

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

TESLIN

#12
of 16



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INTRODUCTION

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

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

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

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

Eagle River bridge (MP 236) and recreation roads such as Kusawa Lake Road, Mush Lake Road, Freegold Road, Nansen Road, Ethel Lake Road, ~~Maye 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.

- 4 -
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 SITE TYPE HISTORY

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

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

Material: Gravel **Deposit:**

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

Performance Rating: **Amount Used:**

Remarks:

TEST SUMMARY

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

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

SUBSURFACE TEST RESULTS

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

Quantity: (CuYds) Estimated Proven

Remarks: Some calcite coating gravel.

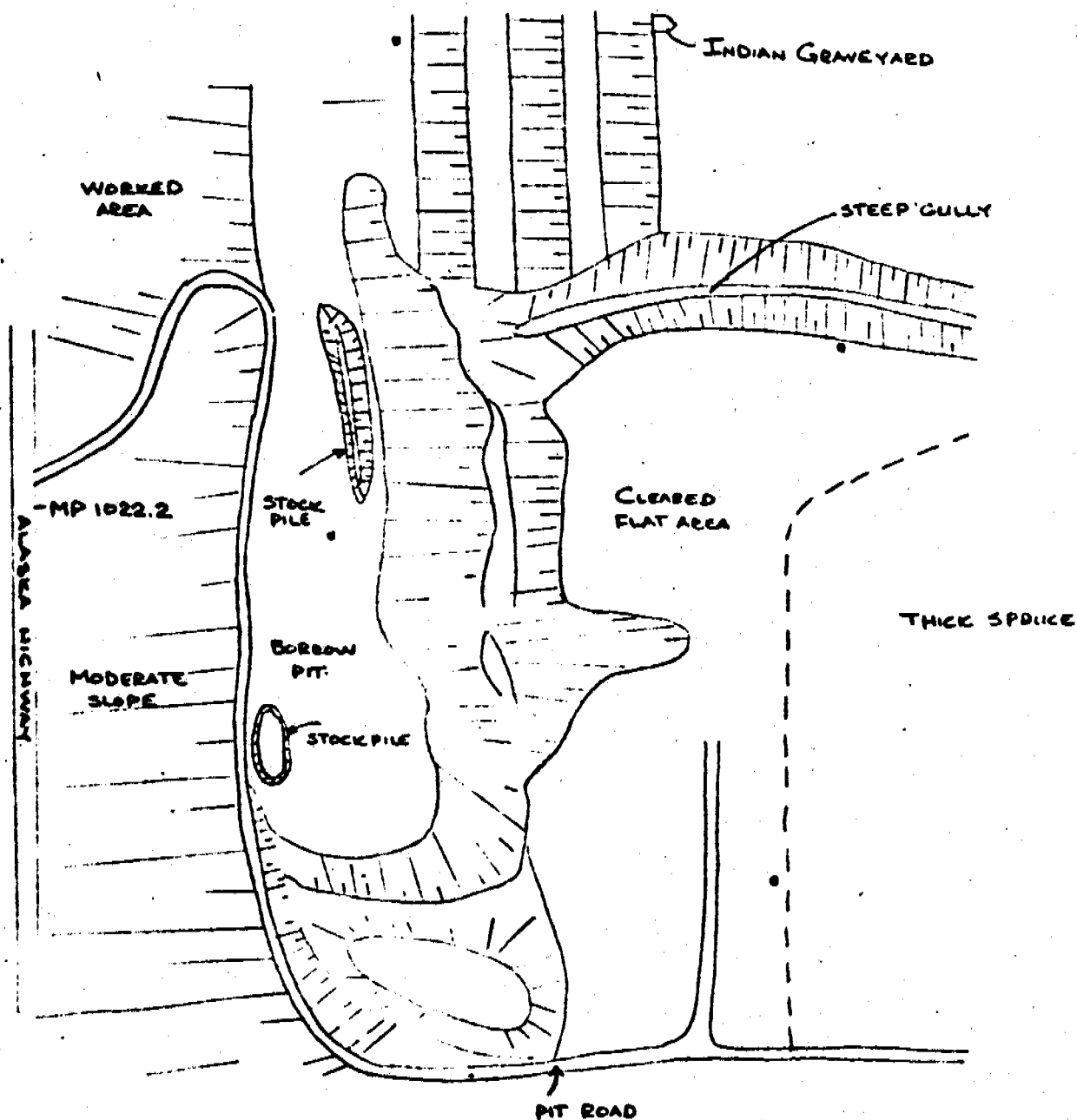
LAB. TEST RESULTS Los Angeles Abrasion % Loss: 17.3 **Crush Count:**

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

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

Potential Conflicts Environmental: Indian Grave, Scenic Viewpoint
Land Use:

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



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

NO SCALE
● TEST PIT

(A) GEOGRAPHIC LOCATION

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

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

(2) Borrow or Test Site Number

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

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

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

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

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

(3) Location

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

YUKON GRAVEL INVENTORY

R.M. Area: Teslin

Borrow or Test Site No: 1

Location:

Highway No: 1

Side R ☐ L ☒

Distance: 0.15 Mi.

MP 728.9

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:

Sites Sampled:

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

Material

Quantity (CuYds)

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. 30	No. 200	LL	PI
745	5'	94	72	42	28	14	7	3	-	NP

Potential
Conflicts

Environmental:

Land Use:

REFERENCE:

DPW Material Inventory - Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>2</u>	
Location: <u>MP 729.</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u> </u>	
Yes ☐ No ☐			

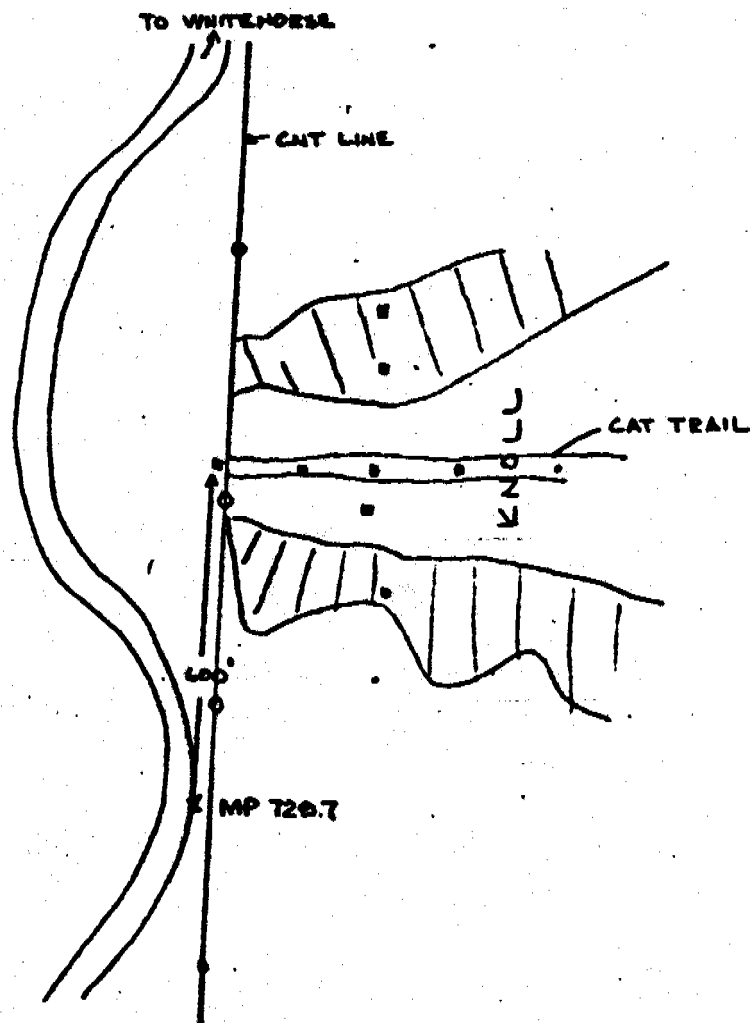
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Knoll with Three Benches</u>	Tree Cover: <u> </u>
	Material: <u>Salt, Sand and Gravel</u>	Deposit: <u> </u>
	Past Use: <u> </u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
	Remarks: <u> </u>	

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>July/71</u>		Sites Sampled: <u>10 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2'</u>	<u>0</u>	
	Material	<u>14'</u>	<u>4'</u>	
	Quantity (CuYds) <u> </u>		Proven <u> </u>	
	Remarks: <u>Binder Possiblility However Appears to be Limited Quantity</u>			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>																																																																	
Other Tests:	Petrographic Analysis: Rhyolite - 3%, Granitic - 53%, Quartzite - 38%, Limestone - 2%, Others - 4%																																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 40</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td>Pitrun</td> <td></td> <td>92</td> <td>83</td> <td>73</td> <td>66</td> <td>58</td> <td>38</td> <td>22</td> <td>15</td> <td>7</td> </tr> <tr> <td>Au-Crush</td> <td>3/4"</td> <td>100</td> <td>98</td> <td>73</td> <td>61</td> <td>49</td> <td>31</td> <td>19</td> <td>-</td> <td>-</td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			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		92	83	73	66	58	38	22	15	7	Au-Crush	3/4"	100	98	73	61	49	31	19	-	-																						
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		92	83	73	66	58	38	22	15	7																																																									
Au-Crush	3/4"	100	98	73	61	49	31	19	-	-																																																									

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

REFERENCE:	DPW Materials Inventory - Alaska Highway Technical Data
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SITE NO. 2
TESLIN RMA
TEST AREA
ALASKA HIGHWAY MP 720.7
NO SCALE
■ TEST PIT

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 3	
Location: MP 730.0	Highway No: 1	Side R ☒ L ☐	Distance: 0.1 Mi.
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: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds)	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
748	5'	77	60	40	30	19	12	9	-	NP

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory - Alaska Highway Data
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YUKON GRAVEL INVENTORY

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>4</u>	
Location: <u>MP 730.1</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>0.05 MI</u>
MP <u>730.1</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>
Tenure: <u>Plan</u>		Current Status: <u>Yes</u> ☐ <u>No</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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<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)	Proven <u> </u>		
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>747</u>	<u> </u>	<u>75</u>	<u>61</u>	<u>45</u>	<u>35</u>	<u>27</u>	<u>16</u>	<u>9</u>	<u>-</u>	<u>NP</u>

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

REFERENCE:	<u>DPW aterials Inventory - Alaska Highway Data</u>
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YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 5	
Location: MP 730.2	Highway No: 1	Side R ☒ L ☒	Distance: Adjacent
KP	Highway Name: Alaska	Access	
Tenure: Plan Yes ☒ No ☐		Current Status: Active - LHS Undeveloped - RHS	

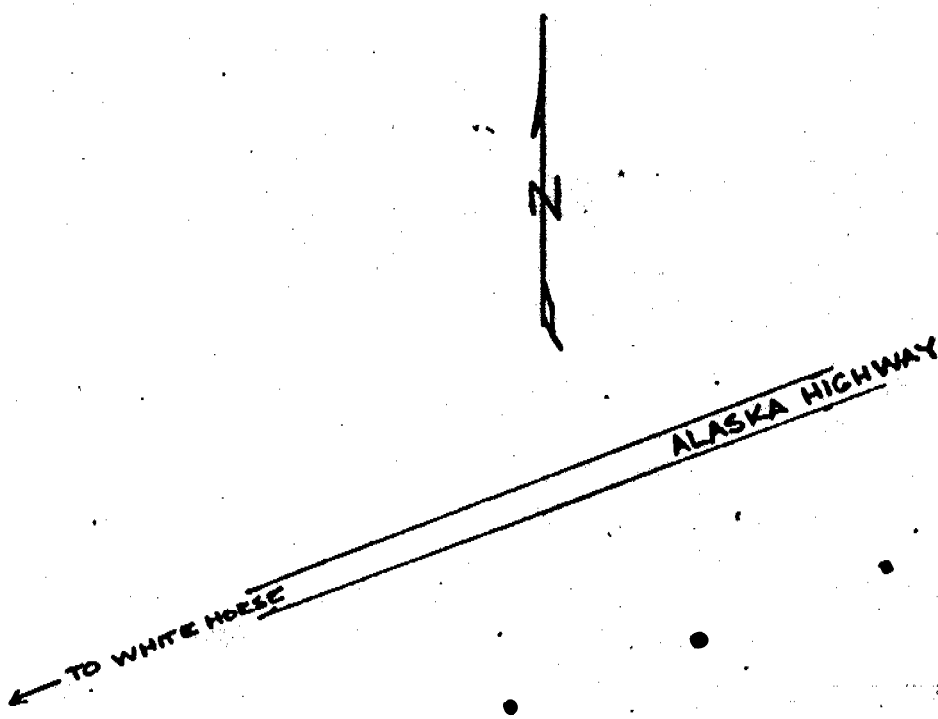
STOCKPILE SITE TYPE HISTORY	Date: June/77	LHS Crush	Amount: + 500 Cu.Yds.
	Description: Gently Rolling	Tree Cover: light Spruce, Pine	
	Material: Gravel	Deposit:	
	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
Remarks:			

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: July/71		Sites Sampled: 10 Pits LHS, 6 Pits RHS	
	Depth	Max.	Min.	Average
	Overburden	5'	0	1.5
	Material	14'	6'	
	Quantity (CuYds)		Proven	
Remarks: Highwater Table Bounded by Swampy Area Material Quite Coarse on RHS Higher up on Fan Water Table 0 - 12'				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
	Other Tests: Petrographic Analysis: RHS-Granitic 40%, Quartzite 40%, Phillite 10%, Others 10%. LHS - Granitic 50%, Basaltic 25%, Quartzite 25%									
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-RHS		84	69	56	47	37	19	3	-	0
Pitrun-LHS		72	60	48	39	31	13	3	-	0
Crush-3/4"	LHS	100	96	64	47	34	14	4	-	0

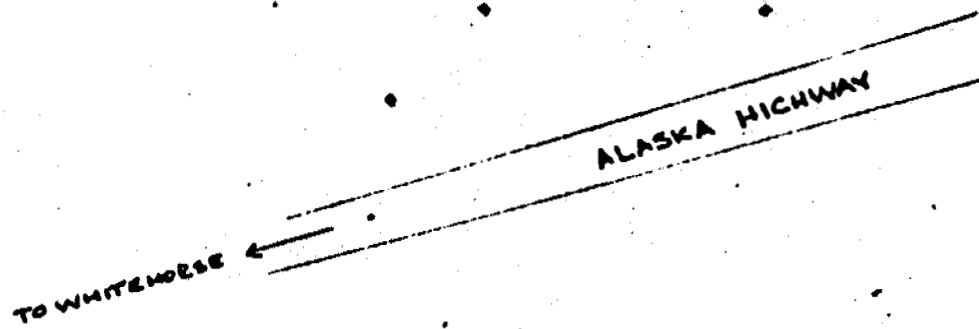
Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory - Alaska Highway Technical Data
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WATER

SITE NO. 5
TESLIN RMA
TEST AREA
ALASKA HIGHWAY MP 730.2 LHS
1 IN = 200 FT
■ TEST PIT



SITE NO 5
TESLIN R.M.A.

TEST AREA
ALASKA HIGHWAY MPT 30.2 RWS
1 in = 200 FT
■ TEST PIT

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 6	
Location: MP 730.8	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
KP	Highway Name: Alaska	Access: Good	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount:	Cu.Yds.
	Description: Moderate Sidehill		Tree Cover Heavy Pine, Spruce
	Material: Sandy Gravel		Deposit:
	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
Remarks:			

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds)	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:	
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>7</u>	
Location: <u>MP 731.6</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>0.24 MI.</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Plan Yes ☐ No ☒		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 16 Sand & 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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<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)	Proven <u> </u>		
Remarks: <u> </u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>																																																																	
Other Tests: <u> </u>	<u> </u>																																																																		
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 30</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td>739</td> <td>5'</td> <td>100</td> <td>71</td> <td>56</td> <td>49</td> <td>41</td> <td>30</td> <td>15</td> <td>-</td> <td>NP</td> </tr> <tr> <td>60/1967</td> <td></td> <td>100</td> <td>96</td> <td>89</td> <td>72</td> <td>55</td> <td>No. 40 45</td> <td>35</td> <td>-</td> <td>0.0</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>			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	739	5'	100	71	56	49	41	30	15	-	NP	60/1967		100	96	89	72	55	No. 40 45	35	-	0.0																						
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																																																									
739	5'	100	71	56	49	41	30	15	-	NP																																																									
60/1967		100	96	89	72	55	No. 40 45	35	-	0.0																																																									

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

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

R.M. Area: Teslin		Borrow or Test Site No: 8	
Location: MP 731.6	Highway No: 1	Side R ☒ L ☐	Distance: 0.6 Mi.
KP	Highway Name: Alaska	Access	
Tenure: Plan Yes ☐ No ☐		Current Status:	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover:
	Material: Gravelly Sand & Glacial Till	Deposit:
	Past Use:	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity:(CuYds)		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.30	No.200	LL	PI
739	5'	100	71	56	49	41	30	15	-	NP
60/69		100	96	89	72	55	No. 40 45	35	-	0

Potential Conflicts	Environmental:
	Land Use:

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

R.M. Area: Teslin		Borrow or Test Site No: 9	
Location: MP 731.8	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Alaska	Access	
Tenure: Plan		Yes ☐ No ☐	Current Status: Inactive

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Heavy Pine	
SITE			
TYPE	Material: Sand	Deposit:	
HISTORY	Past Use:	Date:	
	Performance Rating: Borrow	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 10	
Location:	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
MP 731.8	KP Highway Name: Alaska	Access	Good
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive - Used as Garbage Dump	

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Mod. Pine	
	Material: Sand	Deposit:	
HISTORY	Past Use: Borrow - Relocation	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>11</u>	
Location:	Highway No: <u>1</u>	Side: R ☐ L ☒	Distance: <u>Adjacent</u>
MP <u>731.9</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access: <u>None</u>
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive	

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Flat Knoll	Tree Cover: Mod. Pine	
	Material: Sand	Deposit:	
HISTORY	Past Use: Borrow - Relocation	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		M1...		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated							
	Proven							
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>12</u>	
Location: MP <u>732.4</u>	Highway No: <u>1</u>	Side R ☒ L ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Plan Yes ☐ No ☐		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 Pine, Spruce</u>
	Material: <u>Silty Sandy Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Relocation</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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)	Proven <u> </u>		
Remarks: <u> </u>				

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

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

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

R.M. Area: Teslin		Borrow or Test Site No: 13	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: 0.1 mi
MP 732.6	KP	Highway Name: Alaska	Access Good
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive	

STOCKPILE	Date:	Amount:	Cu. Yds.
	Description: Flat		Tree Cover: Heavy Pine
SITE	Material: Gravel		Deposit:
	Past Use: Borrow - Relocation		Date:
TYPE	Performance Rating:		Amount Used:
	Remarks:		
HISTORY			

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Testlin</u>		Borrow or Test Site No: <u>14</u>	
Location:	Highway No: <u>1</u>	Side R ☐ L ☐	Distance: <u>0.1</u>
MP <u>732.7</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	<u>Inactive</u> - Behind YTC Campsite	

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Steep Sidehill		Tree Cover: Heavy Pine
SITE	Material: Gravel		Deposit:
	Past Use: Borrow	Date:	
TYPE	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 15	
Location:	Highway No: 1	Side R ☐ L ☐	Distance: 0.6 mi
MP 733.1	KP ☐	Highway Name: Alaska	Access: None
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: Not Developed	
Yes ☒ No ☐			

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

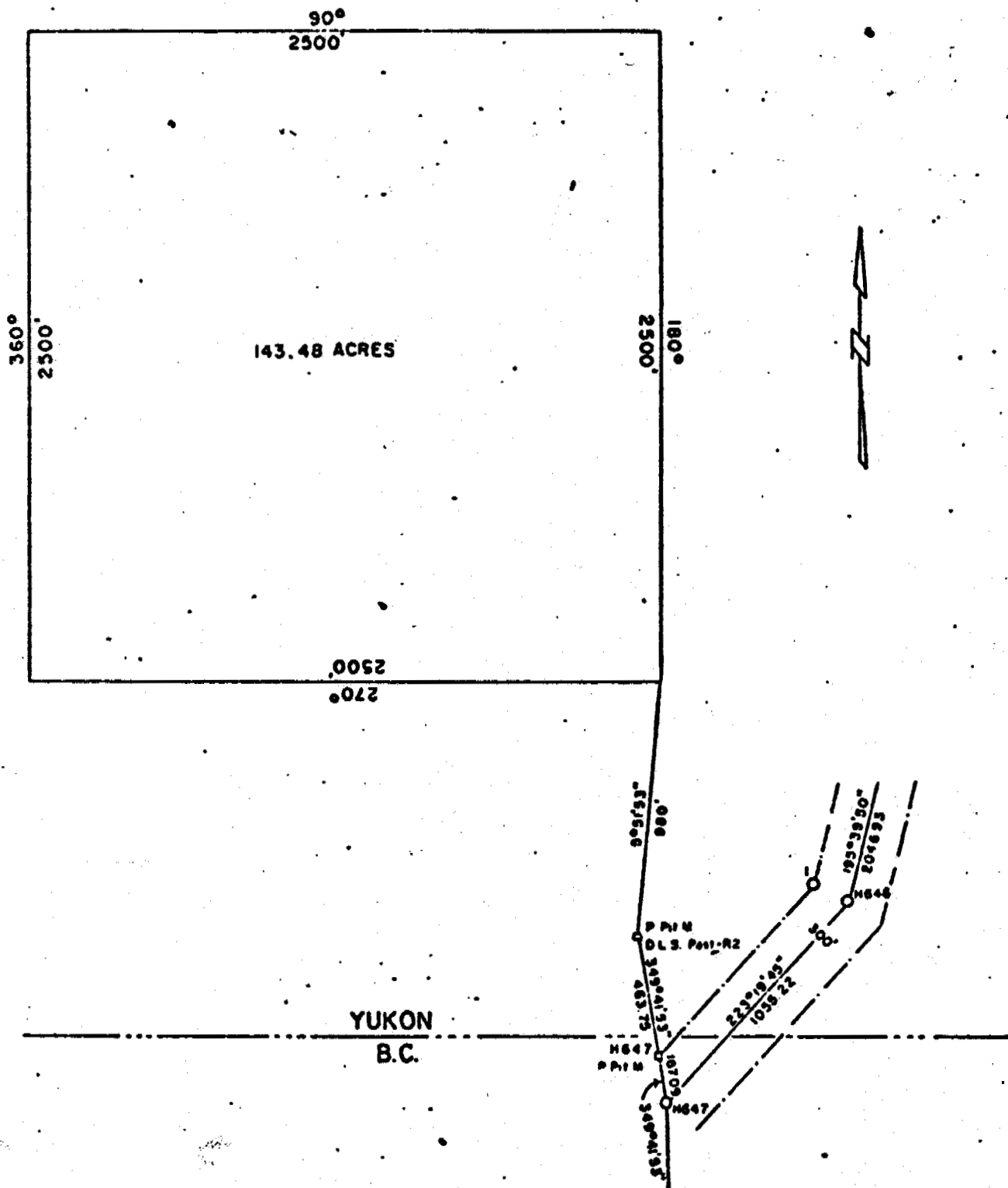
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☒	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

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 Scale
1" = 600'

GRAVEL PIT RESERVE
R.H.S.

ALASKA HIGHWAY
M.P. 733

Drawn By R.F.	29/3/72
Checked By R.F.	
Approved By R.F.	
Drawn By R.F.	
Checked By R.F.	
Approved By R.F.	
T.S. 72-82	22-95

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 16	
Location: MP 776.7	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
KP Highway Name: Alaska		Access	
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: Active	

STOCKPILE SITE TYPE HISTORY	Date: May/66	Amount: 10,000 Cu.Yds.
	Description: Flat - Rolling Bench	Tree Cover: Mod. Spruce & Pine
	Material: Clay, Silt Sand & 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: ☐	
SUBSURFACE TEST RESULTS	Date: Aug/71		Sites Sampled: 11 Pits, 4 Trenches	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks: Permafrost and muskeg adjacent to proposed work area.			

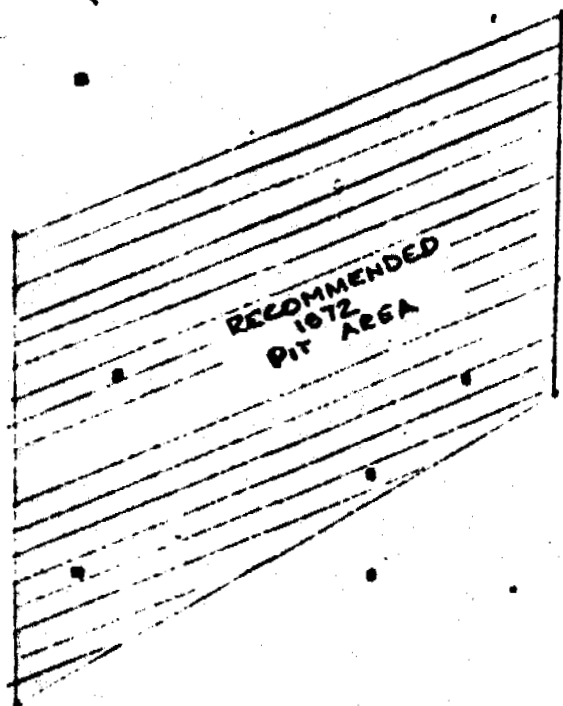
LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:										
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Pitrun		89	82	77	71	65	53	37	21	6
Crush-3/4"	1973		98	77	65	54	39	20		

Potential Conflicts	Environmental:
	Land Use:

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

ALASKA HIGHWAY



SITENO. 16
TESLIN RMA.

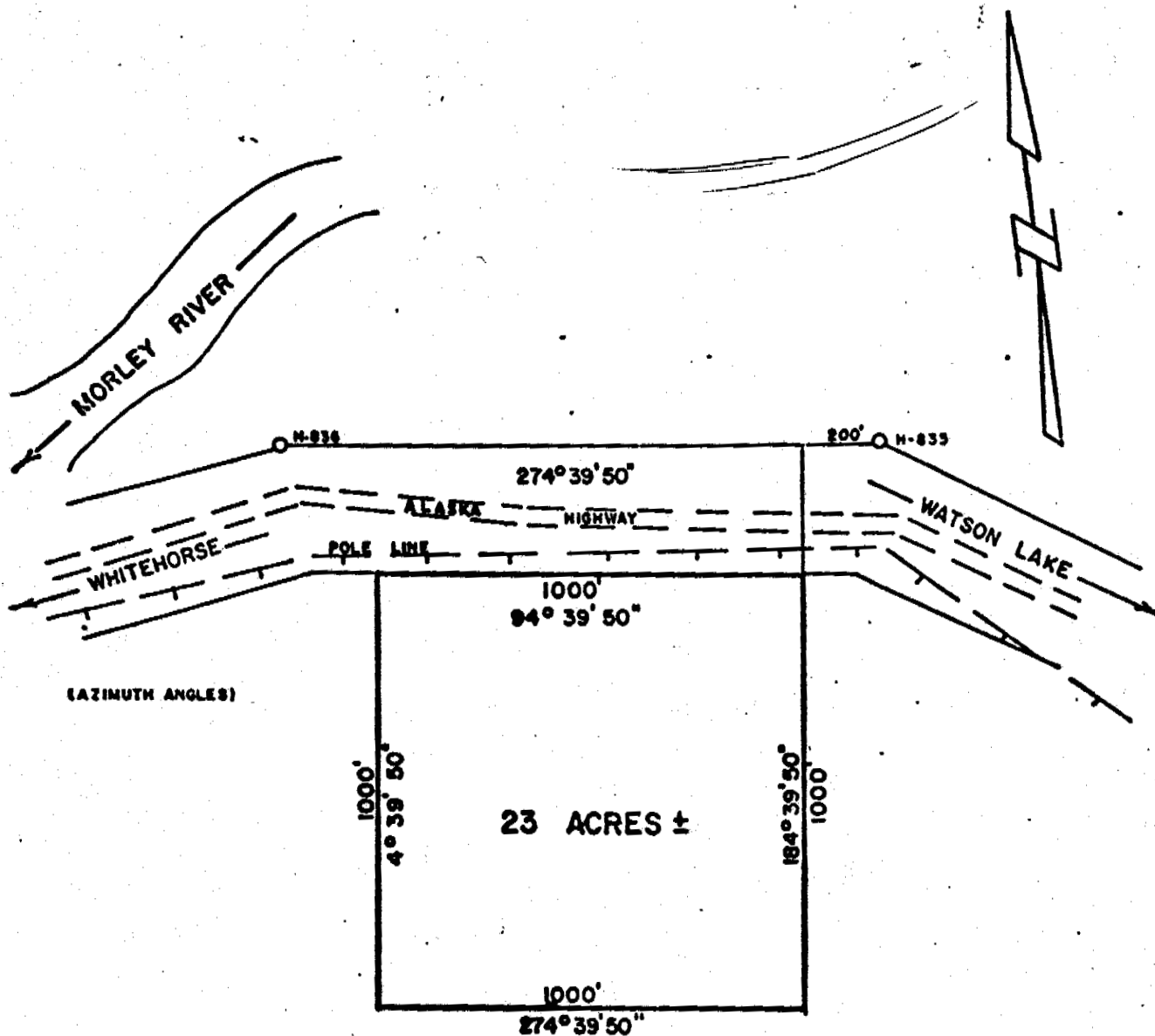
TEST AREA

ALASKA HIGHWAY MP 776.7 LH

SCALE 1 IN = 100 FT.

■ TEST PIT

▭ TEST TRENCH



ORIGINAL IN
FILE



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. 776.7**

designed by conçu par	date
drawn by dessiné par	N. LOWES JAN 1973
reviewed by examiné par	
approved by approuvé par	
project no. no. du projet	dwg. no. dessin no.

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

23 acres, more or less, which parcel is described as

follows: Commencing at legal survey monument P.P.M. -H-835, thence on a true bearing of $274^{\circ} 39' 50''$ azimuth for a distance of 115'.
Thence 1000' $184^{\circ} 39' 50''$ azimuth
Thence 1000' $274^{\circ} 39' 50''$ azimuth
Thence 1000' $4^{\circ} 39' 50''$ azimuth
Thence 1000' $94^{\circ} 39' 50''$ to the point of commencement and containing 23 acres more or less.

Mile 776.7 L.H.S. Yukon Territory

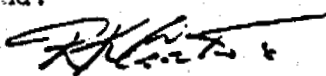
For the purpose of gravel pits.

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 14 day of Jan 1972.

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>17</u>	
Location: <u>MP 770.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. <u> </u>		Current Status: <u>Active</u>	
Plan <u>Yes</u> ☐ <u>No</u> ☐			

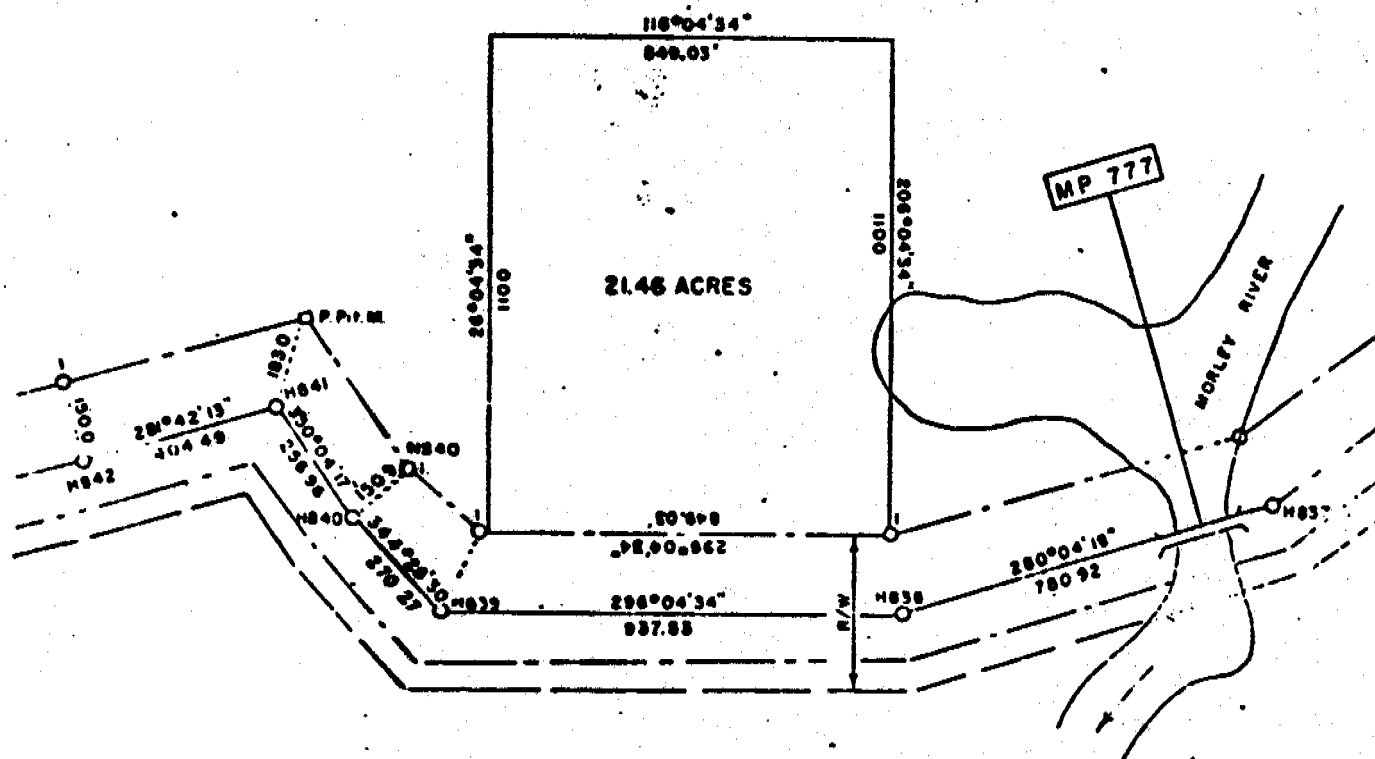
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>		Amount: <u> </u> Cu.Yds.	
	Description: <u>Gentle Rolling</u>		Tree Cover: <u>Mod. Spruce & Pine</u>	
	Material: <u>Gravel</u>		Deposit: <u> </u>	
	Past Use: <u>Borrow</u>		Date: <u> </u>	
	Performance Rating: <u> </u>		Amount Used: <u> </u>	
Remarks: <u> 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

TEST SUMMARY	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐ Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐			
	Date: <u> </u> Sites Sampled: <u> </u>			
SUBSURFACE TEST RESULTS	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated <u> </u> Proven <u> </u>			
Remarks: <u>2 Pits about 400 feet apart</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:	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

GRAVEL PIT RESERVE
R.H.S.

Scale 1" = 400'

ALASKA HIGHWAY
MP 777

TS 72-63

22-73

YUKON GRAVEL INVENTORY

R.M. Area: Teslin

Borrow or Test Site No: 18

Location:

Highway No: 1

Side R ☐ L ☒

Distance: Adjacent

MP 780.2

KP

Highway Name: Alaska

Access

Tenure:

Plan

Yes ☐No ☐

Current Status:

Active

STOCKPILE

SITE

TYPE

HISTORY

Date: May/77

Crush

Amount: 500

Cu.Yds.

Description: Flat

Tree Cover: Heavy Pine

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:

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>Teslin</u>		Borrow or Test Site No: <u>19</u>	
Location: MP <u>780.4</u>	Highway No: <u>1</u>	Side R ☐ L ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Plan <u> </u>		Current Status: <u> </u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	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>	

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☒												
	Lab. Test ☒ Sketch (Plan) ☐ Crushed: ☐												
	Date: <u> </u> Sites Sampled: <u> </u>												
	<table border="1" style="width:100%"> <tr> <th>Depth</th> <th>Max.</th> <th>Min.</th> <th>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													
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>																																																																													
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 8</th> <th>No. 30</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td></td> <td></td> <td>92</td> <td>84</td> <td>70</td> <td>59</td> <td>48</td> <td>23</td> <td>2</td> <td>--</td> <td>--</td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>			Grain Size Analysis		% Passing Sieve Size								Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 30	No. 200	LL	PI			92	84	70	59	48	23	2	--	--																																												
Grain Size Analysis		% Passing Sieve Size																																																																												
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 30	No. 200	LL	PI																																																																				
		92	84	70	59	48	23	2	--	--																																																																				

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

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

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>20</u>	
Location: <u>MP 781.8</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. <u> </u>		Current Status: <u>Inactive - Small pit on LHS</u>	
Plan <u> </u> Yes <u> </u> No <u> </u>			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gently Rolling</u>	Tree Cover: <u>Heavy Pine & Spruce</u>
	Material: <u>Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - LHS</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

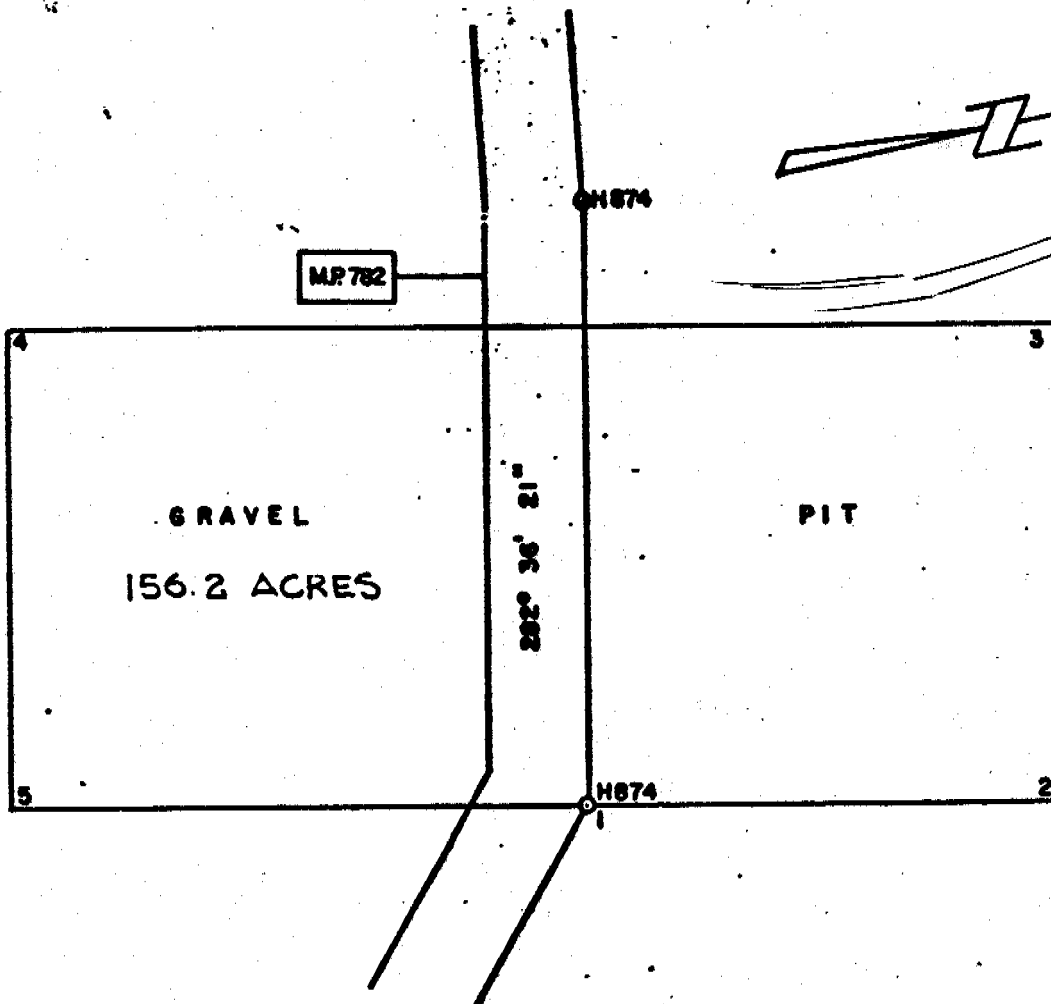
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u> </u>	Sites Sampled: <u> </u>		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated <u> </u>	Proven <u> </u>		
Remarks: <u> </u>				

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

Grain Size Analysis		% 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:	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:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 781.8

designed by
conçu par

date

drawn by
dessiné par

JUNE 1972

reviewed by
examiné par

approved by
approuvé par

project no.
no. du projet

draw no.
dessin no.

YUKON GRAVEL INVENTORY

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>21</u>	
Location: <u>MP 783.7</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u> </u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u> </u>	Tree Cover: <u>Mod. Spruce, Pine</u>
	Material: <u>Sand and 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 ☐	Pitted ☒	Trenched ☒	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Aug/71</u>		Sites Sampled: <u>13 Pits, 3 Trenches</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2.0'</u>	<u>0.5'</u>	
	Material	<u>13'</u>	<u>9'</u>	
	Quantity (CuYds) Estimated <u> </u>		Proven <u> </u>	
	Remarks: <u>Unsuitable for surfacing material.</u>			

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

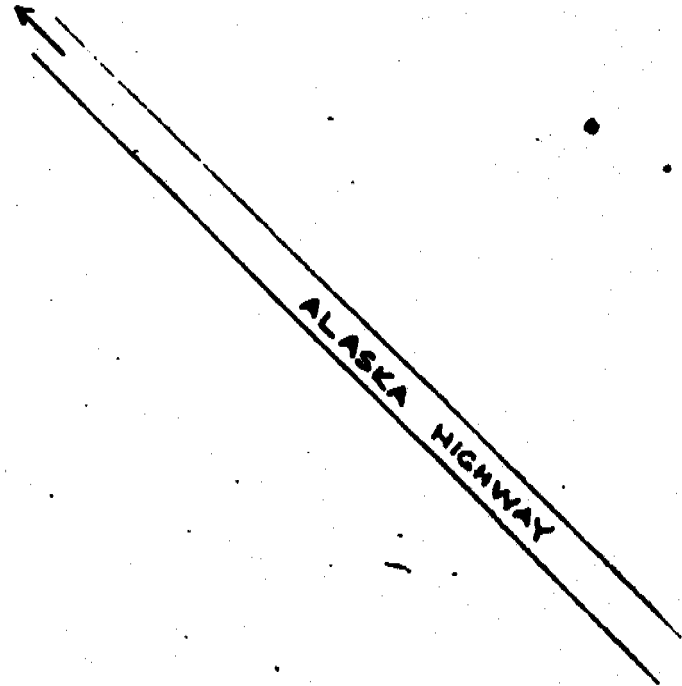
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200	LL	PI
Pitrun - Av.	7 pits	93	82	72	64	54	40	21	--	--
Av.3 Pits -	Sandy Clay								28	8

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data
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TO WHITEHORSE



ALASKA HIGHWAY

SITE NO 21
TESLIN RMA.
TEST AREA
ALASKA HIGHWAY MP 783.7 R.H.S
LIN = 200 FT
■ PIT
X TRENCH

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>22</u>	
Location: <u>MP 784.2</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>adjacent</u>
KP <u>784.2</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Gently Rolling</u>	Tree Cover: <u>Heavy Poplar, Pine</u>
	Material: <u>Gravel</u>	Deposit:
	Past Use: <u>Borrow</u>	Date:
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks:			

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 23	
Location: MP 785.7	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
KP Highway Name: Alaska		Access Good	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: 	Amount: Cu.Yds.
	Description: Flat Rolling	Tree Cover: Heavy Pine
	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: ☐	
SUBSURFACE TEST RESULTS	Date: 	Sites Sampled: 		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks: 			

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>24</u>	
Location: <u>MP 786.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
MP <u>786.0</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Mod. Pine, Spruce</u>
	Material: <u>Gravel</u>	Deposit:
	Past Use: <u>Borrow - Surfacing</u>	Date: <u>196 ?</u>
	Performance Rating: <u>Good</u>	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☒	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Aug/71</u>		Sites Sampled: <u>19 Pits, 6 Renges</u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
Remarks: <u>Very hard glacial till in pit.</u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:	Petrographic Analysis: Basalt - 10%; Limestone - 4%; Granite - 9%; Others - 15%; Gabbro - 7%; Quartzite - 51%; Schist - 4%									
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 Stockpile-1973</u>		86	76	69	61	47	13	2	--	--
<u>Crush-3/4" - 7 pits</u>		100	99	85	78	69	56	39	20	5
<u>Pitrun - Av. 10 pits</u>		94	89	82	76	68	54	35	21	6

Potential Conflicts	Environmental:
	Land Use:

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

ALASKA HIGHWAY

SITE NO. 24

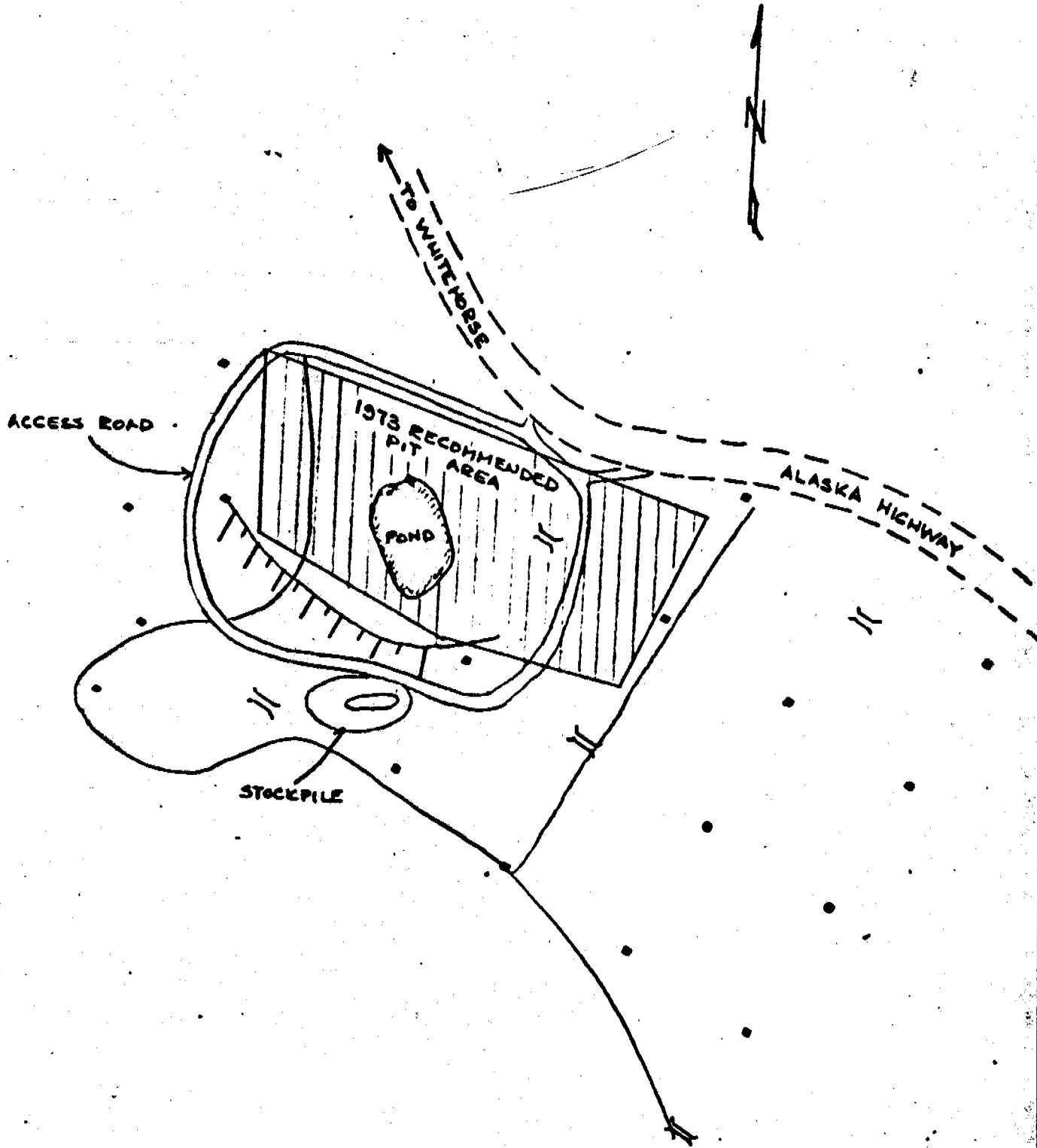
TESLIN R.M.A

TEST AREA

ALASKA HIGHWAY MP 786.0 LHS

± 1/4" = 200 FT

■ PIT
X TRENCH



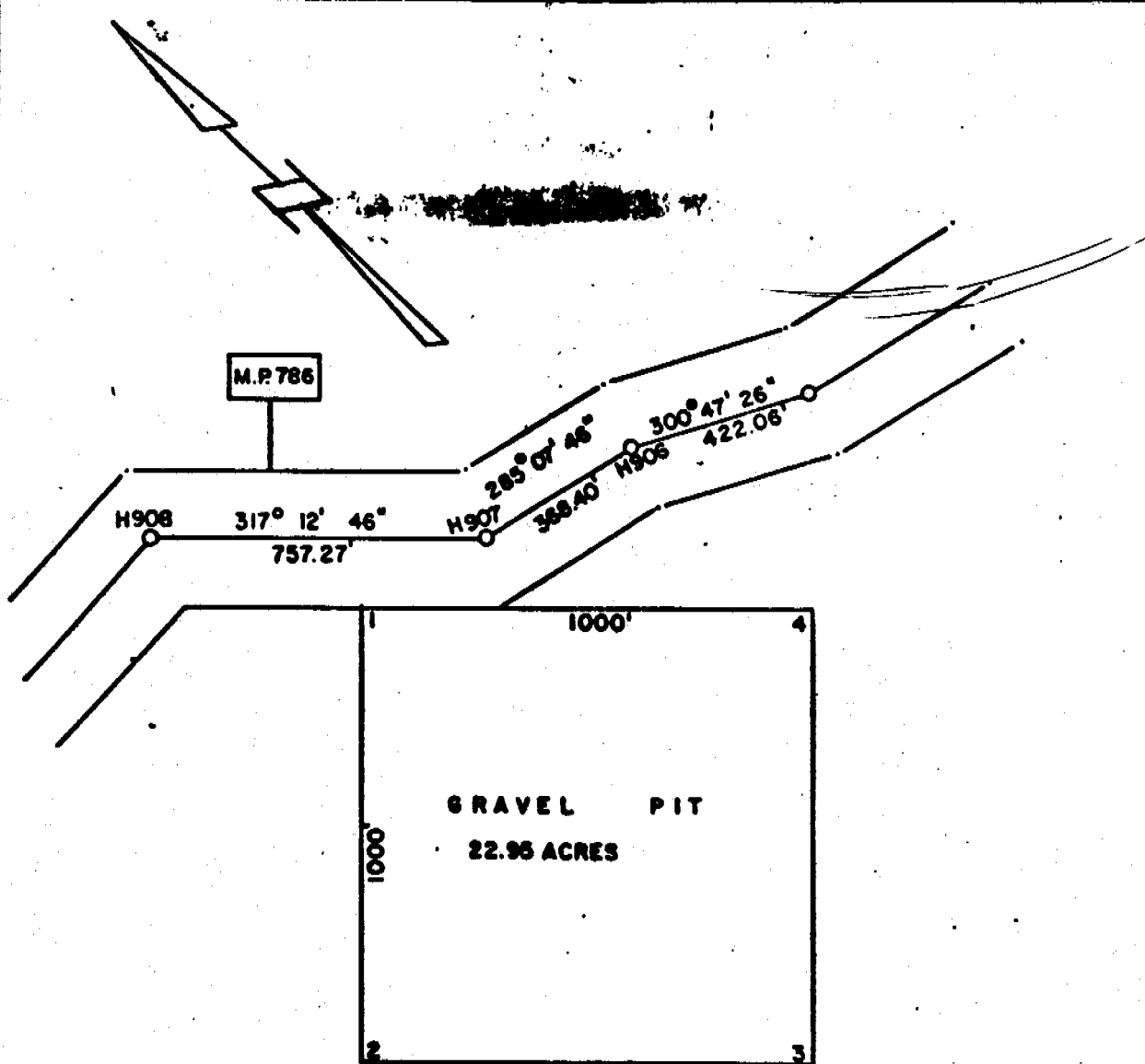
SITE NO 24
TESLIN R.M.A.

TEST SITE

ALASKA HIGHWAY MP 786.0 LHS
SCALE 1" = 200 FT

■ TEST PIT

}[TEST TRENCH



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. 786

designed by
conçu par

date

drawn by
dessiné par

JUNE 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>Teslin</u>		Borrow or Test Site No: <u>25</u>	
Location: <u>MP 786.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u>786.0</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Yes</u> ☐ <u>No</u> ☐	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Sidehill</u>	Tree Cover: <u>Mod. Pine</u>
	Material: <u>Silty Sand, 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 SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐ Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐												
	Date: <u> </u> Sites Sampled: <u> </u>												
	<table border="1" style="width:100%"> <tr> <th>Depth</th> <th>Max.</th> <th>Min.</th> <th>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												
Quantity: (CuYds) <u>Estimated</u> <u>Proven</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

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

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

R.M. Area: Teslin		Borrow or Test Site No: 26	
Location: MP 787.2	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Alaska	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Moderate Slope		Tree Cover: Thick Spruce, Pine
SITE	Material: Sandy Silt		Deposit:
	Past Use: Borrow	Date:	
TYPE	Performance Rating:	Amount Used:	
	Remarks:		
HISTORY			

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 27	
Location: MP 787.3	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
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: Thick Spruce, Pine
	Material: Silty Sandy Gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated	Proven		
	Remarks:			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
Other Tests:										
Grain Size Analysis	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:	
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YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 28	
Location:	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
MP 787.6	KP ☐	Highway Name: Alaska	Access ☐
Tenure:		Current Status:	
Plan	Yes ☐ No ☐		

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat - Rolling	Tree Cover: Heavy pruce	
SITE	Material: Gravel		Deposit:
TYPE	Past Use: Borrow	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>29</u>	
Location: <u>MP 787.8</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u> </u>	Access <u>Removed</u>	
Tenure: Plan Yes ☐ No ☐		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> </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 SUBSURFACE TEST RESULTS	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<u> </u>
	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 <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

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

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

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>30</u>	
Location: <u>MP 790.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distanced <u>4</u> mi
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Excellent - Old Highway</u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: <u>Inactive</u>	

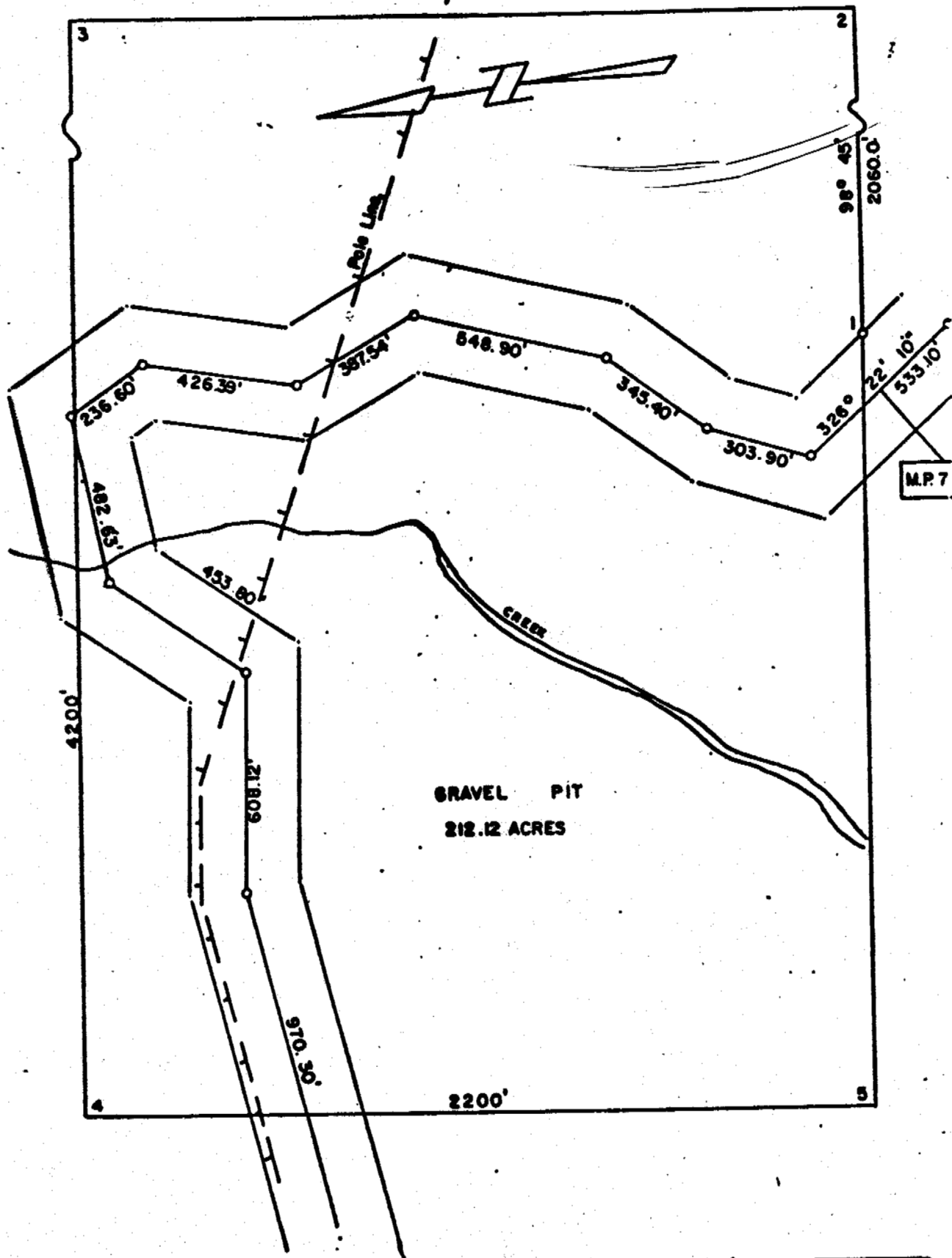
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Rolling</u>	Tree Cover: <u>Heavy Spruce & Pine</u>
	Material: <u>Sand</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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 <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		Z Passing Sieve Size
Hole No.	Depth	1-1/2" 3/4" 3/8" No. 4 No. 10 No. 30 No. 200 LL PI
<u>175</u>		<u>100 89 82 73 62 51 7 -- --</u>

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data 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:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 790.0

designed by
conçu par

drawn by
dessiné par

reviewed by
examiné par

approved by
approuvé par

project no.
no. du projet

JUL

LEGAL DESCRIPTION

Temporary Application - NWHS Pit
Pending Survey by Roads Department 1955

Mile 790

Post No. 1 is located on the Northerly Boundard of Existing R.O.W. 150 + feet from legal Survey Monument H 939 on a true bearing of 326 degrees 22 minutes 10 seconds; Thence 2060 + feet on a true bearing of 98 degrees 45 + minutes to Post No. 2; Thence 2200 + feet on a true bearing of 08 degrees 45 + minutes to Post No. 3; Thence 4200 + feet on a true bearing of 278 degrees 45 + minutes to Post No. 4; Thence 2200 + feet on a true bearing of 188 degrees 45 + minutes to Post No. 5; Thence 2140 + feet on a true bearing of 98 degrees 45 + minutes to Post No. 1, Point of Commencement.

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 31	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: 0.2 mi
MP 791.8	KP ☐ Highway Name: Alaska	Access	Good - Old Highway
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat - Rolling	Tree Cover: Thick Spruce	
SITE	Material: Silty Sandy Gravel	Deposit:	
TYPE	Past Use: Borrow - Relocation	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

E.N. Area: Teslin		Borrow or Test Site No: 32	
Location:	Highway No: 1	Side R ☐ L ☐	Distance: Adjacent
MP 793.6	KP	Highway Name: Alaska	Access
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive	

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Thick Pine & Spruc	
	Material: Silty Sand, Gravel	Deposit:	
HISTORY	Past Use: Burrow - Relocation	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (CuYds)		Estimated	Proven				
Remarks:								

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

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>33</u>	
Location: <u>MP 793.9</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
MP <u>793.9</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds
	Description: <u>Flat</u>	Tree Cover: <u>Thick Pine, Poplar</u>
	Material: <u>Silty Sandy Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Relocation</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>34</u>	
Location: <u>MP 794.3</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Thick Pine	
SIDE			
TYPE	Material: Silty Sand	Deposit:	
HISTORY	Past Use:	Date:	
	Borrow - Relocation		
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :	
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>35</u>	
Location: <u>MP 795.6</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>0.2 mi</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	

STOCKPILE	Date: May/77	Crush	Amount: $\pm$ 1000	Cu.Yds.
	Description:		Tree Cover: Mod. Poplar	
SITE	Material: Gravel, Glacial Till		Deposit:	
TYPE	Past Use: Borrow - Surfacing		Date: 1973	
HISTORY	Performance Rating:		Amount Used:	
	Remarks:			

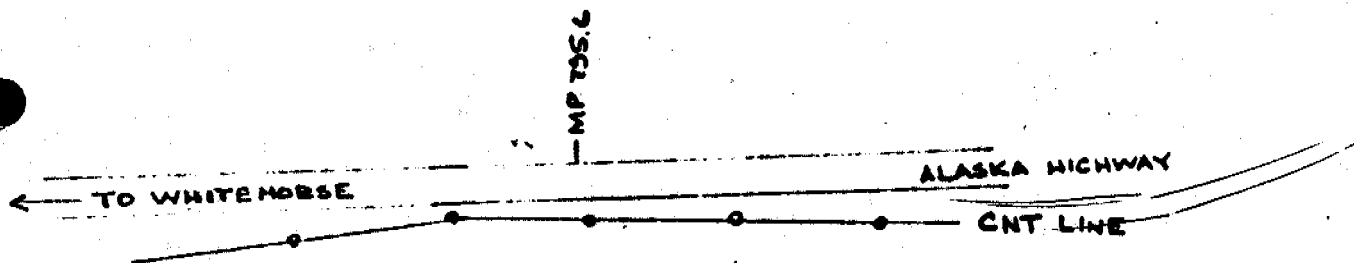
TEST SUMMARY	Augered	☐	Pitted	☒	Trenched	☐	Not Indicated	☐
	Lab. Test	☒	Sketch (Plan)	☒	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: Nov/72		Sites Sampled: 18 Pits					
	Depth	Max.		Min.		Average		
	Overburden	2'		1'				
	Material	13		5				
	Quantity (CuYds) Estimated Proven							
Remarks: Blending of gravel and glacial till essential for proper mix.								

LAB. TEST RESULTS		Los Angeles Abrasion % Loss:					Crush Count:			
Other Tests:		Petrographic Analysis: Limestone - 30%; Granite - 10%; Quartzite - 33%; Phyllite - 7%; Gabbro - 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
Crush-3/4"	Av. 6 Pits		99	86	78	71	59	41	12	4
Crush-3/4"	Av. 13 Pits	89	85	79	73	67	55	36	14	4
Av.-2 Pits		96	92	86	82	80	75	68	28	11
Crush Contract	1973			94	86	74	64	47	14	2

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

DPW Materials Inventory Alaska Highway Technical Data



SITE NO. 35
TESLIN RMA
TEST AREA
ALASKA HIGHWAY MP 755.6 LHS
SCALE 1 in = 200 FT
• TEST PIT

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>36</u>	
Location: MP <u>795.8</u>	Highway No: <u>1</u>	Side R ☐ L ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Plan Yes ☐ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Sandy Knoll</u>	Tree Cover: <u>Mod. Poplar, Spruce</u>
	Material: <u>Silty Sandy 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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<u> </u>
	Date: <u> </u>	Sites Sampled: <u> </u>		
	Depth	Max.	Min.	Average
	Overburden	<u> </u>	<u> </u>	<u> </u>
SUBSURFACE TEST RESULTS	Material	<u> </u>	<u> </u>	<u> </u>
	Quantity (CuYds) Estimated		Proven	
	Remarks: <u> </u>			
	<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

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

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

R.M. Area: <u>Testin</u>		Borrow or Test Site No: <u>37</u>	
Location: <u>MP 796.3</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>0.1 mi</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Gravel Pit <u>Reserve</u>		Current Status: <u>Inactive</u>	
Plan Yes ☒ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gently Rolling Flat</u>	Tree Cover: <u>Light Poplar, Alder</u>
	Material: <u>Silty Sandy Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

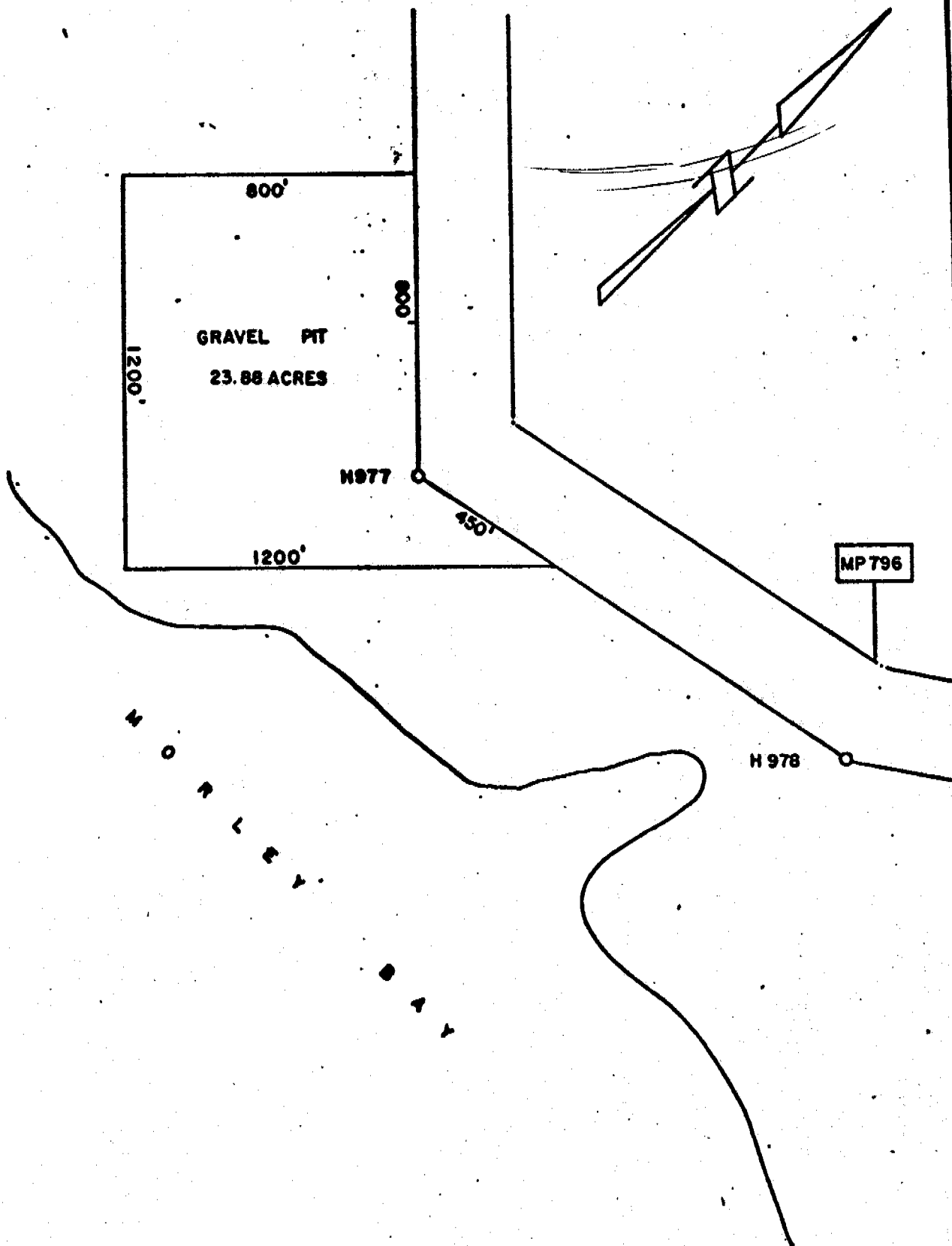
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<u> </u>
SUBSURFACE TEST RESULTS	Date: <u> </u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden	<u> </u>	<u> </u>	<u> </u>
	Material	<u> </u>	<u> </u>	<u> </u>
	Quantity (CuYds) Estimated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

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

REFERENCE:	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:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 796.3

designed by.
conçu par

date

drawn by
dessiné par

JUNE 1972

reviewed by
examiné par

approved by
approuvé par

project no.
no. du projet:

dwg no.
dessin no.

LEGAL DESCRIPTION

Temporary Application NWHS Pit

Pending Survey by Roads Dept. 1955

Mile 796.3

Post No. 1 is located on the southerly boundary of Existing R.O.W. 450 + feet on a true bearing of 77 degrees 54 minutes 19 seconds from the Intersection of a line produced from Legal Survey Monument H 977 through Traverse station H977 and said southerly boundary; thence 1200 + on a true bearing of 224 degrees 01 minutes 25 seconds to Post No. 2; Thence 1000 + on a true bearing of 314 degrees 01 minutes 25 seconds to Post No. 3; Thence 800 + feet on a true bearing of 44 degrees 01 minutes 25 seconds to Post No. 4; located on the southerly boundary of Existing R.O.W. thence along said boundary in an Easterly Direction to Post No. 1, Point of Commencement.

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>38</u>	
Location:	Highway No: <u>1</u>	Side R ☐ L ☐	Distance: <u>Adjacent</u>
MP <u>796.5</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive	

STOCKPILE	Date:	Amount:	Cu. Yds.
	Description: Flat		Tree Cover: Thick Spruce
SITE	Material: Clay		Deposit:
TYPE	Past Use: Borrow	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated							
	Proven							
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>39</u>	
Location:	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
MP <u>796.7</u>	KP ☐	Highway Name: <u>Alaska</u>	Access ☐
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	<u>Inactive</u>	

STOCKPILE	Date:	Amount:	Cu.Yds:
SITE	Description: Flat	Tree Cover: Thick Spruce	
TYPE	Material: Silty Sand	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

YUKON GRAVEL INVENTORY

R.M. Area: <u>Taslin</u>		Borrow or Test Site No: <u>40</u>	
Location: <u>MP 798.1</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
MP <u>798.1</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Amount: <u>± 50</u> Cu.Yds.
	Description: <u>Gentle Sidehill</u>	Tree Cover: <u>Thick Spruce</u>
	Material: <u>Silty Sand</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Crusher Site</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
	Date: <u> </u>	Sites Sampled: <u> </u>		
	Depth	Max.	Min.	Average
	Overburden			
SUBSURFACE TEST RESULTS	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: <u> </u>	Environmental: <u> </u>
Conflicts: <u> </u>	Land Use: <u> </u>

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

R.M. Area: Teslin		Borrow or Test Site No: 41	
Location: MP 799.6	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Alaska	Access	Good
Tenure: Gravel Pit Reserve Plan		Current Status: Inactive	
Yes ☒ No ☐			

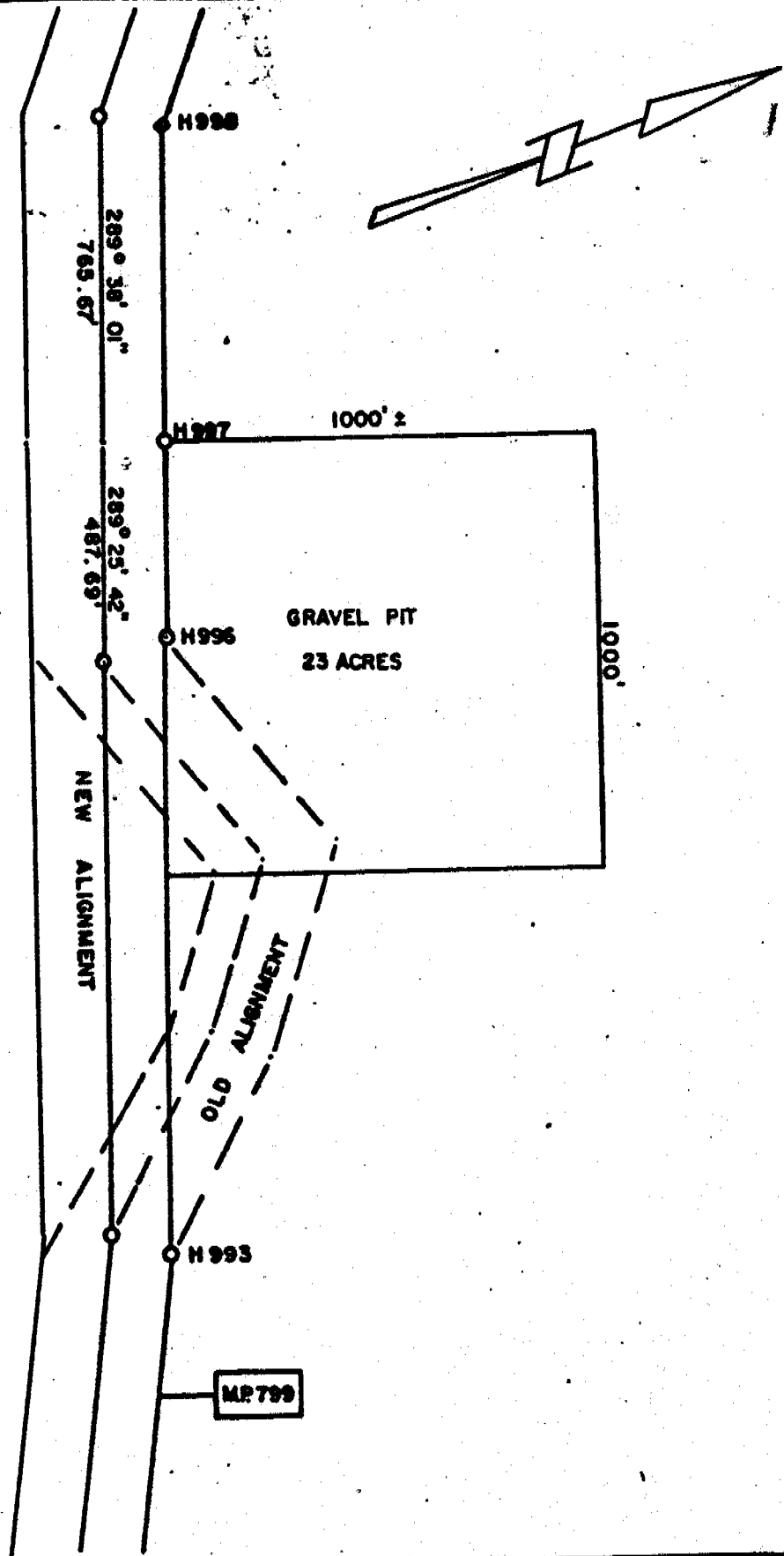
STOCKPILE SITE TYPE	Date:	Amount:	Cu. Yds.
	Description: Gentle Sidehill	Tree Cover: Thick Spruce, Poplar	
	Material: Sandy Silt	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (CuYds)		Estimated	Proven				
Remarks:								

[illegible]

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. 799.3

designed by:
conçu par

drawn by:
dessiné par

reviewed by:
examiné par

approved by:
approuvé par

project no.
no du projet

YUKON GRAVEL INVENTORY

R.M. Area: Teslin Borrow or Test Site No: 42

Location: Highway No: 1 Side R ☐ L ☒ Distance: Adjacent
MP 802.6 KP ☐ Highway Name: Alaska Access None

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Sidehill	Tree Cover: Mod. Spruce	
SITE			
TYPE	Material: Gravel	Deposit:	
HISTORY	Past Use: Borrow - Relocation	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>43</u>	
Location: <u>MP <u>802.9</u></u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>None</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Hillside		Tree Cover Mod. Spruce
SITE	Material: Gravel		Deposit:
TYPE	Past Use:	Date:	
	Borrow — Relocation		Amount Used:
	Performance Rating:	Remarks:	

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated				Proven			
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 44	
Location: Highway No: 1		Side R ☐ L ☒	Distance:
MP 803.4	KP	Highway Name: Alaska	Access
Tenure: Rock Quarry Reserve Appl. Plan Yes ☒ No ☐		Current Status:	

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

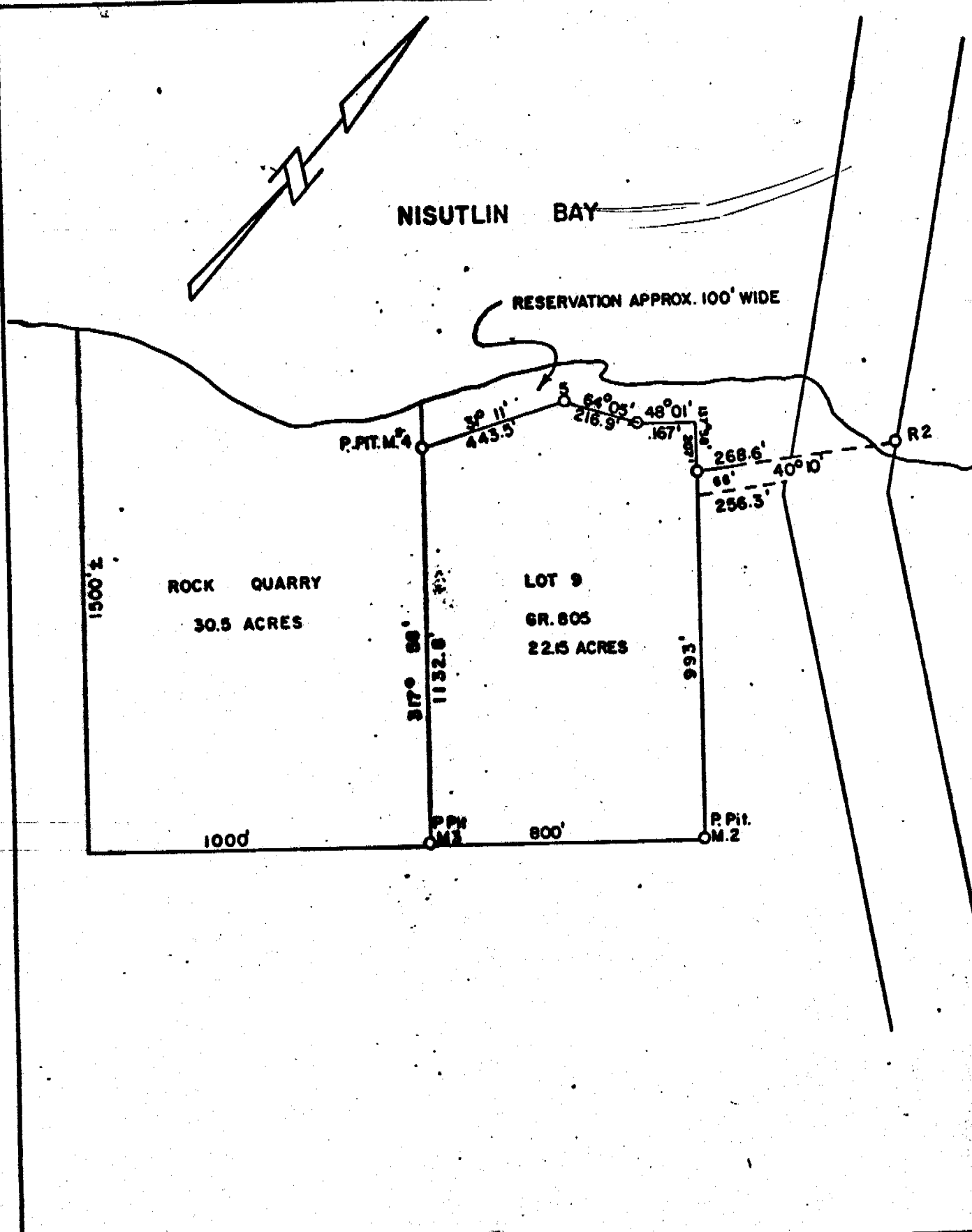
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (CuYds) Estimated		Proven					
Remarks:								

[illegible]

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 QUARRY RESERVE
 scale:
 échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 803.4

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.

JUNE 197

YUKON GRAVEL INVENTORY

R.M. Area: Teslin Borrow or Test Site No: 45

Location: Highway No: 1 Side R ☐ L ☒ Distance: 4 miles
MP 804 KP Highway Name: Alaska Access Via boat or
ice

Tenure: Gravel Pit Reserve Current Status: Unknown
Plan Yes ☒ No ☐

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

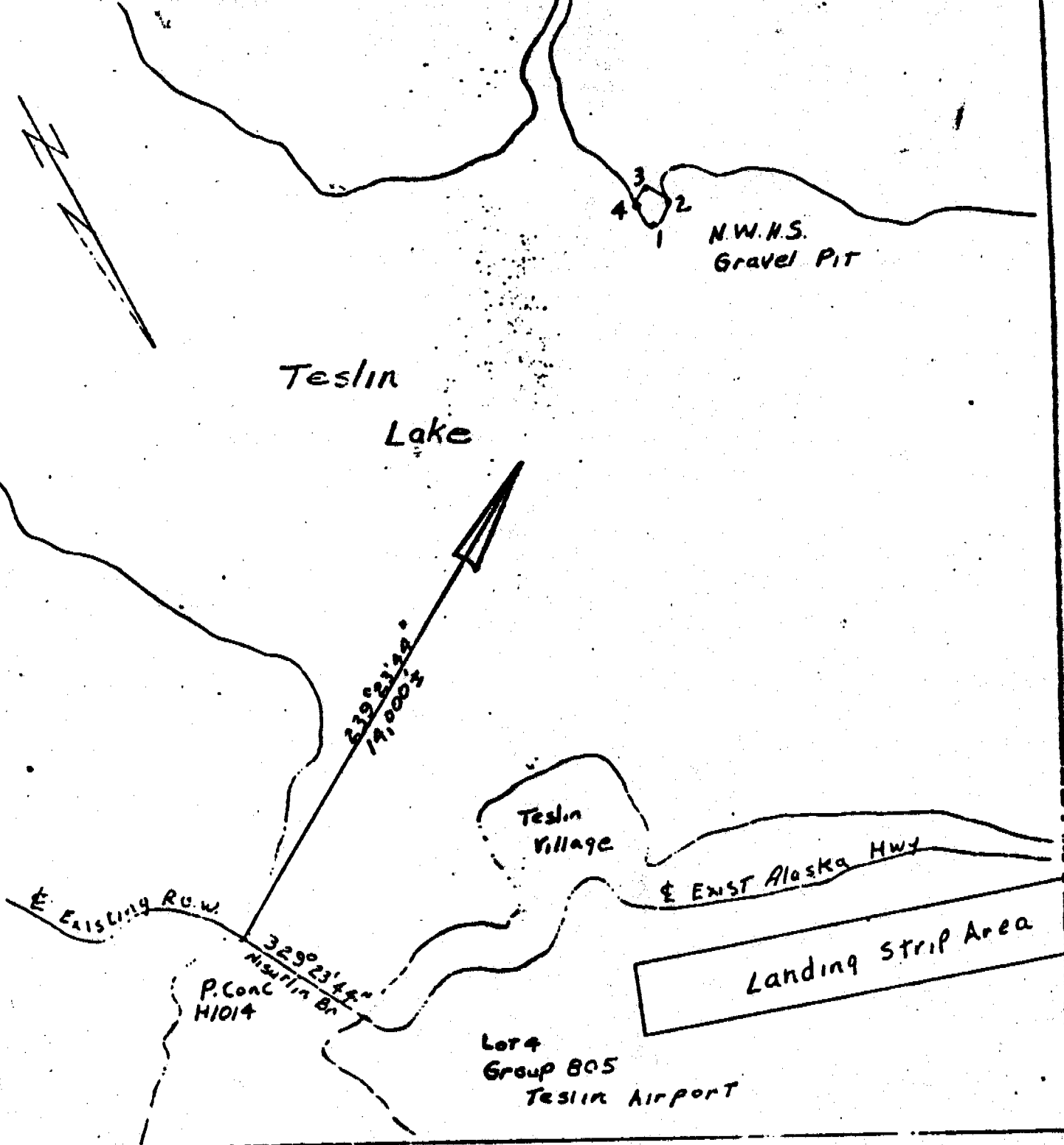
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

DPW Legal File
Federal Lands Office



Gravel PIT
Mile 804 ALASKA HWY

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>46</u>	
Location: <u>MP 806.2</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>0.1</u>
KP <u>806.2</u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>	
Tenure: Plan Yes ☐ No ☐		Current Status: <u>Inactive - Now used as dump</u>	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Flat Gently Rolling</u>	Tree Cover: <u>Mod. Spruce, Pine</u>
	Material: <u>Silty Sandy Gravel</u>	Deposit:
	Past Use: <u>Borrow</u>	Date:
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks:			

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 47	
Location: MP 806.3	Highway No: 1	Side R ☐ L ☐	Distance: Adjacent
KP ☐	Highway Name: Alaska	Access Good	
Tenure: Plan		Current Status: Active	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Sidehill Cut	Tree Cover: Mod. Pine	
SITE	Material: Sand	Deposit:	
TYPE	Past Use: Borrow	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts:	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>48</u>	
Location: <u>MP 806.4</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u>806.4</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Gentle Slope to Beach</u>	Tree Cover: <u>Light Pine</u>
	Material: <u>Gravel</u>	Deposit:
	Past Use: <u>Borrow</u>	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
Remarks:				

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>49</u>	
Location: <u>MP 806.5</u>	Highway No: <u>1</u>	Side R ☐ L ☒	Distance: <u>Adjacent</u>
KP <u>806.5</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Plan Yes ☐ No ☐		Current Status: <u>Active</u>	

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

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated	Proven		
Remarks:				

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.M. Area: <u>TESLIN</u>		Borrow or Test Site No: <u>49.1</u>	
Location: MP <u> </u>	Highway No: <u>#1</u>	Side R ☒ L ☐	Distance: <u>220 FEET</u>
KP <u> </u>	Highway Name: <u>ALASKA</u>	Access <u> </u>	
Tenure: Plan Yes ☐ No ☐		Current Status: <u>ACTIVE</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>NOV 9 77</u>	Amount: <u> </u> Cu.Yds
	Description: <u> </u>	Tree Cover: <u> </u>
	Material: <u>GRAVEL</u>	Deposit: <u> </u>
	Past Use: <u>TESLIN SEWAGE LAGOON FILL</u>	Date: <u>3 OCTOBER 77</u>
	Performance Rating: <u> </u>	Amount Used: <u>6,560 cu yds</u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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 <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>	<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>Q.P. 77/81</u> <u>W.U.P. Y 76 Y76H312</u>
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Tealin</u>		Borrow or Test Site No: <u>50</u>	
Location: <u>MP 806.7</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
Highway Name: <u>Alaska</u>		Access: <u>Good</u>	
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: <u>Inactive</u>	
Yes ☒ No ☐			

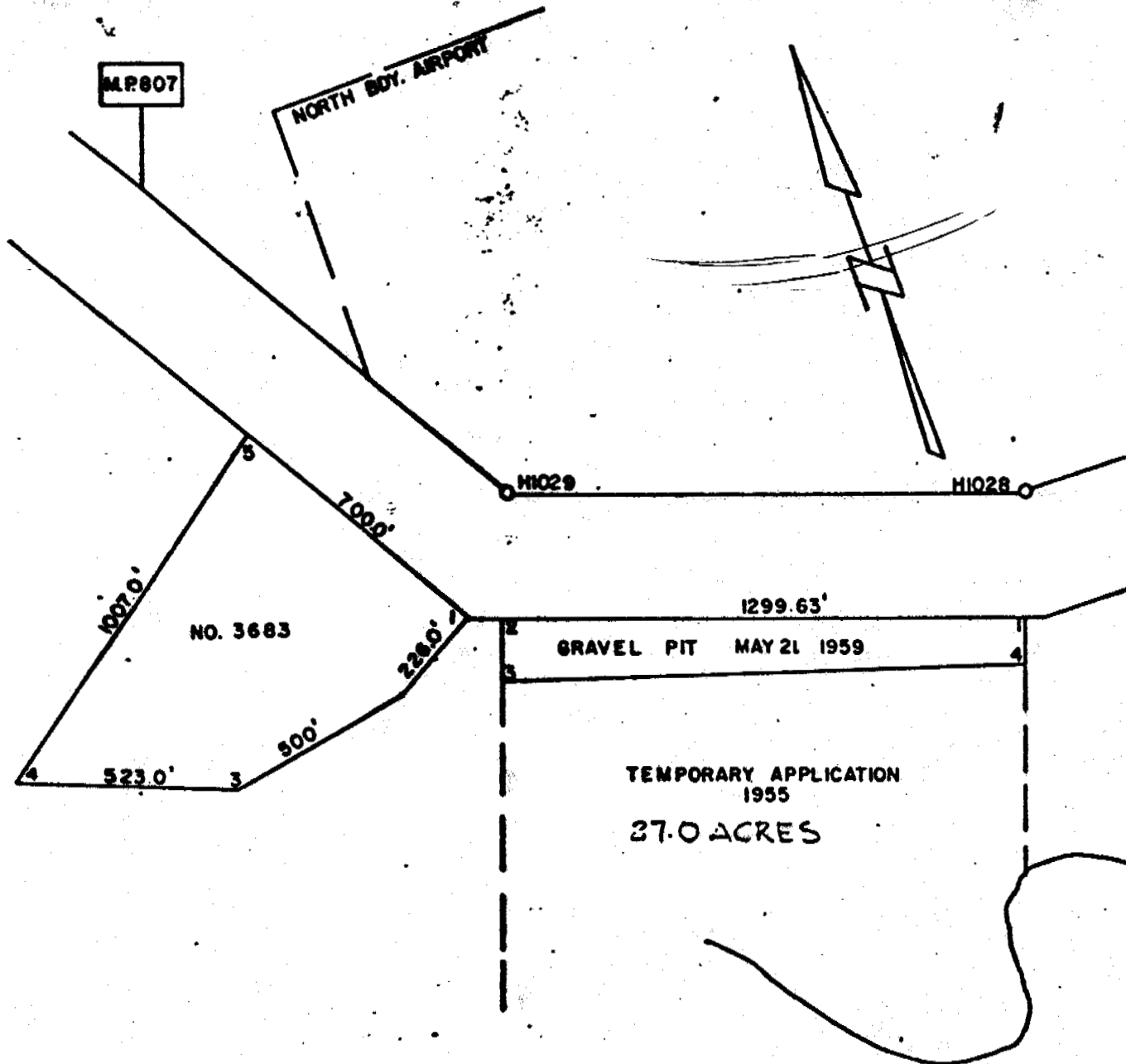
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Light Pine</u>
	Material: <u>Gravel, Sand</u>	Deposit:
	Past Use: <u>Borrow</u>	Date:
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks:			

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	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:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 806.7±

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.

JUNE 1972

LEGAL DESCRIPTION

Temporary Application

NWHS Pit

Pending Survey by Roads Department 1955

Mile 806.75

Commencing at legal survey monument H-1028 on a true bearing of 199°45'16" for a distance of 250 feet to post #1; thence on a true bearing of 289°45'16" for a distance of 1300 feet to post #2; thence on a true bearing of 199°45'16" to the legal boundary of Teslin Lake to post #3. From post #1 on a true bearing of 199°45'16" to the legal boundary of Teslin Lake to post #4.

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>51</u>	
Location: <u>MP 808.1</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>0.15 mi</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Rough</u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		Current Status: <u>Active</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Old Burn</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>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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) <u>Estimated</u>		<u>Proven</u>	
	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

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

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

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>52</u>	
Location: <u>MP 809.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u>809.0</u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Moderate Slope</u>	Tree Cover: <u>Light Poplar</u>
	Material: <u>Silty Sand</u>	Deposit:
	Past Use: <u>Borrow</u>	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
Remarks:				

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 53	
Location:	Highway No: 1	Side R ☐ L ☐	Distance: 0.5 mi
MP 810.0	KP	Highway Name: Alaska	Access Requires <u>Upgrading</u>
Tenure:	Current Status: Undeveloped ? - Could not locate		
Plan	Yes ☐ No ☐	May be on road to microwave site	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover: Heavy Spruce, Pine
	Material: Sand and Glacial Till	Deposit:
	Past Use:	Date:
	Performance Rating:	Amount Used:
Remarks:		

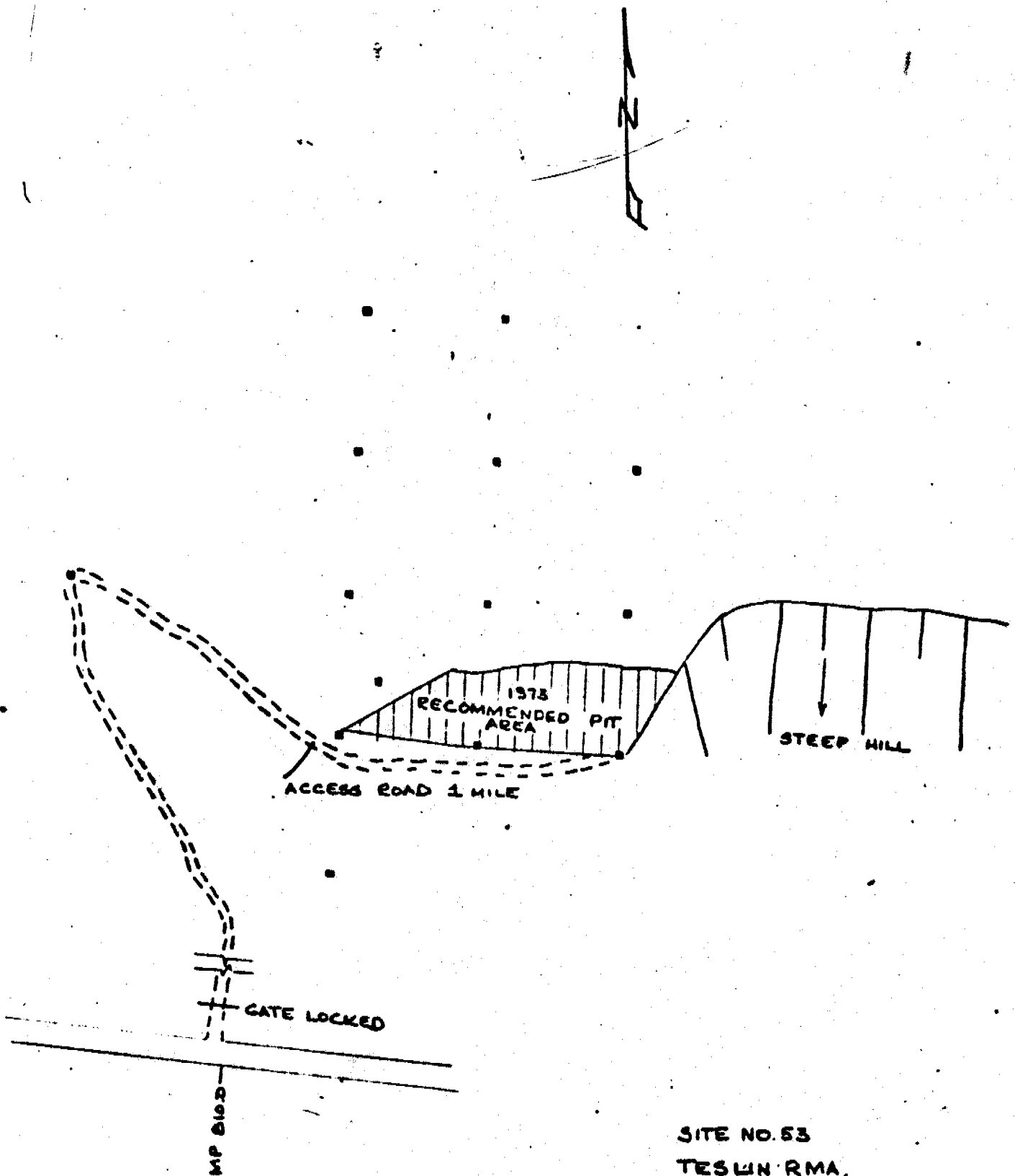
TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: 1972	Sites Sampled: 16 Pits		
	Depth	Max.	Min.	Average
	Overburden	2 1/2'	0'	
	Material	14'	3'	
	Quantity (CuYds) Estimated Proven			
Remarks: Investigated as surfacing material 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
Av. 3 pits		99	93	85	79	71	58	42		
Lab Crush - 1 pit			99	93	88	84	72	46	22	6

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data
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SITE NO. 53
TESLIN RMA.
TEST AREA
ALASKA HIGHWAY MP. 810.0 EHS
SCALE 1 IN = 200 FT
■ TEST PIT

YUKON GRAVEL INVENTORY

R.M. Area: Testlin		Borrow or Test Site No: 54	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 810.2	KP	Highway Name: Alaska	Access
Tenure:		Current Status: Active	
Plan	Yes ☐ No ☐		

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Steep sidehill	Tree Cover: Mod. Poplar, Pine	
SITE	Material: Sand	Deposit:	
	Past Use: Borrow	Date:	
TYPE	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (Cu Yds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>55</u>	
Location: <u>MP 811.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u> </u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u> </u>	Tree Cover: <u> </u>
	Material: <u>Clay</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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>April/65</u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated <u> </u>		Proven <u> </u>	
	Remarks: <u> </u>			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>								
	Other Tests: <u> </u>									
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
			100	99	98	97	93	87	42.4	20.0

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

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

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>56</u>	
Location: <u>MP 811.7</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 57	
Location: MP 813.0	Highway No: 1	Side R ☐ L ☐	Distance Adjacent Access
KP Highway Name: Alaska			
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: ☐	
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
			77	58	47	35	16	4	--	--

Potential Conflicts	Environmental:
	Land Use:

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

R.M. Area: <u>Reslin</u>		Borrow or Test Site No: <u>58</u>	
Location: <u>813.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
Access: <u>813.0</u>	Highway Name: <u>Alaska</u>		
Tenure: Gravel Pit Reserve		Current Status: <u>Active</u>	
Plan	Yes ☒ No ☐		

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Flat - Gently Rolling</u>	Tree Cover: <u>Light Poplar</u>
	Material: <u>Sand</u>	Deposit:
	Past Use: <u>Borrow</u>	Date:
	Performance Rating:	Amount Used:
Remarks:		

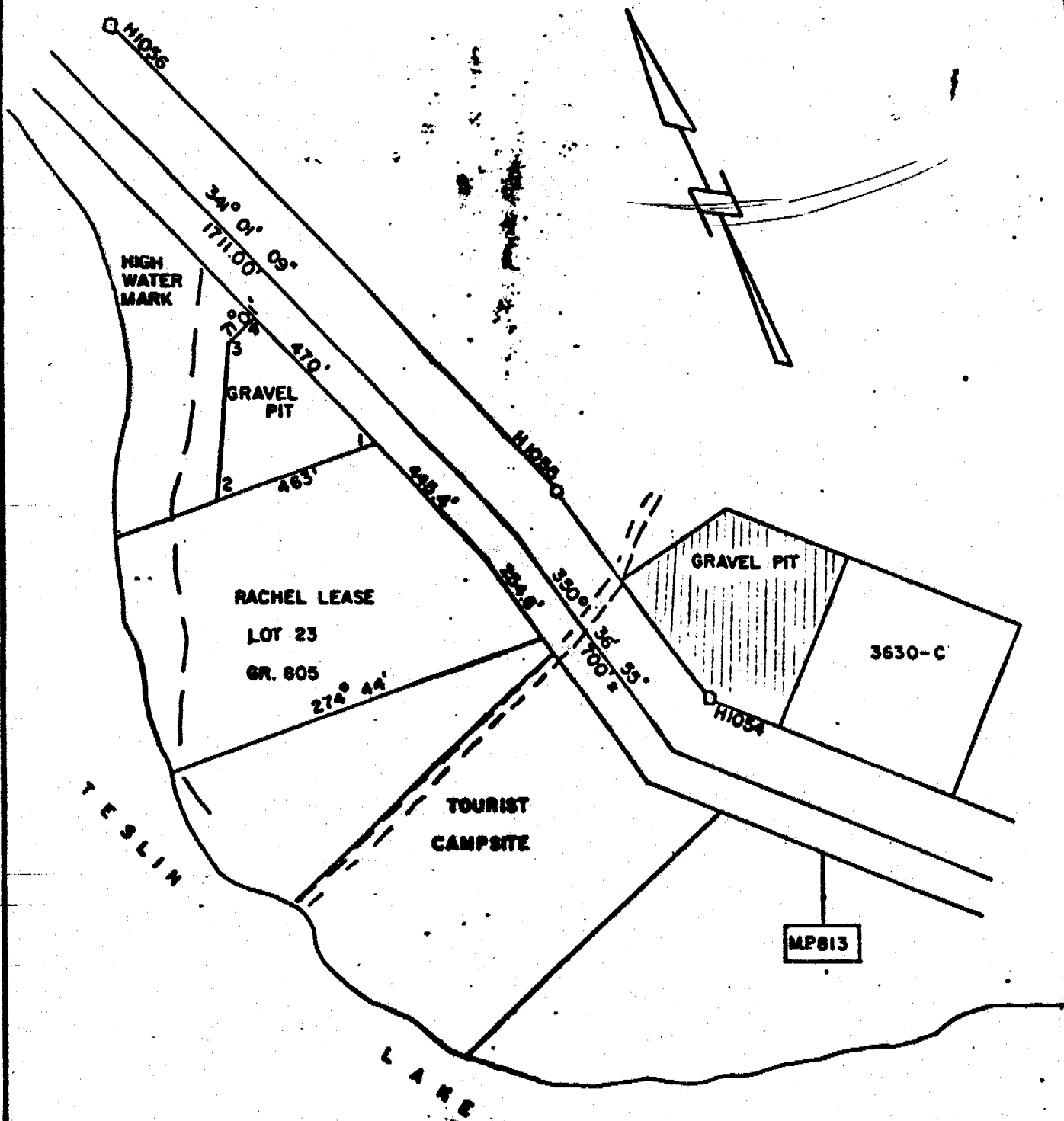
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Jan/64</u>		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
Remarks:				

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
Av. 6 Samples			85	78	62	45	13	1	—	—

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory Alaska Highway Technical Data DPW Legal File Federal Lands Office
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DEPARTMENT OF PUBLIC WORKS
CONSTRUCTION & ENGINEERING
PACIFIC REGION
WHITEHORSE DISTRICT

Drawing title:
Type of design:

GRAVEL PIT RESERVE

Scale:
Scale: 1" = 400'

**ALASKA HIGHWAY
M.P. 813.0'**

designed by
conçu par

date

drawn by
dessiné par

JUNE 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>Teslin</u>		Borrow or Test Site No: <u>59</u>	
Location: <u>MP 813.4</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: <u>Inactive</u>	

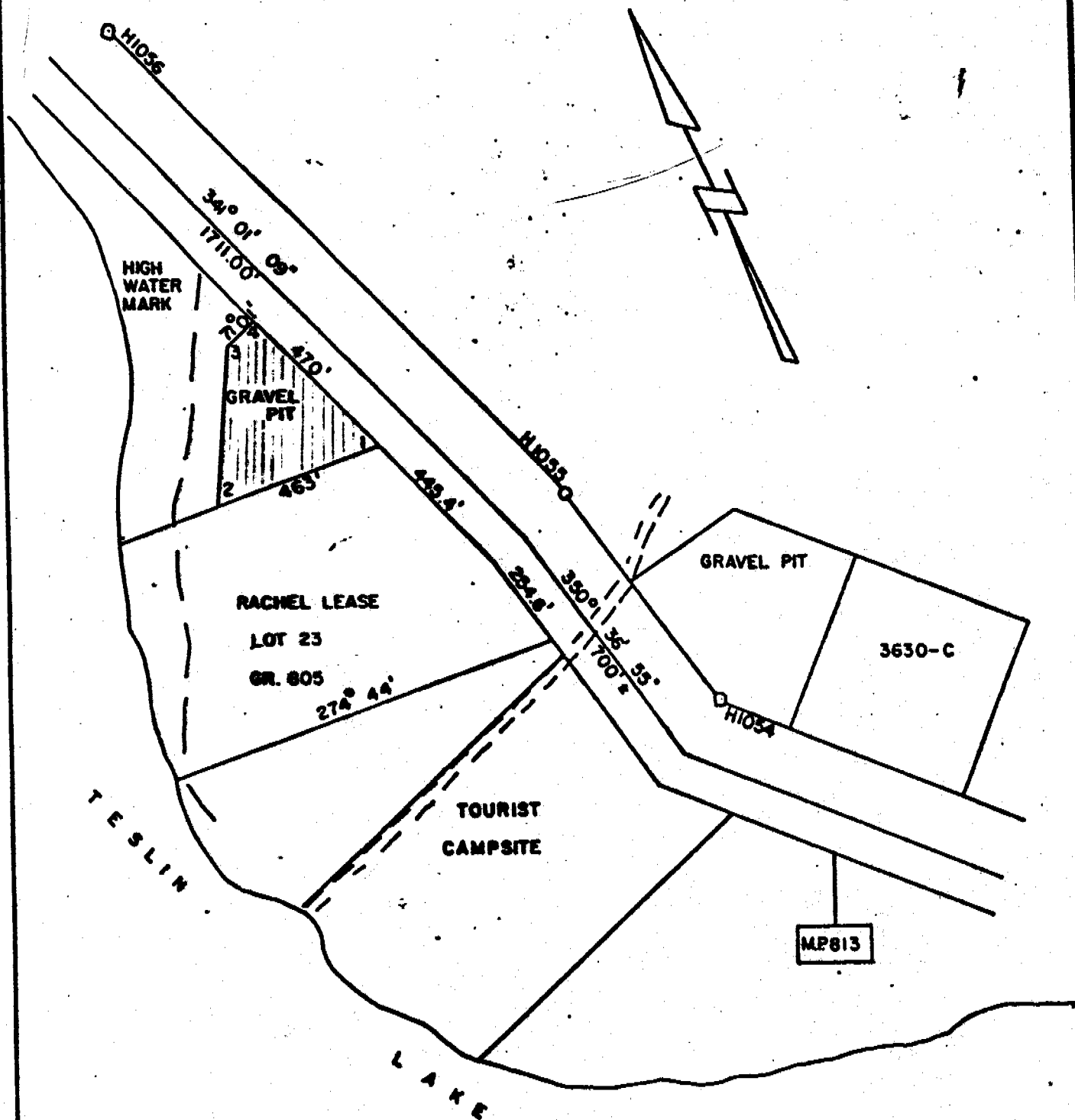
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Light Poplar</u>
	Material: <u>Sand, Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

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

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>								
	Other Tests: <u> </u>									
Grain Size Analysis		% 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: 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. 813.0'

designed by
conçu par

date

drawn by
dessiné par

JUNE 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>Teslin</u>		Borrow or Test Site No: <u>60</u>	
Location: <u>MP 813.4</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve Plan Yes ☐ No ☒		Current Status: <u>Active</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Binder <u> </u>	Amount: <u>+ 3000</u> Cu.Yds.
	Description: <u>Flat</u>		Tree Cover: <u>Mod. Spruce, Poplar</u>
	Material: <u>Sand, Silt</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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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 <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

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

REFERENCE:	<u>Federal Lands Office</u>
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YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 61	
Location: Highway No: 1		Side R ☒ L ☐	Distance: Adjacent
MP 813.5	KP	Highway Name: Alaska	Access
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: Inactive	

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

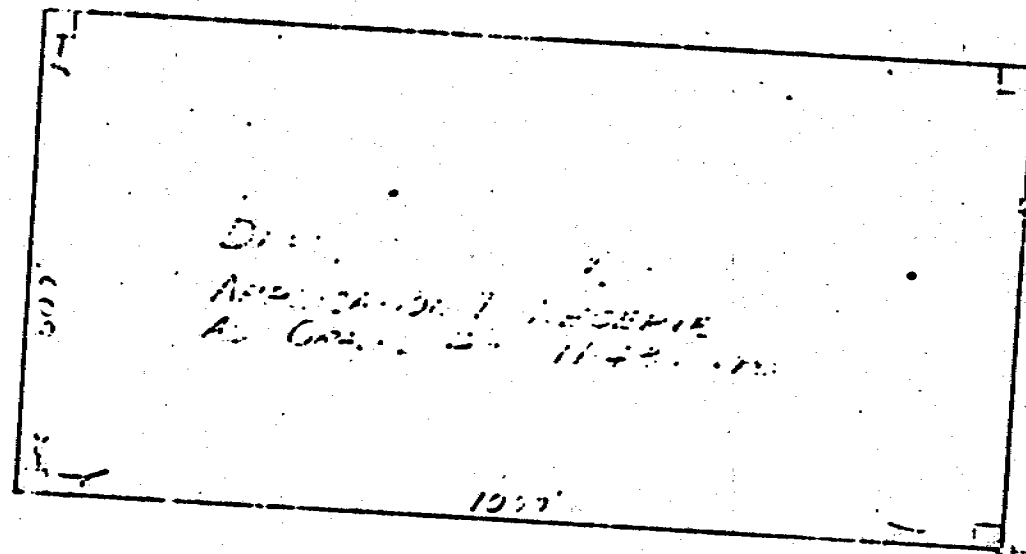
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office

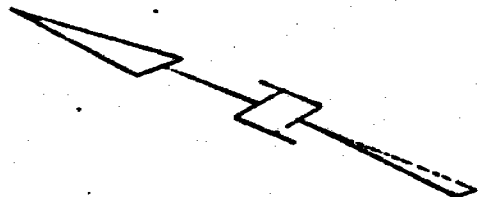


KEHDE F 1377
LOT II
GR 405
41945

[913-21]

13.4' 01' 09"
171100

PAULSON F 1375
LOT 75
GR 805
42775



YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 62	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 813.6	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: Heavy Spruce
	Material: Silt	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks:			

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.M. Area: Testin		Borrow or Test Site No: 63	
Location: MP 814.0	Highway No: 1	Side RK ☐ L ☐	Distance: Adjacent
KP Highway Name: Alaska		Access	
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: Not Developed	
Yes ☒ No ☐			

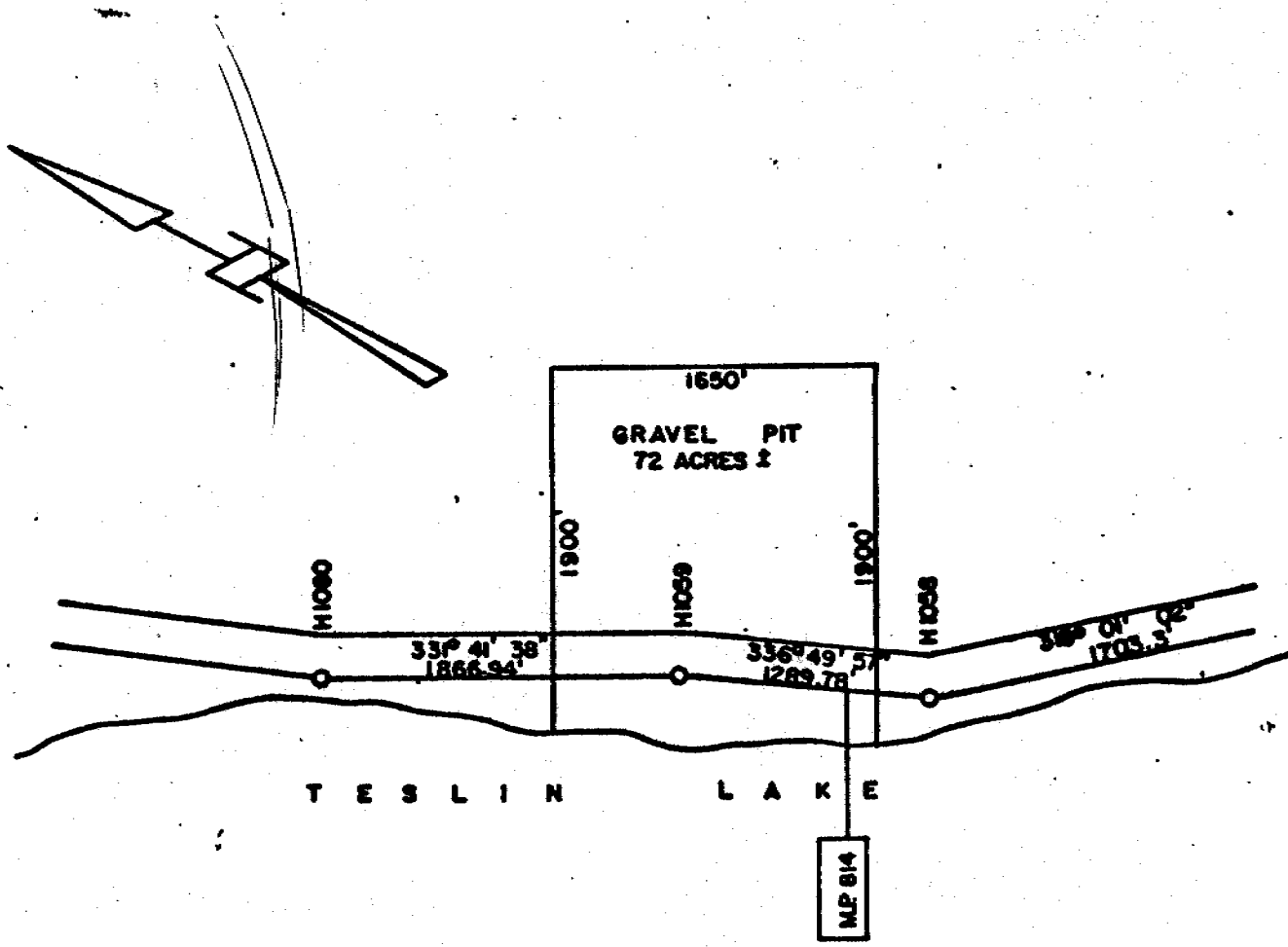
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover:
	Material:	Deposit:
	Past Use:	Date:
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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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DESIGNED BY CONCÉDÉ PAR	DATE JUNE 1972
	DRAWN BY Dessiné par
REVIEWED BY Examiné par	PROJECT NO. no. du projet
APPROVED BY Approuvé par	DWG. NO. dessin no.

PROJECT TITLE: Titre du dessin GRAVEL PIT RESERVE	SCALE: échelle: 1" = 1000'
ALASKA HIGHWAY M.P. 814.0	

DEPARTMENT OF PUBLIC WORKS CONSTRUCTION & ENGINEERING PACIFIC REGION WHITEHORSE DISTRICT

LEGAL DESCRIPTION

Temporary Application

NWHS Pit

Pending Survey by Roads Dept. 1955

Mile 814

Commencing at Legal Survey Monument H 1058 on a true bearing of 336 degrees 49 minutes 57 seconds for a distance of 300 + feet; thence on a true bearing of 61 degrees 41 minutes 30 + seconds for a distance of 1475 + feet to post No. 1; thence on a true bearing of 331 degrees 41 minutes 30 + seconds for a distance of 1650+feet to Post No. 2; Post No. 3 is located on the Legal Boundary at Teslin Lake and on a bearing of 241 degrees 41 minutes 30 + seconds from Post No. 2; Post No. 4 is located on the Legal Boundary of Teslin Lake and on a true bearing of 241 degrees 41 minutes 30 + seconds from Post No. 1.

YUKON GRAVEL INVENTORY

R.M. Area: TESLINBorrow or Test Site No: 63.1

Location:

Highway No: #1Side R ☐ L ☒Distance: ADJACENTMP 814.3KP ☐Highway Name: ALASKAAccess: GOOD

Tenure:

Plan

Yes ☐No ☐

Current Status:

ACTIVE

STOCKPILE

SITE

TYPE

HISTORY

Date: NOV 9/77Amount: Cu.Yds.Description: LEVELTree Cover: WILLOWMaterial: GRAVEL & FILL GRAVEL

Deposit:

Past Use: CONCRETE AGGREGATEDate: JULY 11/77

Performance Rating:

Amount Used: 1200 CU.YDS.

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:

GEDDES & FLEMING O.P. 77/64
L.U.P. YA70086

YUKON GRAVEL INVENTORY

R.M. Area: Teslin Borrow or Test Site No: 64

Location: Highway No: 1 Side ☒ R ☐ L Distance: Adjacent
MP 814.8 KP Highway Name: Alaska Access

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope	Tree Cover: Mod. Spruce	
SITE			
TYPE	Material: Silty Sand	Deposit:	
HISTORY	Past Use:	Date:	
	Borrow		
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth		Max.		Min.		Average	
	Overburden							
	Material							
	Quantity: (CuYds) Estimated							
Proven								
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>65</u>	
Location: <u>MP</u> <u>815.1</u> <u>KP</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
Highway Name: <u>Alaska</u>		Access <u></u>	
Tenure: <u>Plan</u> <u>Yes</u> ☐ <u>No</u> ☐		Current Status: <u>Inactive</u>	

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>66</u>	
Location: <u>MP 816.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: <u>Inactive</u>	
Yes ☒ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Moderate Slope</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Silt, 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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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:	DPW Legal File Federal Lands Office
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LOT 22
GR. 805

GRAVEL PIT
13.8 ACRES ±

TESLIN

LAKE

298°17' 23"

50'

163.7'

R/W

H1067

223°04' 23"
310.2'

327° 51' 02"
606.0'

475.0'
217° 04'

MP 816



DEPARTMENT OF PUBLIC WORKS
CONSTRUCTION & ENGINEERING
PACIFIC REGION
WHITEHORSE DISTRICT

Drawing title:
titre du dessin:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 200'

ALASKA HIGHWAY
M.P. 816.0

designed by
conçu par

drawn by
dessiné par

MA

reviewed by
examiné par

approved by
approuvé par

project no.
no. du projet

date

YUKON GRAVEL INVENTORY

R.M. Area: <u>Tealin</u>		Borrow or Test Site No: <u>67</u>	
Location: <u>MP 816.1</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>	
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: <u>Active</u>	

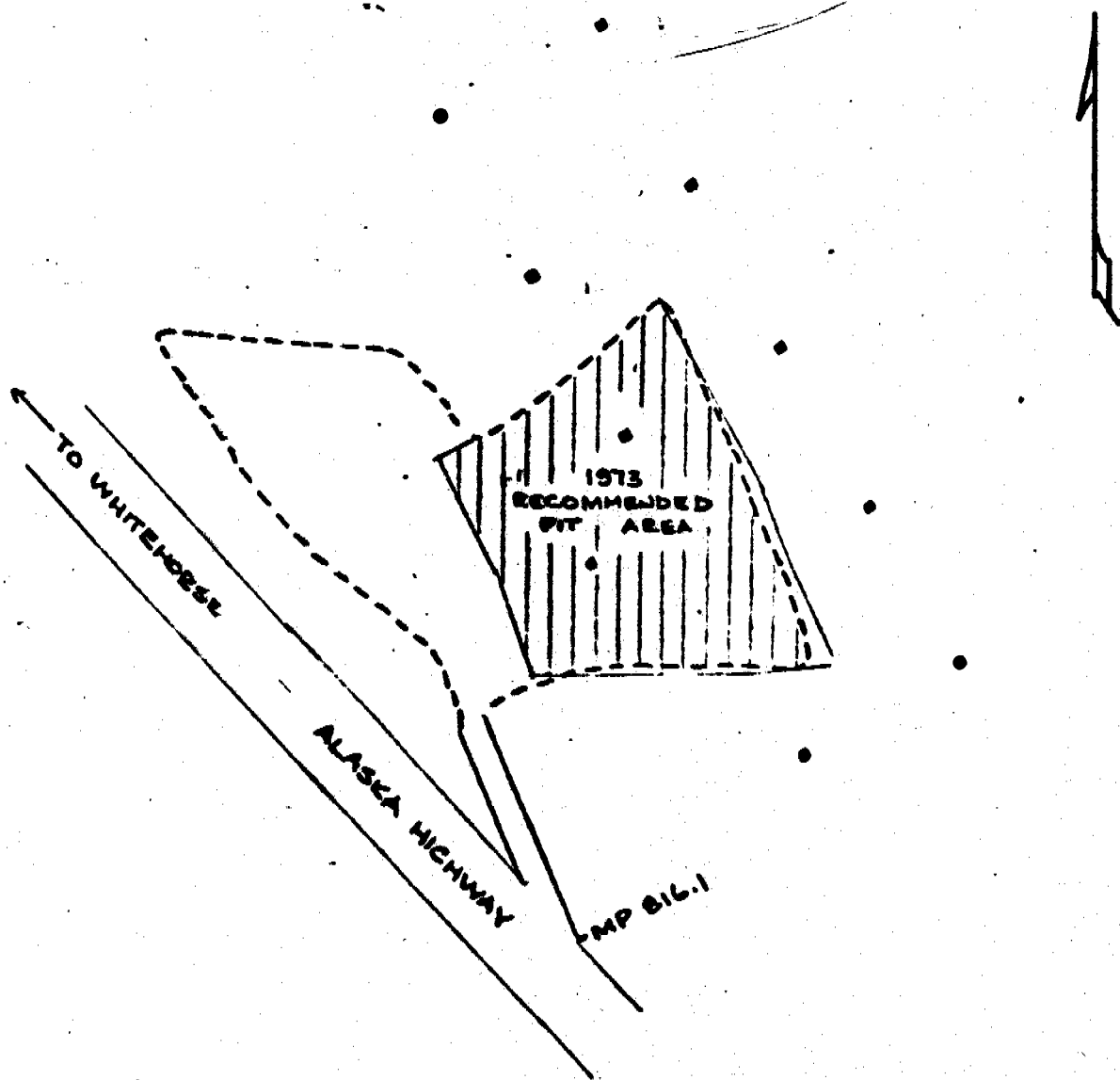
STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Crush Amount: <u>+ 5000</u> Cu.Yds.
	Description: <u>Sidehill</u>	Tree Cover: <u>Mod. Erate Poplar</u>
	Material: <u>Sand</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐												
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	<u> </u>												
	Date: <u>Dec/72</u>	Sites Sampled: <u> </u>														
	<table border="1" style="width:100%"> <tr> <th>Depth</th> <th>Max.</th> <th>Min.</th> <th>Average</th> </tr> <tr> <td>Overburden</td> <td><u>1</u></td> <td><u>0</u></td> <td><u> </u></td> </tr> <tr> <td>Material</td> <td><u>19'</u></td> <td><u>12'</u></td> <td><u> </u></td> </tr> </table>				Depth	Max.	Min.	Average	Overburden	<u>1</u>	<u>0</u>	<u> </u>	Material	<u>19'</u>	<u>12'</u>	<u> </u>
	Depth	Max.	Min.	Average												
Overburden	<u>1</u>	<u>0</u>	<u> </u>													
Material	<u>19'</u>	<u>12'</u>	<u> </u>													
Quantity (CuYds) Estimated <u> </u>		Proven <u> </u>														
Remarks: <u> </u>																

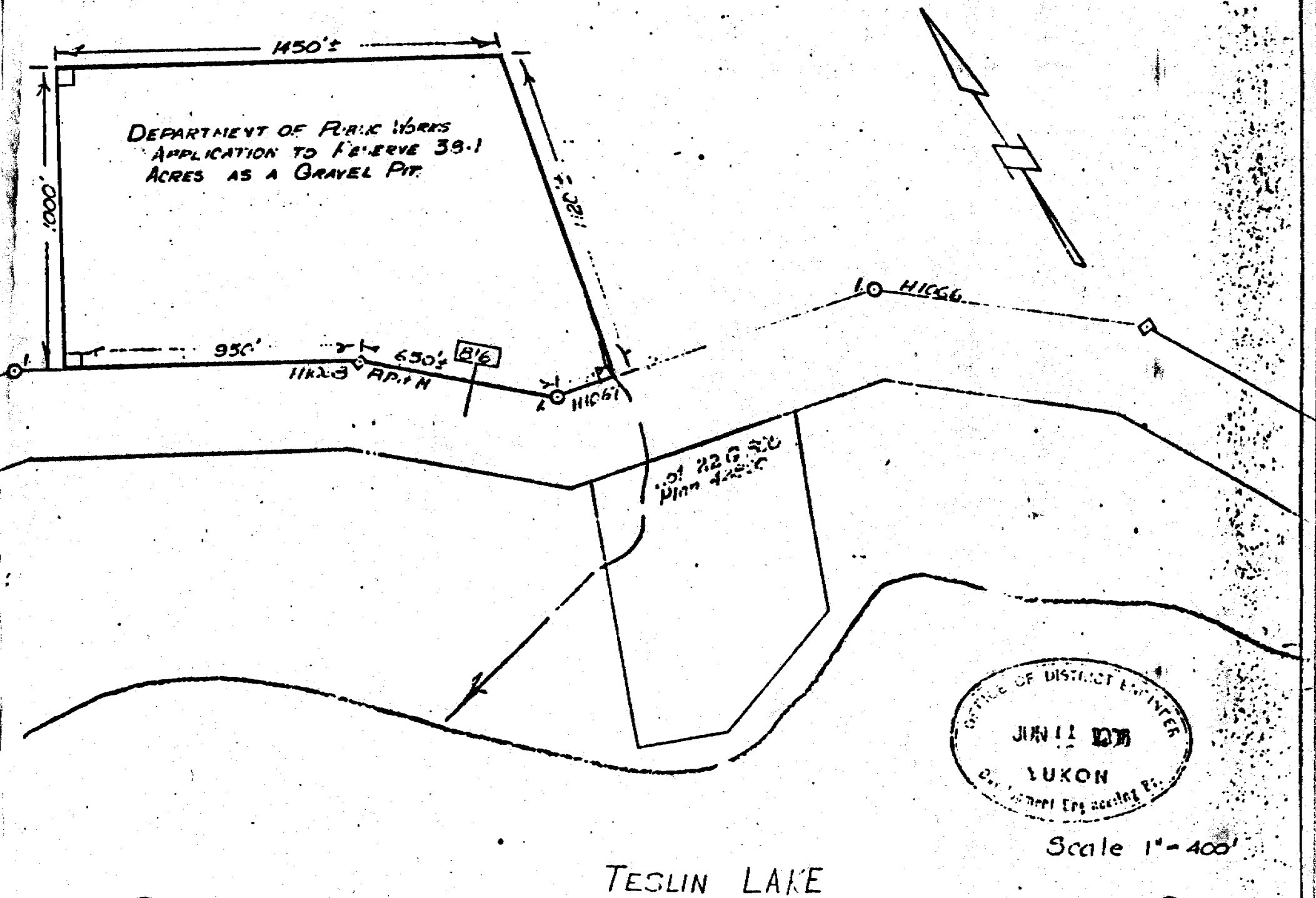
LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>																																																																												
Other Tests:	Petrographic Analysis: Quartzite - 70%; Granite - 10%; Rhyolite - 5%; Others - 15%																																																																													
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 40</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td>Pitrun.</td> <td></td> <td></td> <td>100</td> <td>92</td> <td>75</td> <td>59</td> <td>38</td> <td>24</td> <td>15.8</td> <td>1.1</td> </tr> <tr> <td>Crush</td> <td></td> <td></td> <td>99</td> <td>92</td> <td>86</td> <td>78</td> <td>64</td> <td>45</td> <td>20.6</td> <td>5.1</td> </tr> <tr> <td>Pitrun-Av. 3 pits 1972</td> <td></td> <td>100</td> <td>94</td> <td>81</td> <td>67</td> <td>53</td> <td>36</td> <td>20</td> <td>18</td> <td>2</td> </tr> <tr> <td>Crush-3/4" 2 pits 1972</td> <td></td> <td>100</td> <td>99</td> <td>86</td> <td>67</td> <td>52</td> <td>35</td> <td>20</td> <td>18</td> <td>3</td> </tr> <tr> <td>Av. 3 pits</td> <td>Silt, sand</td> <td></td> <td>99</td> <td>96</td> <td>94</td> <td>90</td> <td>79</td> <td>29</td> <td></td> <td>6</td> </tr> </table>			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.			100	92	75	59	38	24	15.8	1.1	Crush			99	92	86	78	64	45	20.6	5.1	Pitrun-Av. 3 pits 1972		100	94	81	67	53	36	20	18	2	Crush-3/4" 2 pits 1972		100	99	86	67	52	35	20	18	3	Av. 3 pits	Silt, sand		99	96	94	90	79	29		6
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.			100	92	75	59	38	24	15.8	1.1																																																																				
Crush			99	92	86	78	64	45	20.6	5.1																																																																				
Pitrun-Av. 3 pits 1972		100	94	81	67	53	36	20	18	2																																																																				
Crush-3/4" 2 pits 1972		100	99	86	67	52	35	20	18	3																																																																				
Av. 3 pits	Silt, sand		99	96	94	90	79	29		6																																																																				

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data Federal Lands Office
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SITE NO. 67
TESLIN RMA
TEST AREA
ALASKA HIGHWAY MP 816.1 R.H.S.
SCALE 1 IN = 200 FT
• TEST PIT



YUKON GRAVEL INVENTORY

R.M. Area: Teslin Borrow or Test Site No: 68

Location: Highway No: 1 Side ☒ R ☐ L Distance: Adjacent
MP 816.7 KP Highway Name: Alaska Access Good

Tenure: Plan Yes ☐ No ☐ Current Status: Active

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Steep Sidehill	Tree Cover: Light Poplar, Spru	
	Material: Sand	Deposit:	
HISTORY	Past Use:	Date:	
	Performance Rating: Borrow	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated				Proven			
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 69	
Location: MP 817.7	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Alaska	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gentle Sidehill	Tree Cover: Thick 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: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated	Proven		
	Remarks:			

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 70	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 818.4	KP Highway Name: Alaska	Access	
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive	

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Thick Spruce	
SITE	Material: Sand	Deposit:	
TYPE	Past Use: Borrow	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 71	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: adjacent
MP 819.7	KP	Highway Name: Alaska	Access
Tenure:		Current Status: Inactive	
Plan		Yes ☐ No ☐	

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Gentle Sidehill	Tree Cover: Mod. Poplar, Spruce	
HISTORY	Material: Silt	Deposit:	
	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: TeslinBorrow or Test Site No: 72

Location:

Highway No: 1

Side

R ☒ L ☐

Distance:

AdjacentMP 820.1KP

Highway Name:

AlaskaAccess

Tenure:

Plan

Yes ☐No ☐

Current Status:

Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date: Amount:

Cu.Yds.

Description:

Gentle sidehillTree Cover: Mod. Pine, Poplar

Material:

SandDeposit:

Past Use:

BorrowDate: 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
ConflictsEnvironmental: Land Use:

REFERENCE:

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>73</u>	
Location: <u>MP 820.5</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
<u>KP</u>	Highway Name: <u>Alaska</u>	Access <u></u>	
Tenure: <u>Plan</u>		Current Status: <u></u>	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☒
	Lab. Test	☒	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: May/66		Sites Sampled:					
	Depth	Max.			Min.		Average	
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE : DPW Materials Inventory; Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>74</u>	
Location: <u>MP 820.6</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		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>Sand and 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 ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<u> </u>
SUBSURFACE TEST RESULTS	Date: <u>Dec/62</u>		Sites Sampled: <u>9 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>0'</u>	<u>0'</u>	<u> </u>
	Material	<u>14'</u>	<u>9'</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
1 hole		100	93	83	73	62	37	6		

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

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

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>75</u>	
Location: <u>MP 820.8</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Gravel Pit Reserve Plan Yes ☐ No ☐		Current Status: <u>Active</u>	

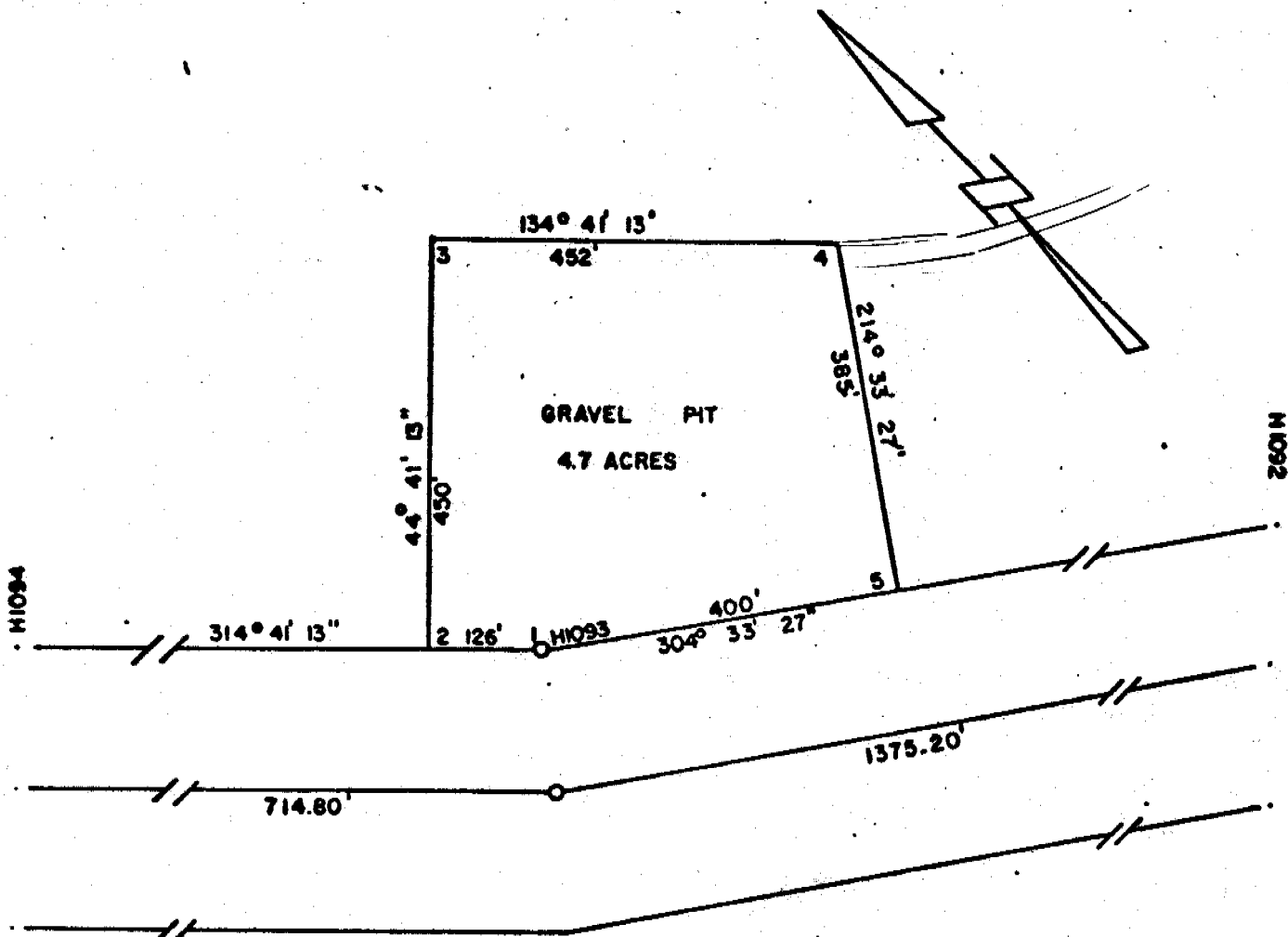
STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Crush Amount: <u>+ 7500</u> Cu.Yds.
	Description: <u>Gentle Sidehill</u>	Tree Cover: <u>Mod. Poplar, Spruce</u>
	Material: <u>Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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 <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	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: <u> </u>
	Land Use: <u> </u>

REFERENCE:	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:

GRAVEL PIT RESERVE

scale
échelle: 1" = 200'

ALASKA HIGHWAY
M.P. 820.8

designed by
conçu par

date

drawn by
dessiné par

JUNE 1972

reviewed by
examiné par

approved by
approuvé par

project no
no du projet

dwg no
dessin no.

LEGAL DESCRIPTION

GRAVEL PIT MILE 820.8

Commencing at Legal Survey Monument H-1093 being Post No 1 located on the northerly boundary of the Alaska Highway at Mile 820.8 more or less; thence on a true bearing of 314° 41'13" for a distant of one hundred twenty-six feet (126.0 ft) to Post No. 2; thence on a true bearing of 44° 41'13" for a distant of four hundred and fifty feet (450.0 ft) to Post No. 3; thence on a true bearing of 134° 41'13" for a distant of four hundred and fifty-two feet (452.0 ft) to Post No 4; thence on a true bearing of 214° 33'27" for a distant of three hundred eighty-five feet (385.0 ft) more or less to Post No 5 located on the northerly boundary of the Alaska Highway; thence along said boundary on a true bearing of 304° 33'27" a distant of four hundred feet (400.0 ft) to Post No. 1. Point of Commencement.

The land contained therein being 4.7 acres more or less.

Lines Cut and Surveyed July 10/58

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 76	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 821.0	KP	Highway Name: Alaska	Access
Tenure:		Current Status:	
Plan	Yes ☐ No ☐		

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☒
	Lab. Test	☒	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

DPW Materials Inventory; Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 77	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 821.3	KP Highway Name: Alaska		Access
Tenure: Plan		Current Status: Inactive	
Yes No			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gently Rolling		Tree Cover: Old Burn, Light
SITE	Material: Sand		Poplar
	Deposit:		
TYPE	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated				Proven			
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>78</u>	
Location: <u>MP 821.3</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u> </u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gently Rolling</u>	Tree Cover: <u>Old Burn</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>		

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<u> </u>
	Date: <u> </u>	Sites Sampled: <u> </u>		
	Depth <u> </u>	Max. <u> </u>	Min. <u> </u>	Average <u> </u>
	Overburden <u> </u>	<u> </u>	<u> </u>	<u> </u>
Material <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

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

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

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>79</u>	
Location: <u>MP 824.6</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent 0.3 mi</u>
KP <u>824.6</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: Gravel Pit Reserve Plan		Current Status: <u>Inactive</u>	
Yes ☒ No ☐			

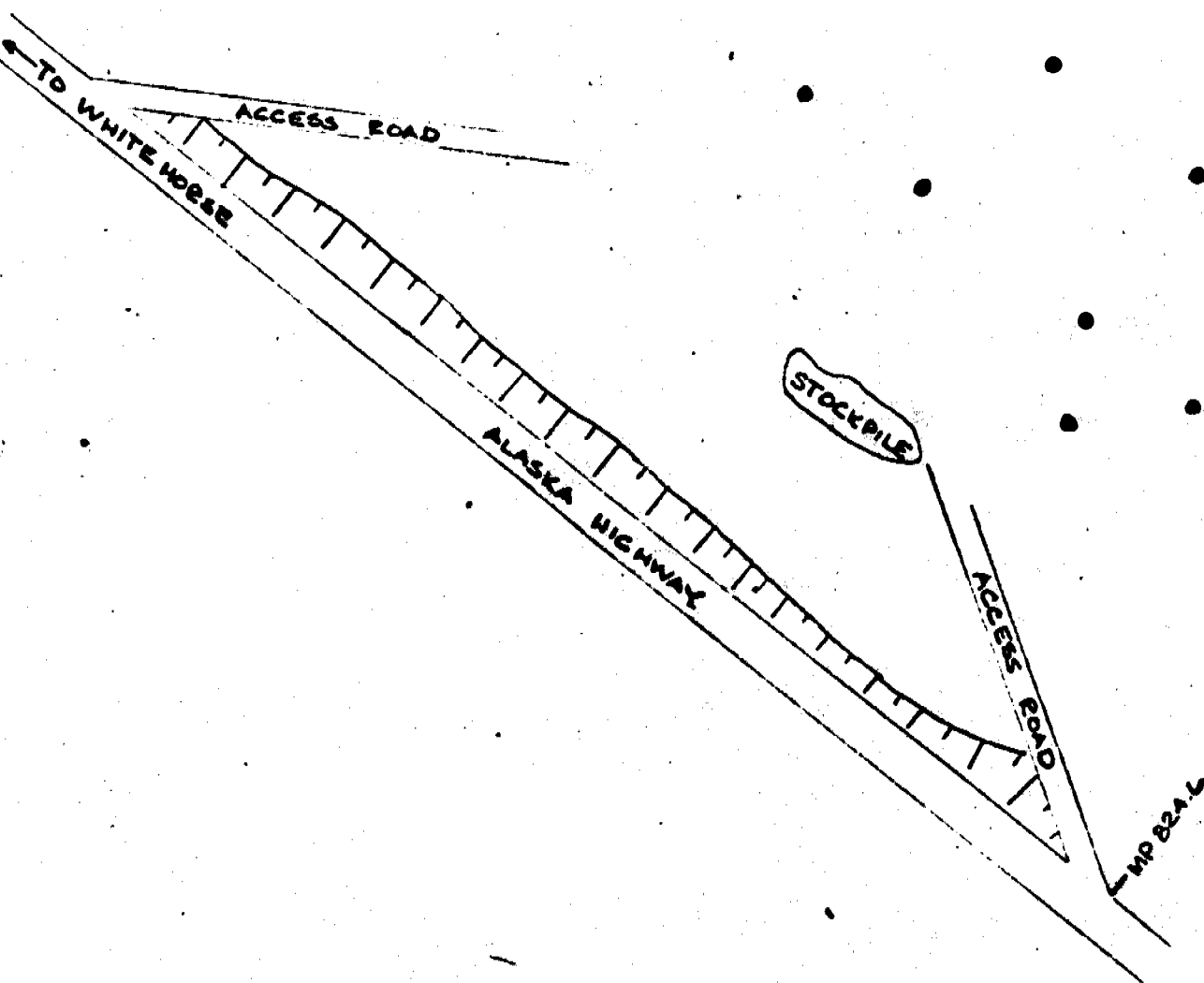
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle slope</u>	Tree Cover: <u>Light poplar</u>
	Material: <u>Sand</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - surfacing</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
	Date: <u>Dec/72</u> Sites Sampled: <u>9 Pits</u>			
SUBSURFACE TEST RESULTS	Depth	Max.	Min.	Average
	Overburden	<u>0'</u>		
	Material	<u>19'</u>	<u>12'</u>	
	Quantity: (CuYds) Estimated <u> </u> Proven <u> </u>			
Remarks: <u> </u>				

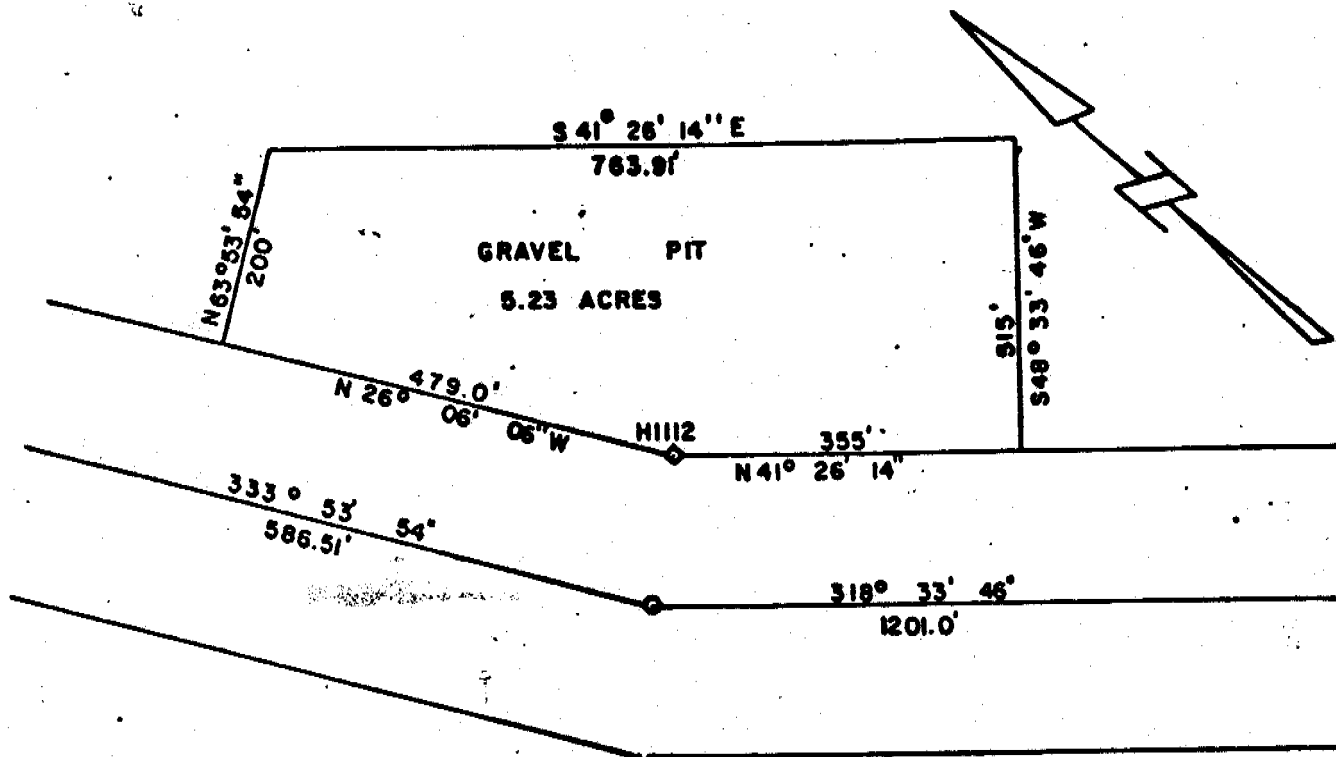
LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>								
Other Tests:	Petrographic Analysis: Limestone - 15%; Granite - 20%; Chert - 5%; Quartzite - 50%; Others - 10%									
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
Crush-Stockpile		100	90	80	71	55	35			N.P.
Av.-6 pits		100	94	85	77	66	47	23		7

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data DPW Legal File Federal Lands Office
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SITE NO 79
TESLIN RMA
TEST AREA
ALASKA HIGHWAY MP 824.6
SCALE 1 IN = 200 FT
• TEST HOLES



DEPARTMENT OF PUBLIC WORKS
CONSTRUCTION & ENGINEERING
PACIFIC REGION
WHITEHORSE DISTRICT

Drawing title:
Titre du dessin:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 200'

ALASKA HIGHWAY
M.P. 824.8

designed by
conçu par

drawn by
dessiné par

reviewed by
examiné par

approved by
approuvé par

project no
no du projet

date
dessiné

MAY 1971

LEGAL DESCRIPTION

GRAVEL PIT MILE 824.8

Commencing at Legal Survey Monument H-1112 being Post No. 1 located on the northeasterly boundary of the Alaska Highway at Mile 824.8 more or less, thence along said boundary in a northwesterly direction a distant of four hundred and seventy nine feet (479.0 ft) to Post No. 2; thence on a true bearing of N 63°53'46" E for a distant of two hundred feet (200.0 ft) to Post No. 3; thence on a true bearing of S 41°26'14" E for a distant of seven hundred sixty-three and ninety one, one-hundredths feet (763.91 ft) to Post No. 4; thence on a true bearing of S 48°33'46" E for a distant of three hundred and fifteen feet (315.0 ft) more or less to Post No. 5 a point located on the north-easterly boundary of the Alaska Highway; thence along said boundary in a north-westerly direction a distant of three hundred and fifty-five feet (355.0 ft) to Post No. 1; Point of Commencement.

The land contained therein being 5.23 acres more or less.

Lines Cut and Surveyed June 19/59

YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 80	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 825.0	KP Highway Name: Alaska	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description:	Tree Cover: Heavy Pine	
SITE			
TYPE	Material: Clayey Silty Gravel	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :
DPW Materials Inventory; Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>81</u>	
Location:	Highway No: <u>1</u>	Side ☒ R ☐ L	Distance: <u>Adjacent</u>
MP <u>825.4</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>
Temure: Plan ☐ Yes ☐ No ☐		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, Silt, 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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<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		Z Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
			95	72	58	45	30	12	---	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: Teslin		Borrow or Test Site No: 82	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: Adjacent
MP 825.6	KP Highway Name: Alaska	Access Removed	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 83	
Location:	Highway No: 1	Side R ☒ L ☒	Distance: Adjacent
MP 827.1	KP	Highway Name: Alaska	Access Good
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: Active	
Yes ☒ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Moderate Sidehill		Tree Cover: Light Poplar
SITE	Material: Gravel & Clay		Deposit:
TYPE	Past Use: Borrow Surfacing MP 825-832	Date:	
HISTORY	Performance Rating: More Binder Needed	Amount Used:	
	Remarks:		

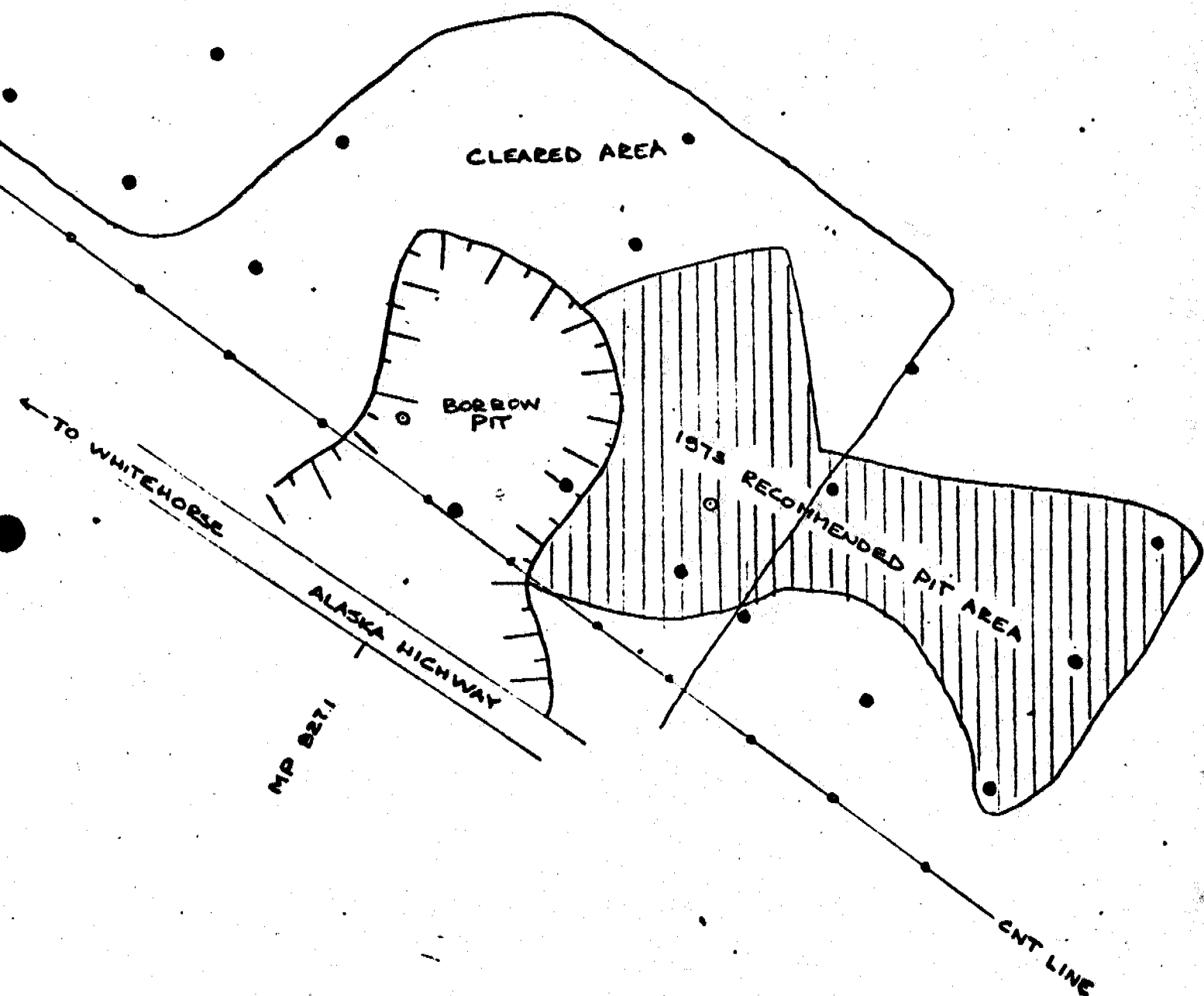
TEST SUMMARY	Augered	☒	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☒	Sketch (Plan)	☒	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: Sept/69		Sites Sampled: 15 Holes					
	Depth	Max.		Min.		Average		
	Overburden	0'						
	Material	18'		7'				
	Quantity (CuYds) Estimated Proven							
Remarks: Excellent crusher site, good binder adjacent to gravel, careful control needed.								

[illegible]

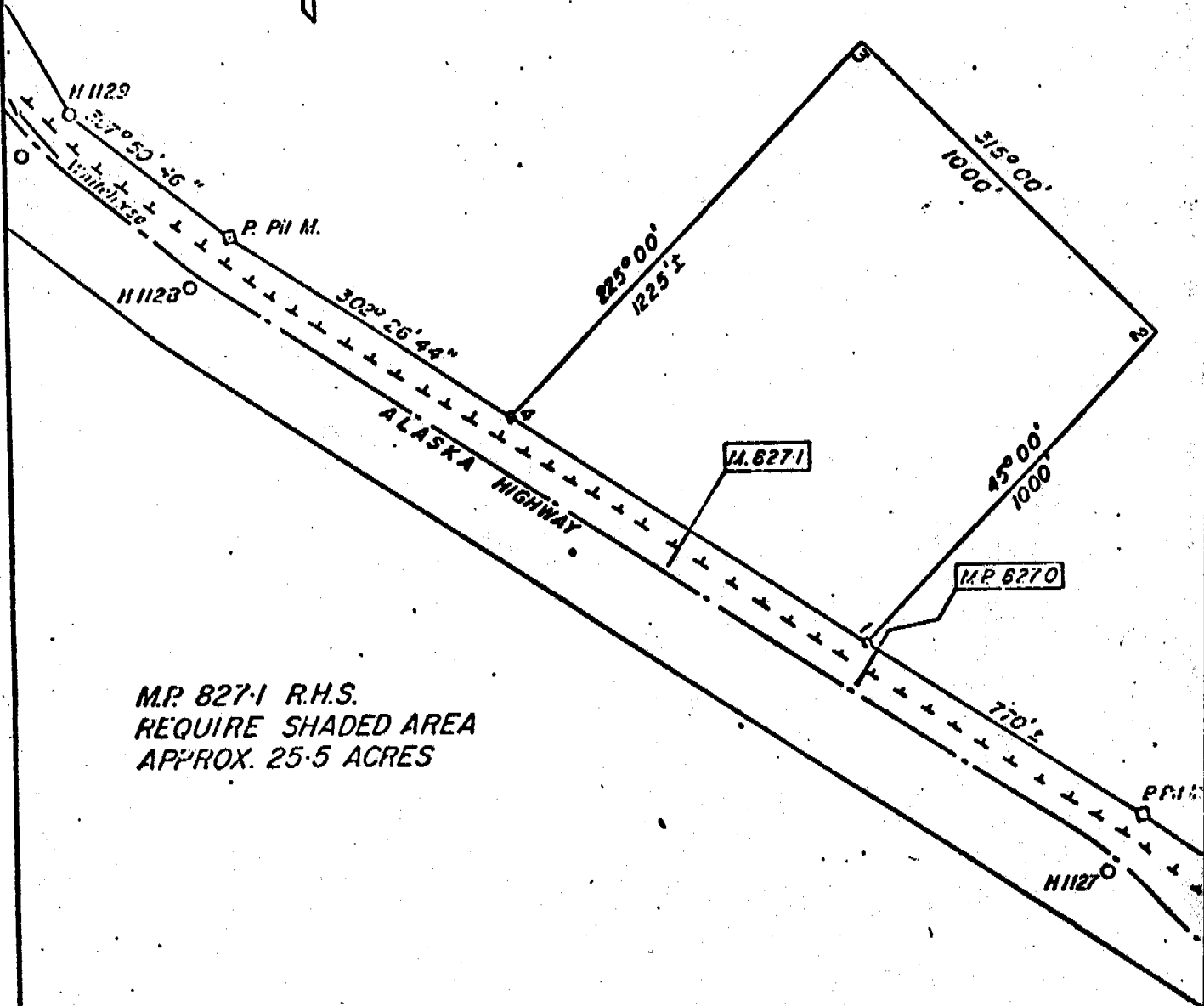
Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

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



SITE NO 83
TESLIN R.M.A.
TEST SITE
ALASKA HIGHWAY MP 827.1 R.H.S.
SCALE 1 IN = 200 FT
O TEST HOLE



MP 827-1 R.H.S.
REQUIRE SHADED AREA
APPROX. 25.5 ACRES

DEPARTMENT OF PUBLIC WORKS
MINISTÈRE DES TRAVAUX PUBLICS

Drawing title
Titre du dessin

GRAVEL PIT

scale
échelle 1" = 400'

ALASKA HIGHWAY
MILE 827.1

designed by
dessiné par R. D. J. D.

drawn by
dessiné par B. D. S. J. S. 19/1/

reviewed by
examiné par

approved by
approuvé par

project no.
no. du projet TS. 70-3

drawing no.
dessin no. 40-5

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>84</u>	
Location: <u>MP 828.9</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u>828.9</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Heavy Deadfall</u>
	Material: <u>Clay</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Binder</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Sept/69</u>		Sites Sampled: <u>6 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>1'</u>	<u>0'</u>	
	Material	<u>14'</u>	<u>6'</u>	
	Quantity (CuYds) <u>Estimated</u> <u>Proven</u>			
Remarks: <u>Inorganic Clay - Medium Plasticity, Water on Pit Floor</u>				

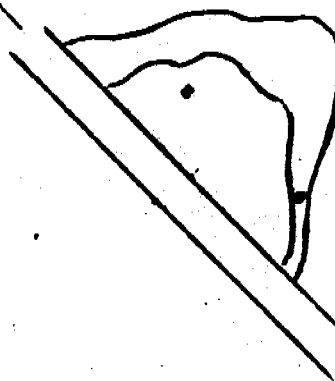
LAB. TEST RESULTS		Los Angeles Abrasion % Loss: <u> </u>		Crush Count: <u> </u>						
Other Tests: <u> </u>										
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
									<u>34.2</u>	<u>15.6</u>

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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TO WHITEHORSE



SWAMP

CREEK

SITE NO 84
TESLIN RMA.
TEST AREA
ALASKA HIGHWAY MP 828.9 RWS

1 IN = 200 FT
● TEST PITS

YUKON GRAVEL INVENTORY

R.M. Area: Teslin

Borrow or Test Site No: 85

Location: Highway No: 1 Side R ☒ L ☐ Distance: 0.3 mi
 MP 829.5 KP ☐ Highway Name: Alaska Access ☐

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

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: ☐	
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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YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 86	
Location:	Highway No: 1	Side	Rx ☐ L ☐
MP 829.5	KP	Highway Name: Alaska	Distance: Adjacent
Tenure:		Current Status: Active	
Plan	Yes ☐	No ☐	

STOCKPILE SITE TYPE HISTORY	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope	Tree Cover: Light Poplar	
	Material: Silt	Deposit:	
	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
Remarks:			

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
	Remarks:			

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

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
------------	--

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>87</u>	
Location: <u>MP 830.1</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>0.2 mi</u>
KP <u>830.1</u>	Highway Name: <u>Alaska</u>	Access: <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

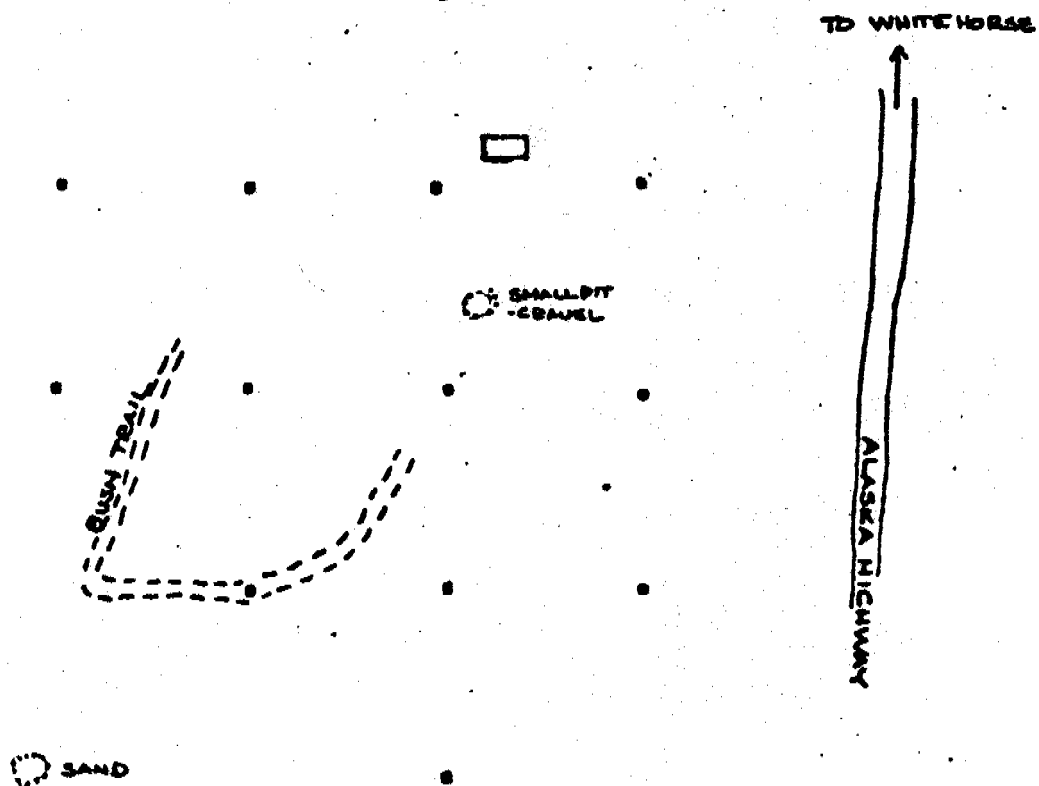
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: <u>Gentleslope</u>	Tree Cover: <u>Moderate Pine</u>
	Material: <u>Sand</u>	Deposit:
	Past Use: <u>Borrow - Small</u>	Date:
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☒ Trenched ☐ Not Indicated ☐ Lab. Test ☒ Sketch (Plan) ☒ Crushed: ☐			
	Date: <u>Sept/69</u>		Sites Sampled: <u>14 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2'</u>	<u>1'</u>	
	Material	<u>9'</u>	<u>4'</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
					100	99	97	93	--	0.0

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
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SITE NO 87
TESLIN RMA.

TEST AREA
ALASKA HIGHWAY MP 830.1 LMS

SCALE 1 IN = 200 FT

■ TEST PITS

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>88</u>	
Location: <u>MP 834.7</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Sidehill Cut</u>	Tree Cover: <u>Light Poplar</u>
	Material: <u>Clay</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Binder</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<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 <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
									35.8	9.7

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

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

R.M. Area: Teslin		Borrow or Test Site No: 89	
Location: MP 19	Highway No: 8	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: South Canal Road	Access Good	
Tenure: Plan		Current Status: Active	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gently Rolling	Tree Cover: Mod. Pine
	Material: Sand and Gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: Oct/73		Sites Sampled: 7 Pits	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated		Proven	
Remarks:				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count: 70%								
Other Tests:	Petrographic Analysis: Granite - 40%; Andesite - 25%; Quartzite - 15%; Limestone - 5%; Chert - 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
5	1/2 - 10	71	61	49	38	22	5	1		
Lab crush -	1 pit		98	76	50	29	7	2		

Potential Conflicts	Environmental:
	Land Use:

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

R.M. Area: Teslin Borrow or Test Site No: 90

Location: Highway No: -8 Side ☒ R ☐ L Distance: Adjacent
MP 2.0 KP Highway Name: South Canol Access

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description:	Tree Cover: Mod. Pine	
SITE	Material: Sand and Gravel		Deposit:
TYPE	Past Use: Borrow	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☒	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: Oct/73		Sites Sampled: 11 Pits					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated				Proven			
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE: DPW Materials Inventory; Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

K.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>91</u>	
Location: <u>MP 837.3</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u> </u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u> </u>	Tree Cover: <u> </u>
	Material: <u>Clay</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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
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
									30.4	3.5

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

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

R.M. Area: Teslin

Borrow or Test Site No: 92

Location:

Highway No: 1

Side

R

L

x

Distance: 0.3 mi

MP 836.6

KP

Highway Name:

Alaska

Access

Tenure:

Plan

Yes

No

Current Status:

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount:

Cu.Yds.

Description: Moderate Slope

Tree Cover: Heavy Pine

Material: Clay

Deposit:

Past Use: Borrow - Bridge Approach

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>Teslin</u>		Borrow or Test Site No: <u>93</u>	
Location:	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
MP <u>836.9</u>	KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u>Good</u>
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	<u>Inactive</u>	

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Steep Sidehill		Tree Cover: Heavy Pine
SITE	Material: Clay		Deposit:
TYPE	Past Use: Borrow	Date:	
HISTORY	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

Page 1 of 2

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>94</u>	
Location: <u>MP 840.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u>840.0</u>	Highway Name: <u>Alaska</u>	Access <u></u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: <u>Active</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>May/66</u>	Crush Amount: <u>+ 2000</u> Cu.Yds.
	Description: <u>Flat to Mod. Slope</u>	Tree Cover: <u>Heavy Pine</u>
	Material: <u>Gravel</u>	Deposit: <u></u>
	Past Use: <u>Crush Surfacing MP 832-46</u>	Date: <u>1970</u>
	Performance Rating: <u></u>	Amount Used: <u></u>
Remarks: <u></u>		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	<u></u>
SUBSURFACE TEST RESULTS	Date: <u>Sept/70</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>Clay binder from pit at 844.6 added to gravel.</u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u></u>	Crush Count: <u></u>								
Other Tests:	Petrographic Analysis - Quartzite - 35%; Granite - 20%; Calc Skarn-13%; Argillite - 12%; Chert - 10%; Others - 10%									
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
Labcrush-Av. 3 Pits RHS			100	80	56	41	14	2		
Pitrun-Av. 4 Pits RHS		92	78	65	50	38	12	2		
Labcrush-Av. 2 Samples			100	94	86	77	61	34	8	6
-Av. 4 samples			99	72	50	40	16	3		
Pitrun-Av. 4 pits LHS		100	94	88	82	74	59	32	18	6
1 Pit			100		99		87	32		

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data DPW Legal File Federal Lands Office
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R.H. Area:		Borrow or Test Site No: 94	
Location:	Highway No:	Side R ☐ L ☐	Distance:
MP 840.0	KP	Highway Name:	Access
Tenure: Plan Yes ☐ No ☐		Current Status:	

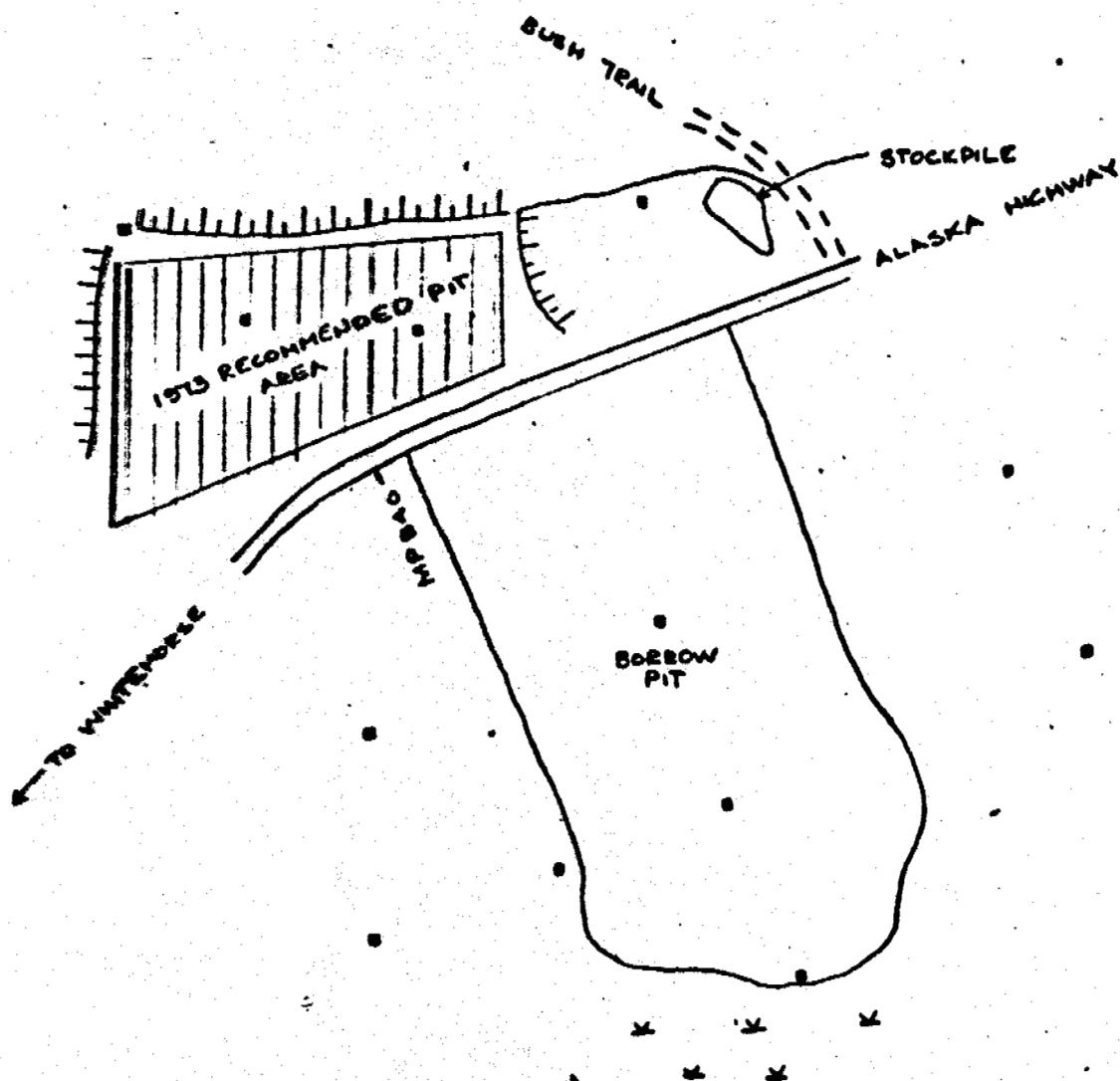
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover:
	Material:	Deposit:
	Past Use:	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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
Crush-3/4" with binder from MP 844.6 - 8 samples		100	79	65	55	31	14			
Pitrun-Av. 4 Pits		91	78	66	57	50	25	5		
Lab.Crush Av. 4 Pits		100	83	65	55	28	6			

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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SITE NO 94
TESLIN R.M.A.
TEST SITE
ALASKA HIGHWAY HP 8400 L12
SCALE 1 in = 200 FT
■ TEST PIT

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>95</u>	
Location: <u>MP 841.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u>841.0</u> Highway Name: <u>Alaska</u>		Access <u></u>	
Tenure: <u>Plan</u>		Current Status: <u></u>	
Yes ☐ No ☐			

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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
	Date: <u></u> Sites Sampled: <u></u>			
	Depth	Max.	Min.	Average
	Overburden			
SUBSURFACE TEST RESULTS	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
Crush			98	79	67	56	45	27	--	--
Pitrun		68	67	62	56	49	43	27	--	--

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: <u>Testin</u>		Borrow or Test Site No: <u>96</u>	
Location: <u>MP 844.0</u>	Highway No: <u> </u>	Side R ☐ L ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Plan ☐ Yes ☐ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle Sidehill</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Gravel, Glacial Till</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Surfacing</u>	Date: <u>1960, 1965</u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☒			
	Lab. Test ☒ Sketch (Plan) ☐ Crushed: ☐			
	Date: <u>Sept/65</u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden			
Material				
Quantity (CuYds) Estimated <u> </u> Proven <u> </u>				
Remarks: <u> </u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>																																																																									
	Other Tests: <u> </u>																																																																										
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 40</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td>Crush-3/4"</td> <td> </td> <td> </td> <td>100</td> <td>97</td> <td>89</td> <td>84</td> <td>74</td> <td>51</td> <td>--</td> <td>N.P.</td> </tr> <tr> <td>Crush-3/4"</td> <td> </td> <td> </td> <td>100</td> <td>94</td> <td>91</td> <td>89</td> <td>85</td> <td>69</td> <td>20</td> <td>7</td> </tr> <tr> <td>Crush-3/4</td> <td> </td> <td> </td> <td>100</td> <td> </td> <td>90</td> <td>88</td> <td>85</td> <td>70</td> <td>25</td> <td>10</td> </tr> <tr> <td>Crush-3/4"</td> <td> </td> <td> </td> <td>100</td> <td> </td> <td>92</td> <td>90</td> <td>84</td> <td>69</td> <td>--</td> <td>--</td> </tr> </table>											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-3/4"			100	97	89	84	74	51	--	N.P.	Crush-3/4"			100	94	91	89	85	69	20	7	Crush-3/4			100		90	88	85	70	25	10	Crush-3/4"			100		92	90	84	69	--	--
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-3/4"			100	97	89	84	74	51	--	N.P.																																																																	
Crush-3/4"			100	94	91	89	85	69	20	7																																																																	
Crush-3/4			100		90	88	85	70	25	10																																																																	
Crush-3/4"			100		92	90	84	69	--	--																																																																	

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

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

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

Location: Highway No: 1 Side R ☐ L ☒ Distance: Adjacent
 MP 844.1 KP Highway Name: Alaska Access Good

Tenure: Gravel Stockpile Reserve Current Status: Active
 Plan Yes ☒ No ☐

STOCKPILE SITE TYPE HISTORY

Date: May/77 Crush Amount: ± 10,000 Cu.Yds.

Description: Sidehill Tree Cover: Mod. Spruce, Pine

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:

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	94	92	92	88	71	19.6	5.8

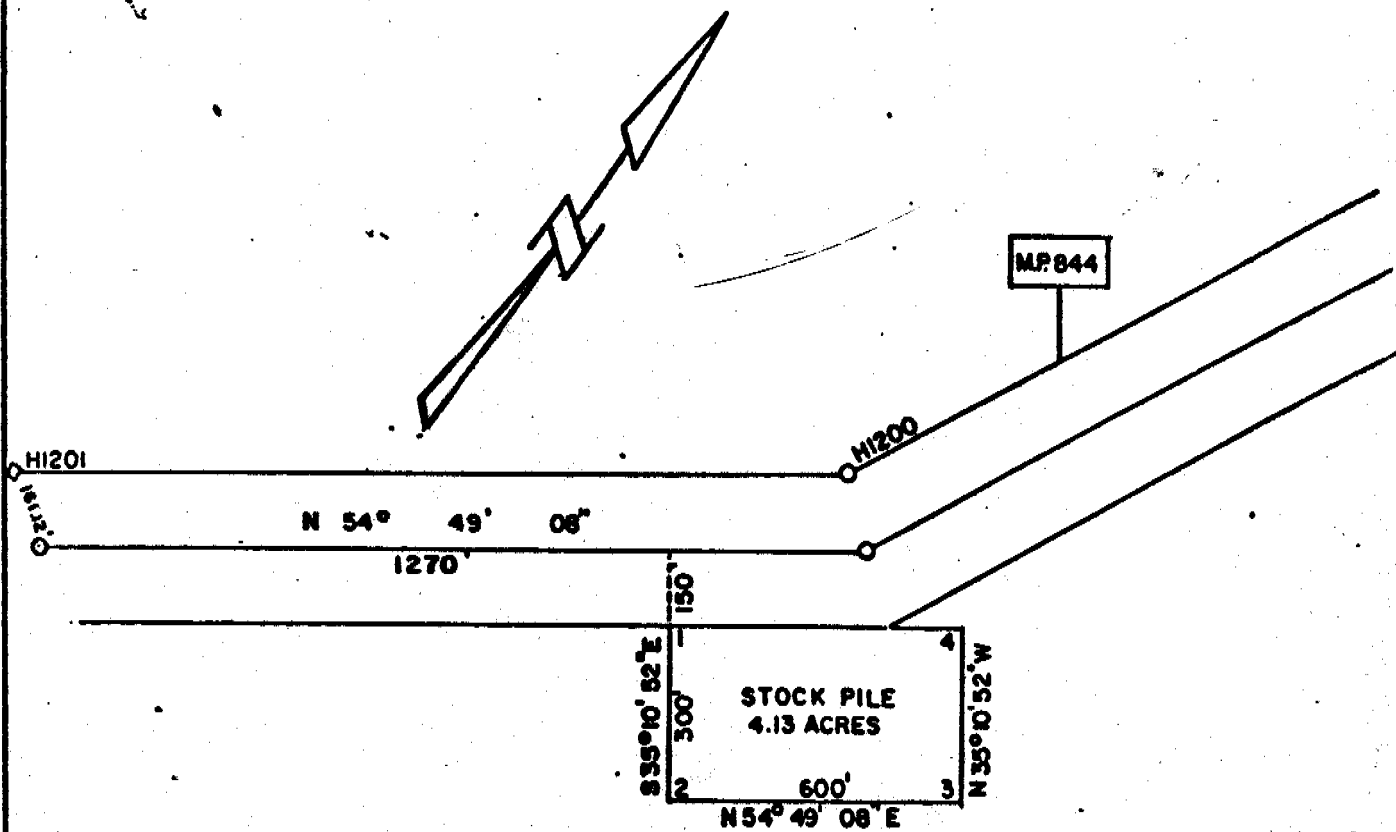
Potential Conflicts

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 STOCK PILE
RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M. P. 844I

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

STOCK PILE MILE 844.1

Beginning at Legal Survey Monument H-1201 located on the northerly boundard of the Alaska Highway right-of-way at Mile 844.4, thence on a true bearing of S56°34'49" E for a distant of one hundred sixty-one and twelve one hundredths feet (161.12 feet), thence on a true bearing of N 54° 49' 08" E for a distant of one thousand two hundred and seventy feet (1270.0 ft) thence on a true bearing of S 35° 10' 52" E for a distant of one hundred and fifty feet (150.0 ft) more or less to a point on the southerly boundary of the Alaska Highway being Post No. 1, Point of Commencement, thence on the same true bearing for a distant of three hundred feet (300.0 ft) to Post No 2, thence on a true bearing of N 54° 49' 08" E for a distant of six hundred feet (600.0 ft) to Post No 3, thence on a bearing of N 35° 10' 52" W for a distant of three hundred feet (300.00 ft) more or less to Post No 4, a point on the extension of the southerly boundary of the Alaska Highway, thence along said boundary on a true bearing of S 54° 49' 08" W for a distant of six hundred feet (600.0 ft) to Post No. 1. Point of Commencement.

The land contained therein being 4.13 acres more or less.

Lines cut and surveyed June 1959

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>98</u>	
Location: <u>MP 844.6</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: <u>Active</u>	

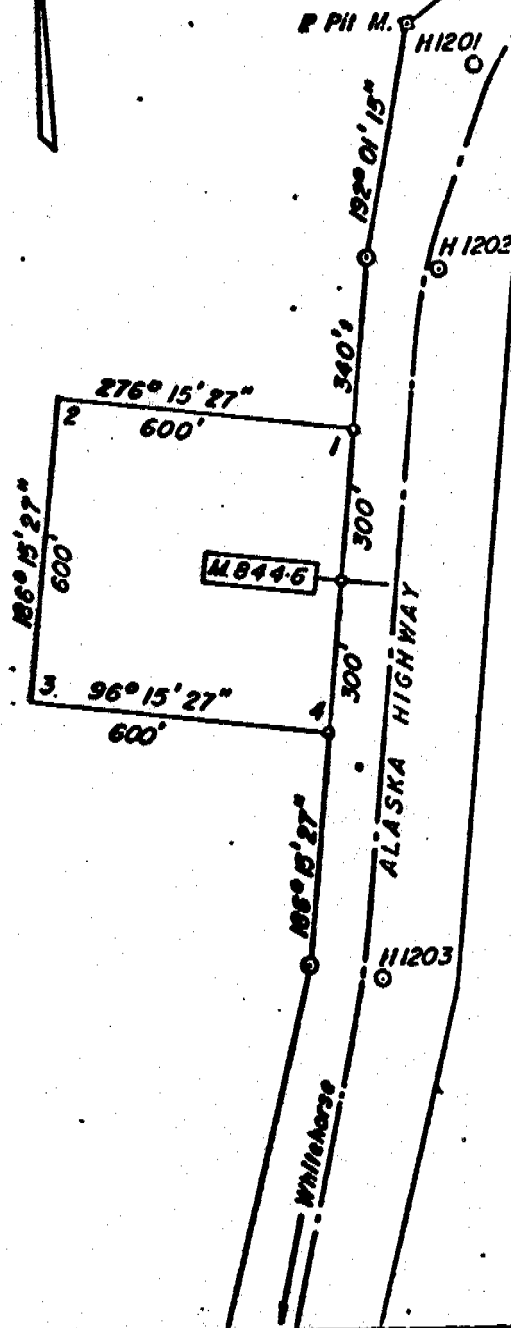
STOCKPILE SITE TYPE HISTORY	Date: <u>May/66</u>	Crush Amount: <u>+ 500</u> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Clay, Silt</u>	Deposit: <u> </u>
	Past Use: <u>Surfacing - Binder</u>	Date: <u>196?, 1970</u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	<u> </u>
SUBSURFACE TEST RESULTS	Date: <u> </u>		Sites Sampled: <u>13 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2'</u>	<u>1'</u>	<u> </u>
	Material	<u>13'</u>	<u>6'</u>	<u> </u>
	Quantity (CuYds) Estimated <u> </u>		Proven <u> </u>	
Remarks: <u>Water in Pit Bottom</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
Pitrun-Av.	2 pits	89 68 55 48 42 30 20 18 4
Pitrun	1 Pit	96 90 84 77 70 57 34 14 1
Pitrun-Stockpile		100 100 96 93 90 84 63 20 7
Pitrun-Binder		<u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u>> 75</u> 20 8
Pitrun-Binder		<u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u>> 75</u> 20 5

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

REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data DPW Legal File Federal Lands Office
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M.P. 844-6 R.H.S.
 REQUIRE SHADED AREA
 APPROX. 8.3 ACRES



DEPARTMENT OF PUBLIC WORKS
 MINISTÈRE DES TRAVAUX PUBLICS

Drawing title:
 Titre du dessin.

BINDER PIT

scale:
 échelle. 1" = 400'

ALASKA HIGHWAY
 MILE 844-6

designed by:
 conçu par: R. Daniels

drawn by:
 dessiné par: Rvd. Slays 20

reviewed by:
 examiné par:

approved by:
 approuvé par:

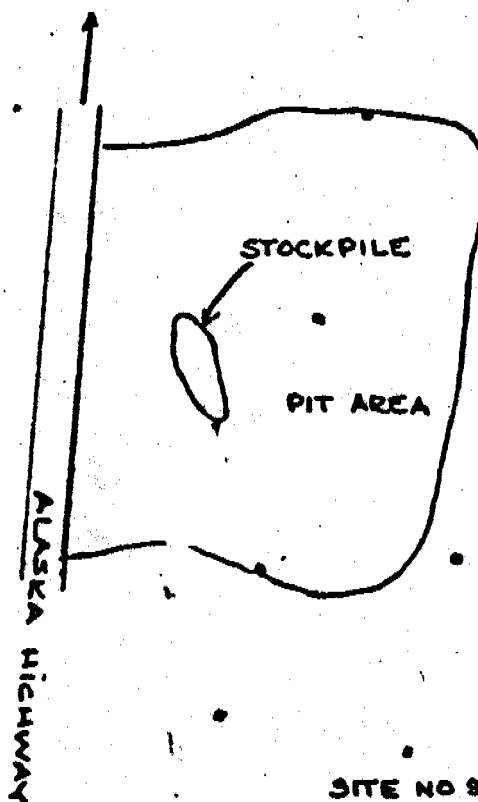
project no.
 no. du projet

TS. 70-5

sheet no.
 dessin n.º.

40-

TO WHITEHORSE



SITE NO 98
TESLIN RMA
TEST AREA
ALASKA HIGHWAY MP 844.6 RNS
1 in = 200 FT
■ TEST PIT

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: 99	
Location:	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
MP 846.2	KP	Highway Name: Alaska	Access
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>100</u>	
Location: <u>MP 847.9</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
Highway Name: <u>Alaska</u>		Access: <u></u>	
Tenure: Gravel Pit Reserve Appl. <u>Plan</u> Yes ☐ No ☐		Current Status: <u>Inactive</u>	

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

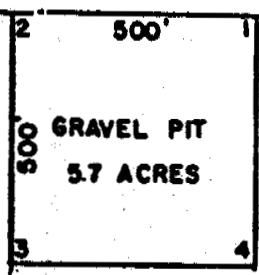
TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<u></u>
SUBSURFACE TEST RESULTS	Date: <u></u>		Sites Sampled: <u>7 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>1'</u>	<u>0</u>	
	Material	<u>10 1/2'</u>	<u>9 1/2'</u>	
	Quantity: (CuYds) Estimated <u></u>		Proven <u></u>	
Remarks: <u></u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u>15.7</u>	Crush Count: <u></u>																																																																	
Other Tests:	Petrographic Analysis: Argillite - 32%; Chert - 25%; Gabbro - 10%; Quartzite - 10%; Diorite - 8%; Andesite - 5%; Others - 10%																																																																		
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 40</th> <th>No. 200</th> <th>LL</th> <th>FI</th> </tr> <tr> <td><u>Pitrun</u></td> <td></td> <td><u>95</u></td> <td><u>83</u></td> <td><u>65</u></td> <td><u>35</u></td> <td><u>17</u></td> <td><u>6</u></td> <td><u>1</u></td> <td><u>--</u></td> <td><u>--</u></td> </tr> <tr> <td><u>Pitrun-Av. 6 pits</u></td> <td></td> <td><u>87</u></td> <td><u>72</u></td> <td><u>57</u></td> <td><u>43</u></td> <td><u>29</u></td> <td><u>9</u></td> <td><u>2</u></td> <td></td> <td></td> </tr> <tr> <td><u>Labcrush - Av. 6 Pits</u></td> <td></td> <td></td> <td><u>84</u></td> <td><u>80</u></td> <td><u>50</u></td> <td><u>34</u></td> <td><u>11</u></td> <td><u>2</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			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	FI	<u>Pitrun</u>		<u>95</u>	<u>83</u>	<u>65</u>	<u>35</u>	<u>17</u>	<u>6</u>	<u>1</u>	<u>--</u>	<u>--</u>	<u>Pitrun-Av. 6 pits</u>		<u>87</u>	<u>72</u>	<u>57</u>	<u>43</u>	<u>29</u>	<u>9</u>	<u>2</u>			<u>Labcrush - Av. 6 Pits</u>			<u>84</u>	<u>80</u>	<u>50</u>	<u>34</u>	<u>11</u>	<u>2</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	FI																																																									
<u>Pitrun</u>		<u>95</u>	<u>83</u>	<u>65</u>	<u>35</u>	<u>17</u>	<u>6</u>	<u>1</u>	<u>--</u>	<u>--</u>																																																									
<u>Pitrun-Av. 6 pits</u>		<u>87</u>	<u>72</u>	<u>57</u>	<u>43</u>	<u>29</u>	<u>9</u>	<u>2</u>																																																											
<u>Labcrush - Av. 6 Pits</u>			<u>84</u>	<u>80</u>	<u>50</u>	<u>34</u>	<u>11</u>	<u>2</u>																																																											

Potential Conflicts	Environmental: <u></u> Land Use: <u></u>
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REFERENCE:	DPW Materials Inventory; Alaska Highway Technical Data DPW Legal File Federal Lands Office
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MP 849



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. 847.9**

designed by conçu par
drawn by dessiné par
reviewed by examiné par
approved by approuvé par
project no no du projet

LEGAL DESCRIPTION

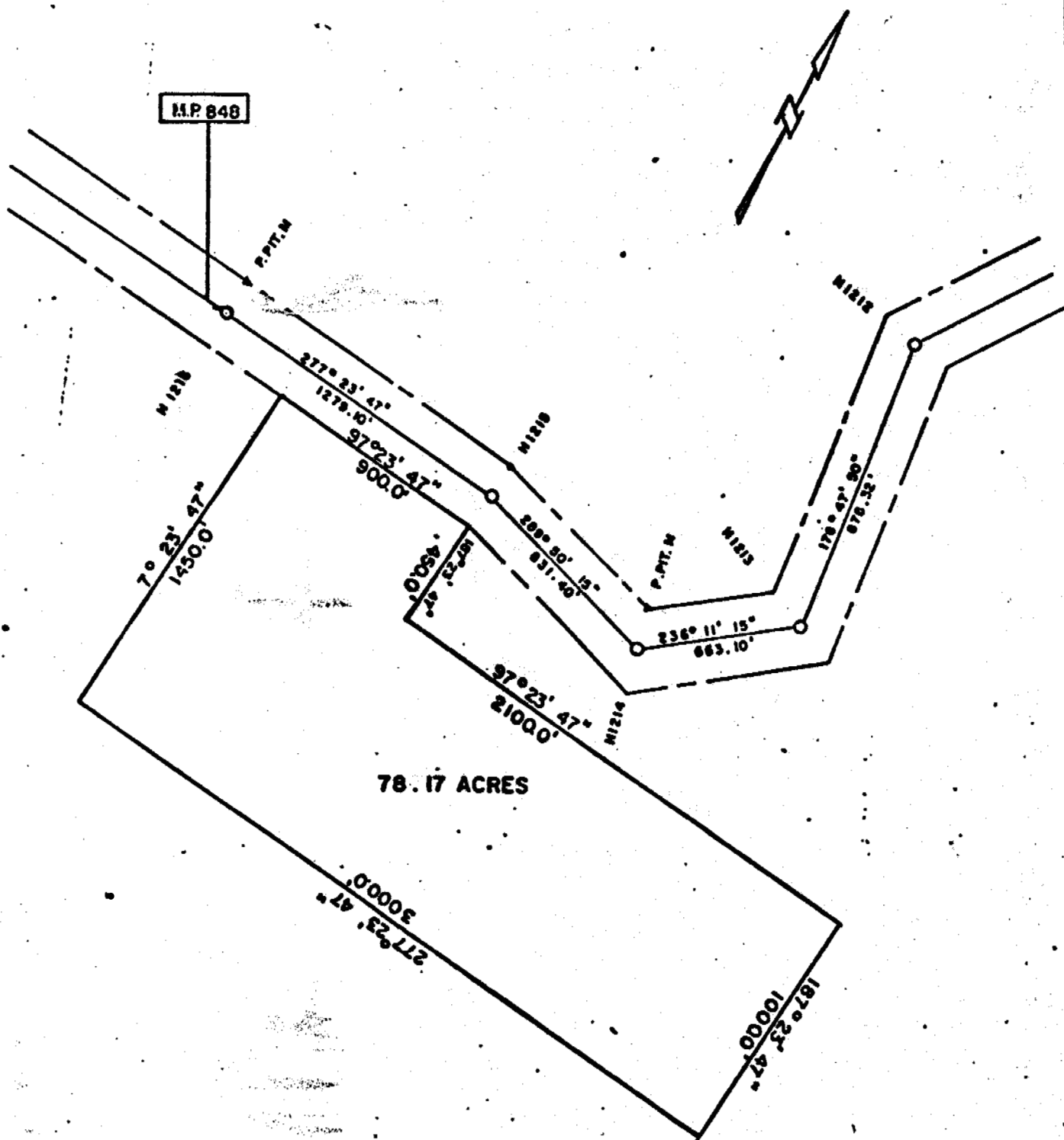
Temporary Application

NWHS Pit

Pending Survey by Roads Dept. 1955

Mile 847.9

Post No. 1 is located on the Southerly boundary of existing R.O.W. and 440 + feet from Legal P. Pit Monument H 1216 and on a true bearing of 97 degrees 23 minutes 47 seconds and 250 feet on a true bearing of 187 degrees 23 minutes 47 seconds; Thence 500 + feet on a true bearing of 277 degrees 23 minutes 47 seconds to Post No. 2; Thence 500 + feet on a true bearing of 187 degrees 23 minutes 47 seconds to Post No. 3; Thence 500 + feet on a true bearing of 97 degrees 23 minutes 47 seconds to Post No. 4; Thence 500 + feet on a true bearing of 07 degrees 23 minutes 47 seconds to Post No. 1, Point of Commencement.



DEPARTMENT OF PUBLIC WORKS
CONSTRUCTION & ENGINEERING
PACIFIC REGION
WHITEHORSE DISTRICT

Drawing title:
Titre du dessin:

GRAVEL PIT RESERVE
L.H.S.

scale:
échelle: 1" = 600'

ALASKA HIGHWAY
M.P. 847.7

designed by:
conçu par:

drawn by: N.L. 12/4/72
dessiné par:

reviewed by:
examiné par:

approved by:
approuvé par:

project no.:
no. du projet:

TS. 72-66 22-81

YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 101	
Location:	Highway No: I	Side? R ☐ L ☐	Distance: Adjacent
MP 848.6	KP Highway Name: Alaska	Access	
Tenure:		Current Status:	
Plan	Yes ☐ No ☐		

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated							
Remarks:								

LAB. TEST RESULTS		Los Angeles Abrasion % Loss:	Crush Count:
Other Tests:	P.I. = 9		

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE: DPW Materials Inventory; Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>102</u>	
Location:	Highway No: <u>1</u>	Side ☒ R ☐ L	Distance: <u>Adjacent</u>
MP <u>850.9</u>	KP <u> </u> Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure:		Current Status:	
Plan Yes ☐ No ☐			

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

TEST SUMMARY	Augured	☐	Pitted	☐	Trenched	☐	Not Indicated	☒
	Lab. Test	☒	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: Jan/64		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity: (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE : DPW Materials Inventory Alaska Highway Technical Data

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>103</u>	
Location: <u>MP 851.0</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
MP <u>851.0</u>	Highway Name: <u>Alaska</u>	Access <u></u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		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</u>
	Material: <u>Gravel</u>	Deposit: <u></u>
	Past Use: <u>Borrow - Surfacing MP 846-57</u>	Date: <u>1970</u>
	Performance Rating: <u>Needs more binder</u>	Amount Used: <u></u>
Remarks: <u></u>		

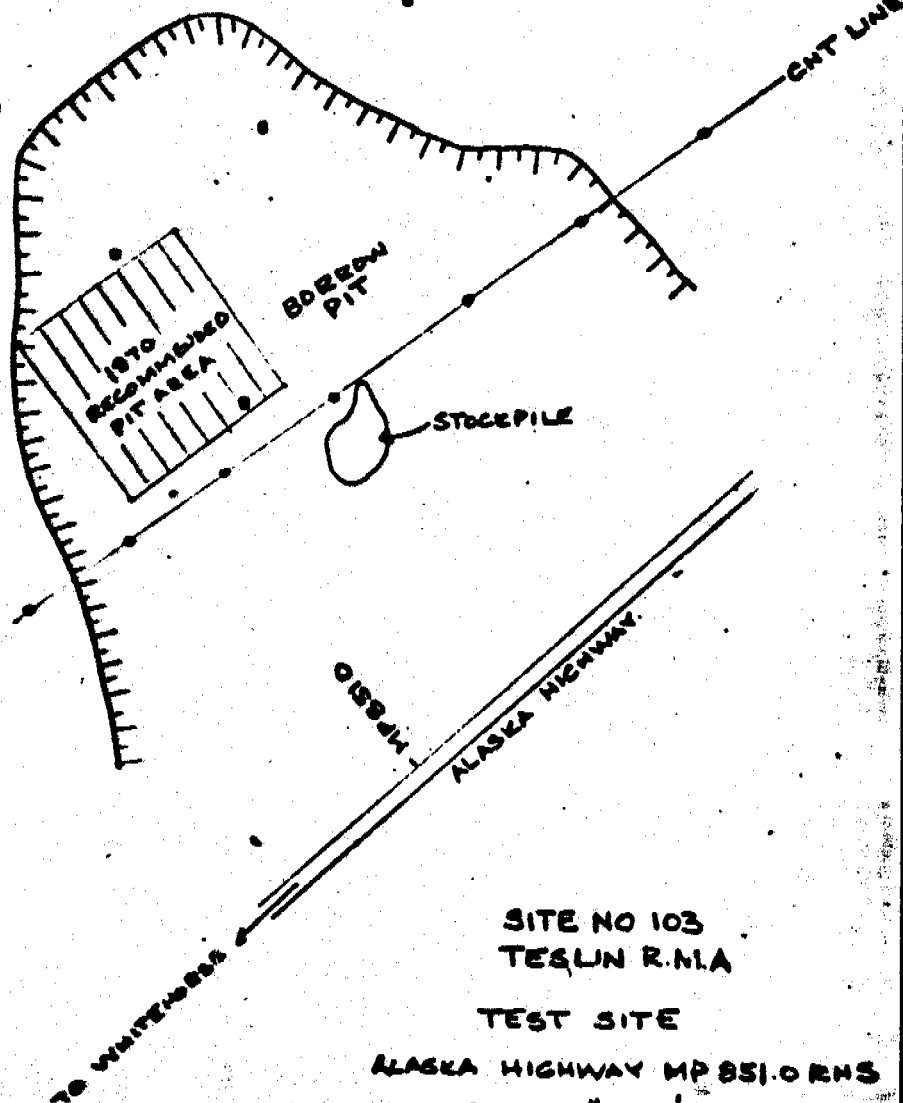
TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>1969</u>	Sites Sampled: <u>17 Pits</u>		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity: (CuYds) Estimated <u></u> Proven <u></u>			
Remarks: <u>Good, Clean Gravel, Needs Clay Binder</u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u></u>	Crush Count: <u></u>
Other Tests:	Petrographic Analysis: Granite - 40%; Basalt - 20%; Chert - 15%; Schist-Gneiss - 10%; Others - 15%	

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		98	96	62	35	22	7	3	0	0
Crush-Stockpile			97	73	52	35	13	6	0	0
Crush-1970 with added binder			100	79	64	51	26	15		0
Pitrun-1 pit		76	49	35	28	20	7	3		N.P.
Labcrush-1 pit			94	50	32	21	7	3		N.P.
Pitrun-Av 17 pits		73	50	35	23	14	4	2	0	0

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

REFERENCE:	DPW Material Inventory; Alaska Highway Technical Data DPW Legal File Federal Lands Office
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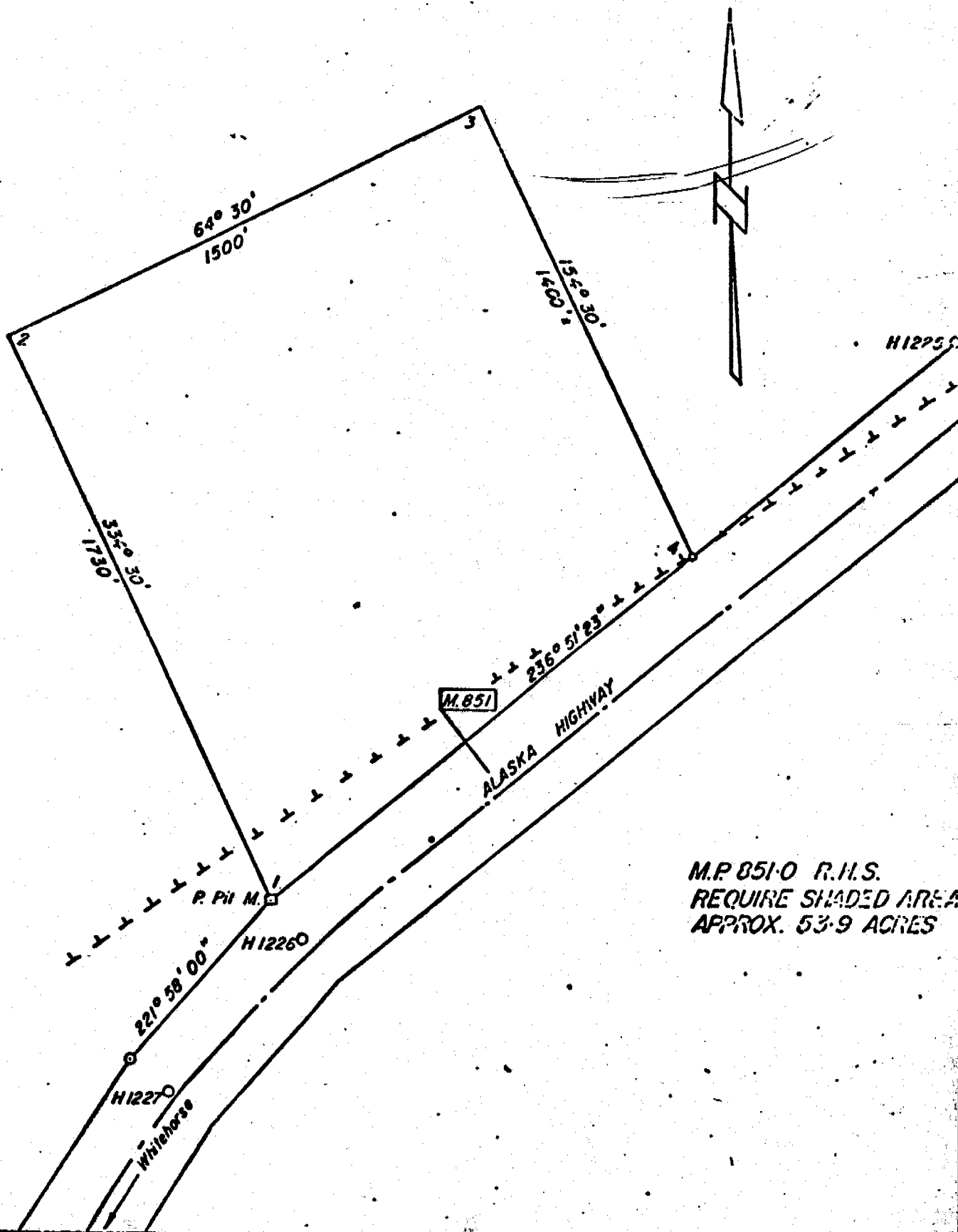
SITE NO 103
TESLIN R.N.A.

TEST SITE

ALASKA HIGHWAY MP 851.0 RNS

SCALE 1"=200'

• TEST PIT



M.P. 851-0 R.H.S.
 REQUIRE SHADED AREA
 APPROX. 53.9 ACRES



DEPARTMENT OF PUBLIC WORKS
 MINISTÈRE DES TRAVAUX PUBLICS

Drawing title:
 Titre du dessin:

GRAVEL PIT

scale:
 échelle 1" = 400'

ALASKA HIGHWAY
 MILE 851-0

designed by:
 conçu par R. Daniels

drawn by:
 dessiné par Bvd Sneyd 5/1/7

reviewed by:
 examiné par

approved by:
 approuvé par *[Signature]*

project no:
 no. du projet:
 T.S. 70-6

eng. no.
 dessin no.
 40-53

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>104</u>	
Location: <u>MP 852.8</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>0.3 mi</u>
KP <u>852.8</u>	Highway Name: <u>Alaska</u>	Access <u>Excellent</u>	
Tenure: <u>Gravel Pit Reserve Appl.</u> Current Status: <u>Active</u> Plan <u>Yes</u> ☒ <u>No</u> ☐			

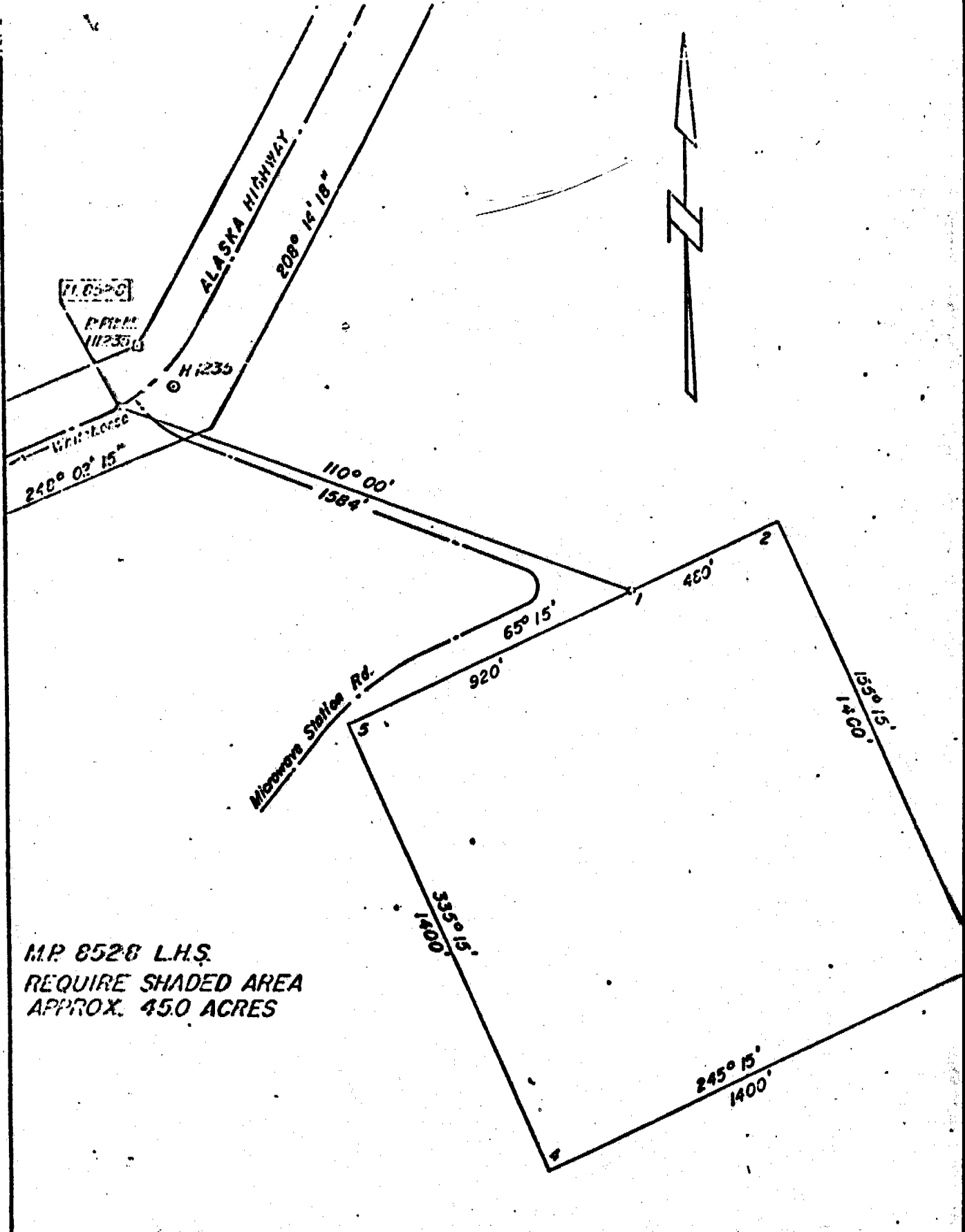
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle sidehill</u>	Tree Cover: <u>Mod.spruce, pine</u>
	Material: <u>Glacial till</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☒	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Dec/69</u>		Sites Sampled: <u>7 holes</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2'</u>	<u>0'</u>	
	Material	<u>13'</u>	<u>2'</u>	
	Quantity (CuYds) Estimated <u> </u>		Proven <u> </u>	
	Remarks: <u>One hole permafrost at 2 feet</u>			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>																																																																									
Other Tests: <u> </u>																																																																											
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">Z Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 40</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td>Crush</td> <td>3/4"</td> <td></td> <td>100</td> <td>92</td> <td>81</td> <td>71</td> <td>58</td> <td>43</td> <td>19.6</td> <td>5.5</td> </tr> <tr> <td>Pitrun</td> <td></td> <td>97A</td> <td>92</td> <td>86</td> <td>78</td> <td>69</td> <td>57</td> <td>41</td> <td>19.9</td> <td>6.7</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>											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	Crush	3/4"		100	92	81	71	58	43	19.6	5.5	Pitrun		97A	92	86	78	69	57	41	19.9	6.7																						
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																																																																	
Crush	3/4"		100	92	81	71	58	43	19.6	5.5																																																																	
Pitrun		97A	92	86	78	69	57	41	19.9	6.7																																																																	

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

REFERENCE:	DPW Material Inventory, Alaska Highway Technical Data DPW Legal File Federal Lands Office
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MR 8528 L.H.S.
REQUIRE SHADED AREA
APPROX. 450 ACRES



DEPARTMENT OF PUBLIC WORKS

MINISTÈRE DES TRAVAUX PUBLICS

Drawing title:
Titre du dessin:

GRAVEL PIT

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
MILE 852.8

designed by:
conçu par: R Daniels

drawn by:
dessiné par: D & S Lays 20/

reviewed by:
examiné par:

approved by:
approuvé par:

project no.
no. du projet:

T.S. 70-7

drawn no.
dessiné no.

40-2

YUKON GRAVEL INVENTORY

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>105</u>	
Location: <u>MP 853</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Alaska</u>	Access <u> </u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		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>Clay</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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	<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 <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>	<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
			100	87	74	66	54	44	17.6	5.0

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

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

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>106</u>	
Location: <u>MP 853.6</u>	Highway No: <u>1</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u>Good</u>	
Tenure: Gravel Pit Reserve Appl. <u> </u>		Current Status: <u>Active</u>	
Plan Yes ☐ No ☐			

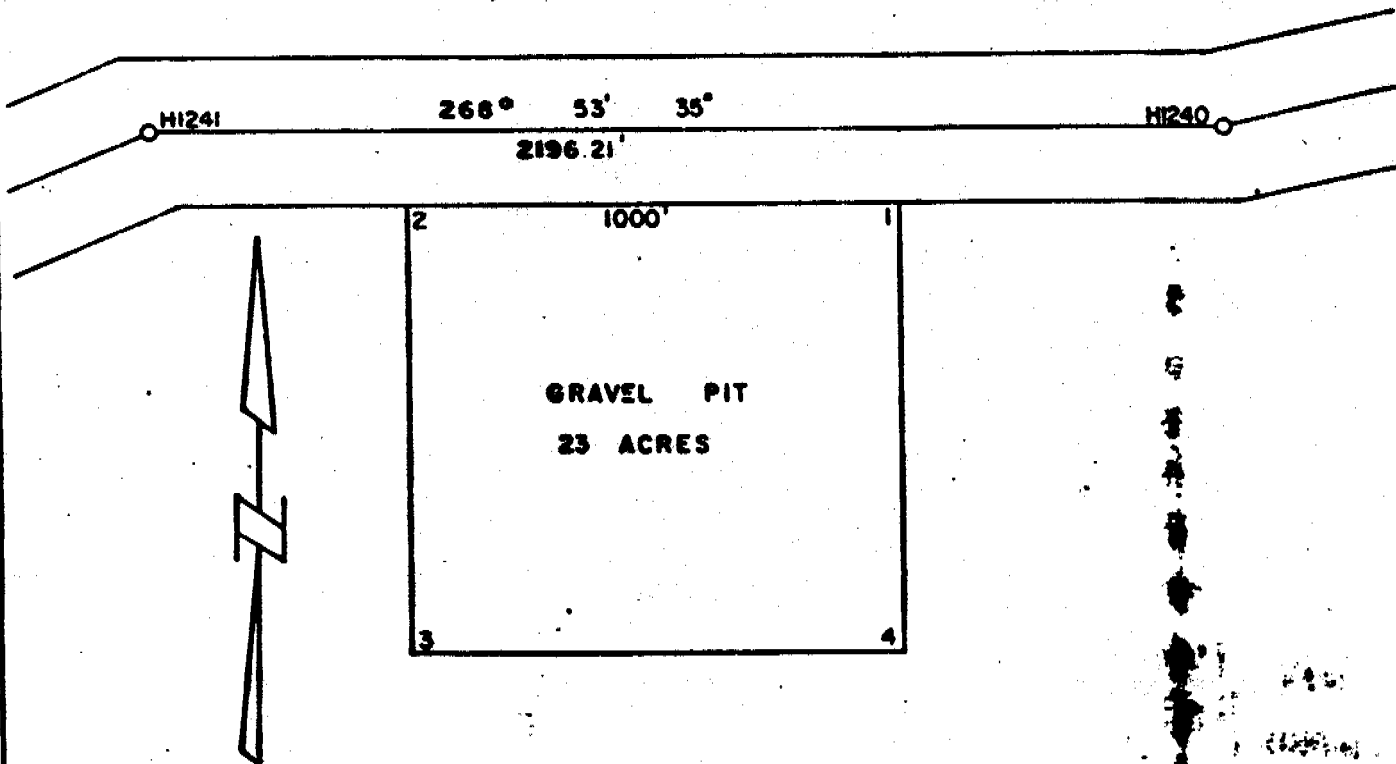
STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Crush Amount: <u>+ 3000</u> Cu.Yds.
	Description: <u>Gentle sidehill</u>	Tree Cover: <u>Heavy spruce</u>
	Material: <u>Silty, sandy gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - surfacing</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u> </u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated <u> </u>		Proven <u> </u>	
Remarks: <u>Part of borrow pit at 836.6</u>				

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>																																																																	
Other Tests:	<u> </u>																																																																		
<table border="1" style="width:100%"> <tr> <th colspan="2">Grain Size Analysis</th> <th colspan="8">% Passing Sieve Size</th> </tr> <tr> <th>Hole No.</th> <th>Depth</th> <th>1-1/2"</th> <th>3/4"</th> <th>3/8"</th> <th>No. 4</th> <th>No. 10</th> <th>No. 40</th> <th>No. 200</th> <th>LL</th> <th>PI</th> </tr> <tr> <td>Pitrun</td> <td></td> <td>95</td> <td>82</td> <td>65</td> <td>48</td> <td>30</td> <td>13</td> <td>5</td> <td>--</td> <td>--</td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>			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	82	65	48	30	13	5	--	--																																	
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	82	65	48	30	13	5	--	--																																																									

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

REFERENCE:	DPW Materials Inventory, Alaska Highway Technical Data 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:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 853.8

designed by
conçu par

date

drawn by
dessiné par

MAY 1972

reviewed by
examiné par

approved by
approuvé par

project no.
no. du projet

drawn no.
dessiné par

YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 107	
Location: MP 853.8	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
KP	Highway Name: Alaska	Access	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: Inactive	

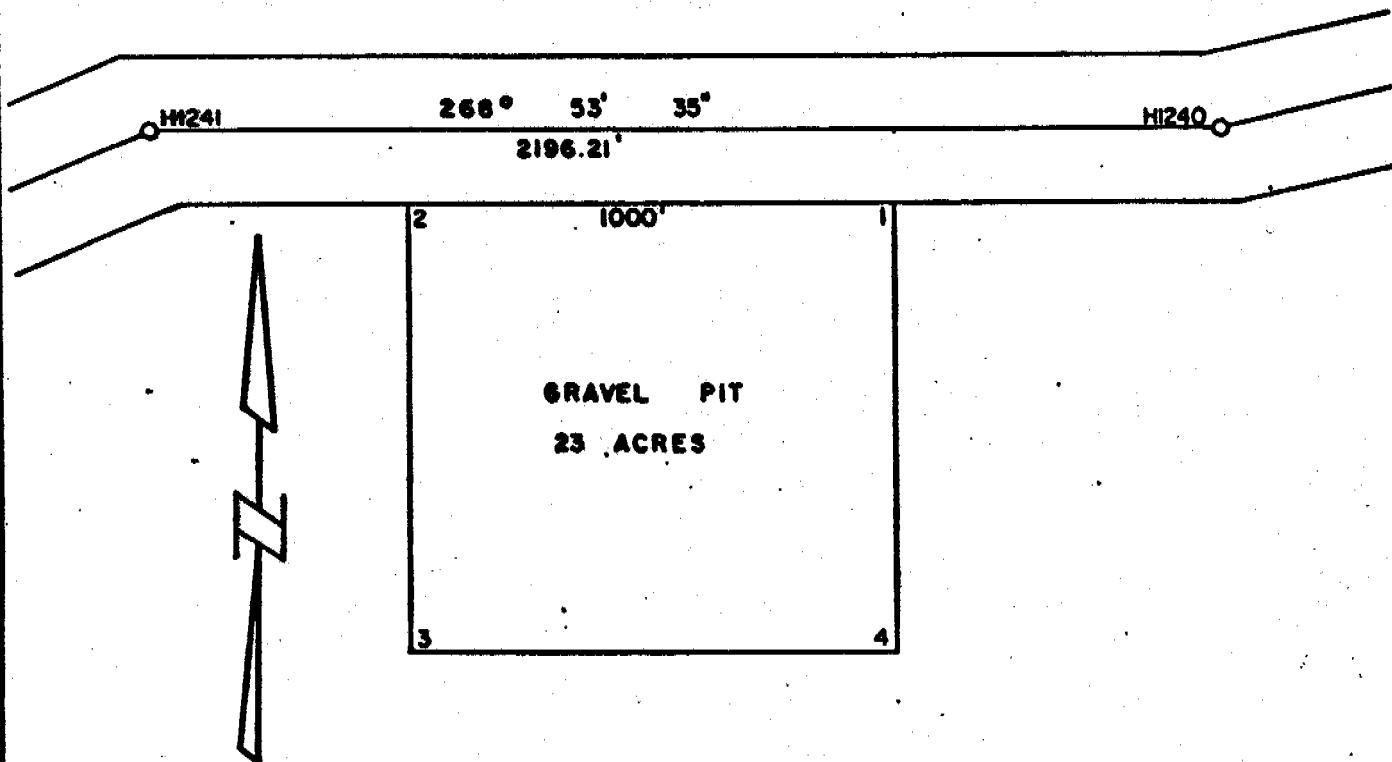
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Moderate sidehill	Tree Cover: Heavy spruce
	Material: Sand, gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: Oct/73	Sites Sampled: 11 pits		
	Depth	Max.	Min.	Average
	Overburden	1/2	0	
	Material	12 1/2	5 1/2	
	Quantity (CuYds) Estimated		Proven	
	Remarks: Sporadic permafrost. Investigated for crusher site. Pit extended to MP 853.6			

LAB. TEST RESULTS		Los Angeles Abrasion % Loss: 18.5	Crush Count: 30%							
Other Tests:	Petrographic Analysis: Shale-27%; Diorite-20%; Argillite-12%; Chert-11%; Andesite-10%; Quartzite-8%; Others-12%									
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. 6 pits		74	54	40	32	23	11	4		
Lab crush-av. 6 pits			99	72	45	34	15	5		

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory, Alaska Highway Technical Data 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:

GRAVEL PIT RESERVE

scale:
échelle: 1" = 400'

ALASKA HIGHWAY
M.P. 853.8

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

Temporary Application

NWHS Pit

Pending Survey by Roads Dept. 1955

Mile 853.8

Post No. 1 is located on the Southerly Boundary Existing R.O.W. and 675 + feet from Legal Survey Monument N 1240 on a true bearing of 268 degrees 53 minutes 35 seconds; thence 250 + feet on a true bearing of 178 degrees 53 minutes 35 seconds; Thence 1000 + feet on a true bearing of 268 degrees 53 minutes 35 seconds to Post No. 2; Thence 1000 + feet on a true bearing of 178 degrees 53 minutes 35 seconds to Post No. 3; Thence 1000 + feet on a true bearing of 88 degrees 53 minutes 35 seconds to Post No. 4; Thence 1000 + feet on a true bearing of 358 degrees 53 minutes 35 seconds to Post No. 1 Point of Commencement.

YUKON GRAVEL INVENTORY

R.H. Area: Teslin		Borrow or Test Site No: 108	
Location:	Highway No: 1	Side R ☐ L ☒	Distance: Adjacent
MP 854.4	KP ☐ Highway Name: Alaska	Access ☐	
Tenure:		Current Status: Inactive	
Plan Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Heavy pine	
SITE	Material: Gravel	Deposit:	
TYPE	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity: (CuYds)		Estimated	Proven				
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>109</u>	
Location: <u>MP 855.5</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle sidehill</u>	Tree Cover: <u>Light spruce</u>
	Material: <u>Silty clay</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - binder</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>May/63</u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity:(CuYds) Estimated <u> </u>		Proven <u> </u>	
Remarks: <u> </u>				

LAB. TEST RESULTS		Los Angeles Abrasion % Loss: <u> </u>		Crush Count: <u> </u>						
Other Tests: <u> </u>										
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200	LL	PI
			100	80	63	44	14	4	--	--

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: Teslin Borrow or Test Site No: 110

Location: Highway No: 1 Side R☒ L☐ Distance: Adjacent
MP 855.9 KP Highway Name: Alaska Access

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

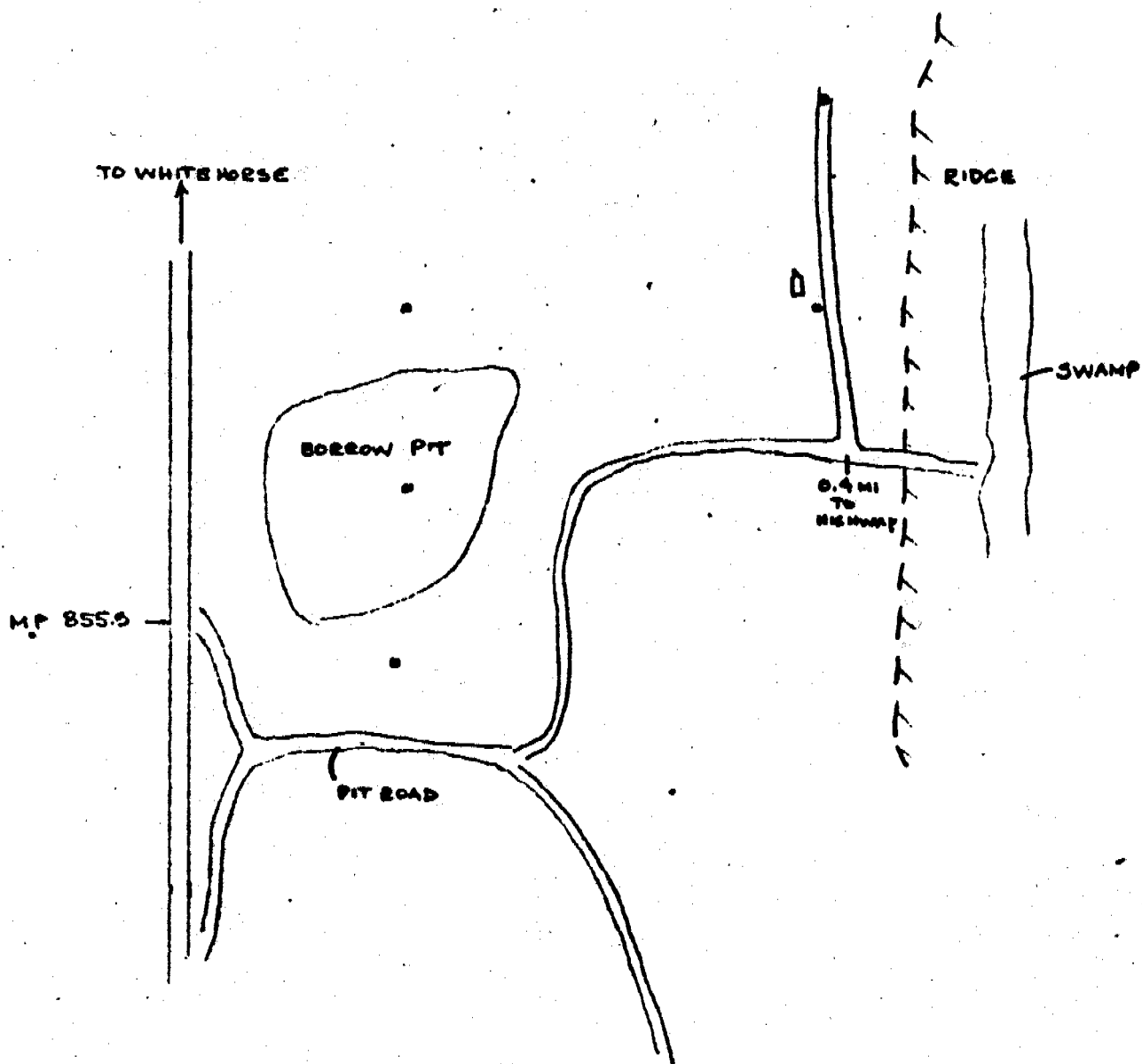
STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description:	Tree Cover Heavy spruce, poplar	
	Material: Sandy, silty gravel	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☒	Trenched	☐	Not Indicated	☐
	Lab. Test	☒	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: Sept/69		Sites Sampled: 5 pits					
	Depth	Max.		Min.		Average		
	Overburden	1'		0				
	Material	12'		7'				
	Quantity: (CuYds) Estimated Proven							
Remarks: No PI, Material too high in fines.								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE: DPW Materials Inventory, Alaska Highway Technical Data



SITE NO. 110
 TESLIN RMA.
 TEST AREA
 ALASKA HIGHWAY MP 855.9
 ■ TEST PITS
 NO SCALE

YUKON GRAVEL INVENTORY

R.M. Area: Teslin		Borrow or Test Site No: III	
Location:	Highway No: 1	Side R ☒ L ☐	Distance: 0.1 mi
MP 856.1	KP	Highway Name: Alaska	Access Good
Tenure:		Current Status: Inactive	
Plan	Yes ☐ No ☐		

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle slope		Tree Cover: Mod. spruce
SITE	Material: Bouldery silt		Deposit:
	Past Use: Borrow	Date:	
TYPE	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds) Estimated		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>112</u>	
Location: <u>MP 856.7</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Flat-rolling</u>	Tree Cover <u>Mod.</u> poplar, spruce
	Material: <u>Bouldery, silty, sandy 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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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>
------------	-------------

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>113</u>	
Location: MP <u>857.8</u>	Highway No: <u>1</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Mod.spruce, poplar</u>
	Material: <u>Silty, sandy gravel</u>	Deposit: <u>Eskers</u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
	Remarks: <u> </u>	

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Sept/69</u>		Sites Sampled: <u>8 pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2</u>	<u>1</u>	
	Material	<u>13</u>	<u>7 1/2</u>	
	Quantity (CuYds) <u>Estimated</u>		<u>Proven</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
Crush-3/4"			99	64	39	26	12	4	--	N.P.
Pitrun		68	56	45	34	25	12	4	--	N.P.

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

REFERENCE:	APW Materials Inventory, Alaska Highway Technical Data
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YUKON GRAVEL INVENTORY

R.H. Area: <u>Teslin</u>		Borrow or Test Site No: <u>114</u>	
Location: <u>MP 858.0</u>	Highway No: <u>1</u>	Side ☒ R ☐ L	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		Current Status: <u> </u>	

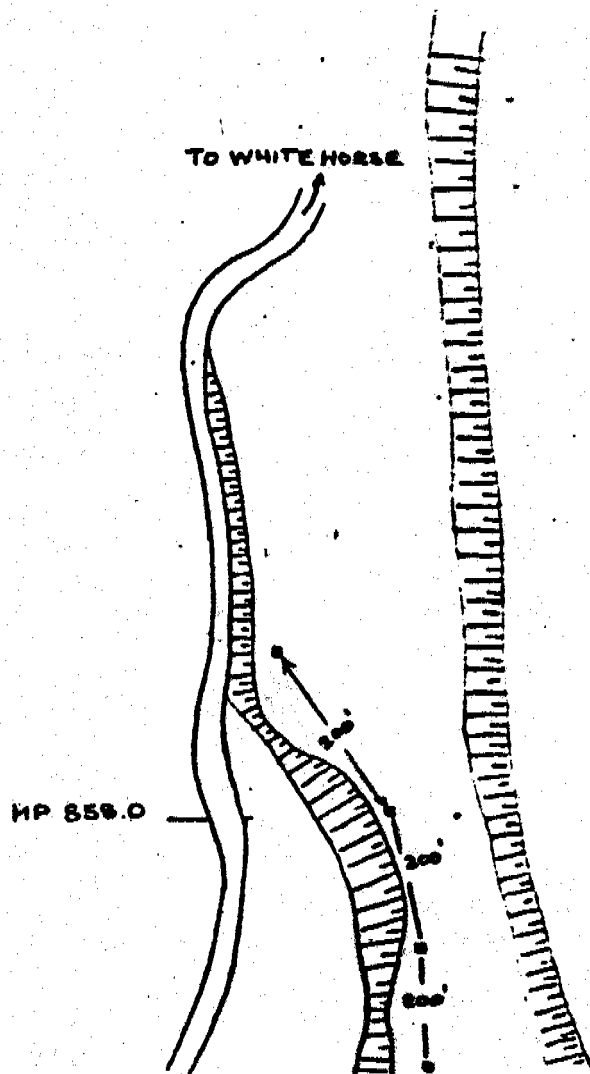
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u> </u>	Tree Cover: <u>Light spruce, poplar</u>
	Material: <u>Gravel</u>	Deposit: <u> </u>
	Past Use: <u> </u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☒	Trenched ☐	Not Indicated ☐												
	Lab. Test ☒	Sketch (Plan) ☒	Crushed: ☐	<u> </u>												
	Date: <u> </u>		Sites Sampled: <u>4 pits</u>													
	<table border="1" style="width:100%"> <tr> <td>Depth</td> <td>Max.</td> <td>Min.</td> <td>Average</td> </tr> <tr> <td>Overburden</td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> </tr> <tr> <td>Material</td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> </tr> </table>				Depth	Max.	Min.	Average	Overburden	<u> </u>	<u> </u>	<u> </u>	Material	<u> </u>	<u> </u>	<u> </u>
	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>Deposit too small</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
Crush-3/4"	<u> </u>	100	97	57	45	29	11	4	---	N.P.

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

REFERENCE:	<u>DPW Materials Inventory; Alaska Highway Technical Data</u>
------------	---



SITE NO 114
TESLIN R.M.A.
TEST AREA
ALASKA HIGHWAY MP 858.0
NO SCALE
• TEST PITS

YUKON GRAVEL INVENTORY

R.M. Area: <u>Teslin</u>		Borrow or Test Site No: <u>115</u>	
Location: MP <u>859.0</u>	Highway No: <u>1</u>	Side ☒ R ☐ L	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Alaska</u>		Access <u> </u>	
Tenure: Plan ☐ Yes ☐ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Steep sidehill</u>	Tree Cover: <u>Mod.spruce, poplar</u>
	Material: <u>Silty, sandy 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 ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<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) <u>Estimated</u>		<u>Proven</u>	
	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

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

REFERENCE:	<u> </u>
------------	-------------

YUKON GRAVEL INVENTORY

R.M. Area: Teslin

Borrow or Test Site No: 116

Location:

Highway No: 1

Side

Rx

L

Distance:

Adjacent

MP 860

KP

Highway Name:

Alaska

Access

Tenure: Gravel Pit Reserve Appl.
Plan Yes ☒ No ☐

Current Status: Inactive

STOCKPILE

SITE

TYPE

HISTORY

Date:

Amount:

Cu.Yds.

Description: Gentle slope

Tree Cover: Heavy spruce

Material: Sand, gravel, 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/73

Sites Sampled: 7 pits

SUBSURFACE

TEST RESULTS

Depth

Max.

Min.

Average

Overburden

1/2'

0

Material

10

5

Quantity (CuYds) Estimated

Proven

Remarks: Insufficient quantity of gravel for crusher site. Limy coating on 5% of gravel.

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-1 pit		77	60	46	33	22	8	4		
Labcrush-1 pit-3/4"			100	75	47	30	11	5		
Labcrush-1 pit-3/4"			100	87	68	53	16	6		

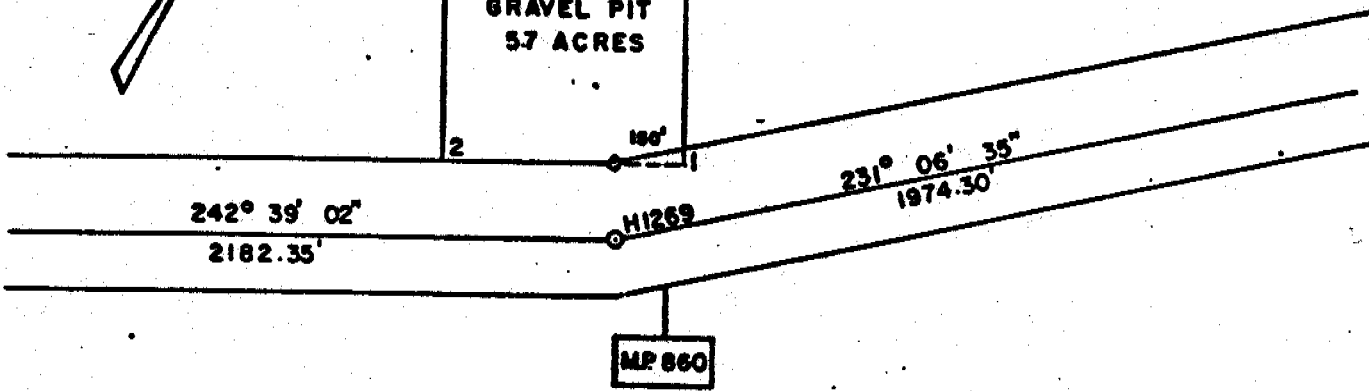
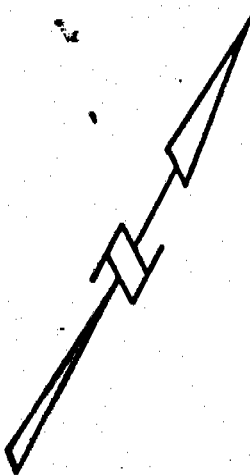
Potential
Conflicts

Environmental:

Land Use:

REFERENCE:

DPW Material 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. 860

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.

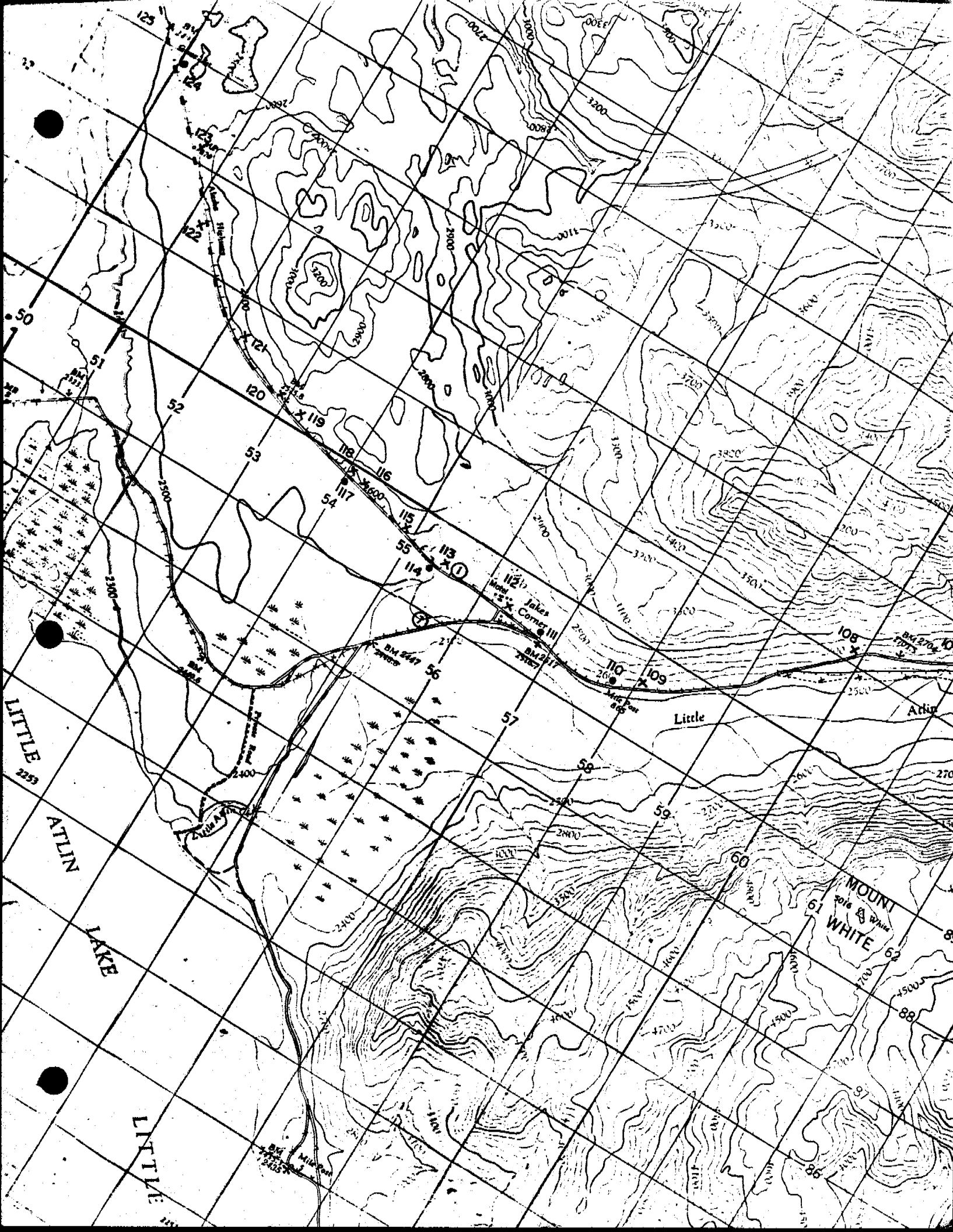
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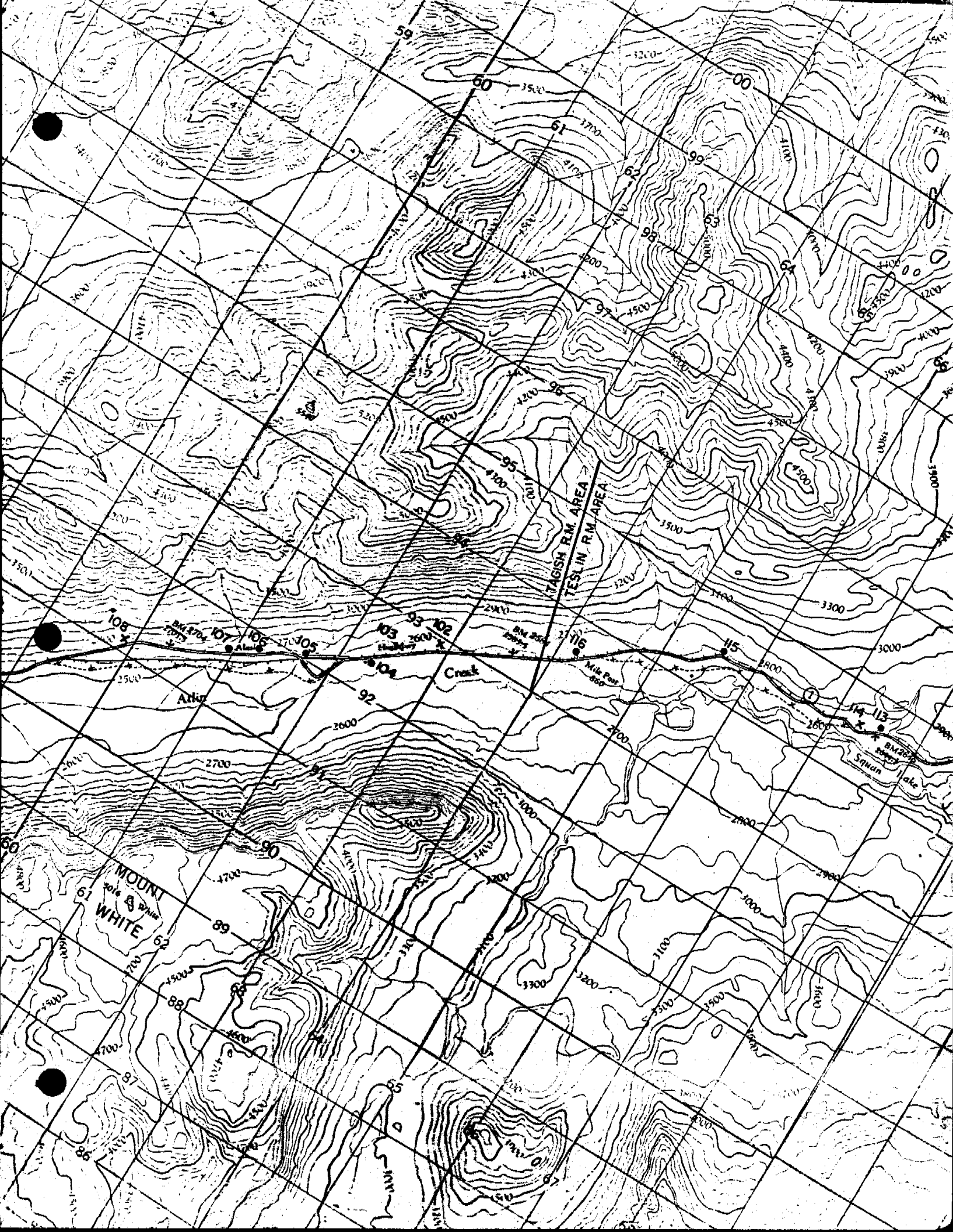
GRAVEL PIT MILE 860.0

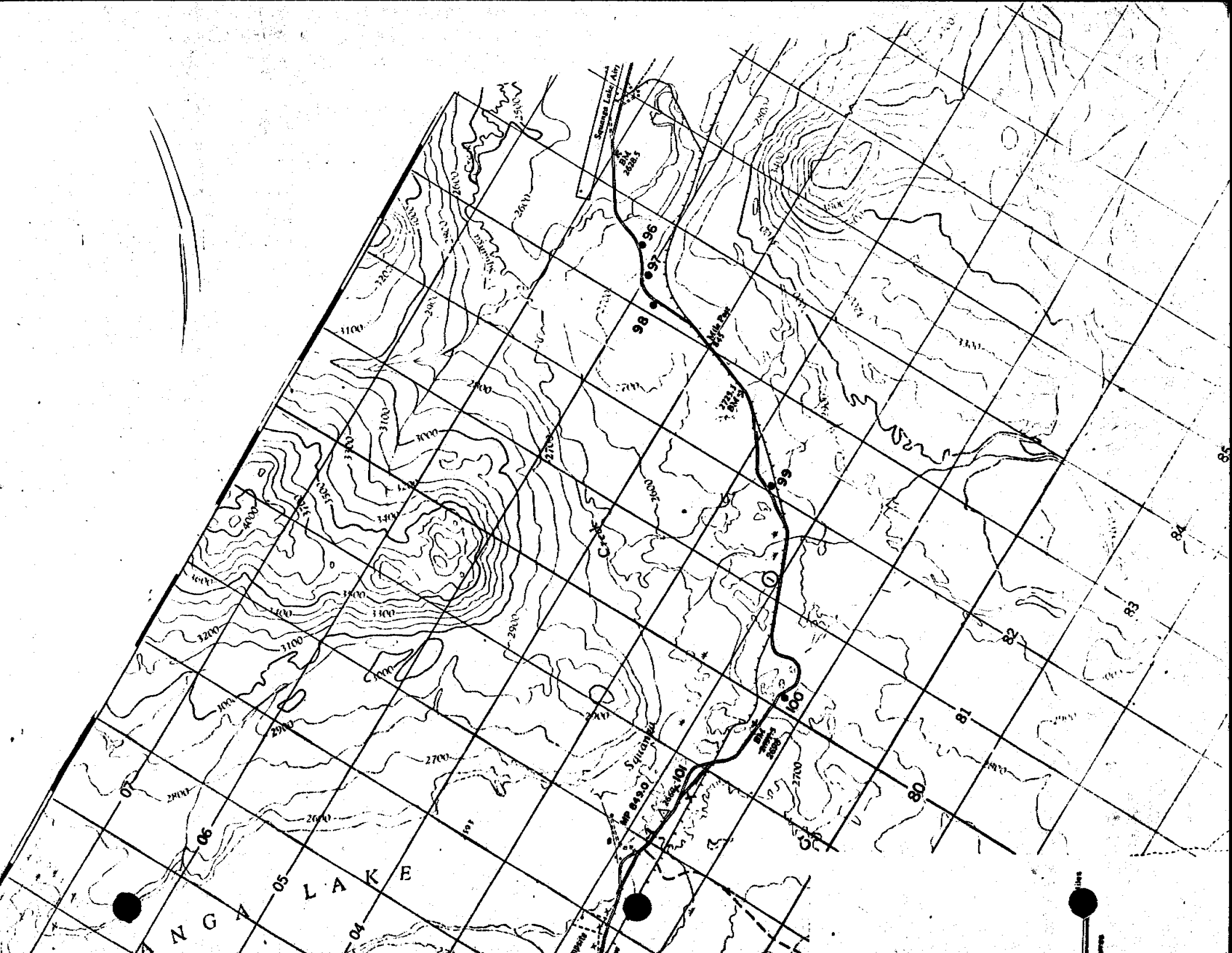
Commencing at Legal Survey Monument H-1269 on a true bearing of 62° 39' 02" for a distance of 150.0' to Post #1; thence on a true bearing of 242° 39' 02" for a distance of 500' to Post #2; thence on a true bearing of 332° 39' 02" for a distance of 500' to Post #3; thence on a true bearing of 62° 39' 02" for a distance of 500' to Post #4; thence on a true bearing of 152° 39' 02" for a distance of 500' to Post #1 Point of Commencement.

Magnetic Declination allowed 32° 30"

Line cut and surveyed May 25, 1955.







Series 1:50,000

BROOKS BROOK

FIRST EDITION

SHEET 105 C/6

TESLIN

TESLIN LAKE

Lake Teslin

07 BR 2500

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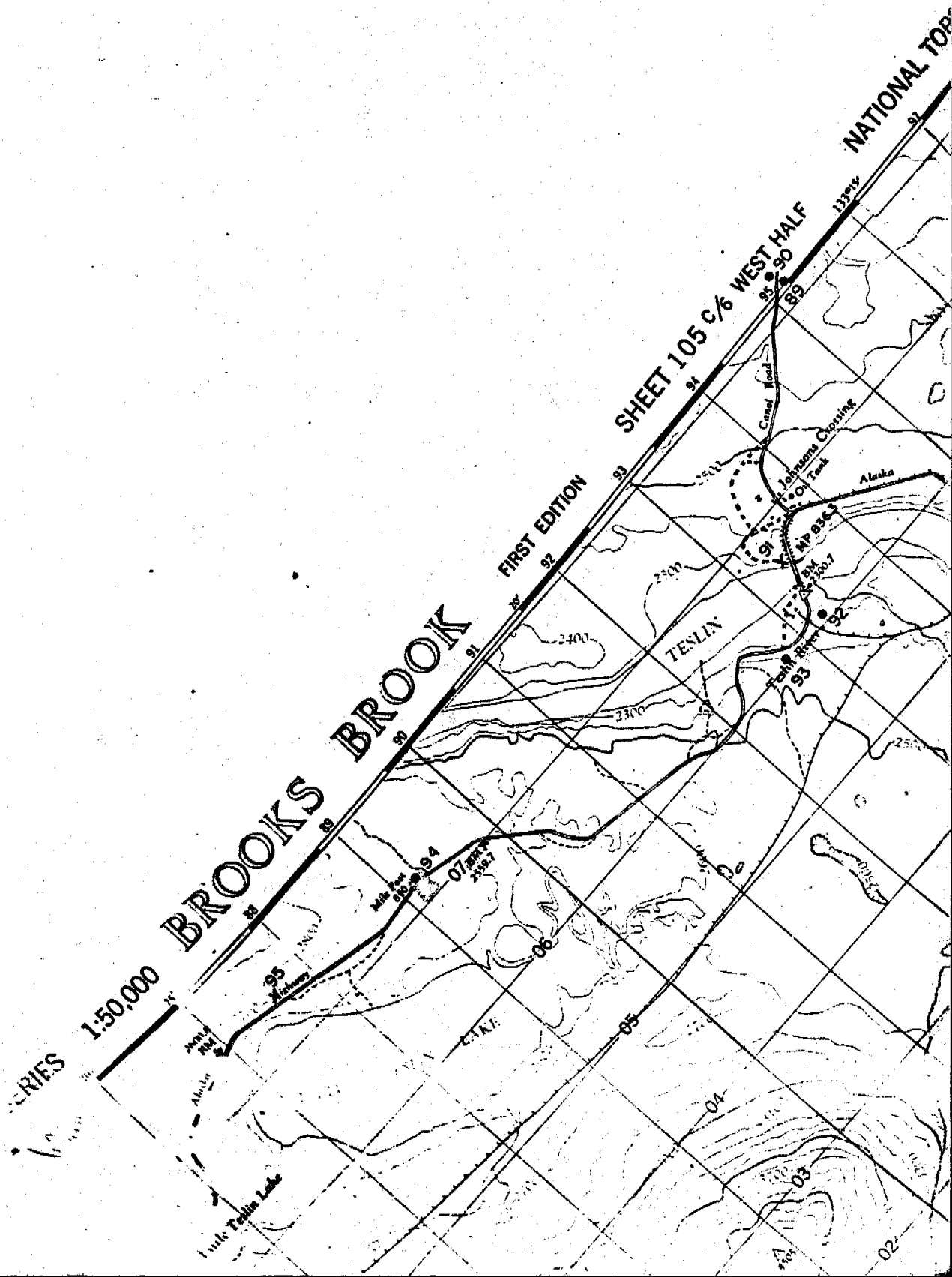
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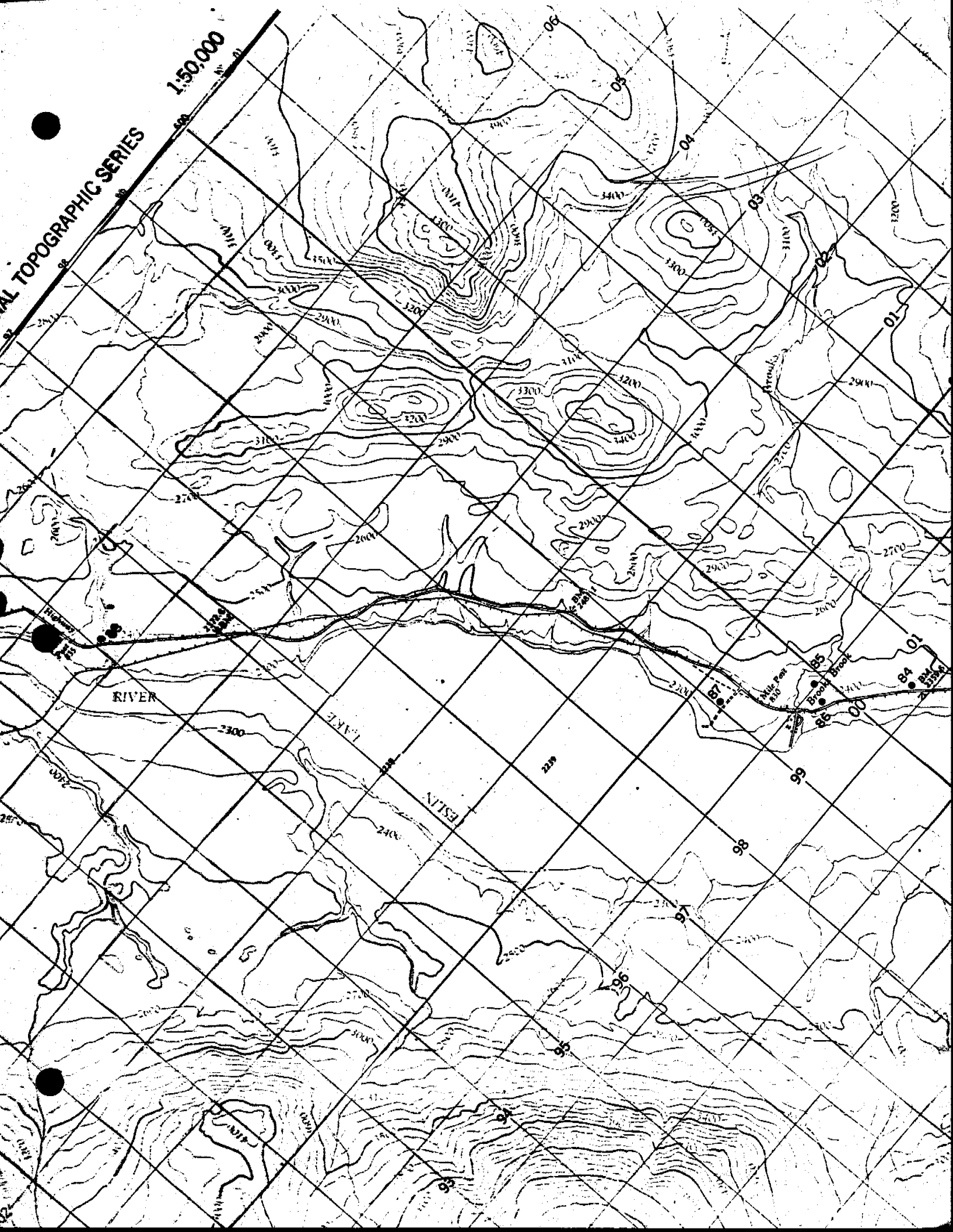
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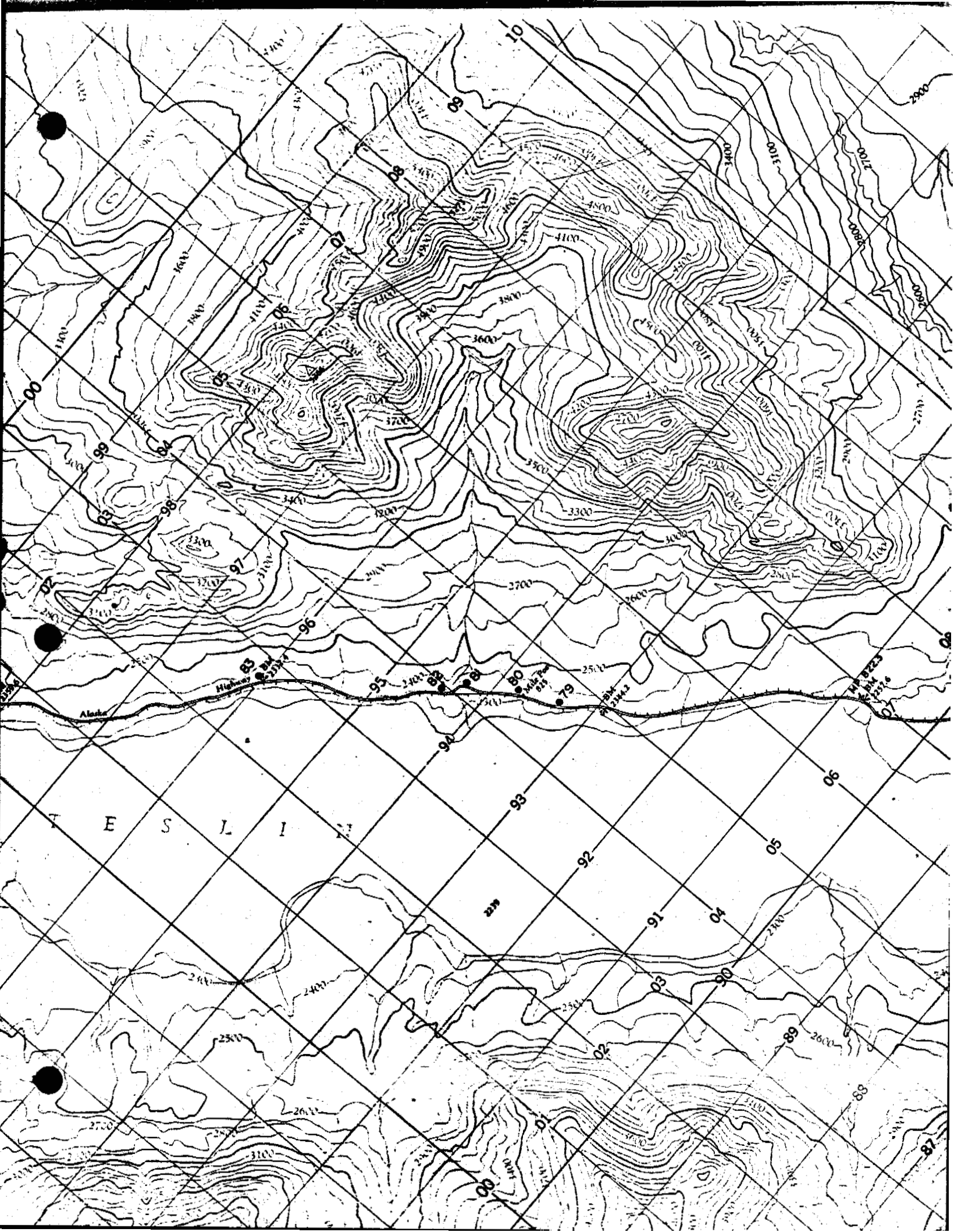
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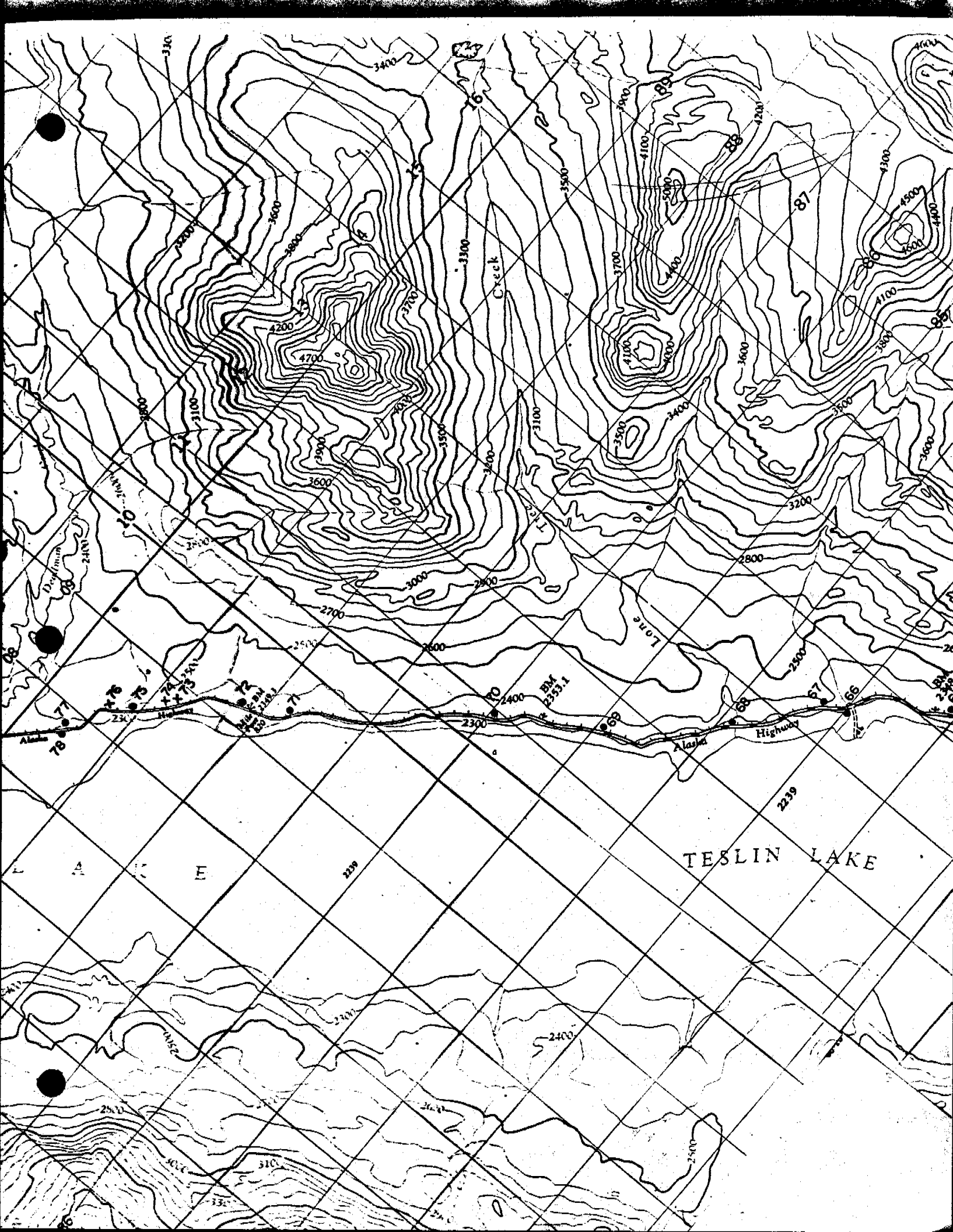
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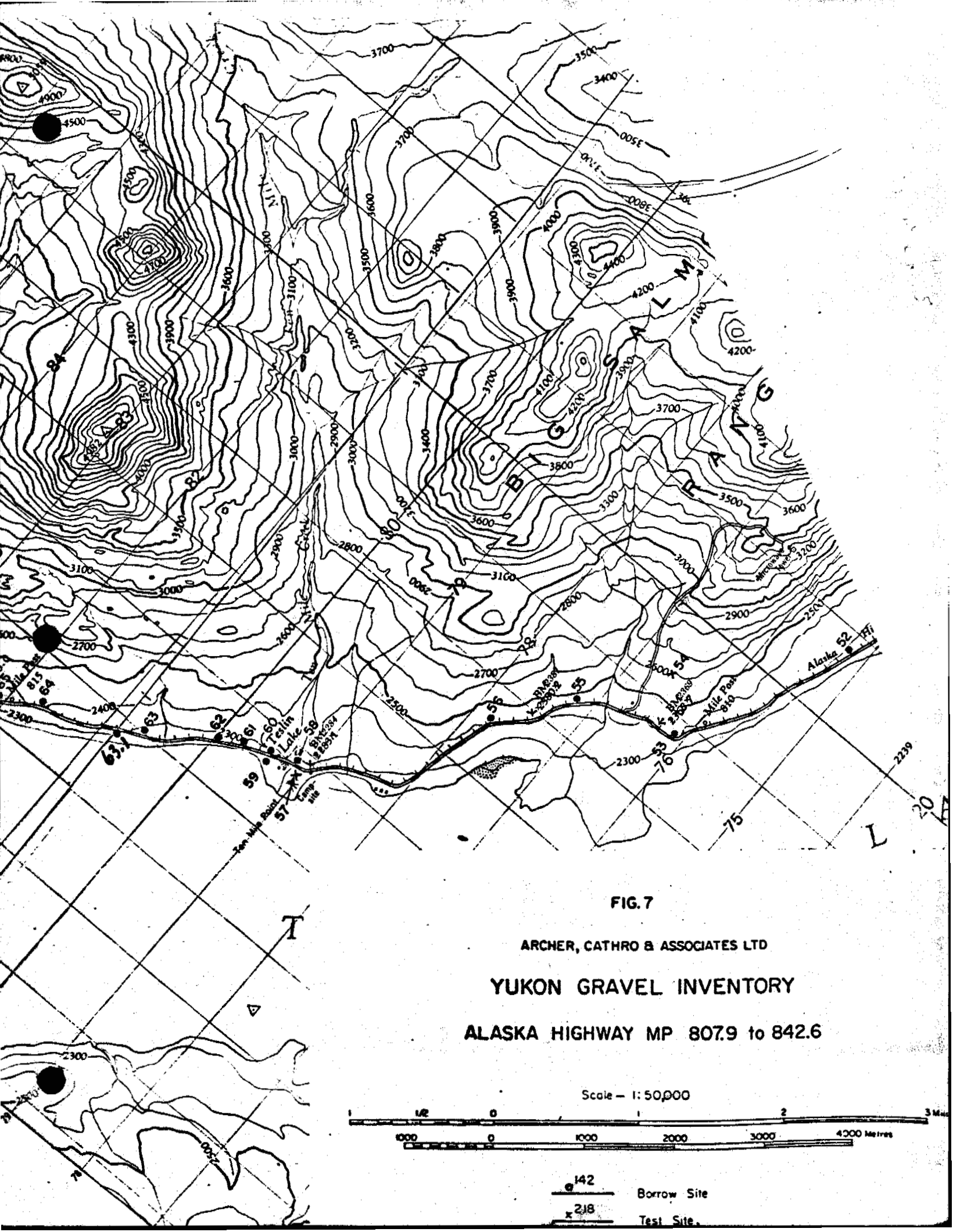
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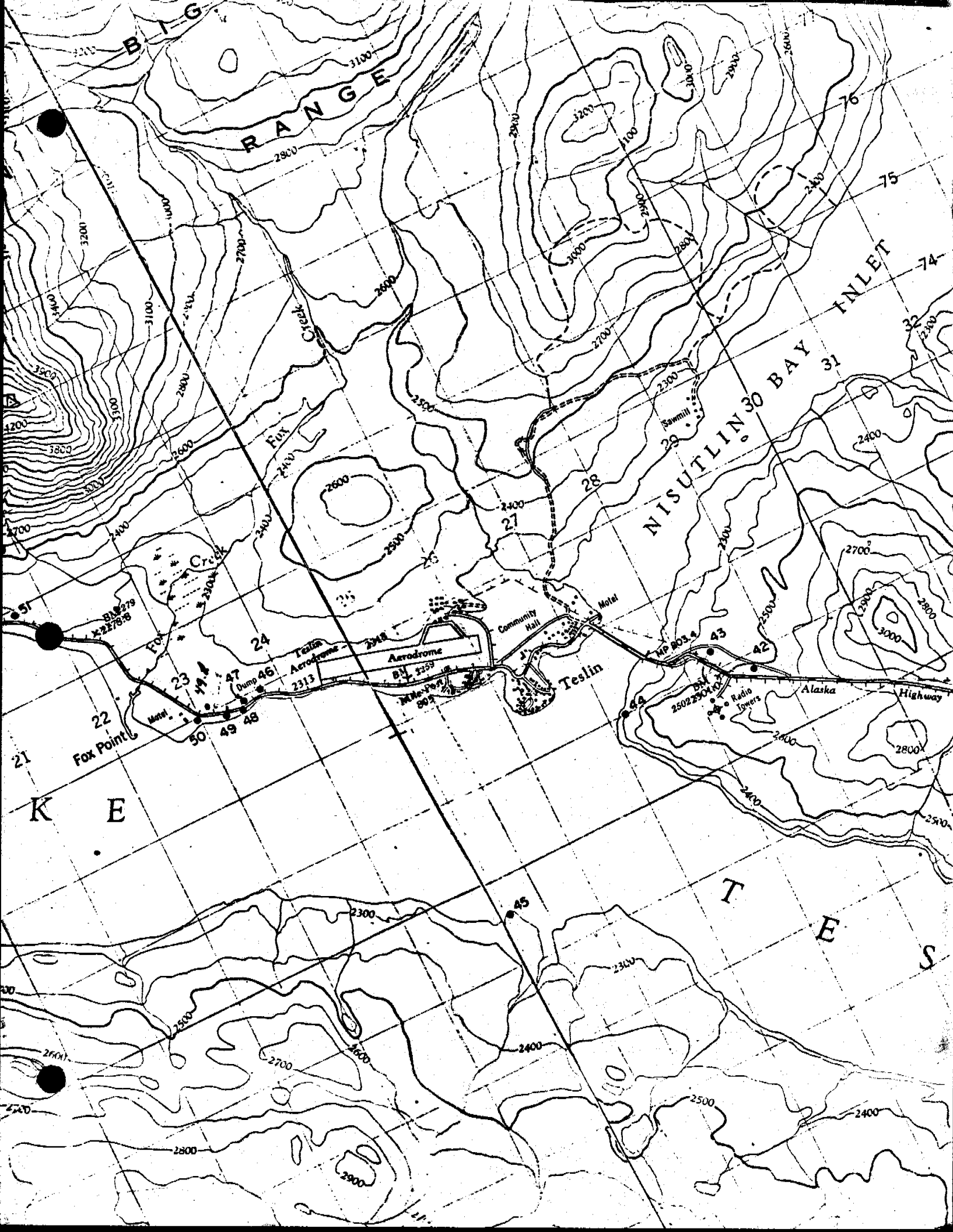


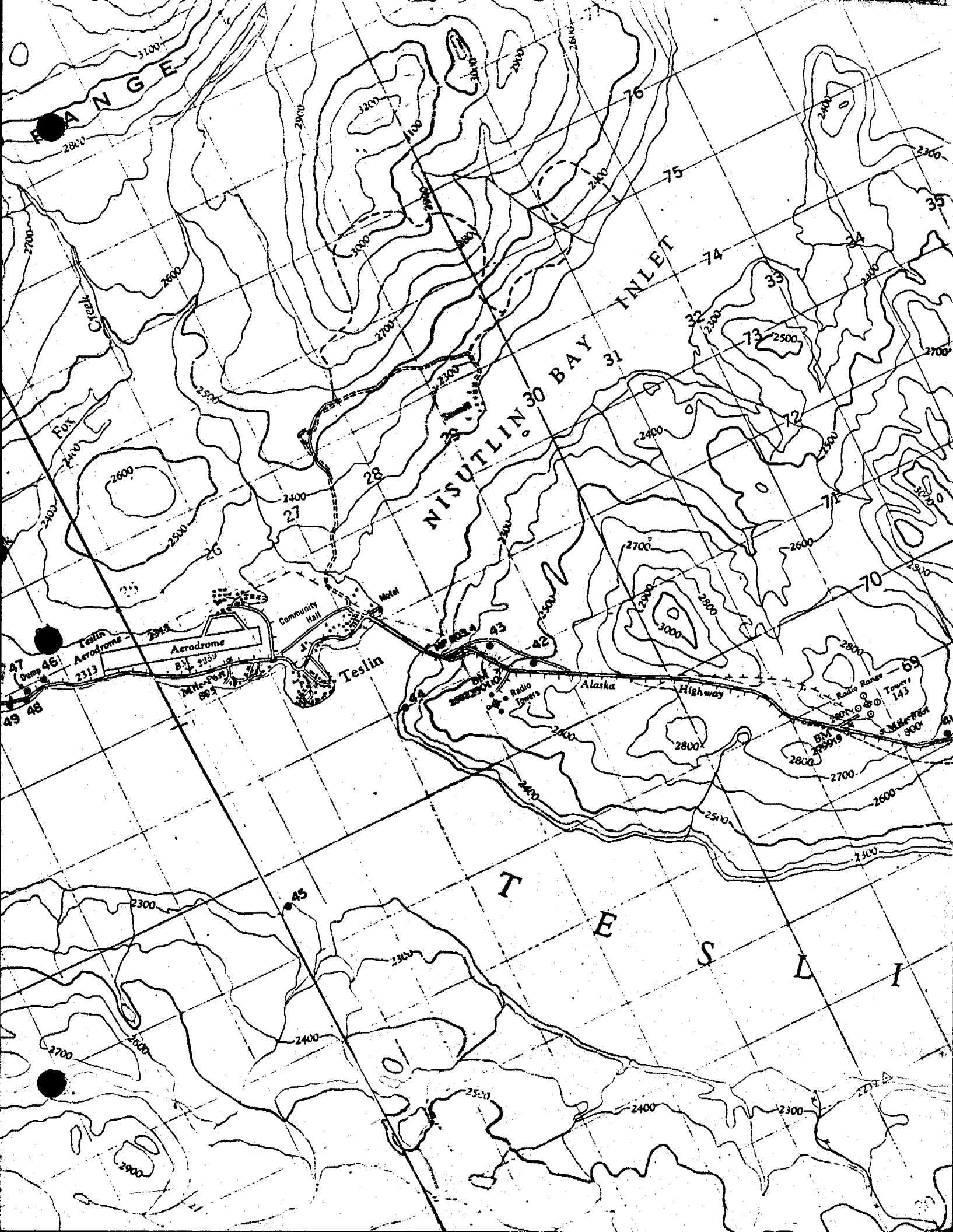


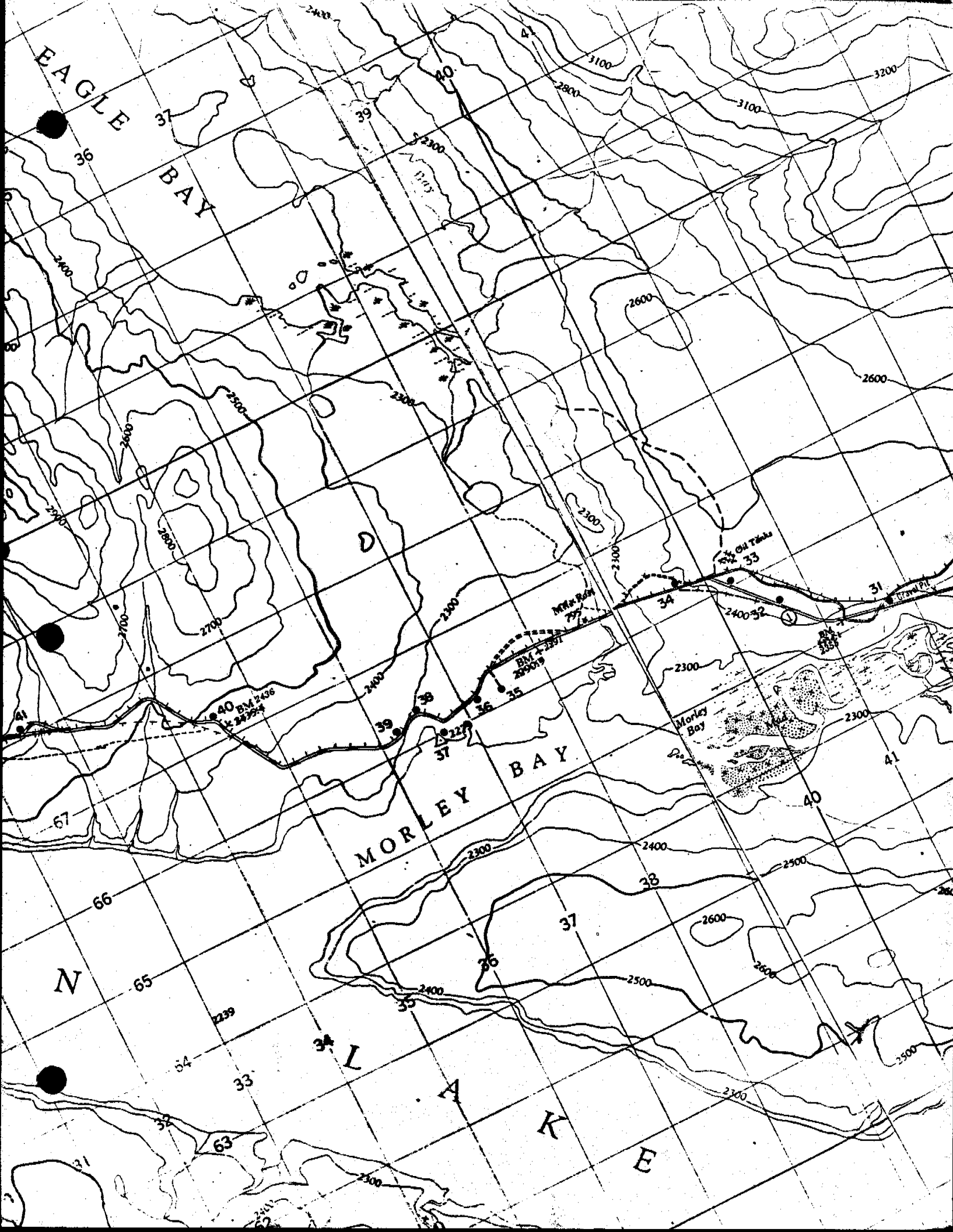












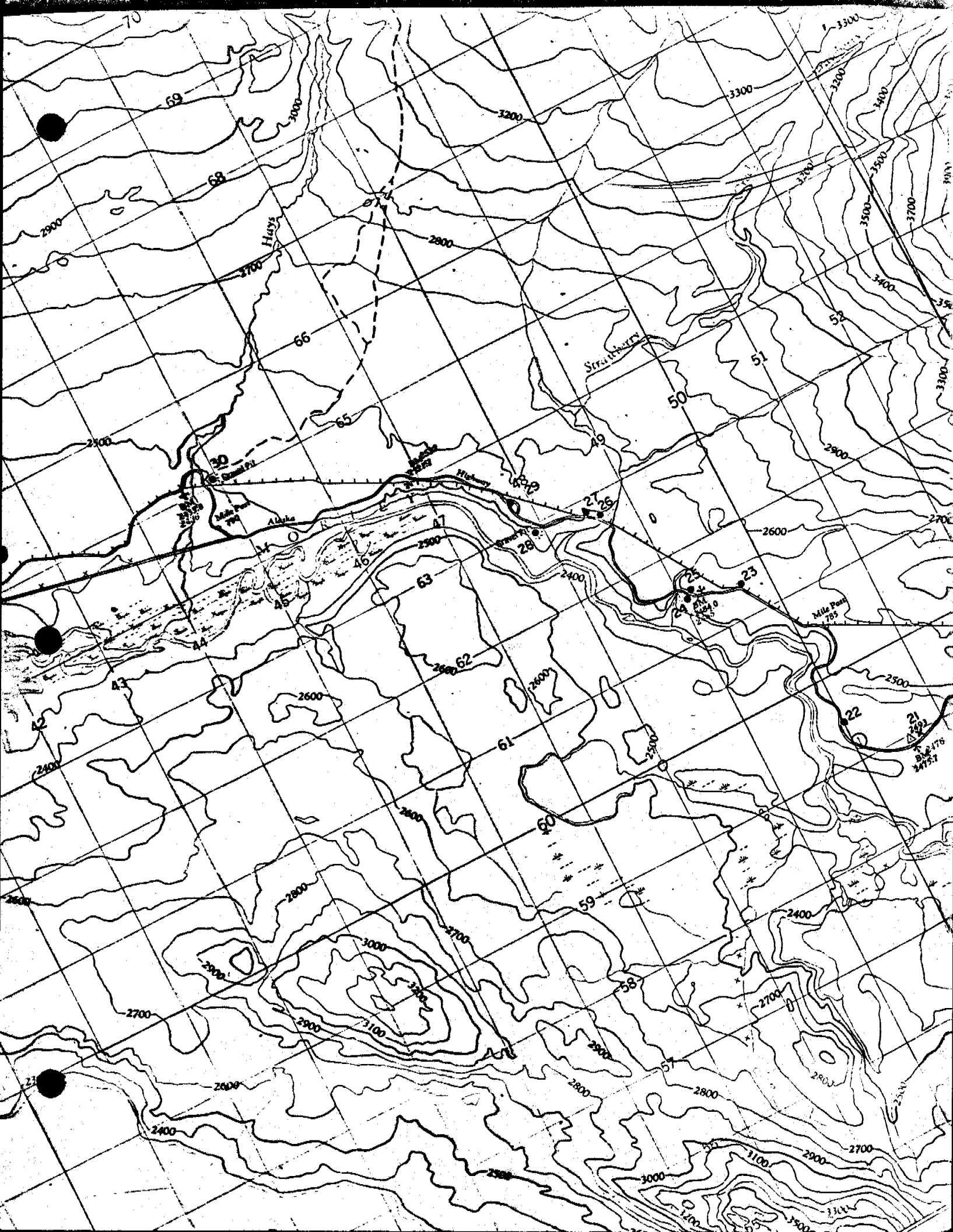


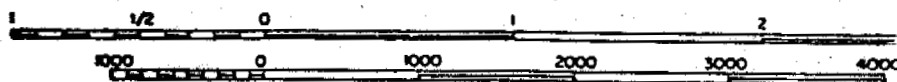
FIG. 6

ARCHER, CATHRO & ASSOCIATES LTD

YUKON GRAVEL INVENTORY

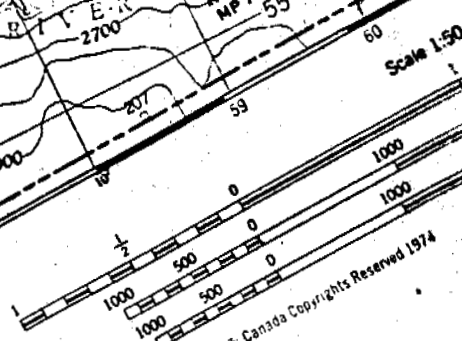
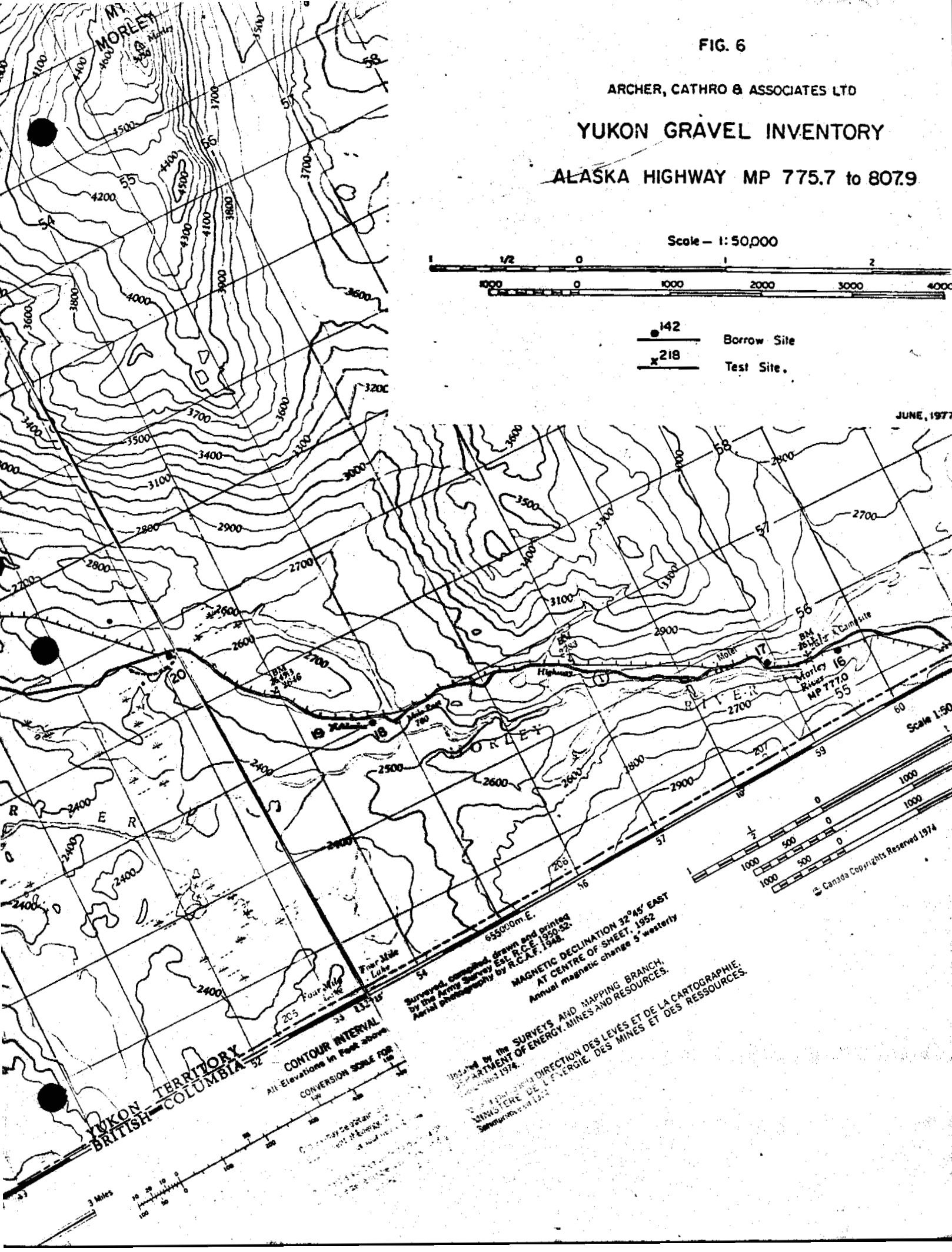
ALASKA HIGHWAY MP 775.7 to 807.9

Scale - 1:50,000



● 142 Borrow Site
x 218 Test Site

JUNE, 1977



Canada Copyrights Reserved 1974

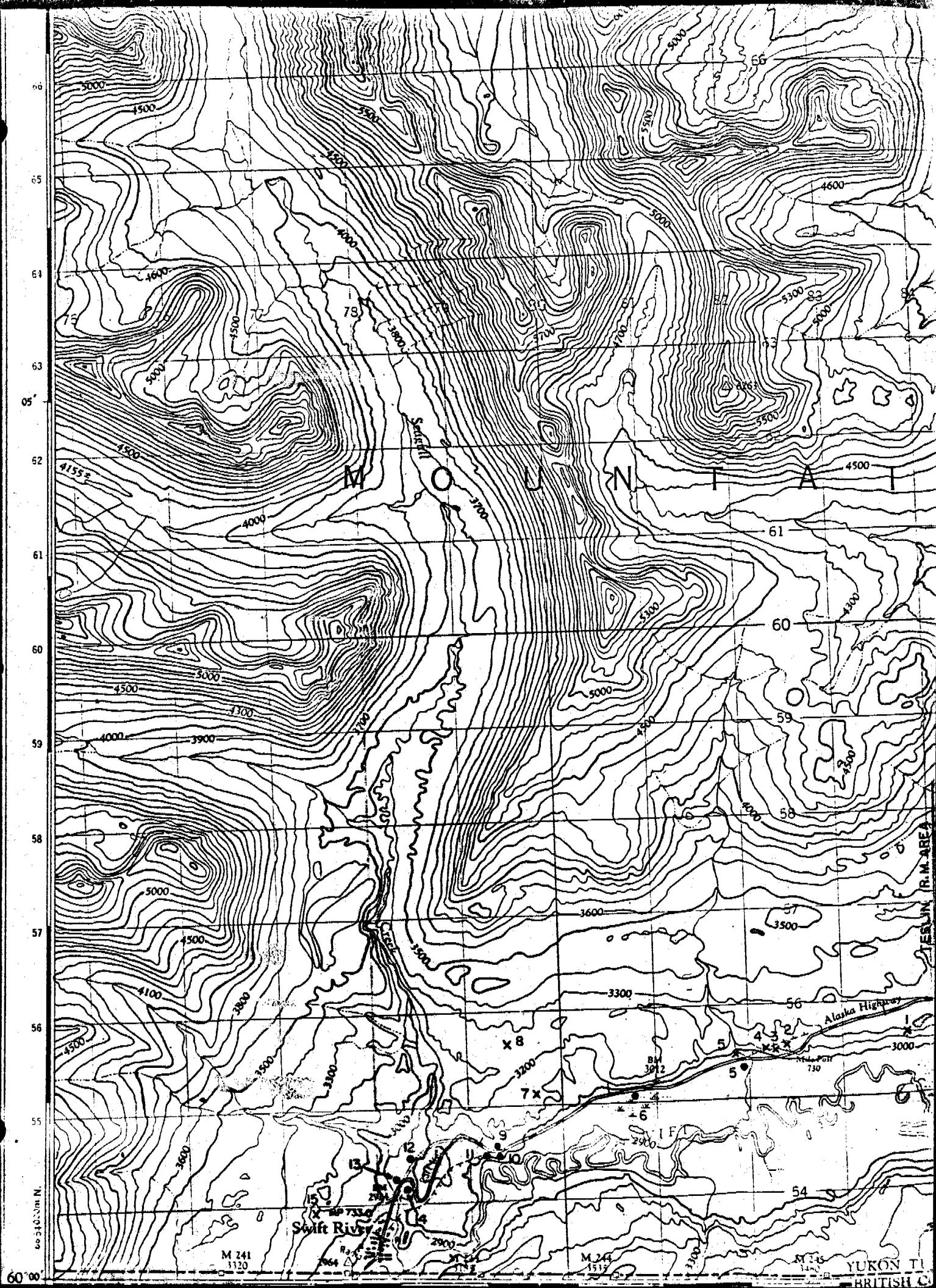
Surveyed, compiled, drawn and printed
by the Army Survey Est. R.C.E. 1950-52.
Aerial photography by R.C.A.F. 1948.
MAGNETIC DECLINATION 32°45' EAST
AT CENTRE OF SHEET, 1952
Annual magnetic change 5' westerly

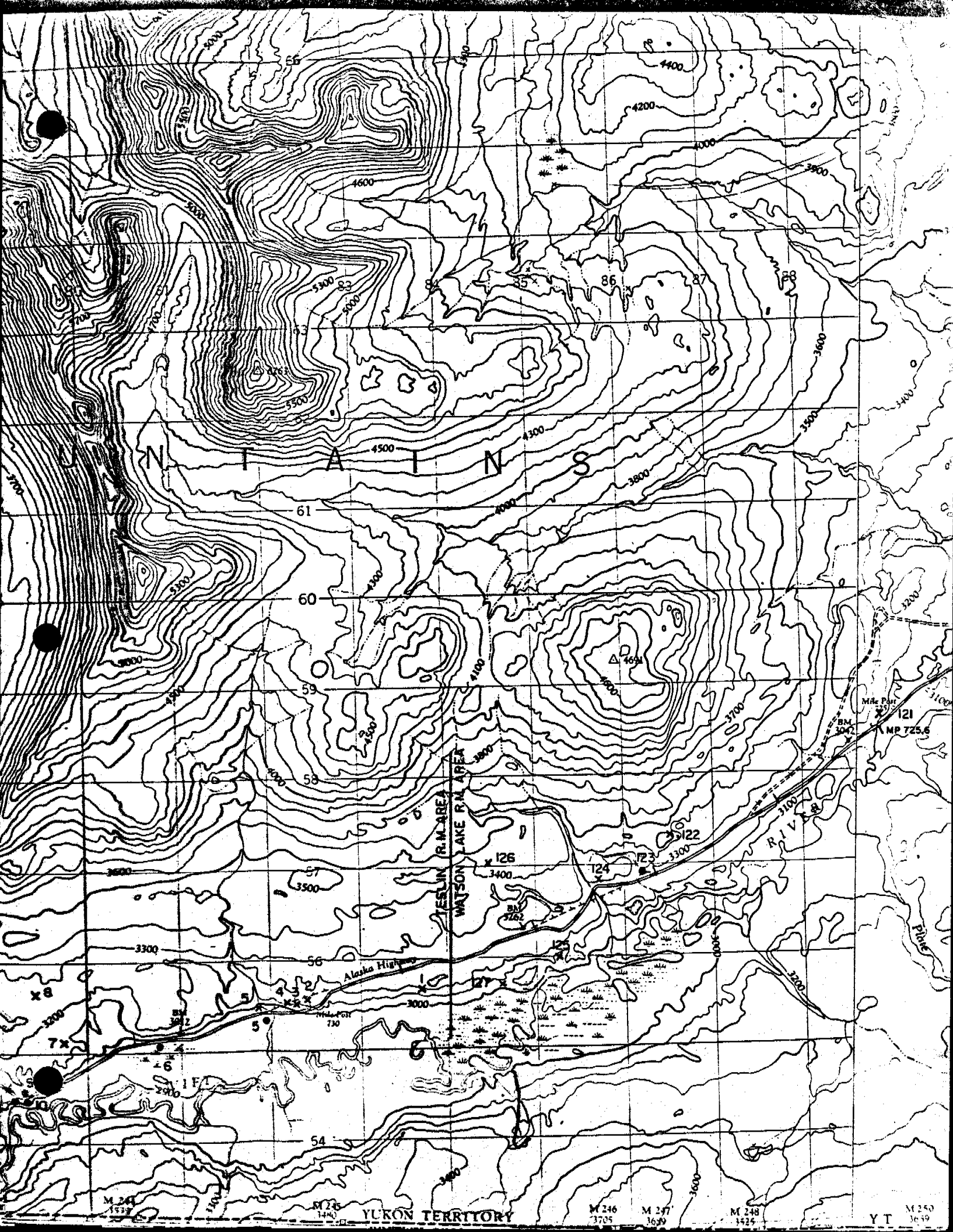
Issued by the SURVEYS AND MAPPING BRANCH,
DEPARTMENT OF ENERGY, MINES AND RESOURCES,
Ottawa, 1974.
DÉPARTEMENT DE L'ÉNERGIE, DES MINES ET DES RESSOURCES,
Ottawa, 1974.

CONTOUR INTERVAL
All Elevations in Feet above
CONVERSION SCALE FOR
100

YUKON TERRITORY
BRITISH COLUMBIA

3 Miles





YUKON TERRITORY

Y.T. M250 16 19

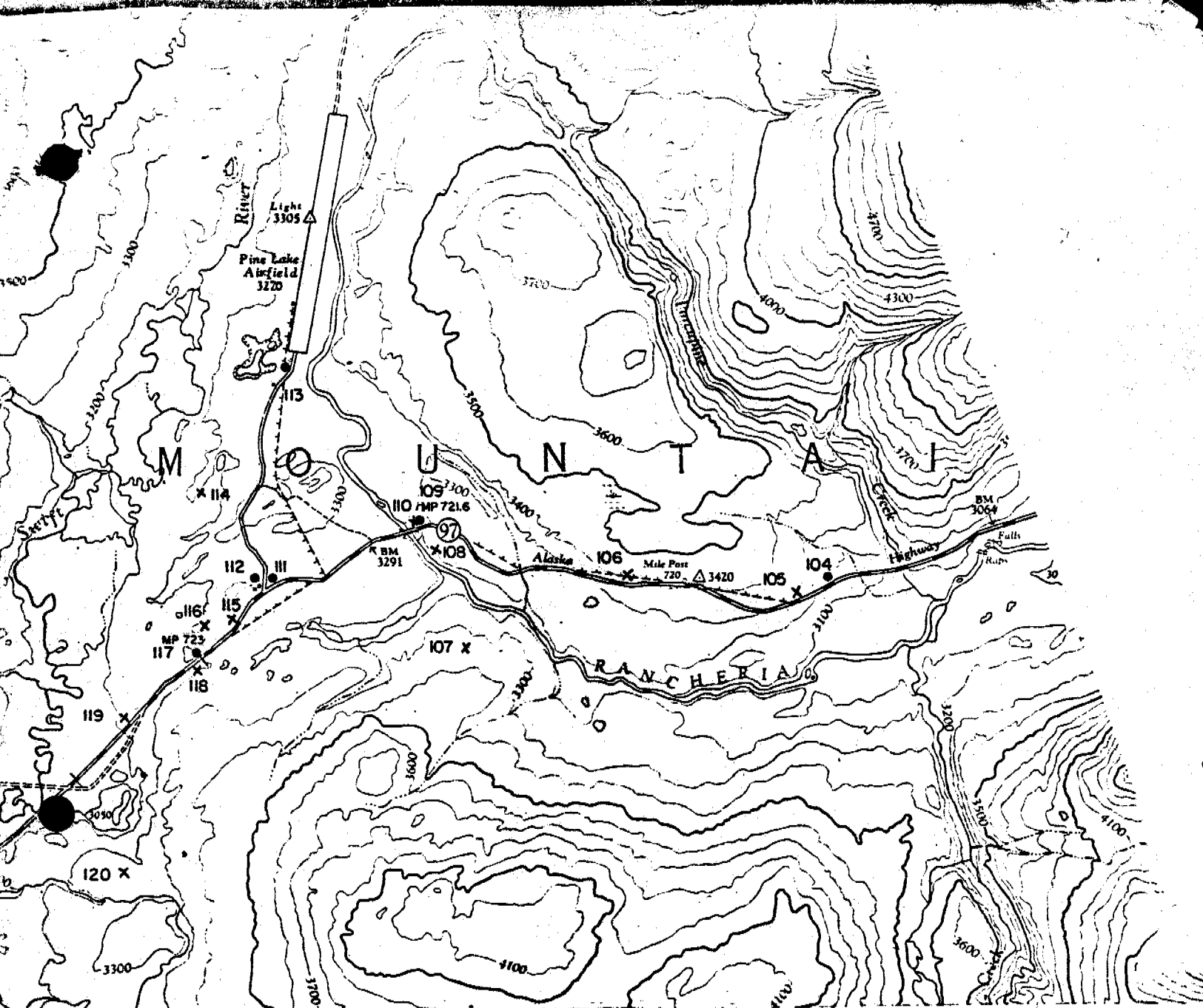


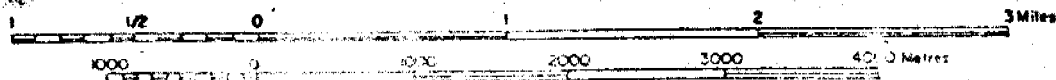
FIG. 5

ARCHER, CATHRO & ASSOCIATES LTD

YUKON GRAVEL INVENTORY

ALASKA HIGHWAY MP 718.0 to 733.3

Scale - 1:50,000



- 142 Borrow Site
- 218 Test Site