvé par	
project no no du projet	dwg no dessin no.

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 81

Location: Highway No: 1 Side  R  L Distance: 0.3 mi  
 MP 1032.0 KP      Highway Name: Alaska Access: None

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds

Description: Flat - Gently Rolling Tree Cover: Mod. Spruce, Alde

Material: Glacial Till Deposit:     

Past Use: Borrow - Relocation Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: July/69 Sites Sampled: 1 Pit

Depth	Max.	Min.	Average
Overburden		1'	
Material		6'	

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
Crusher Pit - Av.			100	81	65	53	40	28	--	NP
	3 samples									

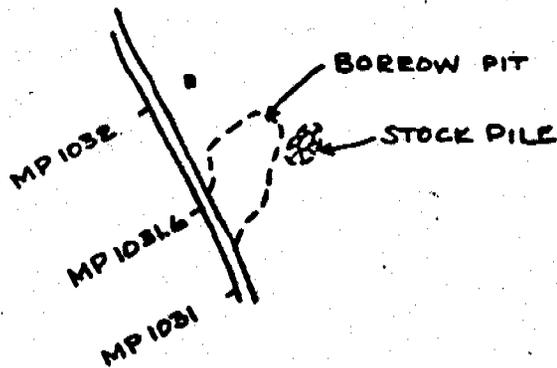
Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data



SITE NO B1  
KLUANE R.M.A  
TEST AREA  
ALASKA HIGHWAY MP 1032.0 R.H.S  
NO SCALE  
■ TEST SITE

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 82

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1032.4 KP      Highway Name: Alaska Access None

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE      Date:      Amount:      Cu.Yds.     

SITE Description: Gently Rolling Tree Cover: Heavy Spruce

TYPE Material: Gravel Deposit:     

HISTORY 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: Kluane Borrow or Test Site No: 83

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1032.8 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

**STOCKPILE** Date:      Amount:      Cu.Yds.

**SITE** Description: Gentle Slope Tree Cover: Mod. Spruce, Popl.

**TYPE** Material: Gravel Deposit:     

**HISTORY** Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

**TEST SUMMARY** Augered  Pitted  Trenched  Not Indicated   
 Lab. Test  Sketch (Plan)  Crushed:

Date: July/69 Sites Sampled: 2 Pits

Depth	Max.	Min.	Average
Overburden	3'	0'	
Material	10'	4'	

Quantity: (CuYds) Estimated      Proven     

Remarks: Water Table 3 Ft. No samples.

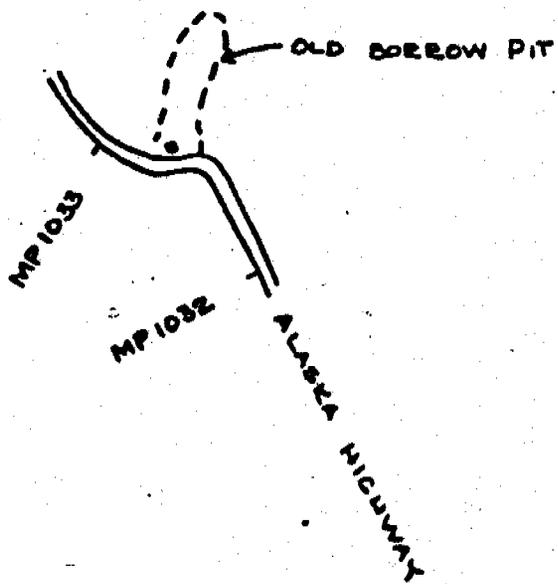
**LAB. TEST RESULTS** Los Angeles Abrasion % Loss:      Crush Count:     

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:



SITE NO 83  
KLUANE R.M.A.  
TEST AREA  
ALASKA HIGHWAY MP 1032.8 R.H.S.  
NO SCALE  
■ TEST PIT

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 84

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1032.9 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu. Yds

Description: Slightly Rolling Tree Cover: Heavy Spruce

Material: Sand Deposit:

Past Use: Borrow Date:

Performance Rating:  Amount Used:

Remarks:

TEST SUMMARY

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

Date: July/69 Sites Sampled:

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		1'	
Material		5'	

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
25		95	88	73	59	43	12	5	—	NP

Potential Conflicts

Environmental:

Land Use:

REFERENCE:

DFW Materials Inventory; Alaska Highway Technical Data

ALASKA HIGHWAY

MP 1033

MP 1032

OLD BORROW PIT

SITE NO 84  
KLUANE R M A  
TEST SITE  
ALASKA HIGHWAY MP 1032.9 RHS  
NO SCALE  
■ TEST PIT

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 85

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1033.3 KP        Highway Name: Alaska Access       

Tenure: Plan Yes  No  Current Status:       

STOCKPILE SITE TYPE HISTORY

Date:        Amount:        Cu. Yds.

Description:        Tree Cover:       

Material:        Deposit:       

Past Use:        Date:       

Performance Rating:        Amount Used:       

Remarks:       

TEST SUMMARY

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

Date: July/69 Sites Sampled: 1 Pit

Depth	Max.	Min.	Average
Overburden		1'	
Material		4'	

Quantity: (CuYds) Estimated        Proven       

Remarks: No sample.

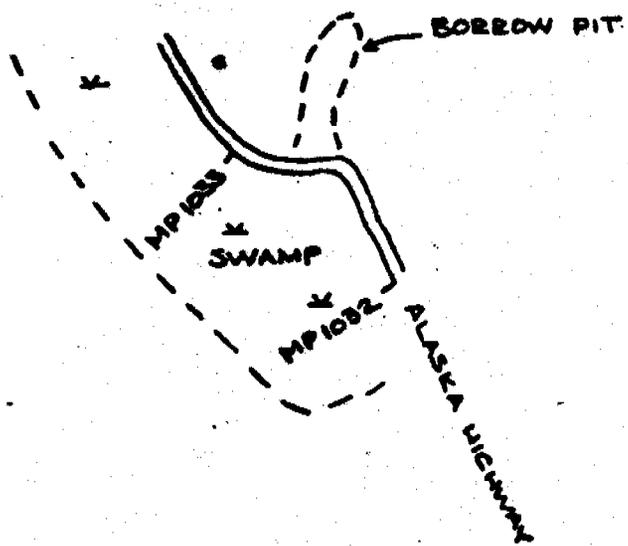
LAB. TEST RESULTS Los Angeles Abrasion % Loss:        Crush Count:       

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: DPW Materials Inventory; Alaska Highway Technical Data



SITE NO 85  
KLUANE R.M.A.  
TEST AREA  
ALASKA HIGHWAY MP 1033.3 RHS  
NO SCALE  
● TEST SITE

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 86

Location: Highway No: 1 Side  R  L Distance: Adiacen  
 MP 1033.6 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE** Date:          Amount:          Cu

**SITE** Description: Gentle Slope Tree Cover: Mod. Spruce,

**TYPE** Material: Clay Deposit:         

**HISTORY** Past Use: Borrow Date:           
 Performance Rating:          Amount Used:           
 Remarks:         

**TEST SUMMARY** Augered  Pitted  Trenched  Not Indicated   
 Lab. Test  Sketch (Plan)  Crushed:

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: Kluane Borrow or Test Site No: 87

Location: Highway No: 1 Side R  L  Distance: 0.1 mi  
 MP 1034.0 KP      Highway Name:      Access None

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle Knoll Tree Cover: Light Spruce, Alder

Material: Clay Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: July/69 Sites Sampled:     

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		1'	
Material		2'	

Quantity (CuYds) Estimated      Proven     

Remarks: No sample.

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:      Crush Count:     

Other Tests:     

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

Potential Conflicts

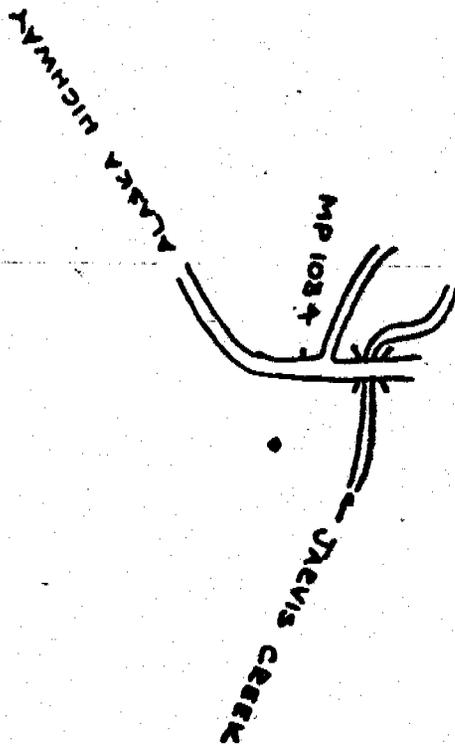
Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

SITE NO 87  
KLUANE R.M.A.  
TEST AREA  
ALASKA HIGHWAY MP 1034.0 R.H.S.  
NO SCALE  
N. TEST PT



**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 88

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1034.6 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE** Date:      Amount:      Cu.Yds.

**SITE** Description: Gentle Slope Tree Cover: Heavy Spruce, Pop

**TYPE** Material: Clay Deposit:     

**HISTORY** Past Use: Borrow Date:       
 Performance Rating:      Amount Used:       
 Remarks:     

**TEST SUMMARY** Augered  Pitted  Trenched  Not Indicated   
 Lab. Test  Sketch (Plan)  Crushed:

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: Kluane Borrow or Test Site No: 89

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1039.0 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds

Description:      Tree Cover:     

Material: Sandy Clay Deposit:     

Past Use:      Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: May/69 Sites Sampled: 1 Pit

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		Z Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
		100	98	94	92	86	75	25	20.8	5.3

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>90</u>
Location: <u>MP 1039.1</u> Highway No: <u>1</u> Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	Distance <u>Adjacent</u>
KP <u>          </u> Highway Name: <u>Alaska</u>	Access <u>          </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>          </u>

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>          </u>	Amount: <u>          </u> Cu.Yds.
	Description: <u>          </u>	Tree Cover: <u>          </u>
	Material: <u>Sand</u>	Deposit: <u>          </u>
	Past Use: <u>          </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 checked="" type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>June/63</u>	Sites Sampled: <u>          </u>		
	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
			100	97	88	58	13	3	23.1	5.2

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

<b>REFERENCE:</b>	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 91

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1039.6 KP  Highway Name: Alaska Access None

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Mod. Spruce, Alder

Material: Clay, Gravel 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**

<b>R.H. Area:</b>	Kluane	<b>Borrow or Test Site No:</b>	92
<b>Location:</b>	<b>Highway No:</b> 1	<b>Side</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> 0.1 mi
MP 1039.7	KP <input type="checkbox"/>	<b>Highway Name:</b> Alaska	<b>Access:</b> Good
<b>Tenure:</b>	<b>Plan</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive - Now used as Garbage Dump	

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/>	<b>Cu.Yds.</b>
	<b>Description:</b> Flat	<b>Tree Cover:</b> Light Spruce, Alder	
	<b>Material:</b> Clay	<b>Deposit:</b> <input type="text"/>	
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>	
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>	
	<b>Remarks:</b> <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>	<b>Date:</b> <input type="text"/>	<b>Sites Sampled:</b> <input type="text"/>		
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<b>Quantity (CuYds) Estimated</b>		<b>Proven</b>	
<b>Remarks:</b> <input type="text"/>				

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

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

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

R.M. Area: Kluane Borrow or Test Site No: 93

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1040.3 KP          Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description: Small Knoll Tree Cover: Mod. Spruce, Alder

Material: Clay 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:         

Hole No.	Depth	% Passing Sieve Size								
		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>Kluane</u>		Borrow or Test Site No: <u>94</u>	
Location: <u>MP 1040.6</u>	Highway No: <u>1</u>	Side: R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>0.05 mi</u>
KP <u>        </u>	Highway Name: <u>Alaska</u>	Access: <u>None</u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/>	Cu. Yds.
	Description: <u>Knoll</u>	Tree Cover: <u>Mod. Spruce, Alder</u>	
	Material: <u>Clay</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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

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

R.H. Area: <u>Kluane</u>	Borrow or Test Site No: <u>95</u>
Location: <u>MP 1042.0</u> Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <input type="checkbox"/> Highway Name: <u>Alaska</u>	Access: <input type="checkbox"/>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <input type="text"/>	Amount: <input type="text"/>	Cu.Yds. <input type="text"/>
	Description: <u>Side Hill Cut</u>	Tree Cover: <u>Light Spruce</u>	
	Material: <u>Clay, Silt</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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

<b>REFERENCE:</b>	<input style="width:80%;" type="text"/>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 96

Location: Highway No: 1 Side R  L  Distance: 0.4 mi  
 MP 1042.5 KP      Highway Name: Alaska Access Fair

Tenure: Gravel Pit Reserve Appl. Current Status: Inactive  
 Plan Yes  No

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Steep Sidehill Tree Cover: Mod. Poplar, Spruce

Material: Sand, Gravel Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: June/63 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

Hole No.	Depth	% Passing Sieve Size								
		1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Crush			95	75	61	47	22	6	--	NP

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

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

**PHONE CALL**

Date 20/2/80 Time 1:10

To Vern

M. Sylvia Grant

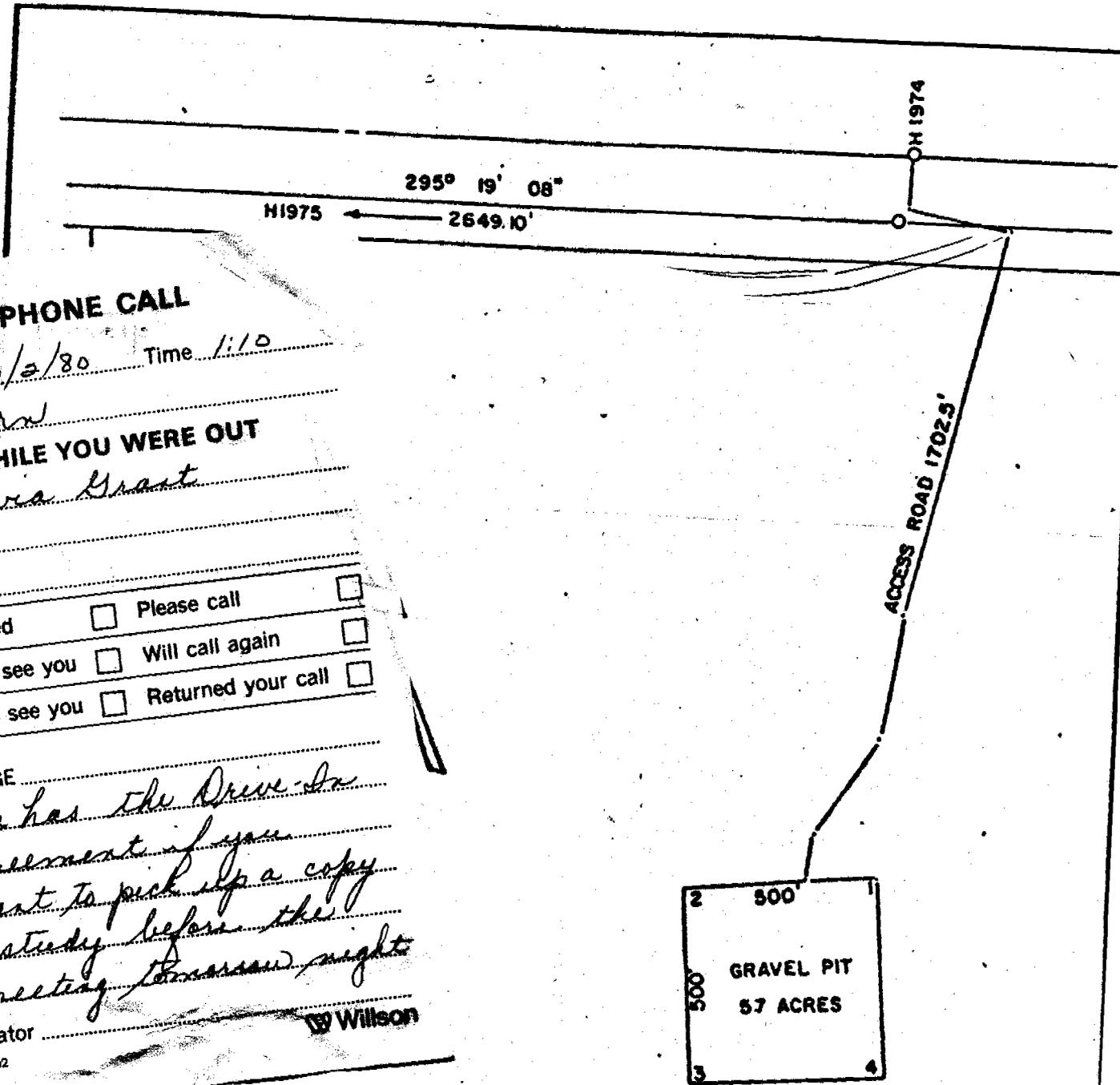
of \_\_\_\_\_  
Phone \_\_\_\_\_

- Telephoned  Please call  
 Called to see you  Will call again  
 Wants to see you  Returned your call

**MESSAGE**

*She has the Drive-In Agreement if you want to pick up a copy to study before the meeting tomorrow night*

Operator \_\_\_\_\_  
239-0002 



DEPARTMENT OF PUBLIC WORKS  
CONSTRUCTION & ENGINEERING  
PACIFIC REGION  
WHITEHORSE DISTRICT

Drawing title:  
Titre du dessin:  
**GRAVEL PIT RESERVE**  
scale:  
échelle: 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 1042.5**

designed by conçu par	date
drawn by dessiné par	MAY 1972
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg. no. dessin no.

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 1042.5**

Commencing at Legal Survey Monument H-1974 on a true bearing of 209 degrees 55 minutes for a distance of 135.7 feet; thence on a true bearing of 122 degrees 00 minutes for a distance of 266.1 feet; thence on a true bearing of 217 degrees 04 minutes for a distance of 995.5 feet; thence on a true bearing of 211 degrees 29 minutes for a distance of 321.2 feet; thence on a true bearing of 236 degrees 53 minutes for a distance of 279.7 feet; thence on a true bearing of 211 degrees 40 minutes for a distance of 106.1 feet; thence on a true bearing of 109 degrees 45 minutes for a distance of 182.4 feet to post #1; thence on a true bearing of 289 degrees 45 minutes for a distance of 500 feet to post #2; thence on a true bearing of 199 degrees 45 minutes for a distance of 500 feet to post #3; thence on a true bearing of 109 degrees 45 minutes for a distance of 500 feet to post #4; thence on a true bearing of 19 degrees 45 minutes for a distance of 500 feet to post #1; point of commencement.

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 97

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1043.0 KP            Highway Name: Alaska Access           

Tenure: Plan Yes  No  Current Status:           

STOCKPILE SITE TYPE HISTORY

Date:            Amount:            Cu. Yds.

Description:            Tree Cover:           

Material: Glacial till Deposit:           

Past Use:            Date:           

Performance Rating:            Amount Used:           

Remarks:           

TEST SUMMARY

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

Date: Oct/72 Sites Sampled: 12 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden	<u>2'</u>	<u>1'</u>	
Material	<u>13 1/2'</u>	<u>6'</u>	

Quantity: (CuYds) Estimated            Proven           

Remarks: Permafrost in some pits. Potential surface material crusher site.

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
Pitrun-Av.	3 Pits	82	76	69	63	58	48	33	19	3
Pitrun-Av.	6 Pits	100	95	91	87	84	75	62	21	4
	- sand, clay & silt									

Potential Conflicts

Environmental:           

Land Use:           

REFERENCE:

DPW Materials Inventory; Alaska, Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>98</u>
Location: <u>MP 1046.0</u> Highway No: <u>1</u> Side <u>R</u> <input checked="" type="checkbox"/> <u>L</u> <input type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>          </u> Highway Name: <u>Alaska</u>	Access <u>          </u>
Tenure: <u>Plan</u> Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>          </u>

STOCKPILE SITE TYPE HISTORY	Date: <u>          </u>	Amount: <u>          </u> Cu.Yds.
	Description: <u>          </u>	Tree Cover: <u>          </u>
	Material: <u>          </u>	Deposit: <u>          </u>
	Past Use: <u>          </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 checked="" type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
	Date: <u>July/64</u>	Sites Sampled: <u>          </u>		
SUBSURFACE TEST RESULTS	Depth	Max.	Min.	Average
	Overburden	<u>          </u>	<u>          </u>	<u>          </u>
	Material	<u>          </u>	<u>          </u>	<u>          </u>
	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		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
426			96	86	81	73	60	47	19.9	3.3

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: HAINE'S JUNCTION Borrow or Test Site No: 98.1

Location: Highway No: π1 Side  R  L Distance: ADJACENT  
 MP 1046.1 KP          Highway Name: ALASKA HWY Access: GOOD

Tenure: Plan Yes  No  Current Status: ACTIVE

STOCKPILE SITE TYPE HISTORY

Date: 21/NOV/77 Amount:          Cu. Yds

Description: LEVEL Tree Cover: NIK

Material: GRAVEL Deposit:         

Past Use: STOCKPILING Date: MARCH 29, 1977

Performance Rating:          Amount Used: 12,000 CU. YDS

Remarks: GOVERNMENT PIT (22.9 ACRES)

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:         

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

Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

QUARRY PERMIT 77/39  
HAND USE PERMIT YA7H007

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 99

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1046.1 KP            Highway Name: Alaska Access None

Tenure: Gravel Pit Reserve Current Status: Inactive  
 Plan Yes  No

STOCKPILE SITE TYPE HISTORY

Date:                      Amount:                      Cu.Yds.

Description: Gentle Slope Tree Cover: Mod. Spruce, Alder

Material: Gravel 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

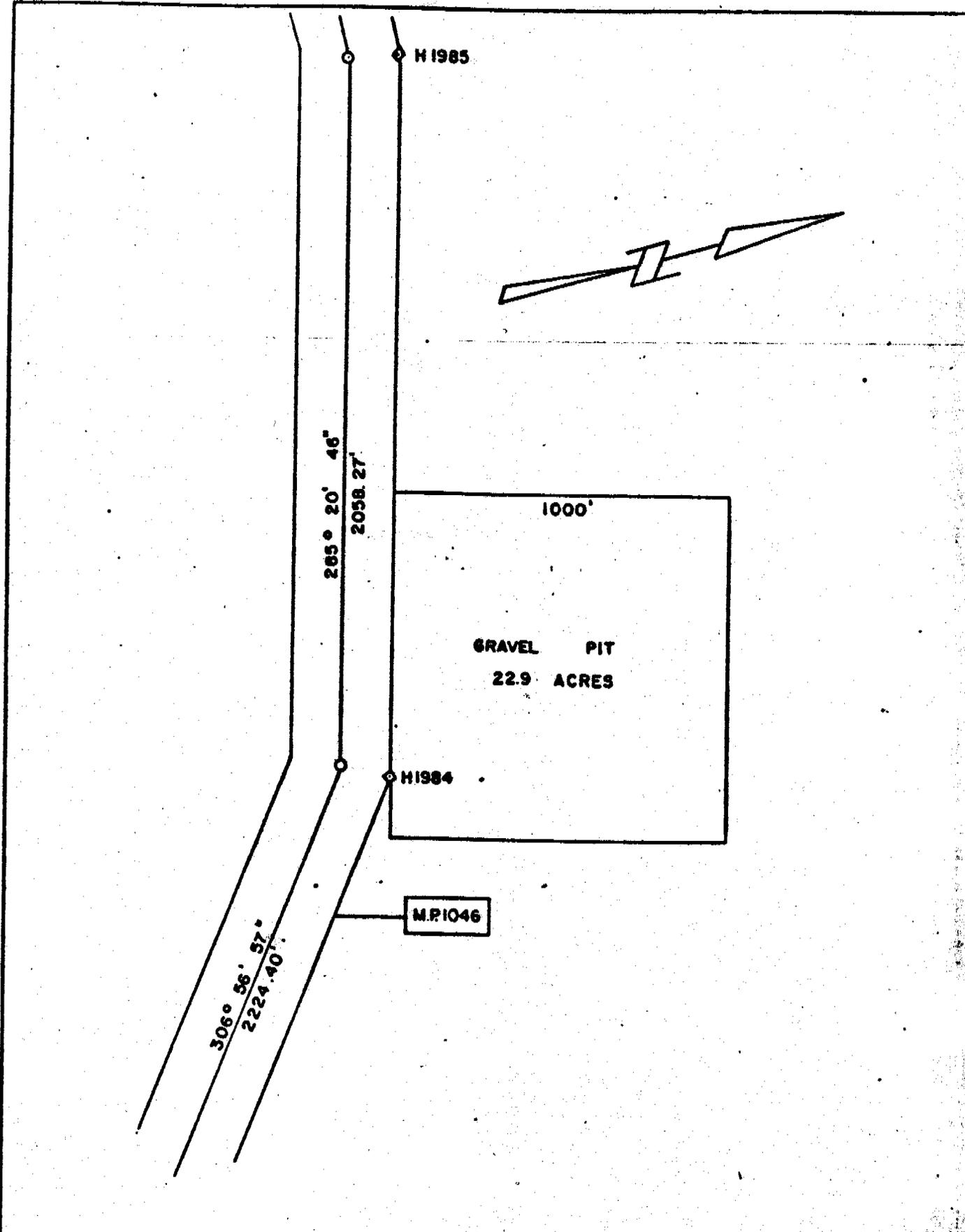
Potential Conflicts

Environmental:                     

Land Use:                     

REFERENCE:

DPW Legal File  
Federal Lands Office



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
**GRAVEL PIT RESERVE**

scale:  
 échelle: 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 1046.1**

designed by conçu par	date
drawn by dessiné par	MAY 1972
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg. no. dessin no.

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 100

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1046.6 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description:      Tree Cover:     

Material: Gravel Deposit:     

Past Use:      Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: Nov/71 Sites Sampled: 1 Pit

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		0'	
Material		9'	

Quantity (CuYds) Estimated      Proven     

Remarks:     

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:      Crush Count:     

Other Tests:     

Grain Size Analysis		Z Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Pitrun		75	68	59	54	50	40	25	14.8	NP

Potential Conflicts

Environmental:       
 Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>101</u>	
Location: MP <u>1046.7</u>	Highway No: <u>1</u>	Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	Distance: <u>Adjacent</u>
KP <u>      </u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Active</u>	

<b>STOCKPILE SITE TYPE HISTORY</b>	Date: <u>May/77</u>	Crush Amount: <u>+ 250</u> Cu.Yds.
	Description: <u>Flat - Gently Sloping</u>	Tree Cover: <u>      </u>
	Material: <u>Glacial Till</u>	Deposit: <u>      </u>
	Past Use: <u>Borrow - Surfacing Material</u>	Date: <u>      </u>
	Performance Rating: <u>fair</u>	Amount Used: <u>      </u>
Remarks: <u>      </u>		

<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input checked="" type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>Nov/71</u>		Sites Sampled: <u>25 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>0'</u>		
	Material	<u>9'</u>		
Quantity: (CuYds) Estimated		Proven		
Remarks: Petrographic Analysis: Granite - 50%; Limestone - 25%; Quartzite - 15%; Gabbro - 10%				

<b>LAB. TEST RESULTS</b>	Los Angeles Abrasion % Loss: <u>      </u>	Crush Count: <u>      </u>
Other Tests:	<u>      </u>	

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
Labcrush	3/4"-Av. 6 Pits	100	99	83	74	70	58	44	20	4
Pitrun-Av.	14 Pits	93	82	77	71	67	57	43		
Labcrush-Av.	4 Pits		99	84	75	69	58	44		

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

<b>REFERENCE:</b>	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>102</u>
Location: Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
MP <u>1046.8</u> KP <input type="checkbox"/> Highway Name: <u>Alaska</u>	Access: <input type="checkbox"/>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <input type="checkbox"/>

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/>	Cu.Yds. <input type="text"/>
	Description: <input type="text"/>	Tree Cover: <input type="text"/>	
	Material: <input type="text"/>	Deposit: <input type="text"/>	
	Past Use: <input type="text"/>	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 checked="" type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<input type="text"/>
	Date: <u>May/66</u>	Sites Sampled: <input type="text"/>		
SUBSURFACE TEST RESULTS	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
		100	98	84	75	58	57	42	18.8	3.0

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data
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**YUKON GRAVEL INVENTORY**

R.M. Area: Yluane Borrow or Test Site No: 103

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1047.5 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status:         

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description:          Tree Cover:         

Material: Clay Deposit:         

Past Use:          Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date:          Sites Sampled: 3 pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		0'	
Material		18'	

Quantity: (CuYds) Estimated          Proven         

Remarks: Permafrost in gully.

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
Roadcut								> 75	44	17
1	2'-18'							94	34	11
2	3'-18'							94	22	2
2	8'-15'							98	31	8
3	5'							95	35	11

Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 104

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1048.2 KP        Highway Name: Alaska Access       

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:        Amount:        Cu.Yds.

Description: Moderate Slope Tree Cover: Mod. Poplar

Material: Gravel 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**

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 105
<b>Location:</b> Highway No: 1	<b>Side:</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>
<b>MP:</b> 1050.0	<b>Distance:</b> Adjacent
<b>KP:</b> Highway Name: Alaska	<b>Access:</b> POE
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> _____	<b>Amount:</b> _____ <b>Cu. Yds.</b>
	<b>Description:</b> Gentle Slope	<b>Tree Cover:</b> Mod. Alder, Spruce
	<b>Material:</b> Silty Sand & Gravel	<b>Deposit:</b> _____
	<b>Past Use:</b> Borrow	<b>Date:</b> _____
	<b>Performance Rating:</b> _____	<b>Amount Used:</b> _____
<b>Remarks:</b> _____		

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

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> _____	<b>Crush Count:</b> _____
<b>Other Tests:</b>	_____	

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

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

<b>REFERENCE:</b>	_____
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**YUKON GRAVEL INVENTORY**

R.H. Area: <u>Kluane</u>	Borrow or Test Site No: <u>106</u>
Location: <u>MP 1051.2 &amp; 3 KP</u> Highway No: <u>1</u> Side <input checked="" type="checkbox"/> R <input checked="" type="checkbox"/> L <input type="checkbox"/> Distance: <u>Adjacent</u>	Highway Name: <u>Alaska</u> Access: <u></u>
Tenure: Gravel Pit Reserve Appl. Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Current Status: <u>Not Developed.</u>	

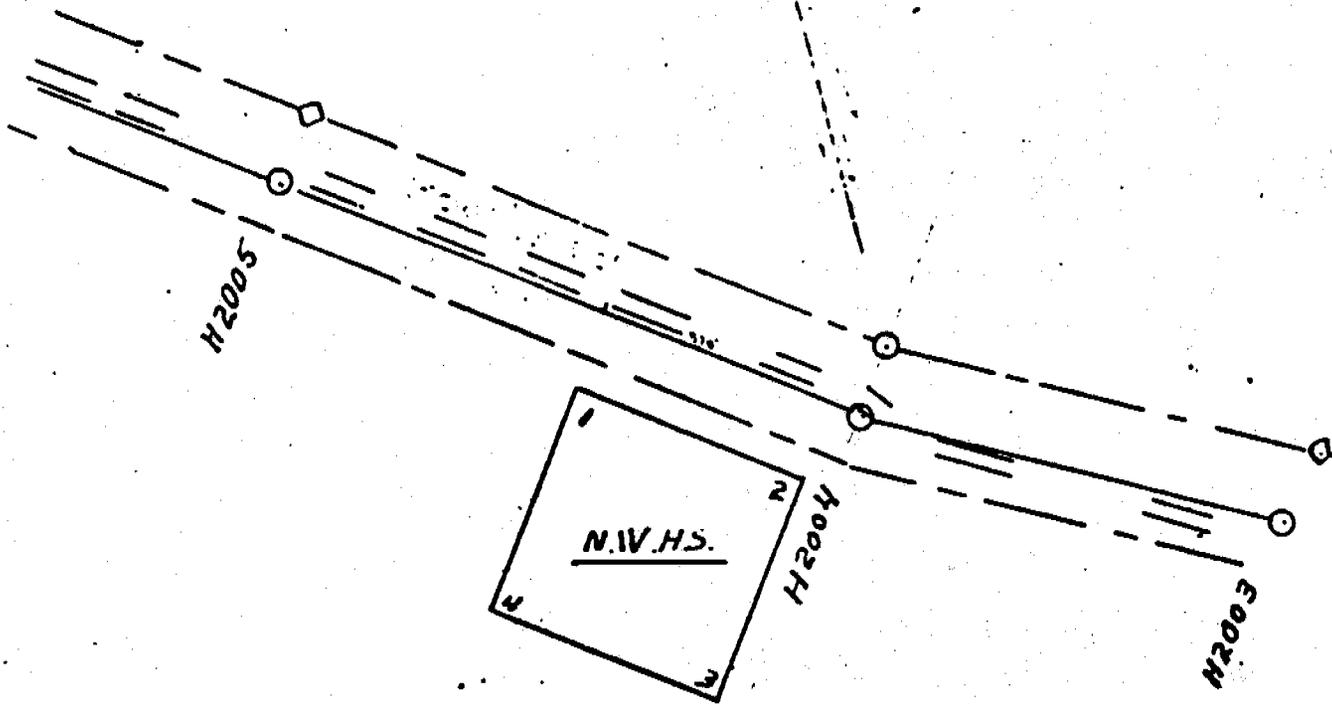
STOCKPILE SITE TYPE HISTORY	Date: <u></u> Amount: <u></u> Cu.Yds.
	Description: <u></u> Tree Cover: <u></u>
	Material: <u></u> Deposit: <u></u>
	Past Use: <u></u> Date: <u></u>
	Performance Rating: <u></u> Amount Used: <u></u>
	Remarks: <u></u>

TEST SUMMARY	Augered <input type="checkbox"/> Pitted <input type="checkbox"/> Trenched <input type="checkbox"/> Not Indicated <input checked="" type="checkbox"/>												
	Lab. Test <input checked="" type="checkbox"/> Sketch (Plan) <input type="checkbox"/> Crushed: <input type="checkbox"/>												
	Date: <u>May/66</u> Sites Sampled: <u></u>												
SUBSURFACE TEST RESULTS	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">Depth</th> <th style="width:20%;">Max.</th> <th style="width:20%;">Min.</th> <th style="width:20%;">Average</th> </tr> </thead> <tbody> <tr> <td>Overburden</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Depth	Max.	Min.	Average	Overburden				Material			
	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
<u>RHS</u>		<u>100</u>	<u>94</u>	<u>66</u>	<u>53</u>	<u>41</u>	<u>23</u>	<u>11</u>	<u>--</u>	<u>0.0</u>

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data; DPW Legal File; Federal Lands Office</u>
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VICINITY MILE 1051

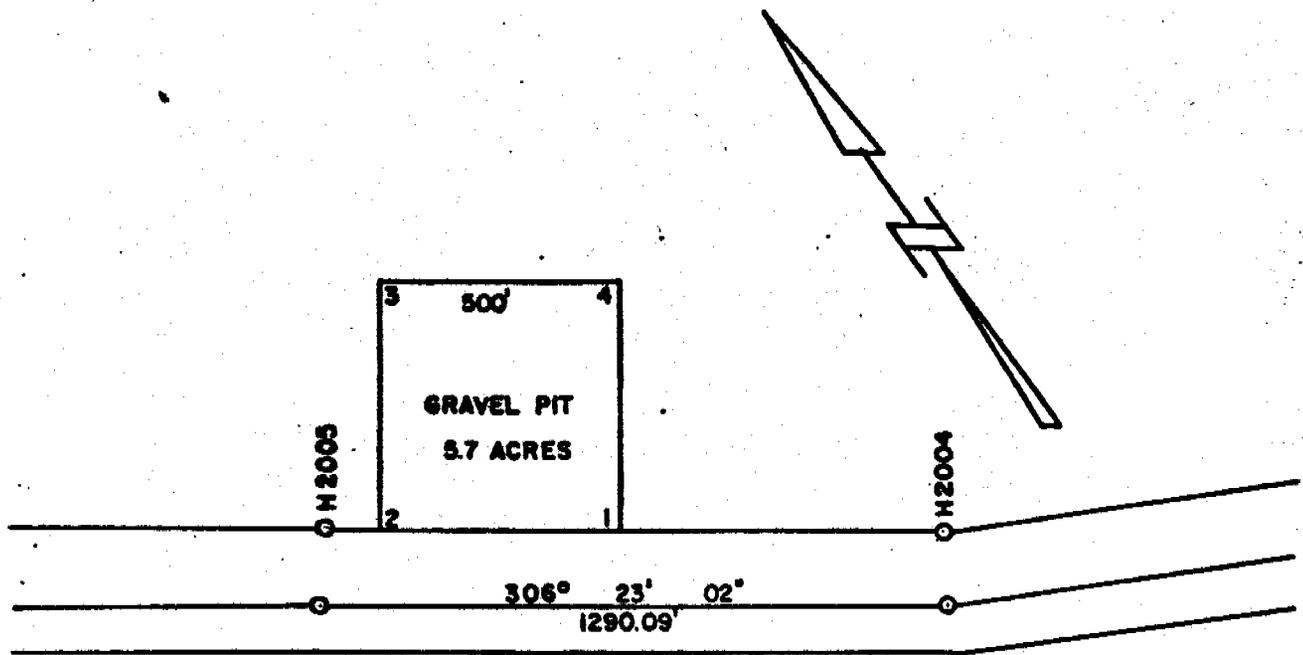
Scale 1" = 400'

Nov 30, 1954

R. J. D.

GRAVEL PIT MILE 1051.2

Commencing at Legal Survey Monument H-2004 on a true bearing of 306 degrees 23 minutes for a distance of 570 feet; thence on a true bearing of 216 degrees 23 minutes for a distance of 300 feet to post #1; thence on a true bearing of 126 degrees 23 minutes for a distance of 500 feet to post #2; thence on a true bearing of 216 degrees 23 minutes for a distance of 500 feet to post #3; thence on a true bearing of 306 degrees 23 minutes for a distance of 500 feet to post #4; thence on a true bearing of 36 degrees 23 minutes for a distance of 500 feet to post #1 point of commencement.



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:

GRAVEL PIT RESERVE

scale  
 échelle 1" = 400'

ALASKA HIGHWAY  
 M.P. 1051.3

designed by  
 conçu par

date

drawn by  
 dessiné par

MAY 1972

reviewed by  
 examiné par

approved by  
 approuvé par

project no.  
 no. du projet

dwg no.  
 dessin no.

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 1051.3**

Commencing at Legal Survey Monument H-2005 on a true bearing of 126 degrees 23 minutes for a distance of 600 feet to post #1; thence on a true bearing of 306 degrees 23 minutes for a distance of 500 feet to post #2; thence on a true bearing of 36 degrees 23 minutes for a distance of 500 feet to post #3; thence on a true bearing of 126 degrees 23 minutes for a distance of 500 feet to post #4; thence on a true bearing of 216 degrees 23 minutes for a distance of 500 feet to post #1 point of commencement.

**NOTE:**

Lines cut and surveyed

June 1954

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 107

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1051.6 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date: May/77 Crush Amount: + 50 Cu.Yds

Description: Gentle Slope Tree Cover: Mod. Spruce

Material: Gravel-Sand Mixture Deposit:         

Past Use: Borrow - Crusher Site Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date: 1971 Sites Sampled: 7 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated          Proven         

Remarks: Needs additional clay binder for surfacing material.

LAB. TEST RESULTS

Los Angeles Abrasion % Loss:          Crush Count:         

Other Tests: Petrographic Analysis - Limestone - 20%; Granite - 50%; Shale - 5%; Caçite; Quartzite - 10%; 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
Pitrun-Av.	3 Pits	89	76	53	43	26	15	3	--	0
Crush-3/4"	Av. 2 Pits	100	96	56	46	31	10	3	--	0

Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 108

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1052.1 KP  Highway Name: Alaska (Old Section) Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu. Yds.

Description: Gently Sloping Tree Cover: Mod. Spruce

Material: Gravel 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: Kluane Borrow or Test Site No: 109

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1052.5 KP  Highway Name: Alaska (Old Section) Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Mod. Spruce, Alder

Material: Gravel 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: Kluane Borrow or Test Site No: 110

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1052.8 KP      Highway Name: Alaska (Old Section) Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Light Spruce

Material: Gravel 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**

<b>R.H. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 111
<b>Location:</b> Highway No: 1 Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	<b>Distance:</b> Adjacent
MP 1053.1 KP Highway Name: Alaska (Old Section)	<b>Access:</b>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b>	<b>Amount:</b> Cu.Yds.
	<b>Description:</b> Flat	<b>Tree Cover:</b> Mod. Spruce
	<b>Material:</b> Gravel	<b>Deposit:</b>
	<b>Past Use:</b> Borrow	<b>Date:</b>
	<b>Performance Rating:</b>	<b>Amount Used:</b>
	<b>Remarks:</b>	

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

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

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

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

<b>R.M. Area:</b> Klwane	<b>Borrow or Test Site No:</b> 112
<b>Location:</b> Highway No: 1	<b>Side:</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>
<b>MP:</b> 1053.4 <b>KP:</b> _____	<b>Distance:</b> Adjacent
<b>Highway Name:</b> Alaska	<b>Access:</b> Good
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> _____	<b>Amount:</b> _____ <b>Cu. Yds.</b>
	<b>Description:</b> Steep Sidehill	<b>Tree Cover:</b> Open
	<b>Material:</b> Gravel	<b>Deposit:</b> _____
	<b>Past Use:</b> Borrow	<b>Date:</b> _____
	<b>Performance Rating:</b> _____	<b>Amount Used:</b> _____
	<b>Remarks:</b> _____	

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

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> _____	<b>Crush Count:</b> _____
<b>Other Tests:</b>	_____	

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

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

<b>REFERENCE:</b>	_____
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**YUKON GRAVEL INVENTORY**

<b>R.H. Area.</b> Kluane	<b>Borrow or Test Site No:</b> 113
<b>Location:</b> Highway No: <input type="text" value="1"/> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	<b>Distance:</b> <input type="text" value="On Road"/>
MP <input type="text" value="1053.9"/> KP <input type="text"/> Highway Name: <input type="text" value="Alaska"/>	<b>Access:</b> <input type="text"/>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> <u>Inactive</u>

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

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

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

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

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

R.H. Area: Kluane Borrow or Test Site No: 114

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1054.7 KP  Highway Name: Alaska (Old Section) Access

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:  Amount:  Cu.Yds.

Description: Flat Tree Cover: Mod. Alder, Spru

Material: Clay 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>Kluane</u>	Borrow or Test Site No: <u>115</u>
Location: Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/> Distance: <u>0.2 mi</u>	MP <u>1054.9</u> KP <input type="checkbox"/> Highway Name: <u>Alaska (New Section)</u> Access: <u>None</u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Thick Spruce</u>
	Material: <u>Gravel</u>	Deposit: <input type="text"/>
	Past Use: <u>Borrow - Reconstruction</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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

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

<b>R.M. Area:</b> <input type="text" value="Kluane"/>	<b>Borrow or Test Site No:</b> <input type="text" value="116"/>
<b>Location:</b> Highway No: <input type="text" value="1"/> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	<b>Distance:</b> <input type="text" value="0.2 mi"/>
MP <input type="text" value="1055.3"/> KP <input type="text"/> Highway Name: <input type="text" value="Alaska (New Section)"/>	<b>Access:</b> <input type="text" value="None"/>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> <input type="text" value="Inactive"/>

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/>	<b>Cu. Yds.</b>
	<b>Description:</b> <input type="text" value="Flat"/>	<b>Tree Cover:</b> <input type="text" value="Thick Spruce"/>	
	<b>Material:</b> <input type="text" value="Gravel"/>	<b>Deposit:</b> <input type="text"/>	
	<b>Past Use:</b> <input type="text" value="Borrow - Reconstruction"/>	<b>Date:</b> <input type="text"/>	
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>	
<b>Remarks:</b> <input type="text"/>			

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

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

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

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

R.M. Area: Kluane Borrow or Test Site No: 117

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1055.8 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle Sidehill Tree Cover: Heavy Spruce

Material: Gravel 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:     

Hole No.	Depth	% Passing Sieve Size								
		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: Kluane Borrow or Test Site No: 118

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1058.1 KP  Highway Name: Alaska Access

Tenure: Gravel Pit Reserve Appl. Current Status: Inactive  
 Plan Yes  No

**STOCKPILE SITE TYPE HISTORY**

Date:  Amount:  Cu.Yds.

Description: Flat Lakeshore Tree Cover: Open

Material: Sand 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:

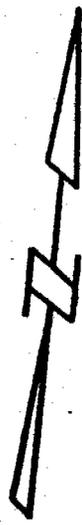
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

**Potential Conflicts**

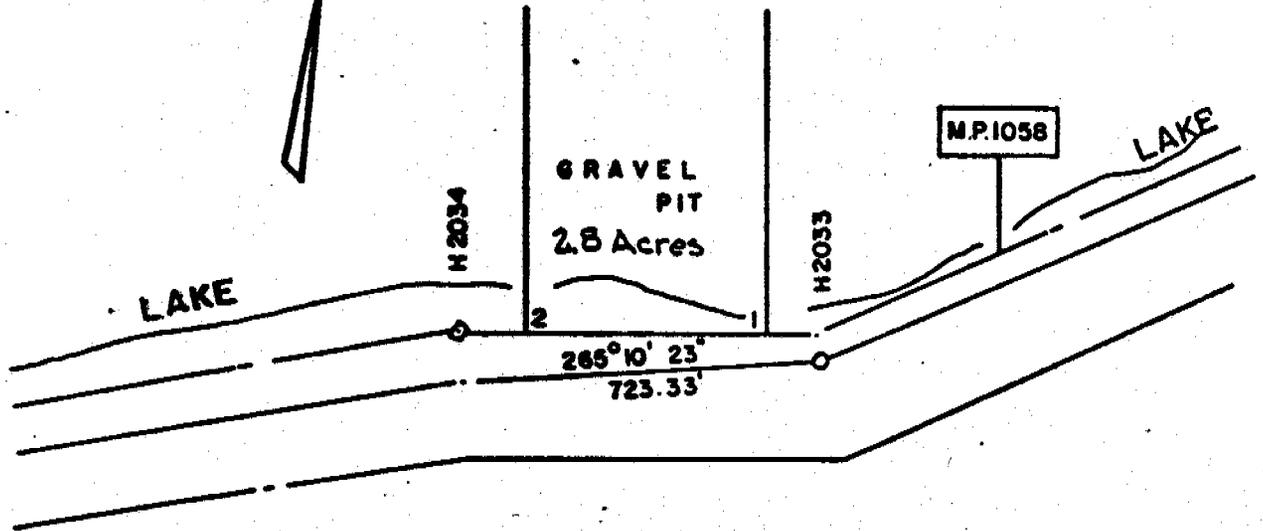
Environmental:   
 Land Use:

**REFERENCE:**

DPW Legal File  
 Federal Lands Office



NOTE  
POSTS 3 & 4 IN LAKE



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:

GRAVEL PIT RESERVE

scale:  
 échelle: 1" = 400'

ALASKA HIGHWAY  
 M. P. 1058.1

designed by  
 conçu par

6014

drawn by  
 dessiné par

MAY 1972

reviewed by  
 examiné par

approved by  
 approuvé par

project no.  
 no. du projet

dwg no.  
 dessin no.

**YUKON GRAVEL INVENTORY**

R.M. Area	Kluane	Borrow or Test Site No: 119
Location: MP 1039	Highway No: 1 KP Highway Name: Alaska	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/> Distance: Adjacent Access
Tenure: Rock Quarry Reserve Appl. Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Current Status: Inactive

STOCKPILE SITE TYPE HISTORY	Date:	Amount:	Cu.Yds.	
	Description:	Flat Below Rock Cliff	Tree Cover:	Thick Spruce
	Material:	Gravel	Deposit:	
	Past Use:	Borrow - Access for Quarry	Date:	
	Performance Rating:		Amount Used:	
Remarks:				

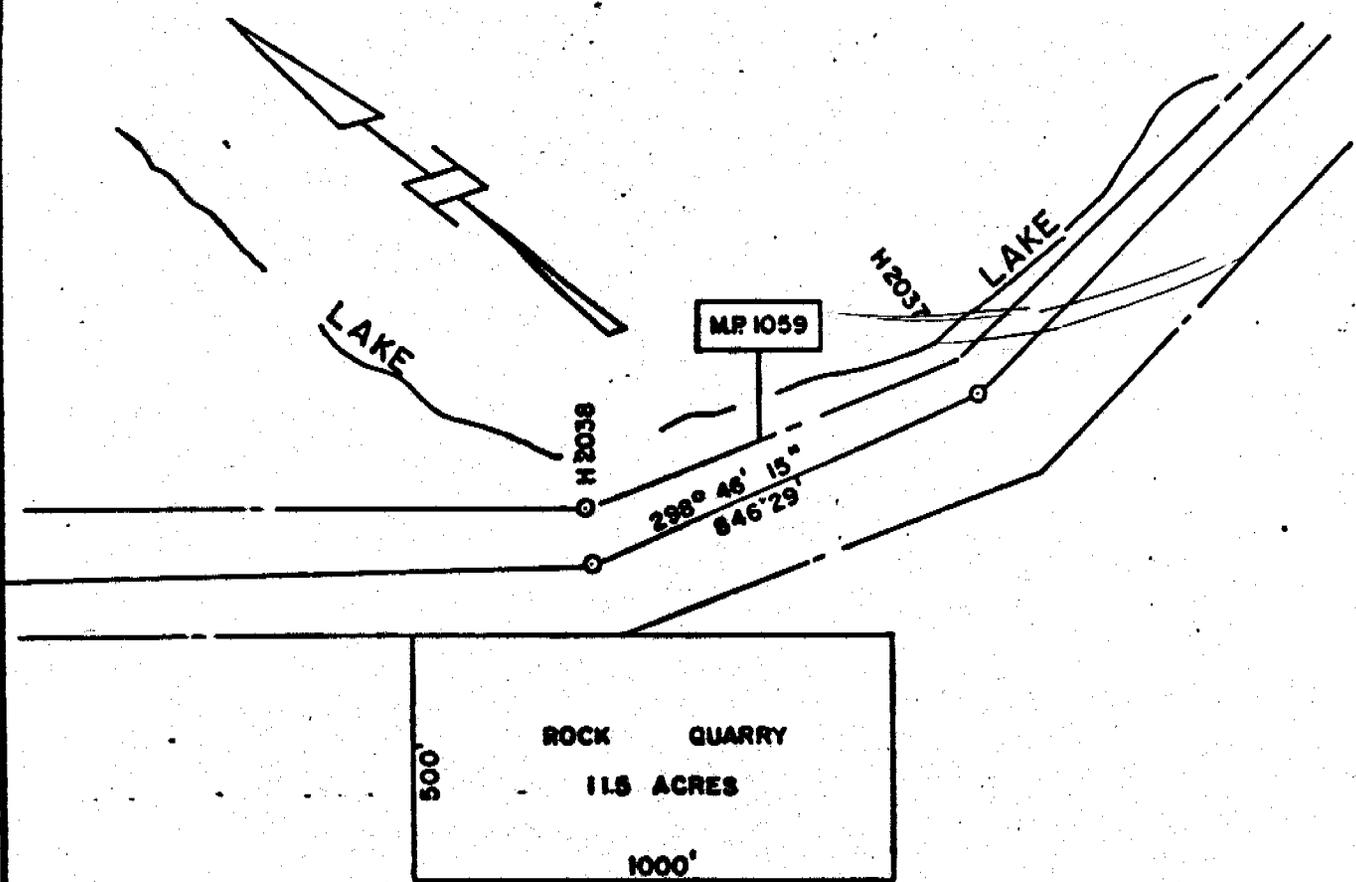
TEST SUMMARY	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	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:	DPW Legal File Federal Lands Office
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 <p>DEPARTMENT OF PUBLIC WORKS CONSTRUCTION &amp; ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT</p>	Drawing title: Titre du dessin:		designed by conçu par		date
	ROCK QUARRY RESERVE		drawn by dessiné par		MAY 1972
	scale échelle: 1" = 400'		reviewed by examiné par		
	ALASKA HIGHWAY M.P. 1059		approved by approuvé par		
		project no. no. du projet	dwg no. dessin no.		

**LEGAL DESCRIPTION**

**ROCK QUARRY MILE 1059**

Commencing at Legal Survey Monument H-2038 on a true bearing of 322 degrees 42 minutes for a distance of 350 feet; thence on a true bearing of 232 degrees 42 minutes for a distance of 300 feet to post #1; thence on a true bearing of 142 degrees 42 minutes for a distance of 1000 feet to post #2; thence on a true bearing of 232 degrees 42 minutes for a distance of 500 feet to post #3; thence on a true bearing of 322 degrees 42 minutes for a distance of 1000 feet to post #4; thence on a true bearing of 52 degrees 42 minutes for a distance of 500 feet to post #1 point of commencement.

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 120

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1061.0 KP  Highway Name: Alaska Access

Tenure: Gravel Pit Reserve Appl. Current Status: Inactive - Highway Rest Stop  
 Plan Yes  No

STOCKPILE: Date:  Amount:  Cu.Yds.

SITE: Description: Steep Sidehill Tree Cover: Mod. Spruce

TYPE: Material: Gravel Deposit:

HISTORY: Past Use: Borrow - Surfacing Date: 1967  
 Performance Rating: Poor Amount Used:   
 Remarks:

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

Date: June/63 Sites Sampled: 3 Pits

SUBSURFACE TEST RESULTS:

Depth	Max.	Min.	Average
Overburden	<u>1'</u>	<u>0'</u>	
Material	<u>16'</u>	<u>15'</u>	

Quantity (CuYds) Estimated  Proven

Remarks: Very coarse angular material

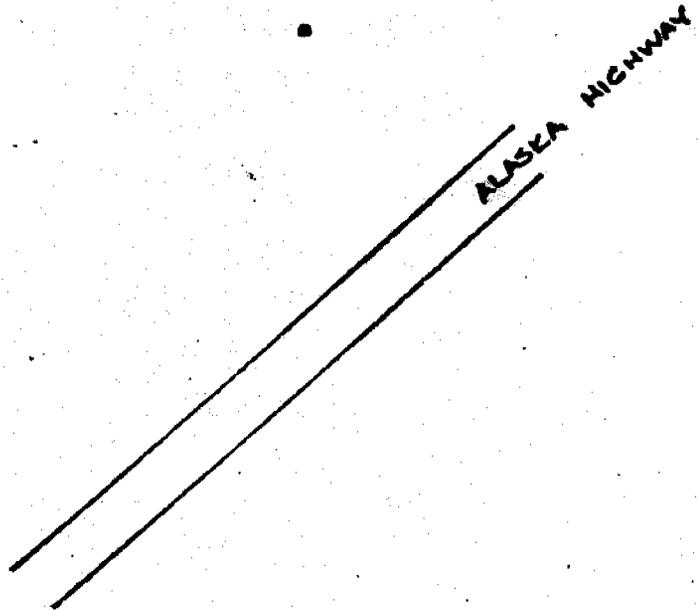
LAB. TEST RESULTS: Los Angeles Abrasion % Loss:  Crush Count:

Other Tests: Petrographic Analysis: Quartzite - 50%; Phyllite - 30%; Limestone - 10%; 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
<u>Pitrun-Av.</u>	<u>3 Pits</u>	<u>81</u>	<u>67</u>	<u>47</u>	<u>38</u>	<u>29</u>	<u>21</u>	<u>15</u>	<u>25</u>	<u>2</u>
<u>Crush-3/4"</u>	<u>Av. 3 Pits</u>	<u>100</u>	<u>92</u>	<u>58</u>	<u>39</u>	<u>27</u>	<u>18</u>	<u>13</u>	<u>25</u>	<u>2</u>

Potential Conflicts: Environmental:   
 Land Use:

REFERENCE: DPW Materials Inventory; Alaska Highway Technical Data  
DPW Local File  
Federal Lands Office



SITE NO 120.

KLUANE R.M.A.

TEST AREA

ALASKA HIGHWAY MP 10610 LHS

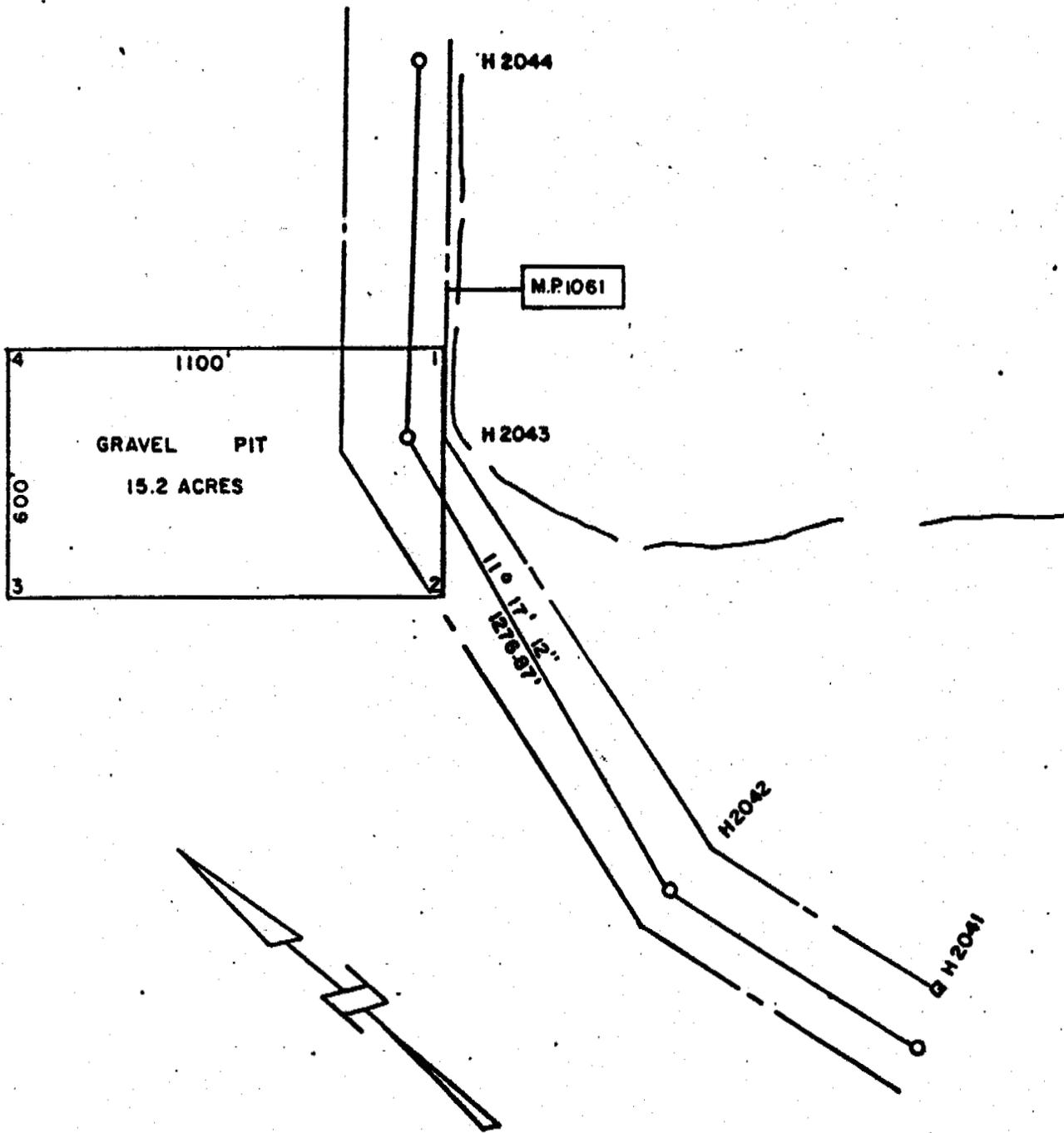
1 IN = 200 FT

■ TEST PIT

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 1060.9**

Commencing at Legal Survey Monument H-2043 on a true bearing of 45 degrees 53 minutes for a distance of 200 feet to post #1; thence on a true bearing of 225 degrees 53 minutes for a distance of 600 feet to post #2; thence on a true bearing of 315 degrees 53 minutes for a distance of 1100 feet to post #3; thence on a true bearing of 45 degrees 53 minutes for a distance of 600 feet to post #4; thence on a true bearing of 135 degrees 53 minutes for a distance of 1100 feet to post #1 point of commencement.



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:

GRAVEL PIT RESERVE

scale:  
 échelle: 1" = 400'

ALASKA HIGHWAY  
 M.P. 1060.9

designed by  
 conçu par

drawn by  
 dessiné par

reviewed by  
 examiné par

approved by  
 approuvé par

project no.  
 no. du projet

dwg no.  
 dessin no.

MAY 1972

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 121

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1061.7 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Active

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Steep Sidehill Tree Cover: Thick Spruce

Material: Gravel Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: Oct/61 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							LL	PI
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200		
Pitrun		91	73	67	58	45	17	7	--	--

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 122

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1062.5 KP            Highway Name: Alaska Access           

Tenure: Gravel Pit Reserve Appl. Current Status: Active  
 Plan Yes  No

STOCKPILE Date:            Amount:            Cu.Yds.

SITE Description: Steep Rockface Tree Cover:           

TYPE Material: Outcrop Deposit:           

HISTORY 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:           

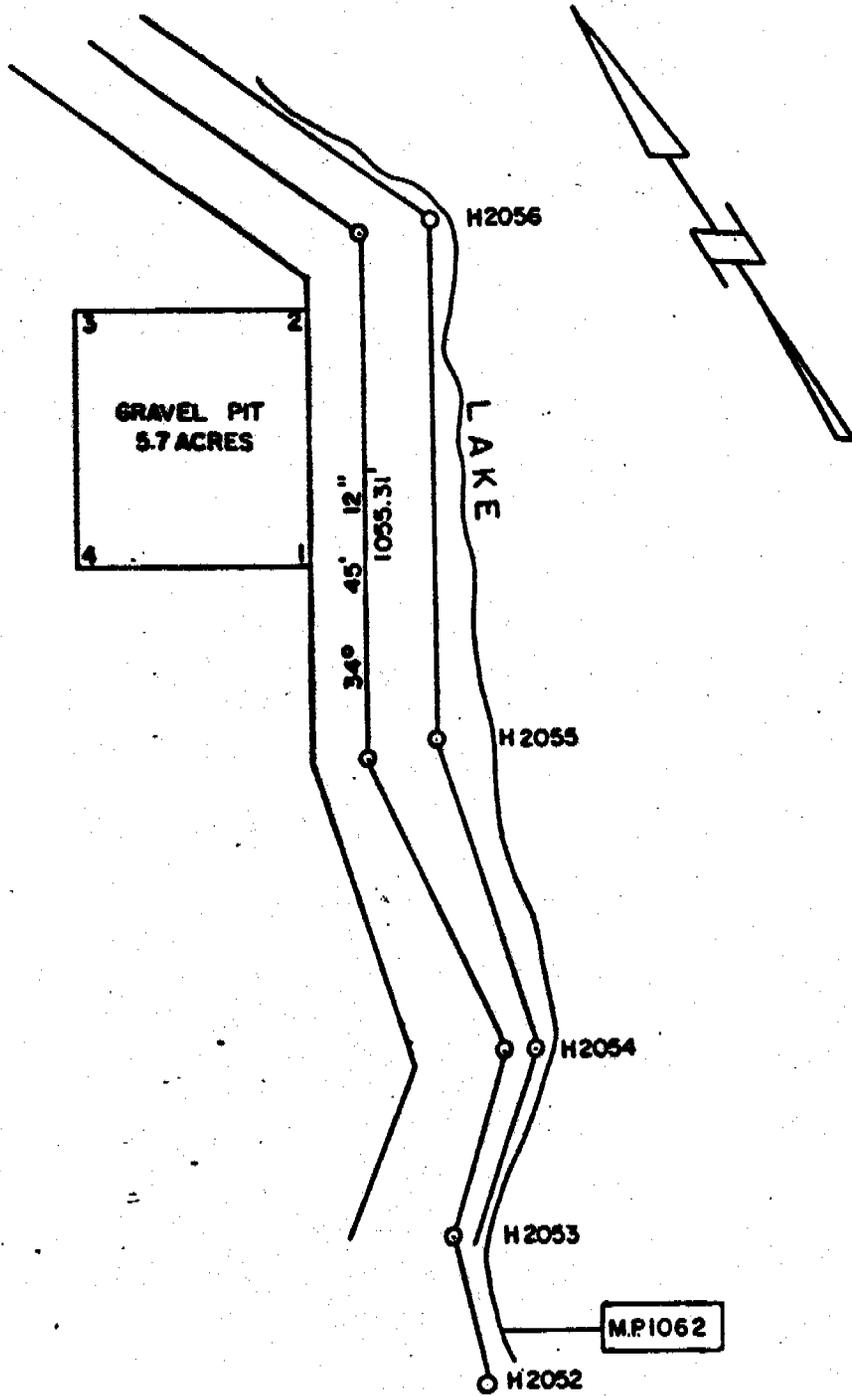
Other Tests:           

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:

DPW Legal File  
 Federal Lands Office




 DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title  
 Titre du dessin  
**ROCK PIT RESERVE**  
 scale  
 échelle 1" = 400'  
**ALASKA HIGHWAY**  
**M.P. 1062.5**

designed by conçu par	date MAY 1972
drawn by dessiné par	
reviewed by examiné par	
approved by approuvé par	
Project no. no. du projet	dwg no. dessin no.

**LEGAL DESCRIPTION**

**ROCK PIT MILE 1062.5**

Commencing at Legal Survey Monument H-2055 on a true bearing of 304 degrees 45 minutes for a distance of 300 feet; thence on a true bearing of 34 degrees 45 minutes for a distance of 400 feet to post #1; thence on a true bearing of 34 degrees 45 minutes for 500 feet to post #2; thence on a true bearing of 304 degrees 45 minutes for a distance of 500 feet to post #3; thence on a true bearing of 214 degrees 45 minutes for a distance of 500 feet to post #4; thence on a true bearing of 124 degrees 45 minutes for a distance of 500 feet to post #1 point of commencement.

**NOTE:**

Lines cut and surveyed

June 1954

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 123

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1064.0 KP      Highway Name: Alaska Access: Good

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Mod. Sidehill Tree Cover: Thick Spruce

Material: Sand, Clay and Silt Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: Oct/71 Sites Sampled: 4 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		0'	
Material	10'	8'	

Quantity: (CuYds) Estimated      Proven     

Remarks: Very little clay binder left in pit.

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
Pitrun-Av.	4 Pits	100	93	87	82	76	66	56	22	4

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data



**YUKON GRAVEL INVENTORY**

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>125</u>	
Location: MP <u>1066.6</u>	Highway No: <u>1</u>	Side R <input checked="" type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>        </u>	Highway Name: <u>Alaska</u>	Access <u>        </u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>        </u>	Amount: <u>        </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Mod.-Heavy Spruce</u>
	Material: <u>Gravel</u>	Deposit: <u>Alluvial Fan</u>
	Past Use: <u>Ditching for creek dykes</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"/>	<u>        </u>
SUBSURFACE TEST RESULTS	Date: <u>        </u>	Sites Sampled: <u>        </u>		
	Depth	Max.	Min.	Average
	Overburden	<u>        </u>	<u>        </u>	<u>        </u>
	Material	<u>        </u>	<u>        </u>	<u>        </u>
	Quantity (CuYds) Estimated	Proven		
Remarks: <u>Gravel fan blocks channel at Willisrfot Creek Bridge</u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>        </u>	Crush Count: <u>        </u>								
Other Tests:	<u>        </u>									
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
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 126

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1069.9 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Sand 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: Kluane Borrow or Test Site No: 127

Location: Highway No: 1 Side R  L  Distance: 0.3 mi  
 MP 1070.9 KP          Highway Name: Alaska Access Good

Tenure: Gravel Pit Reserve Plan          Current Status: Inactive  
 Plan Yes  No

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description: Gentle Slope Tree Cover: Heavy Spruce, Popl

Material: Gravel Deposit:         

Past Use: Borrow - Crusher Site? Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date:          Sites Sampled: 20 sites

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
Pitrun-Av.	7 Sites	100	99	97	94	89	80	60	23	9
Pitrun-Av.	2 sites (0.5 mi)	86	76	60	47	33	15	4	0	0
Crush-3/4"	Av. 2 sites	100	94	67	50	34	16	4	0	0
Crush-3/4"	Av. 15 sites		99	72	56	43	27	17	17	3

Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data;  
 DPW Legal File

APPLICATION TO RESERVE TERRITORIAL LANDS

I, R.K. Coates District Director NWHS being the duly authorized agent of the Department of Public Works of Canada, hereby make application to have reserved in the name of the Department of Public Works a parcel of Territorial Land in the Yukon Land District comprising of

82.32 acres, more or less, which parcel is described as follows: Mile 1070.9 R.H.S.

Commencing at legal survey monument P.P.M. H-2097  
Thence 750' 352° 57' 46" azimuth  
Thence 2500' 82° 57' 46" azimuth  
Thence 684.5' 172° 57' 46" azimuth  
Thence 684.5' 169° 57' 46" azimuth  
Thence 2500' 259° 57' 46" azimuth  
Thence 750' 349° 57' 46" azimuth to the point of commencement  
and containing 82.32 acres more or less.

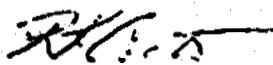
For the purpose of gravel pit

This parcel has/has not been marked on the ground with posts. A sketch on the reverse (or attached hereto) shows as nearly as possible the position of the parcel applied for (with reference to a known survey monument or topographical feature) the dimensions of all boundary lines, and the manner in which it has been marked out on the ground (if applicable).

The said Department of Public Works is the sole owner of all buildings and other improvements situated in whole or in part within the boundaries of the parcel. These improvements, at the date of application, consisted of

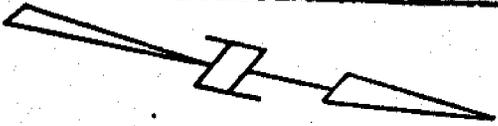
This application is submitted in the firm belief that the land involved is not occupied by any individual, corporation, or Government Department for any purpose whatsoever and is not patented land.

Dated at Whitehorse, Y.T.

  
R.K. Coates  
District Director - Yukon,  
Authorized Agent for,  
Department of Public Works of Canada.

This 20th day of Jan. 1972.

M. P.  
1070.9



← HAINES JUNCTION ———

————→ BEAVER CR. ———

349° 57' 46"

352° 57' 46"

750'

750'

M 2097

259° 57' 46"

2500'

82.32 ACRES

2500'

82° 57' 46"

684.5'

169° 57' 46"

684.5'

172° 57' 46"



DEPARTMENT OF PUBLIC WORKS  
MINISTÈRE DES TRAVAUX PUBLICS  
WHITEHORSE  
Y.T.

Drawing title  
Titre du dessin:

GRAVEL PIT RESERVE

scale  
Échelle: 1" = 400'

date:

ALASKA HIGHWAY  
M.P. 1070.9

designed by  
conçu par:

date

drawn by N. LOWES JAN. 1972  
dessiné par

reviewed by  
examiné par:

approved by  
approuvé par:

project no.  
no. du projet:

CAG NO.  
dessin: 73

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 128

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1071.1 KP      Highway Name: Alaska Access Good

Tenure: Gravel Pit Reserve Appl. Current Status: Inactive  
 Plan Yes  No

**STOCKPILE** Date:      Amount:      Cu.Yds.

**SITE** Description: Gentle Slope Tree Cover: Mod. Poplar

**TYPE** Material: Gravel Deposit:     

**HISTORY** 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:     

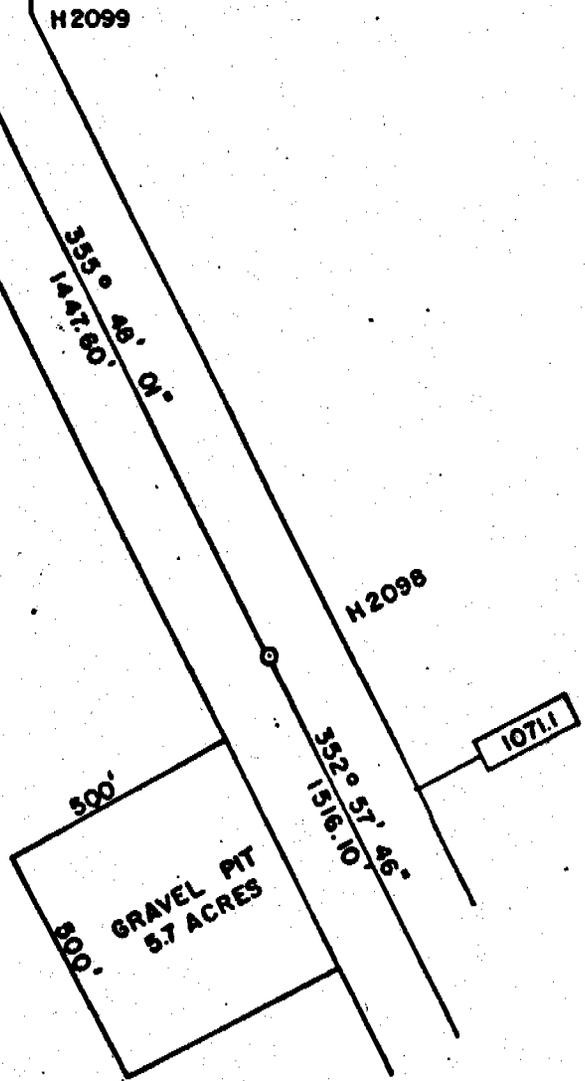
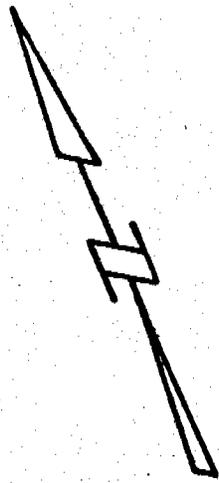
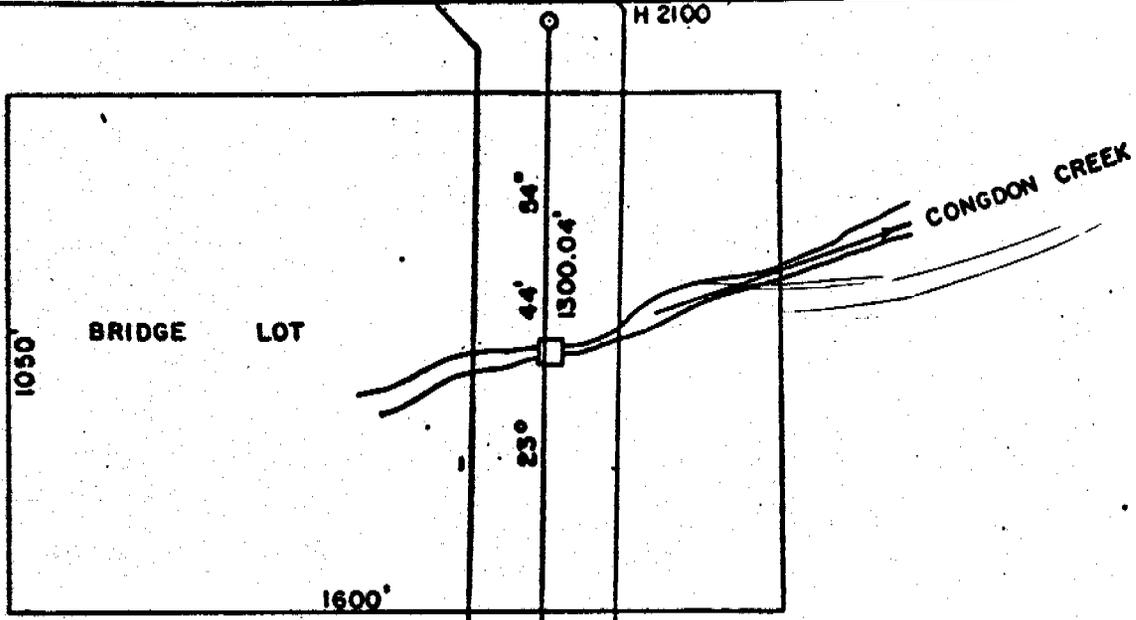
Other Tests:     

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:**

DPW Legal File  
 Federal Lands Office



 <p>DEPARTMENT OF PUBLIC WORKS CONSTRUCTION &amp; ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT</p>	<p>Drawing title: Titre du dessin</p> <p><b>GRAVEL PIT RESERVE</b></p> <p>scale: échelle 1" = 400'</p>	<p>designed by conçu par</p> <p>date</p> <p>MAY 1972</p>
	<p>ALASKA HIGHWAY M.P. 1071.1</p>	<p>drawn by dessiné par</p> <p>reviewed by examiné par</p> <p>approved by approuvé par</p> <p>project no. no du projet</p> <p>dwg. no. dessin no.</p>

**LEGAL DESCRIPTION**

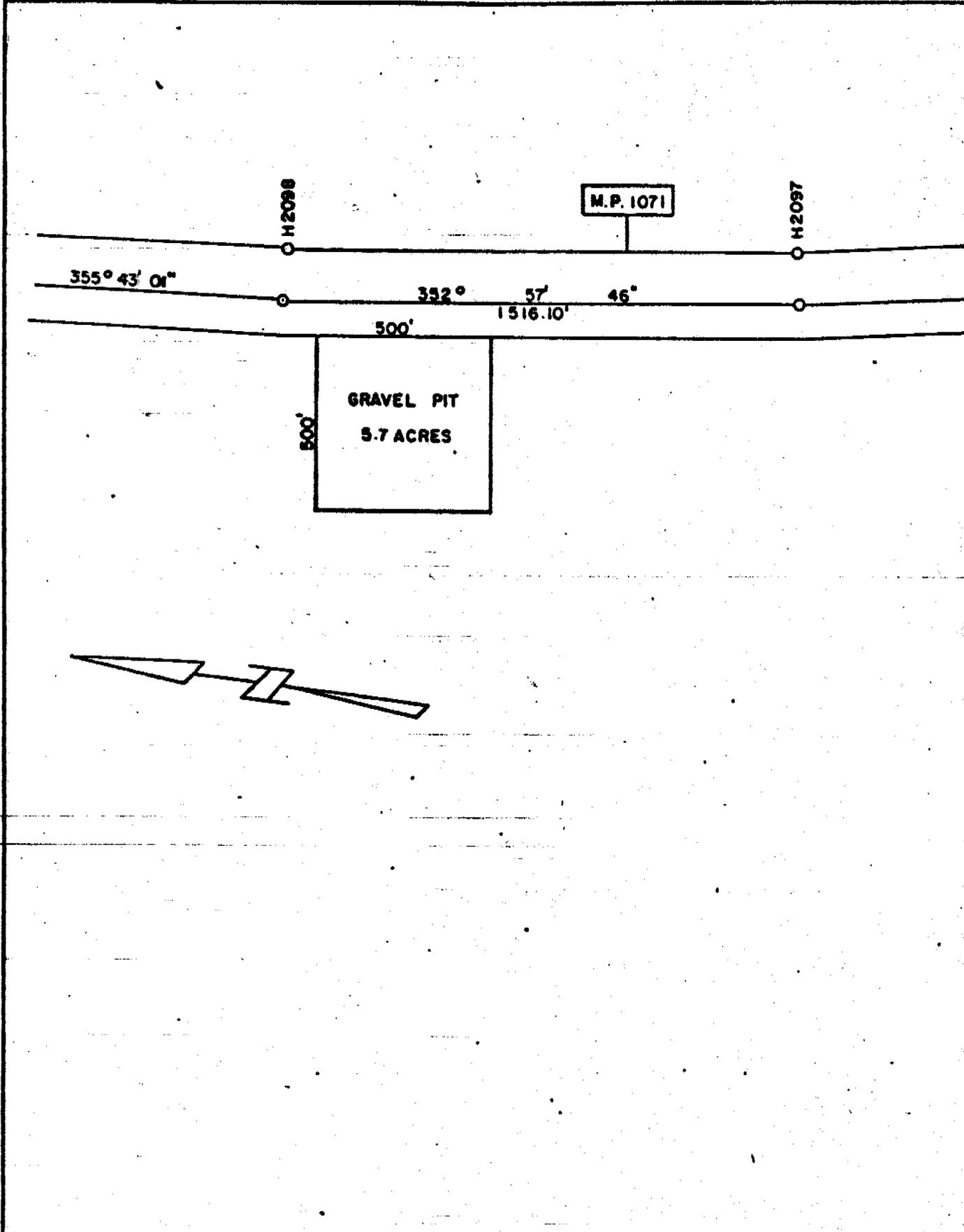
**GRAVEL PIT MILE 1071.2**

Commencing at Legal Survey Monument H-2098 on a true bearing of 175 degrees 48 minutes for a distance of 87 feet; thence on a true bearing of 265 degrees 48 minutes for a distance of 300 feet to post #1; thence on a true bearing of 175 degrees 48 minutes for a distance of 500 feet to post #2; thence on a true bearing of 265 degrees 48 minutes for a distance of 500 feet to post #3; thence on a true bearing of 355 degrees 48 minutes for a distance of 500 feet to post #4; thence on a true bearing of 85 degrees 48 minutes for a distance of 500 feet to post #1 point of commencement.

**NOTE:**

Lines cut and surveyed

June 1954



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:

**GRAVEL PIT RESERVE**

scale:  
 échelle 1" = 400'

**ALASKA HIGHWAY  
 M.P. 1071.1**

designed by  
 conçu par

drawn by  
 dessiné par

MAY 1972

reviewed by  
 examiné par

approved by  
 approuvé par

project no.  
 no. du projet

dwg. no.  
 dessin no.

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Rluane</u>	Borrow or Test Site No: <u>129</u>
Location: Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>0-1 mi</u>
MP <u>1071.4</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>Good</u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Active</u>

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <input type="text"/>
	Material: <u>Gravel</u>	Deposit: <u>Alluvial</u>
	Past Use: <u>Borrow - Dyking &amp; Ditching Creek</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"/>	
SUBSURFACE TEST RESULTS	Date: <input type="text"/>	Sites Sampled: <input type="text"/>		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	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: Kluane Borrow or Test Site No: 130

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1073.0 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Light Poplar

Material: Gravel 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>Kluane</u>		Borrow or Test Site No: <u>131</u>	
Location: <u>MP 1073.7</u>	Highway No: <u>1</u>	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
KP <input type="checkbox"/>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Light Poplar</u>
	Material: <u>Gravel</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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

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

<b>N.H. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 132
<b>Location:</b> Highway No: 1 MP 1074.0	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/> Distance: Adjacent
KP <input type="checkbox"/> Highway Name: Alaska	Access <input type="checkbox"/>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/> Cu.Yds
	<b>Description:</b> Gently Rolling	<b>Tree Cover:</b> Light Poplar
	<b>Material:</b> Gravel Silt	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
	<b>Remarks:</b> <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>	<b>Date:</b> <input type="text"/>	<b>Sites Sampled:</b> <input type="text"/>		
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Material	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<b>Quantity:(CuYds)Estimated</b>		<b>Proven</b>	
<b>Remarks:</b> <input type="text"/>				

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> <input type="text"/>	<b>Crush Count:</b> <input type="text"/>
<b>Other Tests:</b>	<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

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

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

R.M. Area: Kluane Borrow or Test Site No: 133

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1074.6 KP          Highway Name: Alaska Access         

Tenure: Gravel Pit Reserve Appl. Current Status: Inactive  
 Plan Yes  No

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu. Yds.

Description: Flat to Hummocky Tree Cover: Mod. Alder, Spruce

Material: Gravel Deposit:         

Past Use: Borrow Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date: June/73 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
Crush			100	78	59	45	18	5	--	NP
Pitrun		68	65	59	51	39	20	10	--	NP

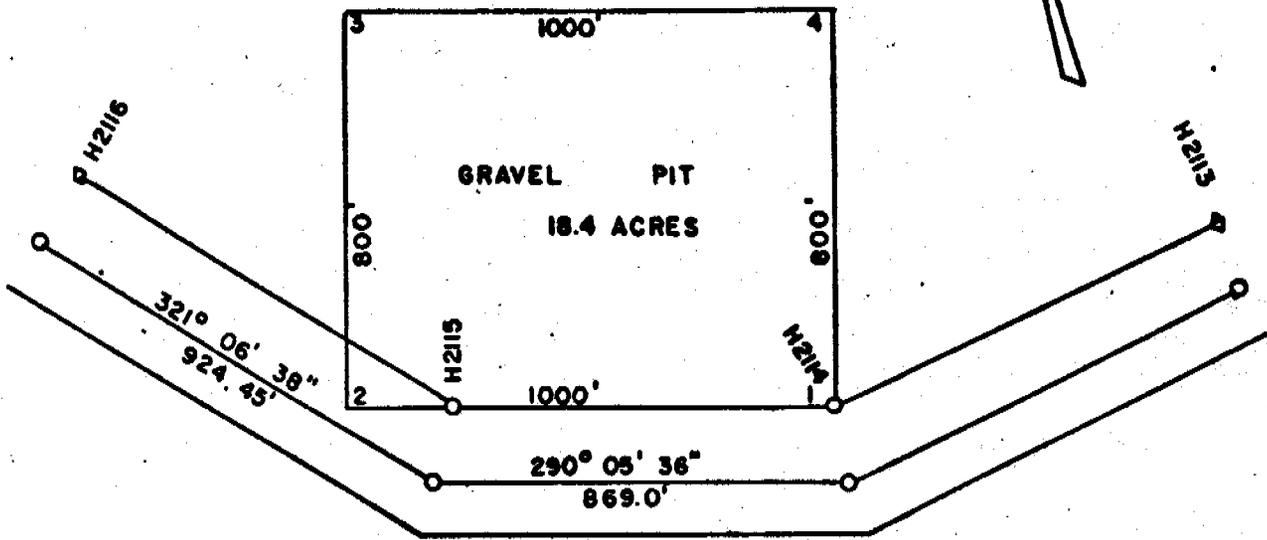
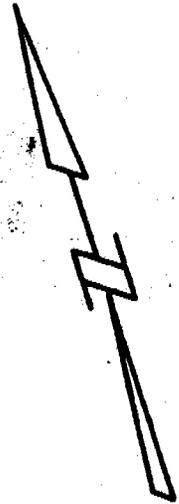
Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

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



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin: **GRAVEL PIT RESERVE**  
 scale:  
 échelle: 1" = 400'  
**ALASKA HIGHWAY**  
**M.P. 1074.6**

designed by conçu par	date
drawn by dessiné par	MAY 1972
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg no. dessin no.

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 1074.6**

Commencing at Legal Survey Monument H-2114, as post #1; thence on a true bearing of 290 degrees 05 minutes for a distance of 1000 feet to post #2; thence on a true bearing of 20 degrees 05 minutes for 800 feet to post #3; thence on a true bearing of 110 degrees 05 minutes for a distance of 1000 feet to post #4; thence on a true bearing of 200 degrees 05 minutes for a distance of 800 feet to post #1 point of commencement.

**NOTE:**

**Lines cut and surveyed**

**June 1954**

**YUKON GRAVEL INVENTORY**

<b>R.M. Area</b> <input type="text" value="Kluane"/>	<b>Borrow or Test Site No:</b> <input type="text" value="134"/>
<b>Location:</b> <input type="text" value="MP 1075.2"/> <b>Highway No:</b> <input type="text" value="1"/> <b>Side</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> <input type="text" value="Adjacent"/>
<b>KP</b> <input type="text" value=""/> <b>Highway Name:</b> <input type="text" value="Alaska"/>	<b>Access</b> <input type="text" value="Poor"/>
<b>Tenure:</b> <input type="text" value="Plan"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	<b>Current Status:</b> <input type="text" value="Inactive"/>

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text" value="Cu.Yds."/>
	<b>Description:</b> <input type="text" value="Flat"/>	<b>Tree Cover:</b> <input type="text" value="Thick Alder"/>
	<b>Material:</b> <input type="text" value="Clay"/>	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> <input type="text" value="Borrow"/>	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
	<b>Remarks:</b> <input type="text"/>	

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

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> <input type="text"/>	<b>Crush Count:</b> <input type="text"/>
<b>Other Tests:</b>	<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

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

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

R.M. Area: Kluane Borrow or Test Site No: 135

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1075.3 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Thick Alder

Material: Gravel 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**

<b>R.H. Area:</b> <u>Kluane</u>	<b>Borrow or Test Site No:</b> <u>136</u>
<b>Location:</b> <u>MP 1076.2</u> <b>Highway No:</b> <u>1</u> <b>Side:</b> <input checked="" type="checkbox"/> R <input type="checkbox"/> L	<b>Distance:</b> <u>Adjacent</u>
<b>KP:</b> <u>1076.2</u> <b>Highway Name:</b> <u>Alaska</u>	<b>Access:</b> <u>                    </u>
<b>Tenure:</b> <u>Plan</u> <b>Yes:</b> <input type="checkbox"/> <b>No:</b> <input type="checkbox"/>	<b>Current Status:</b> <u>Inactive</u>

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <u>                    </u>	<b>Amount:</b> <u>                    </u> <b>Cu.Yds.</b>
	<b>Description:</b> <u>Gentle Slope</u>	<b>Tree Cover:</b> <u>Mod. Spruce, Alder</u>
	<b>Material:</b> <u>Clay</u>	<b>Deposit:</b> <u>                    </u>
	<b>Past Use:</b> <u>Borrow</u>	<b>Date:</b> <u>                    </u>
	<b>Performance Rating:</b> <u>                    </u>	<b>Amount Used:</b> <u>                    </u>
<b>Remarks:</b> <u>                    </u>		

<b>TEST SUMMARY</b>	<b>Augered</b> <input type="checkbox"/> <b>Pitted</b> <input type="checkbox"/> <b>Trenched</b> <input type="checkbox"/> <b>Not Indicated</b> <input type="checkbox"/>												
	<b>Lab. Test</b> <input type="checkbox"/> <b>Sketch (Plan)</b> <input type="checkbox"/> <b>Crushed:</b> <input type="checkbox"/>												
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> <u>                    </u> <b>Sites Sampled:</b> <u>                    </u>												
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Depth</th> <th style="width:20%;">Max.</th> <th style="width:20%;">Min.</th> <th style="width:30%;">Average</th> </tr> <tr> <td><b>Overburden</b></td> <td><u>                    </u></td> <td><u>                    </u></td> <td><u>                    </u></td> </tr> <tr> <td><b>Material</b></td> <td><u>                    </u></td> <td><u>                    </u></td> <td><u>                    </u></td> </tr> </table>	Depth	Max.	Min.	Average	<b>Overburden</b>	<u>                    </u>	<u>                    </u>	<u>                    </u>	<b>Material</b>	<u>                    </u>	<u>                    </u>	<u>                    </u>
	Depth	Max.	Min.	Average									
	<b>Overburden</b>	<u>                    </u>	<u>                    </u>	<u>                    </u>									
	<b>Material</b>	<u>                    </u>	<u>                    </u>	<u>                    </u>									
<b>Quantity (CuYds) Estimated</b> <u>                    </u> <b>Proven</b> <u>                    </u>													
<b>Remarks:</b> <u>                    </u>													

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

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

<b>REFERENCE:</b>	<u>                    </u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>137</u>	
Location: <u>MP 1077.3</u>	Highway No: <u>1</u>	Side <u>R</u> <input checked="" type="checkbox"/> <u>L</u> <input type="checkbox"/>	Distance: <u>Adjacent</u>
KP <u>1077.3</u>	Highway Name: <u>Alaska</u>	Access <u>                    </u>	
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>		Current Status: <u>Inactive</u>	

<b>STOCKPILE SITE TYPE</b>	Date: <u>                    </u>	Amount: <u>                    </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Mod. Alder</u>
	Material: <u>Gravel</u>	Deposit: <u>                    </u>
	Past Use: <u>Borrow</u>	Date: <u>                    </u>
<b>HISTORY</b>	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"/>	<u>                    </u>
<b>SUBSURFACE TEST RESULTS</b>	Date: <u>                    </u>	Sites Sampled: <u>                    </u>		
	Depth	Max.	Min.	Average
	Overburden	<u>                    </u>	<u>                    </u>	<u>                    </u>
	Material	<u>                    </u>	<u>                    </u>	<u>                    </u>
	Quantity (CuYds)	Estimated	Proven	
Remarks: <u>                    </u>				

<b>LAB. TEST RESULTS</b>	Los Angeles Abrasion % Loss: <u>                    </u>	Crush Count: <u>                    </u>
Other Tests:	<u>                    </u>	

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

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

<b>REFERENCE:</b>	<u>                    </u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 138

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1077.4 KP  Highway Name: Alaska Access: Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Gentle Slope Tree Cover: Mod. Alder, Light Spruce

Material: Gravel 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>Kluane</u>	Borrow or Test Site No: <u>139</u>
Location: Highway No: <u>1</u> Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	Distance: <u>Adjacent</u>
MP <u>1078.6</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>    </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>    </u>

STOCKPILE SITE TYPE HISTORY	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>    </u>	Tree Cover: <u>    </u>
	Material: <u>Gravel</u>	Deposit: <u>    </u>
	Past Use: <u>    </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 checked="" type="checkbox"/>
	Lab. Test <input checked="" type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
	Date: <u>May/63</u>	Sites Sampled: <u>    </u>		
SUBSURFACE TEST RESULTS	Depth	Max.	Min.	Average
	Overburden			
	Material			
Quantity (CuYds) Estimated		Proven		
Remarks: <u>    </u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>								
Other Tests:	<u>    </u>									
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
Pitrun			75	65	56	50	31	13	--	NP

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 140

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1078.8 KP      Highway Name: Alaska Access     

Tenure: Gravel Pit Reserve Plan      Current Status: Active  
 Plan Yes  No

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Yds.

Description: Gentle Slope Tree Cover: Light Poplar

Material: Gravel Deposit:     

Past Use: Borrow - Surfacing Date:     

Performance Rating: Fair Amount Used:     

Remarks:     

**TEST SUMMARY**

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

Date: May/66, 1971 Sites Sampled: 22 holes (1971)

**SUBSURFACE TEST RESULTS**

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity: (CuYds) Estimated      Proven     

Remarks:     

**LAB. TEST RESULTS** Los Angeles Abrasion % Loss:      Crush Count:     

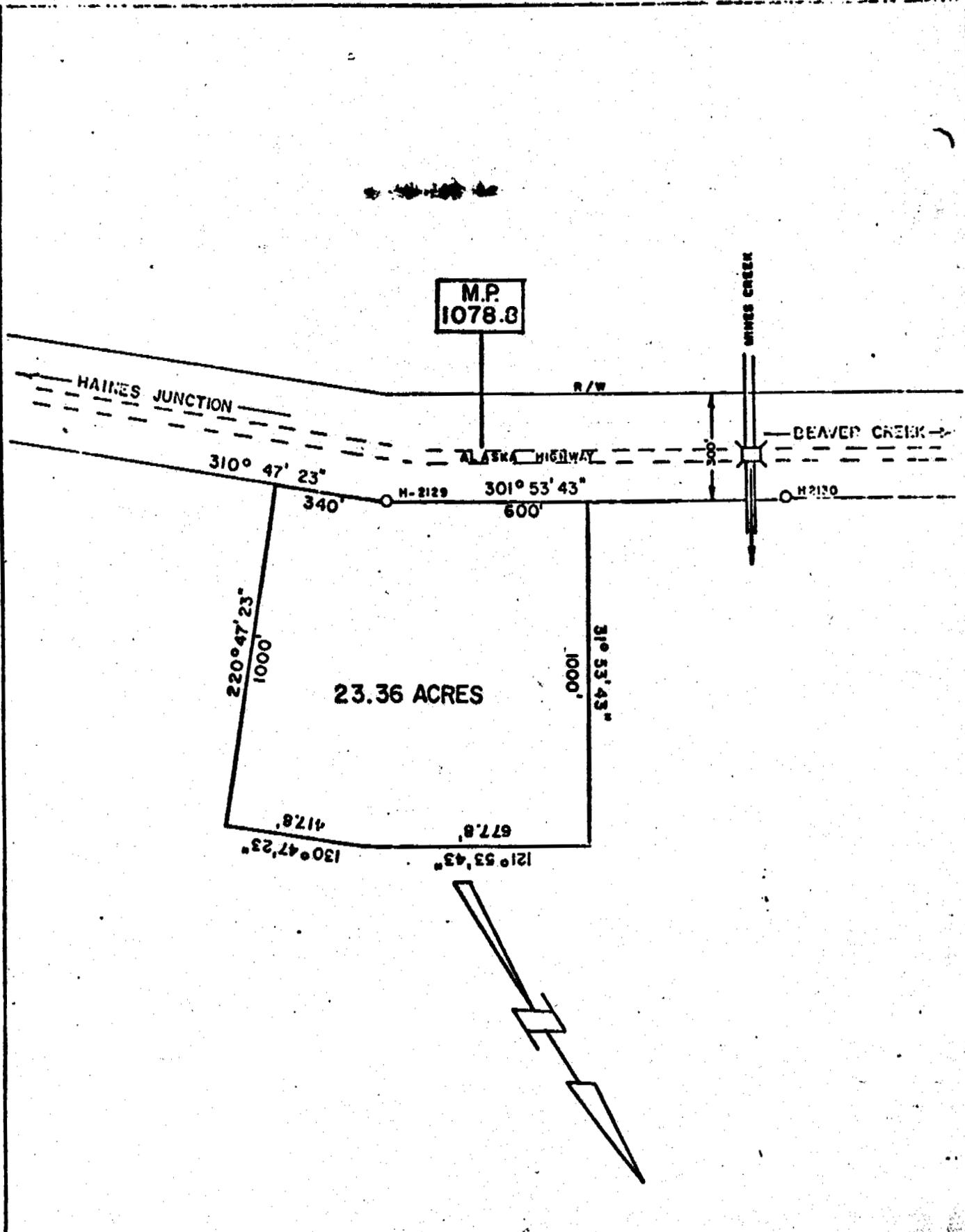
Other Tests: Petrographic Analysis: Granite - 25%; Gabbro - 30%; Rhyolite - 15%; Schist - 15%; Quartzite - 15%; Others - 10%

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
Pitrun-Av. 5 Holes/71		100	98	92	84	73	57	43	21	5
Pitrun 1965		97	96	81	65	55	41	29	17.3	1.8
Crush-3/4" Av. 21 holes/71			98	73	59	48	32	18	18	3

**Potential Conflicts** Environmental:       
 Land Use:     

**REFERENCE:**

DPW Materials Inventory  
 Alaska Highway Technical Data  
 DPW Legal File



 <p>DEPARTMENT OF PUBLIC WORKS MINISTÈRE DES TRAVAUX PUBLICS WHITEHORSE Y.T.</p>	<p>Drawing title: Titre du dessin: <b>GRAVEL PIT RESERVE R.H.S.</b></p> <p>scale: échelle: 1" = 400'</p>	<p>designed by: conçu par</p> <p>drawn by: H. LORRIS JAN 1972 dessiné par</p> <p>reviewed by: examiné par</p> <p>approved by: approuvé par</p>
	<p>ALASKA HIGHWAY M.P. 1078.8</p>	<p>project no. no. du projet</p> <p>sheet no. feuille no.</p> <p>TS 72-9 22-60</p>

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 141

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1079.0 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle Slope Tree Cover: Light Poplar

Material: Gravel Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: July/67 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
			100	67	54	45	31	21	18.2	2.4

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>142</u>
Location: Highway No: <u>1</u> Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L	Distance: <u>Adjacent</u>
MP <u>1081.0</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>    </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

STOCKPILE SITE TYPE HISTORY	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>Flat, Gently Rolling</u>	Tree Cover: <u>Mod. Spruce, Alder</u>
	Material: <u>Gravel</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"/>	Fitted <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			Proven	
Remarks: <u>    </u>					

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>								
Other Tests:	<u>    </u>									
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: <u>    </u>
	Land Use: <u>    </u>

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

R.H. Area: <u>Kluane</u>	Borrow or Test Site No: <u>143</u>
Location: Highway No: <u>1</u> Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>0.4 mi</u>
MP <u>1081.2</u> KP <u>      </u> Highway Name: <u>Alaska</u>	Access: <u>Good</u>
Tenure: Gravel Pit Reserve Appl. Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

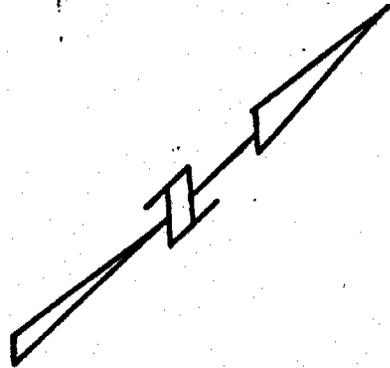
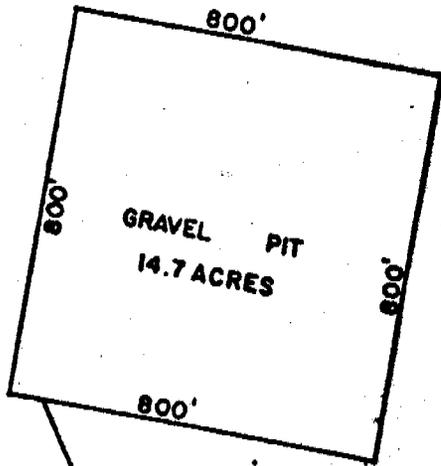
STOCKPILE SITE TYPE HISTORY	Date: <input type="text"/>	Amount: <input type="text"/> Cu.Yds.
	Description: <u>Gently Rolling</u>	Tree Cover: <u>Light Alder, Poplar</u>
	Material: <u>Gravel</u>	Deposit: <input type="text"/>
	Past Use: <u>Borrow</u>	Date: <input type="text"/>
	Performance Rating: <input 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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

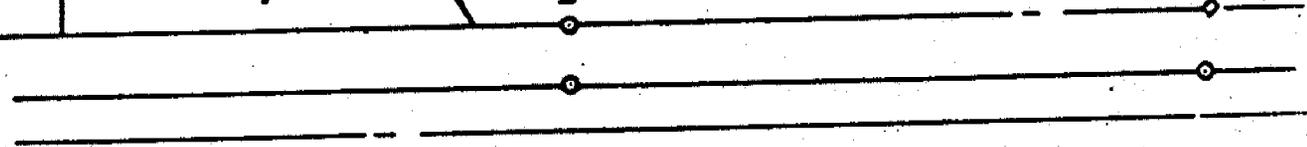
REFERENCE:	DPW Legal File Federal Lands Office
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M.P. 1082

H 2137

H 2136



 <p>DEPARTMENT OF PUBLIC WORKS CONSTRUCTION &amp; ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT</p>	<p>Drawing title: Titre du dessin:</p> <p style="text-align: center;"><b>GRAVEL PIT RESERVE</b></p>	<p>designed by: conçu par</p>
	<p>scale: échelle: 1" = 400'</p>	<p>drawn by: dessiné par</p> <p style="text-align: right;">MAY</p>
	<p style="text-align: center;"><b>ALASKA HIGHWAY</b> <b>M. P. 1081.2</b></p>	<p>reviewed by: examiné par</p>
		<p>approved by: approuvé par</p>
		<p>project no. / no. du projet</p>

**YUKON GRAVEL INVENTORY**

R.M. Area: <u>Kluane</u>	Borrow or Test Site No: <u>144</u>
Location: Highway No: <u>1</u> Side R <input checked="" type="checkbox"/> L <input type="checkbox"/>	Distance: <u>Adjacent</u>
MP <u>1081.5</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access <u>    </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>    </u>

STOCKPILE SITE TYPE HISTORY	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>    </u>	Tree Cover: <u>    </u>
	Material: <u>    </u>	Deposit: <u>    </u>
	Past Use: <u>    </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 checked="" type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Sketch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	<u>    </u>
SUBSURFACE TEST RESULTS	Date: <u>May/63</u>	Sites Sampled: <u>    </u>		
	Depth	Max.	Min.	Average
	Overburden	<u>    </u>	<u>    </u>	<u>    </u>
	Material	<u>    </u>	<u>    </u>	<u>    </u>
	Quantity (CuYds) Estimated	Proven		
Remarks: <u>    </u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>								
Other Tests: <u>    </u>	<u>    </u>									
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
<u>Pitrun</u>	<u>    </u>	<u>    </u>	<u>95</u>	<u>68</u>	<u>48</u>	<u>25</u>	<u>6</u>	<u>3</u>	<u>--</u>	<u>NP</u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 145

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1081.6 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds

Description: Flat Tree Cover: Heavy Spruce

Material: Clay 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.	Kluġne	Borrow or Test Site No:	146
Location:	Highway No: 1	Side R <input type="checkbox"/> L <input type="checkbox"/>	Distance: Adjacent
MP 1082.0	KP	Highway Name: Alaska	Access
Tenure:	Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	Date:	Amount:	Cu.Yds.
	Description: Flat - Gently Rolling	Tree Cover: Heavy Spruce	
	Material: Silt	Deposit:	
	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

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

<b>LAB. TEST RESULTS</b>	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

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

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

R.M. Area: Kluane : Borrow or Test Site No: 147

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1082.2 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu. Yds.

Description: Gently Rolling Tree Cover: Mod. Alder, Spruce

Material: Clay, Gravel 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 Z Loss:  Crush Count:

Other Tests:

Grain Size Analysis		Z 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:

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 1085.5**

Commencing at Legal Survey Monument H-2148 on a true bearing of 157 degrees 07 minutes 55 seconds for a distance of 537 feet; thence on a true bearing of 67 degrees 07 minutes 55 seconds for a distance of 1200 feet; thence on a true bearing of 337 degrees 07 minutes 55 seconds for a distance of 400 feet to post #1; thence on a true bearing of 157 degrees 07 minutes 55 seconds for a distance of 1000 feet to post #2; thence on a true bearing of 67 degrees 07 minutes 55 seconds for a distance of 900 feet to post #3; thence on a true bearing of 337 degrees 07 minutes 55 seconds for a distance of 1000 feet to post #4; thence on a true bearing of 247 degrees 07 minutes 55 seconds for a distance of 900 feet to post #1 point of commencement.

**NOTE:**

Lines cut and surveyed

Sept. 1954

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 149

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1086.2 KP      Highway Name: Alaska Access     

Tenure: Gravel Pit Reserve Plan Yes  No  Current Status: Active

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat, Gently Rolling Tree Cover: Mod. Spruce

Material: Sand Deposit:     

Past Use: Borrow Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: June/63 Sites Sampled: 26 Pits

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
Crush			100	88	78	65	32	12	--	--

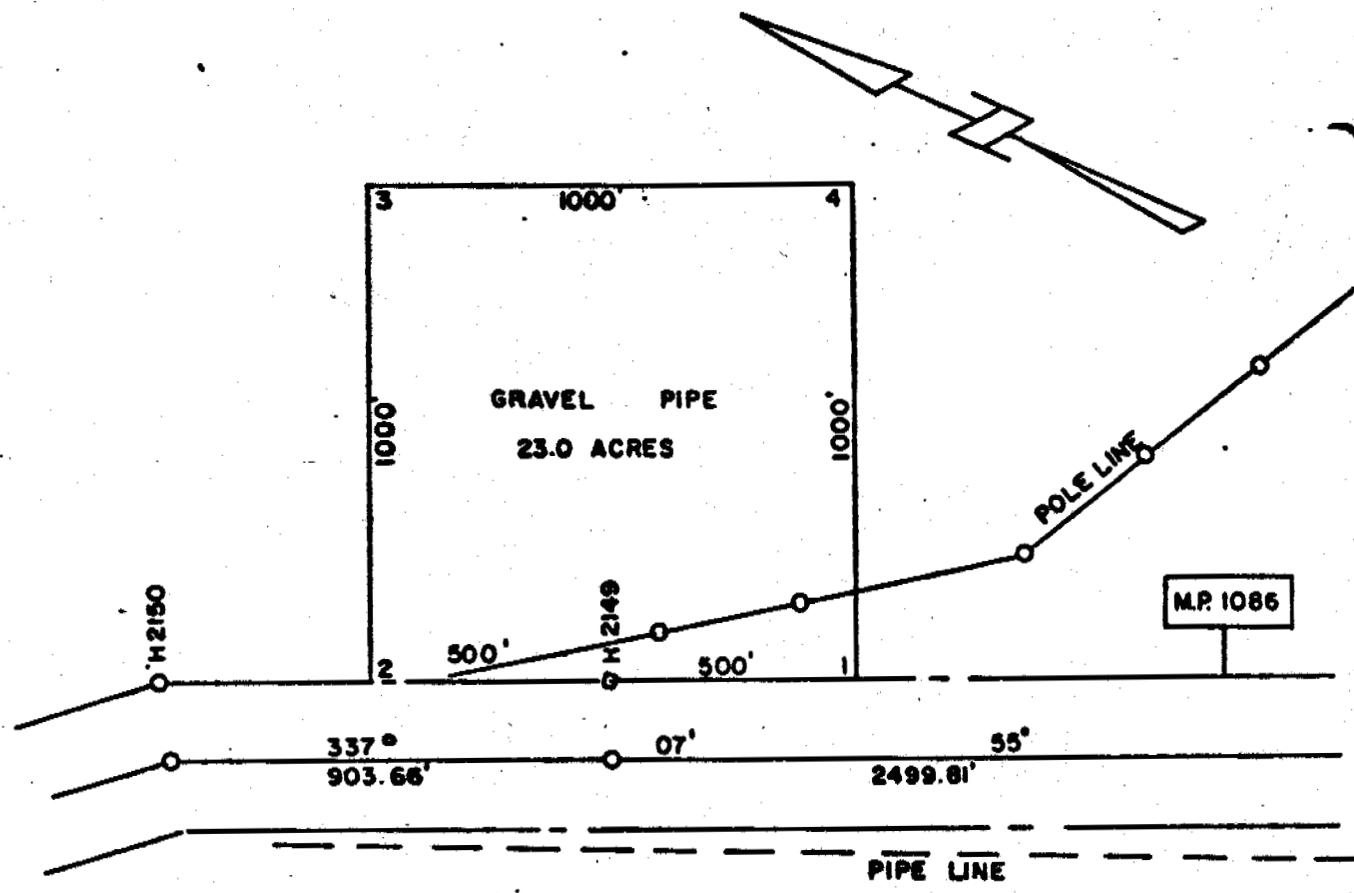
Potential Conflicts

Environmental:     

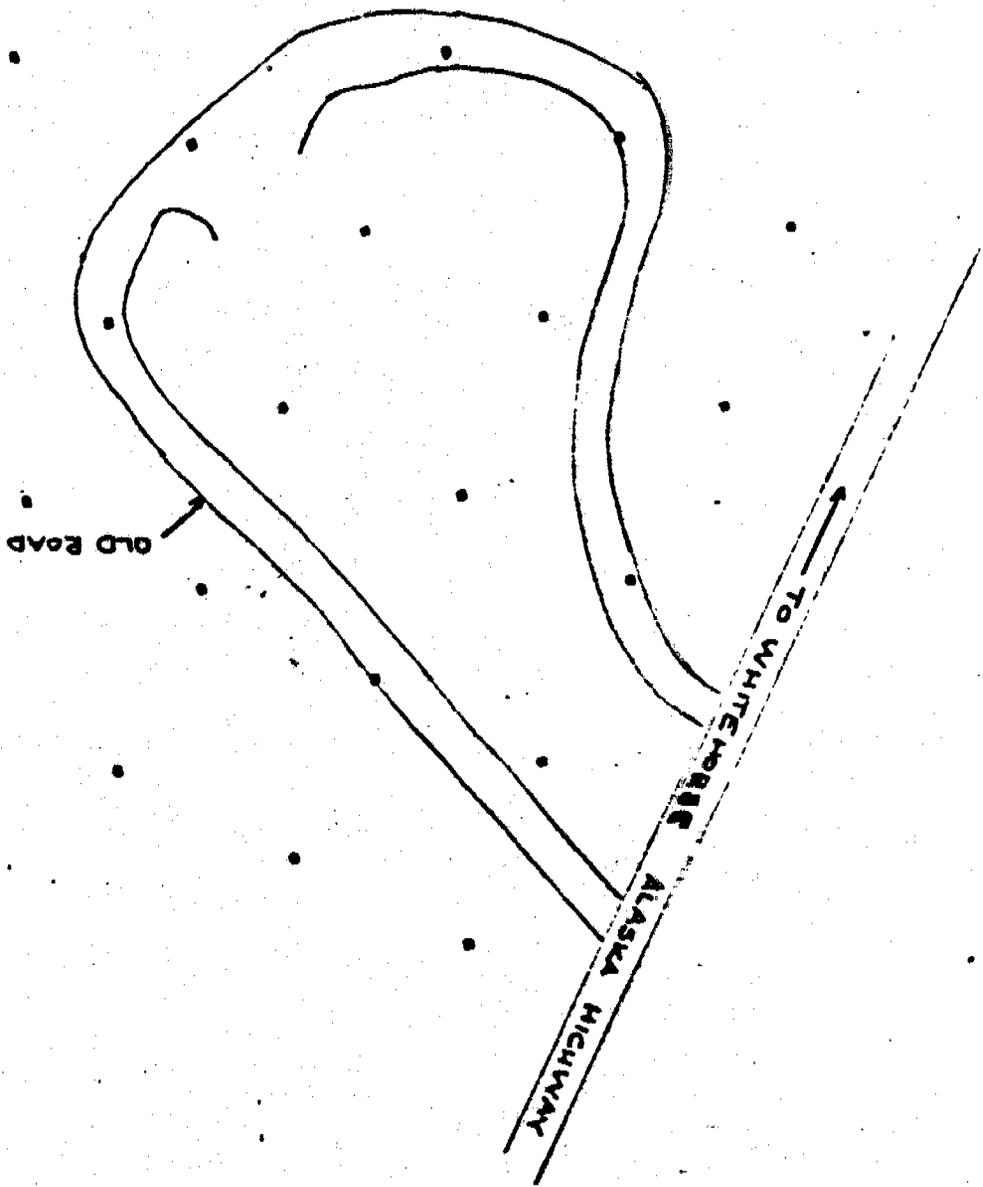
Land Use:     

REFERENCE:

DFW Materials Inventory; Alaska Highway Technical Data



 <p>DEPARTMENT OF PUBLIC WORKS CONSTRUCTION &amp; ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT</p>	Drawing title: Titre du dessin <b>GRAVEL PIT RESERVE</b>		designed by conçu par	date
	scale: échelle: 1" = 400'		drawn by dessiné par	MAY 1972
	<b>ALASKA HIGHWAY</b> <b>M. P. 1086.2</b>		reviewed by examiné par	
			approved by approuvé par	
	project no no du projet	dwg no dessin no		



SITE NO 149  
 KLUANE R.M.A.  
 TEST AREA  
 ALASKA HIGHWAY M.P. 106.2, R.H.S.  
 1.5m 200FT  
 • TEST PITS



**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 150

Location: Highway No: 1 Side  R  L Distance: 0.33 mi  
 MP 1086.3 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu. Yds.

Description:      Tree Cover:     

Material: Sand Silt Mixture Deposit:     

Past Use:      Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: Oct/71 Sites Sampled: 25 Holes

Depth	Max.	Min.	Average
Overburden	2'	0'	
Material	19'	5'	

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
Pitrun-Av.	15 Holes	100	98	92	81	71	56	40	16	2

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 151

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1086.5 KP          Highway Name: Alaska Access         

Tenure: Plan Yes  No  Current Status:         

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu, Yds.

Description:          Tree Cover:         

Material: Gravel Deposit:         

Past Use:          Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date: Oct/61 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
Pitrun		82	74	64	56	50	23	7	--	--

Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.H. Area: Kluane Borrow or Test Site No: 152

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1087.0 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle Slope Tree Cover: Thick Spruce

Material: Gravel Deposit:     

Past Use: Dykes for Creek 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:** Kluane **Borrow or Test Site No:** 153

**Location:** Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1087.1 KP      Highway Name: Alaska Access     

**Tenure:** Plan Yes  No  **Current Status:** Inactive

**STOCKPILE SITE TYPE HISTORY**

**Date:**      **Amount:**      **Cu.Yds.**

**Description:** Gentle Slope **Tree Cover:** Thick Spruce

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

**Past Use:** Dykes for Creek **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: Kluane Borrow or Test Site No: 154

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1087.5 KP      Highway Name: Alaska Access     

Tenure: Gravel Pit Reserve & Waste Current Status: Active  
 Plan Yes  No  Disposal     

STOCKPILE SITE TYPE HISTORY

Date: May/77 Crush Amount: ± 500 Cu.Yds.

Description: Steep Sidehill Tree Cover: Open

Material: Gravel Deposit:     

Past Use: Borrow - Crusher Site Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: June/63 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
			100	86	56	38	12	3	19	NP

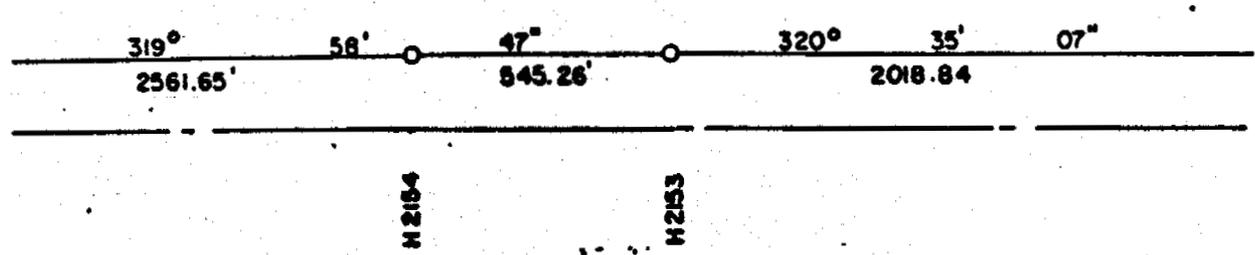
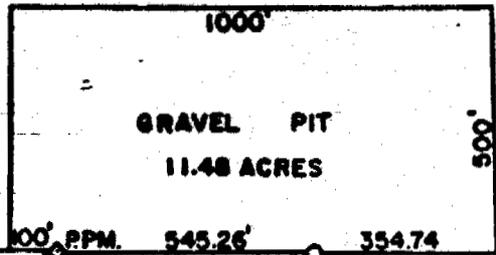
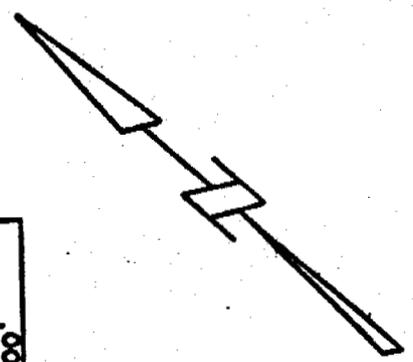
Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data



H 2154

H 2153



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
**GRAVEL PIT RESERVE**

scale  
 échelle: 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 1087.5**

designed by conçu par	
drawn by dessiné par	MAY 1970
reviewed by examiné par	
approved by approuvé par	
project no no du projet	filed no Dessin no

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 155

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1088.1 KP      Highway Name: Alaska Access Good

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Light Poplar

Material: Sand 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: Kluane Borrow or Test Site No: 156

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1088.9 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat - Gently Rolling Tree Cover: Mod. Alder, Spruce

Material: Gravel Deposit:     

Past Use: Borrow - Creek Dykes 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: Kluane Borrow or Test Site No: 157

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1089.5 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu.Yds.

Description: Gentle Creek Band Tree Cover: Light Poplar

Material: Gravel Deposit:

Past Use: Borrow - Creek Dyking 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: Kluane Borrow or Test Site No: 158

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1089.8 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Gentle-Mod. Slope Tree Cover: Light Poplar

Material: Gravel 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: Kluane Borrow or Test Site No: 159

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1090.0 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description:      Tree Cover:     

Material: Gravel Sand Deposit:     

Past Use:      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
Pitrun			95	84	71	63	31	11	16.3	4.0

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 160

Location: Highway No: 1 Side  R  L Distance: 0.1 mi  
 MP 1090.2 KP      Highway Name: Alaska Access Poor

Tenure: Gravel Pit Reserve Current Status: Inactive  
 Plan Yes  No

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds

Description: Knoll Tree Cover: Light Poplar

Material: Clay 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

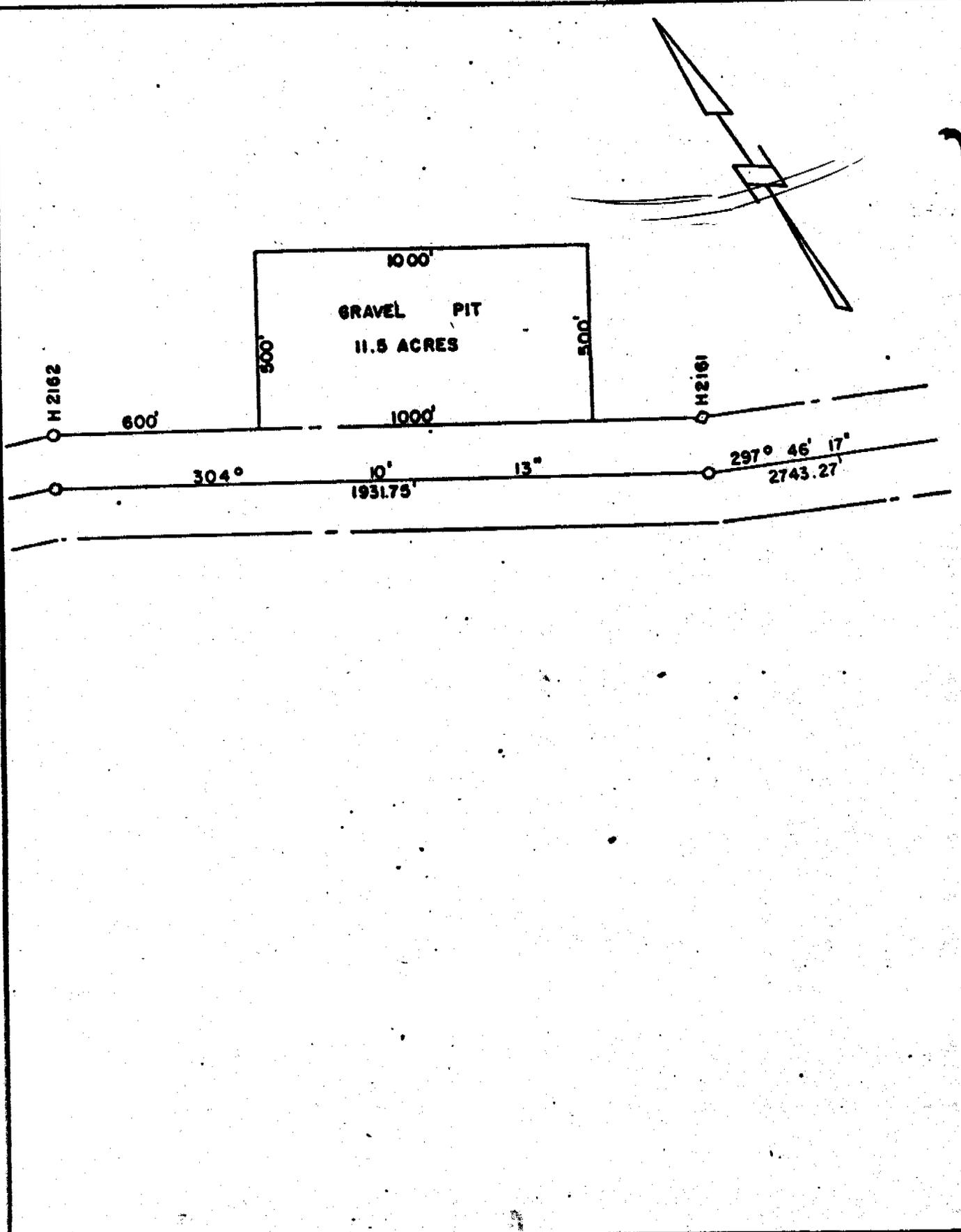
Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Legal File  
 Federal Lands Office



DEPARTMENT OF PUBLIC WORKS  
 CONSTRUCTION & ENGINEERING  
 PACIFIC REGION  
 WHITEHORSE DISTRICT

Drawing title:  
 Titre du dessin:  
**GRAVEL PIT RESERVE**  
 scale  
 échelle 1" = 400'

**ALASKA HIGHWAY**  
**M.P. 1090.2**

designed by conçu par	date
drawn by dessiné par	MAY 1972
reviewed by examiné par	
approved by approuvé par	
project no no du projet	dwg no dessin no

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 161

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1090.8 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Light Poplar

Material: Sand 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: Kluane Borrow or Test Site No: 162

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1092.4 KP      Highway Name: Alaska Access     

Tenure: Gravel Pit Reserve Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Heavy Spruce

Material: Gravel Deposit:     

Past Use: Borrow Surfacing Date: 1967

Performance Rating: Fair Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: 1971 Sites Sampled: 21 Holes

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated      Proven     

Remarks: Material varies in plasticity. Careful selection of pit area required to get good surfacing material.

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
<u>Av. -20 Holes</u>		<u>100</u>	<u>98</u>	<u>91</u>	<u>80</u>	<u>67</u>	<u>52</u>	<u>37</u>	<u>18</u>	<u>4</u>

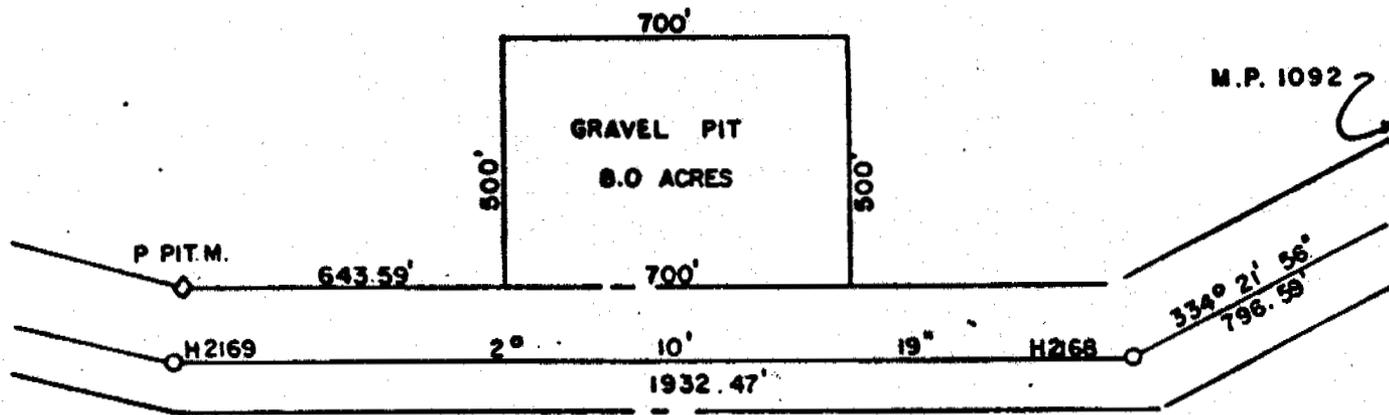
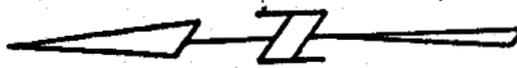
Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

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



M.P. 1092



DEPARTMENT OF PUBLIC WORKS  
CONSTRUCTION & ENGINEERING  
PACIFIC REGION  
WHITEHORSE DISTRICT

Drawing title:  
Titre du dessin:

GRAVEL PIT RESERVE

scale:  
échelle: 1" = 400'

ALASKA HIGHWAY  
M.P. 1092.3

designed by  
conçu par

date

drawn by  
dessiné par

MAY 1972

reviewed by  
examiné par

approved by  
approuvé par

project no.  
no. de projet

dwg no.  
dessin no.

**YUKON GRAVEL INVENTORY**

<b>R.H. Area:</b>	Kluane	<b>Borrow or Test Site No:</b>	163
<b>Location:</b>	<b>Highway No:</b> 1	<b>Side</b>	R <input type="checkbox"/> L <input checked="" type="checkbox"/>
MP 1092.9	KP <input type="checkbox"/>	<b>Highway Name:</b>	Alaska
<b>Tenure:</b>		<b>Current Status:</b>	Inactive
Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>		

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b>	<b>Amount:</b>	Cu. Yds.	
	<b>Description:</b>	Flat	<b>Tree Cover:</b>	Heavy Spruce
	<b>Material:</b>	Clay, Silt	<b>Deposit:</b>	
	<b>Past Use:</b>	Borrow	<b>Date:</b>	
	<b>Performance Rating:</b>		<b>Amount Used:</b>	
	<b>Remarks:</b>			

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

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

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

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

R.H. Area:	Kluane	Borrow or Test Site No:	164
Location:	Highway No: 1	Side:	R <input type="checkbox"/> L <input checked="" type="checkbox"/>
MP 1093.2	KP	Highway Name:	Alaska
Tenure:		Current Status: Inactive	
Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>		

STOCKPILE SITE TYPE HISTORY	Date:	Amount:	Cu, Yds.	
	Description:	Flat		
	Material:	Gravel, Sand, Silt		
	Past Use:	Borrow		
	Performance Rating:	Date:	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:	
------------	--

**YUKON GRAVEL INVENTORY**

R.H. Area	Kluane	Borrow or Test Site No:	165
Location:	Highway No: 1	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: Adjacent
MP 1094	KP	Highway Name: Alaska	Access
Tenure: Gravel Pit Reserve Plan		Current Status: Not Developed	
Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

<b>STOCKPILE SITE TYPE HISTORY</b>	Date:	Amount:	Cu.Yds.	
	Description:	Tree Cover:		
	Material:	Deposit:		
	Past Use:	Date:		
	Performance Rating:	Amount Used:		
	Remarks:			

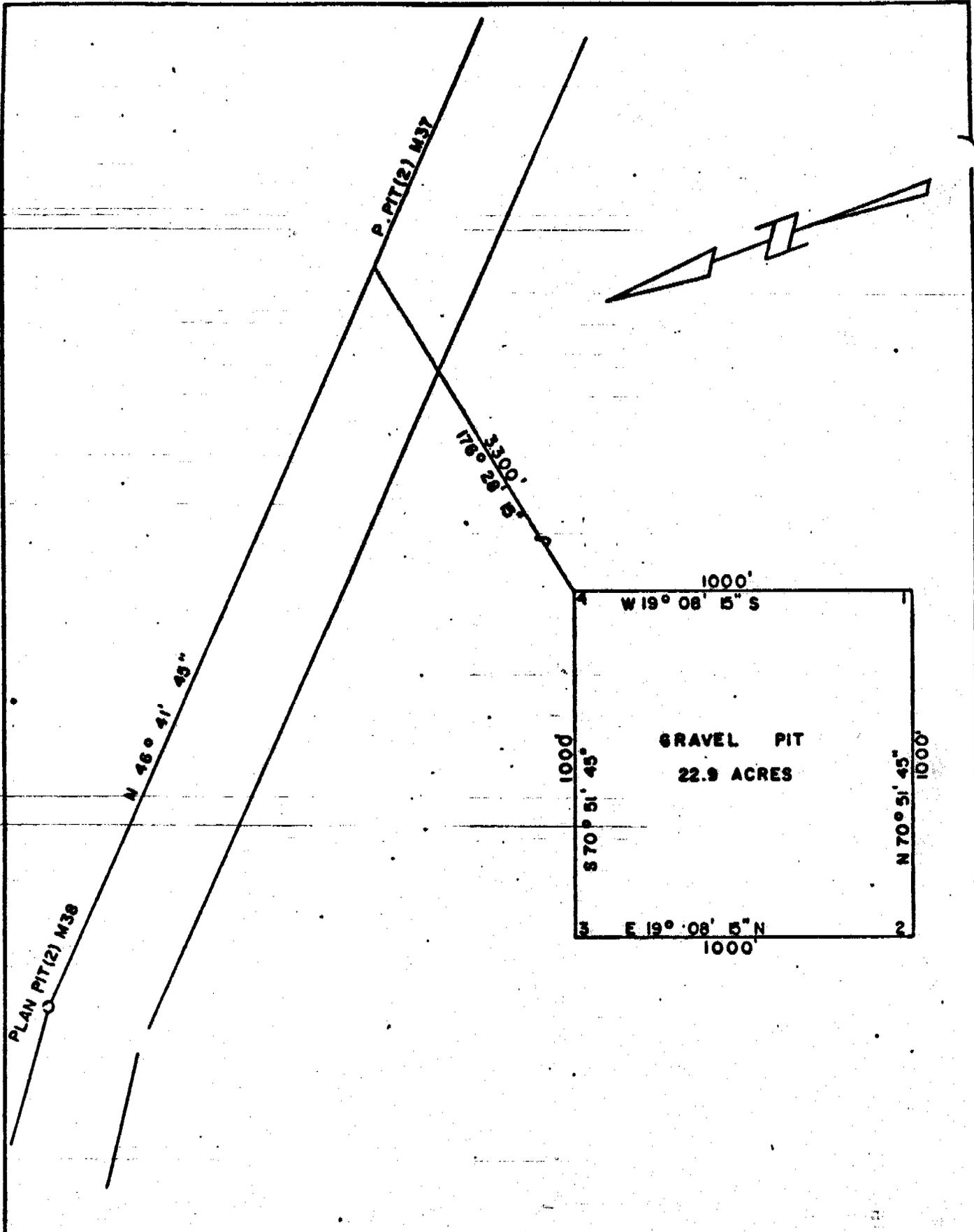
<b>TEST SUMMARY</b>	Augered <input type="checkbox"/>	Pitted <input type="checkbox"/>	Trenched <input type="checkbox"/>	Not Indicated <input type="checkbox"/>
	Lab. Test <input type="checkbox"/>	Skatch (Plan) <input type="checkbox"/>	Crushed: <input type="checkbox"/>	
	Date:	Sites Sampled:		
<b>SUBSURFACE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

<b>LAB. TEST RESULTS</b>	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

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

<b>REFERENCE:</b>	DPW Legal File
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PLAN PIT(2) M38

P. PIT(2) M37

N 46° 41' 48"

3300'  
176° 28' 5"

1000'  
W 19° 08' 5" S

GRAVEL PIT  
22.9 ACRES

1000'  
S 70° 51' 45"

1000'  
N 70° 51' 45"

E 19° 08' 5" N  
1000'

 <p>DEPARTMENT OF PUBLIC WORKS CONSTRUCTION &amp; ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT</p>	<p>Drawing title: Titre du dessin:</p> <p><b>GRAVEL PIT RESERVE</b></p> <p>scale: échelle 1" = 400'</p>	<p>designed by conçu par</p>	<p>date</p>
	<p><b>ALASKA HIGHWAY M.P. 1094</b></p>	<p>drawn by dessiné par</p> <p><b>MAY 1972</b></p>	
		<p>reviewed by examiné par</p>	
		<p>approved by approuvé par</p>	<p>project no. no. du projet</p>

**YUKON GRAVEL INVENTORY**

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 166
<b>Location:</b> Highway No: 1 MP 1095.0 KP [ ] Highway Name: Alaska	<b>Side:</b> <input type="checkbox"/> L <input checked="" type="checkbox"/> R <b>Distance:</b> Adjacent <b>Access:</b> [ ]
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> [ ]	<b>Amount:</b> [ ] <b>Cu.Yds.</b>
	<b>Description:</b> Flat	<b>Tree Cover:</b> Mod. Spruce, Poplar
	<b>Material:</b> Gravel	<b>Deposit:</b> [ ]
	<b>Past Use:</b> Borrow	<b>Date:</b> [ ]
	<b>Performance Rating:</b> [ ]	<b>Amount Used:</b> [ ]
<b>Remarks:</b> [ ]		

<b>TEST SUMMARY</b>	<b>Augered</b> <input type="checkbox"/> <b>Pitted</b> <input type="checkbox"/> <b>Trenched</b> <input type="checkbox"/> <b>Not Indicated</b> <input type="checkbox"/>												
	<b>Lab. Test</b> <input type="checkbox"/> <b>Sketch (Plan)</b> <input type="checkbox"/> <b>Crushed:</b> <input type="checkbox"/>												
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> [ ] <b>Sites Sampled:</b> [ ]												
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Depth</th> <th style="width:20%;">Max.</th> <th style="width:20%;">Min.</th> <th style="width:30%;">Average</th> </tr> <tr> <td>Overburden</td> <td>[ ]</td> <td>[ ]</td> <td>[ ]</td> </tr> <tr> <td>Material</td> <td>[ ]</td> <td>[ ]</td> <td>[ ]</td> </tr> </table>	Depth	Max.	Min.	Average	Overburden	[ ]	[ ]	[ ]	Material	[ ]	[ ]	[ ]
	Depth	Max.	Min.	Average									
	Overburden	[ ]	[ ]	[ ]									
	Material	[ ]	[ ]	[ ]									
<b>Quantity (CuYds) Estimated</b> [ ] <b>Proven</b> [ ]													
<b>Remarks:</b> [ ]													

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

<b>Potential Conflicts</b>	<b>Environmental:</b> [ ]
	<b>Land Use:</b> [ ]

<b>REFERENCE:</b>	[ ]
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**YUKON GRAVEL INVENTORY**

<b>R.H. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 167
<b>Location:</b> Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/> Distance: <u>Adjacent</u>	<b>Access:</b> <u>                    </u>
MP <u>1095.1</u> KP <u>          </u> Highway Name: <u>Alaska</u>	
<b>Tenure:</b> Gravel Pit Reserve Appl. Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> <u>Inactive</u>

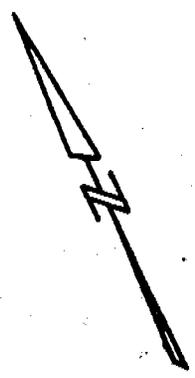
<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <u>                    </u>	<b>Amount:</b> <u>          </u> <b>Cu.Yds.</b>
	<b>Description:</b> <u>Flat</u>	<b>Tree Cover:</b> <u>Thick Spruce</u>
	<b>Material:</b> <u>Gravel</u>	<b>Deposit:</b> <u>                    </u>
	<b>Past Use:</b> <u>Borrow</u>	<b>Date:</b> <u>                    </u>
	<b>Performance Rating:</b> <u>                    </u>	<b>Amount Used:</b> <u>                    </u>
<b>Remarks:</b> <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"/>	
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> <u>                    </u>		<b>Sites Sampled:</b> <u>                    </u>	
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden			
	Material			
	<b>Quantity (CuYds) Estimated</b>		<b>Proven</b>	
<b>Remarks:</b> <u>                    </u>				

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

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

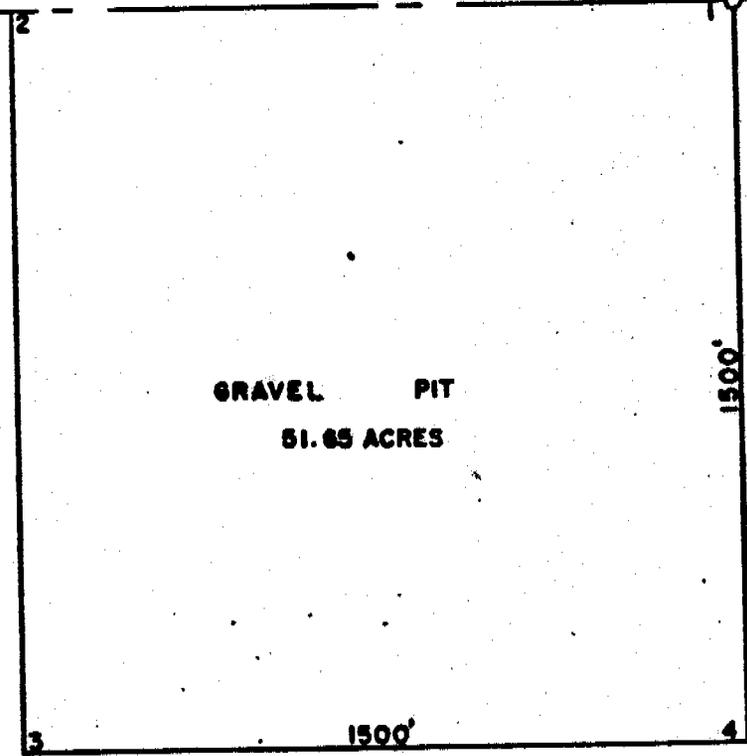
<b>REFERENCE:</b>	<u>                    </u>
	DPW Legal File Federal Lands Office



MP 1095

H2180 P. Pit. M.

286° 56' 01"  
2426.80'



GRAVEL PIT  
51.85 ACRES

1500'

1500'



DEPARTMENT OF PUBLIC WORKS  
CONSTRUCTION & ENGINEERING  
PACIFIC REGION  
WHITEHORSE DISTRICT

Drawing title:  
Titre du dessin:

GRAVEL PIT RESERVE

scale  
échelle: 1" = 400'

ALASKA HIGHWAY  
M.P. 1095.1

designed by conçu par	date MAY 1972
drawn by dessiné par	
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg no. dessin no.

**LEGAL DESCRIPTION**

**GRAVEL PIT MILE 1095.1**

Commencing at Legal Survey Monument H-2180 on a true bearing of 198 degrees 56 minutes 01 seconds for a distance of 300.0 feet to post #1; thence on a true bearing of 289 degrees 56 minutes 01 seconds for a distance of 1500.0 feet to post #2; thence on a true bearing of 198 degrees 56 feet 01 seconds for a distance of 1500.0 feet to post #3; thence on a true bearing of 108 degrees 56 minutes 01 seconds for a distance of 1500.0 feet to post #4; thence on a true bearing of 18 degrees 56 feet 01 seconds for a distance of 1500.0 feet to post #1; point of commencement.

**YUKON GRAVEL INVENTORY**

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 168
<b>Location:</b> Highway No: 1	Side R <input type="checkbox"/> L <input checked="" type="checkbox"/> Distance: Adjacent
MP 1095.8 KP <input type="checkbox"/> Highway Name: Alaska	Access <input type="checkbox"/>
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b> Inactive

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> <input type="text"/>	<b>Amount:</b> <input type="text"/> Cu.Yds.
	<b>Description:</b> Flat	<b>Tree Cover:</b> Thick Alder, Spruce
	<b>Material:</b> Gravel	<b>Deposit:</b> <input type="text"/>
	<b>Past Use:</b> Borrow	<b>Date:</b> <input type="text"/>
	<b>Performance Rating:</b> <input type="text"/>	<b>Amount Used:</b> <input type="text"/>
<b>Remarks:</b> <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="checkbox"/>
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> <input type="text"/>	<b>Sites Sampled:</b> <input type="text"/>		
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden			
	Material			
	<b>Quantity (CuYds) Estimated</b>		<b>Proven</b>	
<b>Remarks:</b> <input type="text"/>				

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> <input type="text"/>	<b>Crush Count:</b> <input type="text"/>								
<b>Other Tests:</b>	<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>	<b>Environmental:</b> <input type="text"/>
	<b>Land Use:</b> <input type="text"/>

<b>REFERENCE:</b>	<input style="width:80%;" type="text"/>
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**YUKON GRAVEL INVENTORY**

<b>R.H. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 170
<b>Location:</b> MP 1097.0	<b>Highway No:</b> 1
<b>KP</b> _____	<b>Highway Name:</b> Alaska
<b>Side</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/>	<b>Distance:</b> Adjacent
<b>Tenure:</b> Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>Current Status:</b>

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> _____	<b>Amount:</b> _____ <b>Cu.Yds.</b>
	<b>Description:</b> _____	<b>Tree Cover:</b> _____
	<b>Material:</b> Gravel	<b>Deposit:</b> _____
	<b>Past Use:</b> _____	<b>Date:</b> _____
	<b>Performance Rating:</b> _____	<b>Amount Used:</b> _____
	<b>Remarks:</b> _____	

<b>TEST SUMMARY</b>	<b>Augered</b> <input type="checkbox"/>	<b>Pitted</b> <input type="checkbox"/>	<b>Trenched</b> <input type="checkbox"/>	<b>Not Indicated</b> <input type="checkbox"/>
	<b>Lab. Test</b> <input checked="" type="checkbox"/>	<b>Sketch (Plan)</b> <input type="checkbox"/>	<b>Crushed:</b> <input type="checkbox"/>	_____
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b> July/69		<b>Sites Sampled:</b> 1 Pit	
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	Overburden		2'	
	Material		5'	
	<b>Quantity:(CuYds)Estimated</b>		<b>Proven</b>	
<b>Remarks:</b> Permafrost at 7 ft. below surface				

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b> _____	<b>Crush Count:</b> _____
<b>Other Tests:</b>	_____	

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
Pitrun		72	40	26	19	14	6	1	--	NP

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

<b>REFERENCE:</b>	DPW Materials Inventory; Alaska Highway Technical Data
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**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 171

Location: Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1098 KP      Highway Name: Alaska Access     

Tenure: Plan Yes  No  Current Status:     

STOCKPILE SITE TYPE HISTORY

Date:      Amount:      Cu.Yds.

Description:      Tree Cover:     

Material: Gravel Deposit:     

Past Use:      Date:     

Performance Rating:      Amount Used:     

Remarks:     

TEST SUMMARY

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

Date: June/58 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							LL	PI
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200		
Pitrun		85	59	38	33	24	5	1	--	--

Potential Conflicts

Environmental:     

Land Use:     

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 172

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1098.5 KP  Highway Name: Alaska Access

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE** Date:  Amount:  Cu.Yds.

**SITE** Description: Flat Tree Cover: Open

**TYPE** Material: Gravel - River Flat Deposit: Alluvial

**HISTORY** Past Use: Borrow - Bridge Approach Date:   
 Performance Rating:  Amount Used:   
 Remarks:

**TEST SUMMARY** Augered  Pitted  Trenched  Not Indicated   
 Lab. Test  Sketch (Plan)  Crushed:

Date: May/58 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
		95	80	57	46	33	13	5	—	—

**Potential Conflicts** Environmental:   
 Land Use:

**REFERENCE:**

DPW Materials Inventory; Alaska Highway Technical Data

**YUKON GRAVEL INVENTORY**

R.H. Area: <u>Kluane</u>	Borrow or Test Site No: <u>173</u>
Location: Highway No: <u>1</u> Side R <input type="checkbox"/> L <input checked="" type="checkbox"/>	Distance: <u>Adjacent</u>
MP <u>1098.8</u> KP <u>    </u> Highway Name: <u>Alaska</u>	Access: <u>    </u>
Tenure: Plan Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>    </u>

STOCKPILE SITE TYPE  HISTORY	Date: <u>    </u>	Amount: <u>    </u> Cu.Yds.
	Description: <u>    </u>	Tree Cover: <u>Mod. Spruce</u>
	Material: <u>Glacial Till</u>	Deposit: <u>    </u>
	Past Use: <u>    </u>	Date: <u>    </u>
	Performance Rating: <u>    </u>	Amount Used: <u>    </u>
	Remarks: <u>    </u>	

TEST SUMMARY	Augered <input checked="" type="checkbox"/> Pitted <input type="checkbox"/> Trenched <input type="checkbox"/> Not Indicated <input type="checkbox"/>												
	Lab. Test <input checked="" type="checkbox"/> Sketch (Plan) <input checked="" type="checkbox"/> Crushed: <input type="checkbox"/>												
	Date: <u>Oct/71</u> Sites Sampled: <u>7 Holes</u>												
SUBSURFACE TEST RESULTS	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Depth</th> <th style="width:20%;">Max.</th> <th style="width:20%;">Min.</th> <th style="width:30%;">Average</th> </tr> </thead> <tbody> <tr> <td>Overburden</td> <td><u>7½'</u></td> <td><u>1'</u></td> <td></td> </tr> <tr> <td>Material</td> <td><u>10'</u></td> <td><u>2'</u></td> <td></td> </tr> </tbody> </table>	Depth	Max.	Min.	Average	Overburden	<u>7½'</u>	<u>1'</u>		Material	<u>10'</u>	<u>2'</u>	
	Depth	Max.	Min.	Average									
	Overburden	<u>7½'</u>	<u>1'</u>										
Material	<u>10'</u>	<u>2'</u>											
Quantity: (CuYds) Estimated <u>    </u> Proven <u>    </u>													
	Remarks: <u>Permafrost and swamp present. Not a feasible site for crusher.</u>												

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>    </u>	Crush Count: <u>    </u>								
Other Tests: <u>    </u>										
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
<u>5</u>	<u>7½-14'</u>			<u>99</u>	<u>95</u>	<u>86</u>	<u>67</u>	<u>49</u>	<u>20.5</u>	<u>2.6</u>

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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X • X  
SWAMP  
X

SITE NO 173  
KLUANE R.M.A.

TEST AREA  
ALASKA HIGHWAY MP 1098.8 LHS

1 IN = 200 FT

• TEST HOLES

**YUKON GRAVEL INVENTORY**

R.M. Area: Kluane Borrow or Test Site No: 174

Location: MP 1098.8 Highway No: 1 Side R Distance: Adjacent  
 KP Alaska Highway Name: Alaska Access: Poor

Tenure: Plan Yes  No  Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date:  Amount:  Cu. Yds.

Description: Mod. Slope Tree Cover: Thick Spruce

Material: Clay, Gravel 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		Z 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>Kluane</u>	Borrow or Test Site No: <u>175</u>
Location: <u>MP 1099.8</u> Highway No: <u>1</u> Side <input checked="" type="checkbox"/> R <input type="checkbox"/> L Distance: <u>Adjacent</u>	Access: <u>None</u>
Highway Name: <u>Alaska</u>	
Tenure: <u>Plan</u> Yes <input type="checkbox"/> No <input type="checkbox"/>	Current Status: <u>Inactive</u>

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>Gravel</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"/>				

<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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

REFERENCE:	<input style="height: 100px;" type="text"/>
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**YUKON GRAVEL INVENTORY**

<b>R.M. Area:</b> Kluane	<b>Borrow or Test Site No:</b> 176
<b>Location:</b> Highway No: 1 MP 1101.3 KP <input type="checkbox"/> Highway Name: Alaska	<b>Side:</b> R <input checked="" type="checkbox"/> L <input type="checkbox"/> <b>Distance:</b> 0.25 mi <b>Access:</b> Poor-soft sections
<b>Tenure:</b> Gravel Pit Reserve Plan <b>Current Status:</b> Active Plan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

<b>STOCKPILE SITE TYPE HISTORY</b>	<b>Date:</b> May/77	<b>Crush</b> Amount: ± 3000 Cu.Yds.
	<b>Description:</b> Moderate Slope	<b>Tree Cover:</b> Heavy Spruce
	<b>Material:</b> Silt, Sand, Gravel	<b>Deposit:</b>
	<b>Past Use:</b> Borrow - Surfacing	<b>Date:</b> 1967
	<b>Performance Rating:</b> Poor	<b>Amount Used:</b>
<b>Remarks:</b>		

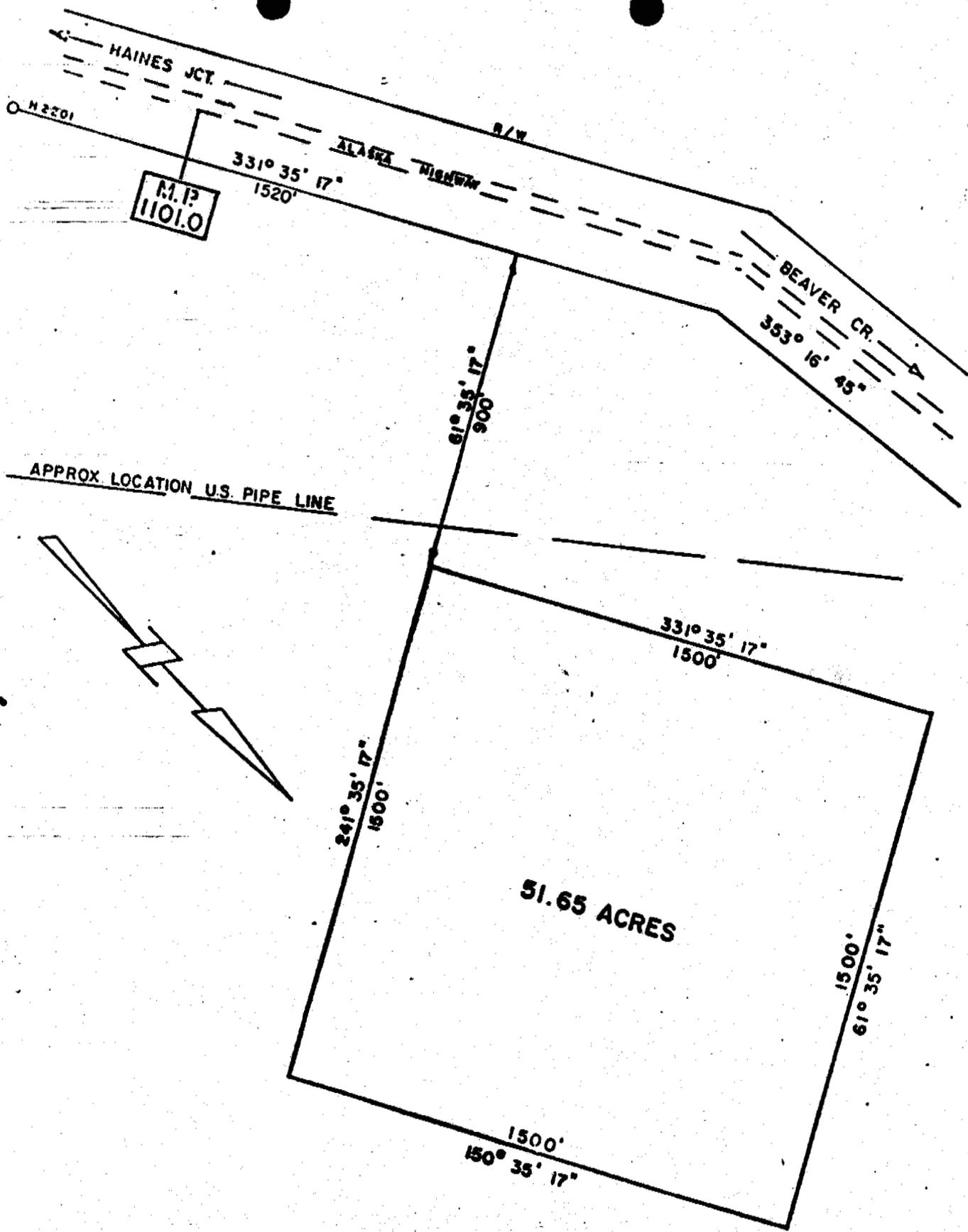
<b>TEST SUMMARY</b>	<b>Augered</b> <input checked="" type="checkbox"/> <b>Pitted</b> <input type="checkbox"/> <b>Trenched</b> <input type="checkbox"/> <b>Not Indicated</b> <input type="checkbox"/>			
	<b>Lab. Test</b> <input checked="" type="checkbox"/> <b>Sketch (Plan)</b> <input type="checkbox"/> <b>Crushed:</b> <input type="checkbox"/>			
<b>SUBSURFACE TEST RESULTS</b>	<b>Date:</b>	<b>Sites Sampled:</b> 21 Holes		
	<b>Depth</b>	<b>Max.</b>	<b>Min.</b>	<b>Average</b>
	<b>Overburden</b>			
	<b>Material</b>			
	<b>Quantity:(CuYds)Estimated</b>	<b>Proven</b>		
<b>Remarks:</b> Permafrost Present, little plasticity in material.				

<b>LAB. TEST RESULTS</b>	<b>Los Angeles Abrasion % Loss:</b>	<b>Crush Count:</b>
<b>Other Tests:</b>	<b>Petrographic Analysis:</b> Gabbro - 40%; Quartzite - 30%; Diorite - 15%; Limestone - 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
Pitrun-Av.	5 Holes	100	100	97	90	76	57	37	17	2
Pitrun-Av.	2 Holes	87	71	54	45	38	30	20	--	--
(silty gravel)										
Crush-3/4"	Av. 21 Holes		99	70	55	43	28	19	17	3

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

<b>REFERENCE:</b>	DPW Legal File DPW Materials Inventory, Alaska Highway Technical Data
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DEPARTMENT OF PUBLIC WORKS  
 MINISTÈRE DES TRAVAUX PUBLICS  
 WHITEHORSE  
 Y.T.

Drawing title:  
 Titre du dessin: **GRAVEL PIT RESERVE**  
 scale:  
 échelle:  
 date:  
**ALASKA HIGHWAY  
 M.P. 1101.3**

designed by conçu par	d311
drawn by dessiné par	N. LOWES JAN. 1972
reviewed by examiné par	
approved by approuvé par	
Project no. no. du projet	CAD. NO. 22-71
Y.S. 72-14	22-71

**YUKON GRAVEL INVENTORY**

**R.H. Area:** Kluane **Borrow or Test Site No:** 177

**Location:** Highway No: 1 Side  R  L Distance: Adjacent  
 MP 1101.9 KP      Highway Name: Alaska Access     

**Tenure:** Plan Yes  No  **Current Status:** Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Yds.

Description: Flat Tree Cover: Thick Spruce

Material: Gravel 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: Kluane Borrow or Test Site No: 178

Location: Highway No: 1 Side R  L  Distance: 0.2 mi  
 MP 1102.4 KP      Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status: Inactive

**STOCKPILE SITE TYPE HISTORY**

Date:      Amount:      Cu.Yds.

Description: Gentle Sidehill Tree Cover: Thick Spruce

Material: Gravel, Clay 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: Kluane Borrow or Test Site No: 179

Location: Highway No: 1 Side R  L  Distance: Adjacent  
 MP 1102.6 KP          Highway Name: Alaska Access Poor

Tenure: Plan Yes  No  Current Status:         

STOCKPILE SITE TYPE HISTORY

Date:          Amount:          Cu.Yds.

Description: Flat, Swampy Tree Cover: Thick Buckbrush

Material: Clay Deposit:         

Past Use:          Date:         

Performance Rating:          Amount Used:         

Remarks:         

TEST SUMMARY

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

Date:          Sites Sampled: 4 Pits

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden		1'	
Material		1'	

Quantity (CuYds) Estimated          Proven         

Remarks: Swampy with permafrost 2 ft. below surface.

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
Av.-4 Pits	1'-2'					100	99	94	34	14

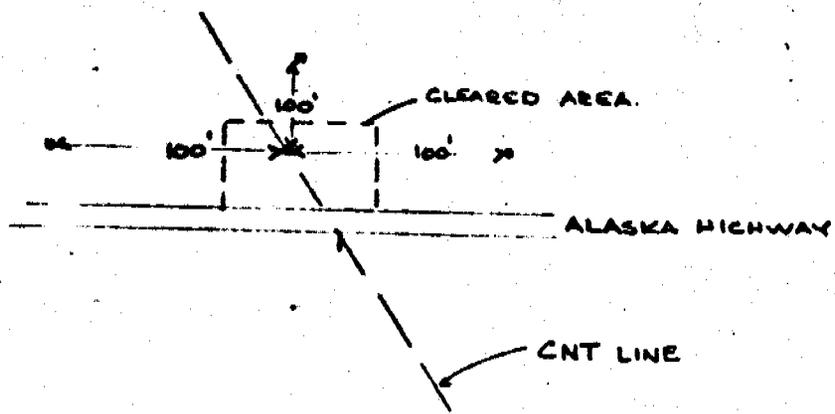
Potential Conflicts

Environmental:         

Land Use:         

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data



SITE NO 179  
KLUANE R.M.A.

TEST AREA  
ALASKA HIGHWAY MP 1102.6 RNS

NO SCALE

• TEST PITS