

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

KLUANE-HAINES & AISHIHIK RDS

A.C. 14 of 16

Vol 2



D003024

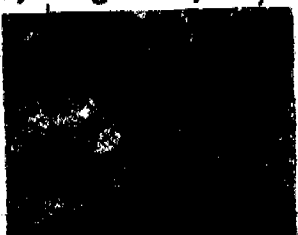
INTRODUCTION

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

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

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

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



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

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

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

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

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

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

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

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

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>180</u>	
Location: MP <u>94.5</u>	Highway No: <u>6</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</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-Moderate Slope</u>	Tree Cover: <u>Mod. Spruce, Popl.</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>Dec/64</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>								
Other Tests:	<u> </u>									
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
<u> </u>	<u> </u>	<u>88</u>	<u>73</u>	<u>59</u>	<u>48</u>	<u>32</u>	<u>9</u>	<u>2</u>	<u>--</u>	<u>NP</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

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

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>181</u>	
Location: <u>MP 95.0</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</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>Binder</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>6 Sites</u>		
	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
Av. 6 Sites		100	97	89	87	79	66	64	36	16

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

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.M. Area:	Kluane	Borrow or Test Site No:	182		
Location:	Highway No:	4	Side R ☒ L ☐	Distance:	Adjacent
MP 95.5	KP	Highway Name:	Haines Road	Access	
Tenure: Gravel Pit Reserve Appl. Plan		Yes ☒ No ☐		Current Status: Not Developed	

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

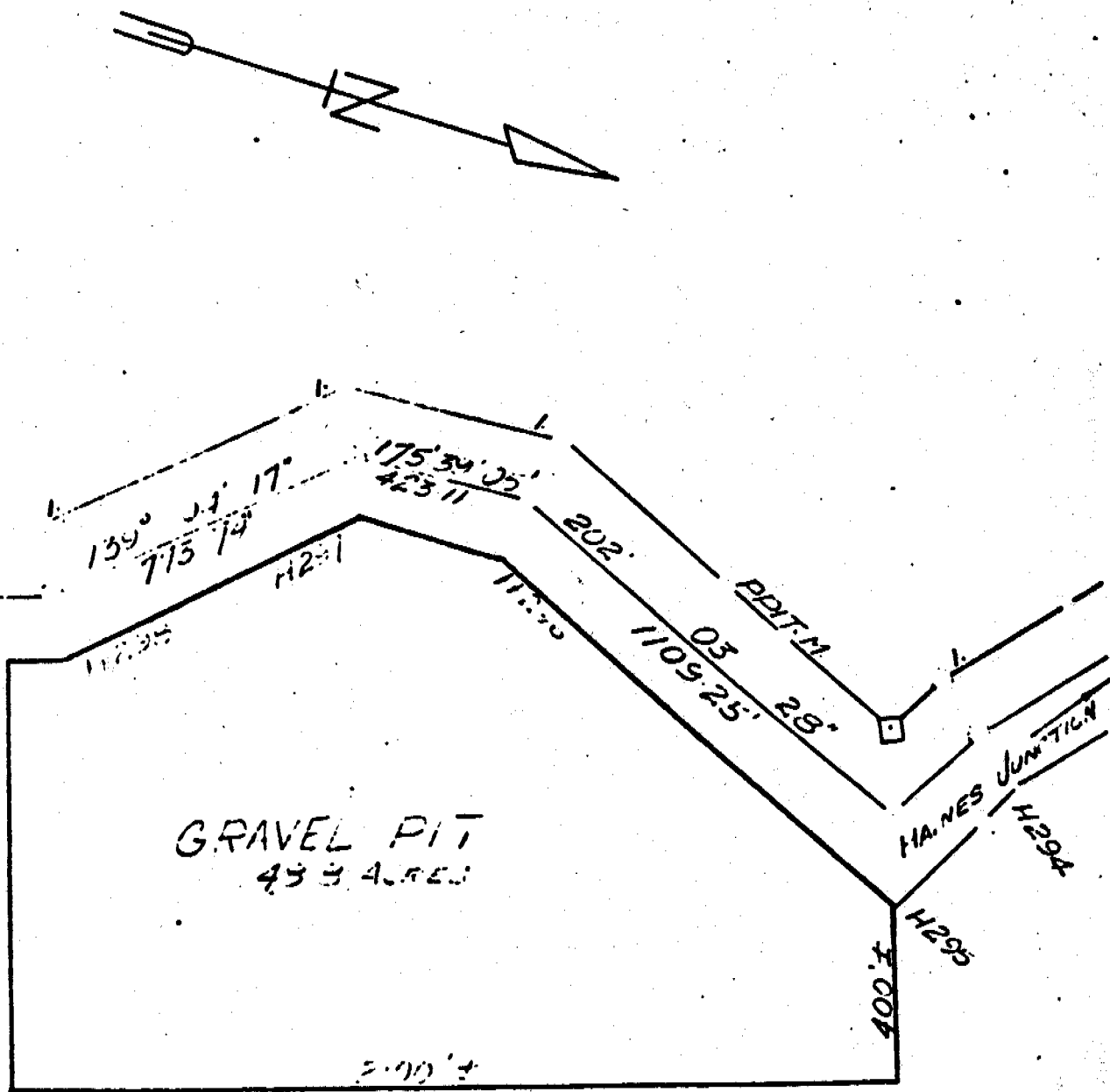
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds)	Proven		
Remarks:				

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. 40	No. 200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	Federal Lands Office
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NWHS GRAVEL PIT
MILE 95.5 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>183</u>	
Location: MP <u>95.9</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</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>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/64</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
<u> </u>	<u> </u>	88	73	59	48	32	9	2	—	NP
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

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

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>184</u>	
Location: <u>MP 96.2</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
MP <u>96.2</u>	KP <u> </u> Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: Plan <u> </u> Yes <u> </u> No <u> </u>		Current Status: <u> </u>	

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

TEST SUMMARY	Augered ☐	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> </u>
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YUKON GRAVEL INVENTORY

R.M. Area:	Kluane	Borrow or Test Site No:	185		
Location:	Highway No:	4	Side R ☒ L ☐	Distance:	Adjacent
MP 96.4	KP	Highway Name:	Haines Road	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:		

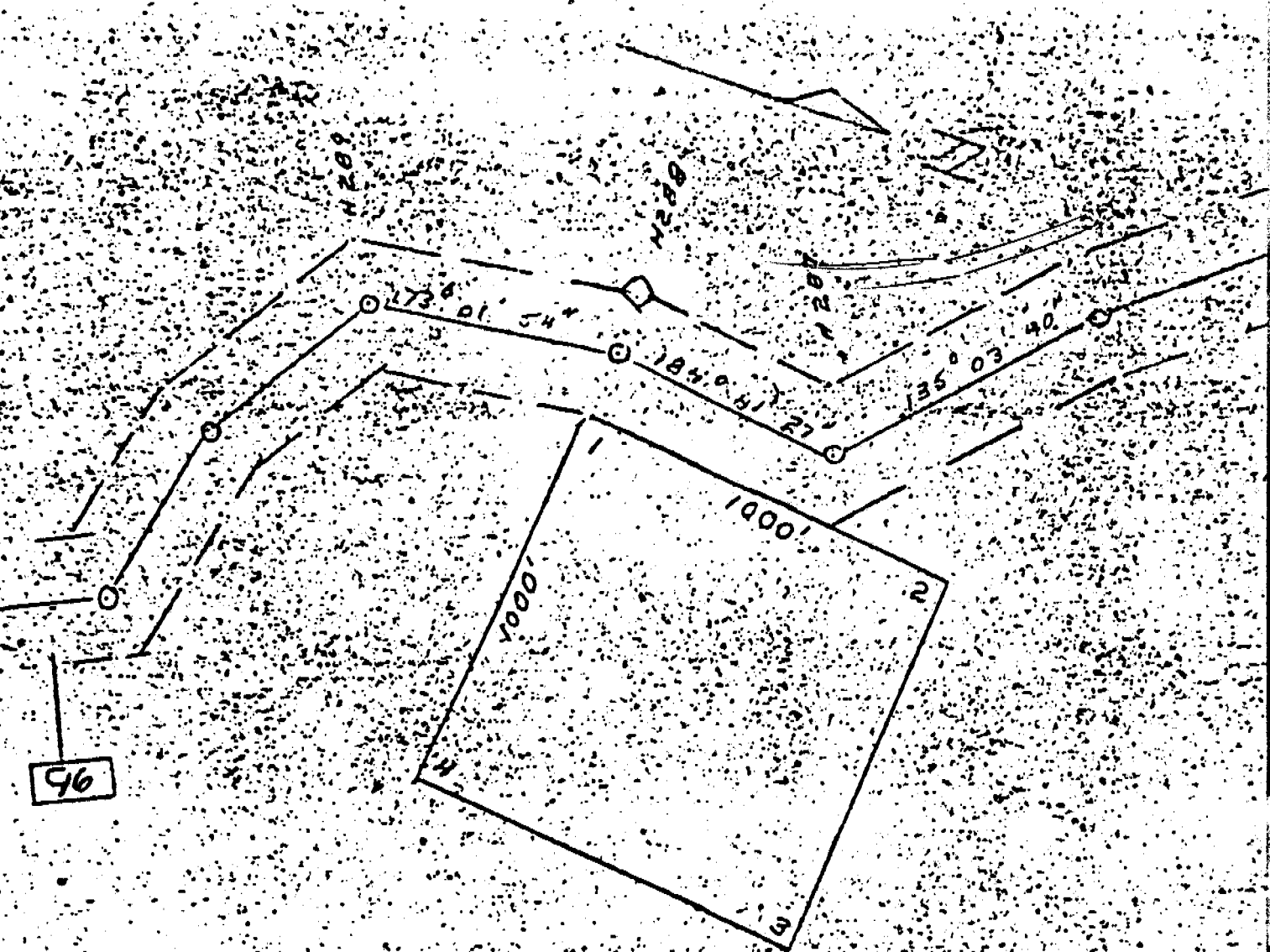
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
SUBSURFACE TEST RESULTS	Quantity (CuYds)		Proven	
	Remarks:			

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. 40	No. 200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	Federal Lands Office
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Temporary Application

Scale 1"=100'

Feb 10, 1955

A.D.D.

Temporary Application
NWHS Pit

Pending Survey by Roads Department, 1955

MP 96.4 HAINES CUT OFF RD

for a distance of 300 feet

Commencing at legal survey monument H-288 on a true bearing of $94^{\circ}41'27''$ to post #1; thence on a true bearing of $04^{\circ}41'27''$ for a distance of 1000 feet to post #2; thence on a true bearing of $94^{\circ}41'27''$ for a distance of 1000 feet to post #3; thence on a true bearing of $184^{\circ}41'27''$ for a distance of 1000 feet to post #4; thence on a true bearing of $274^{\circ}41'27''$ for a distance of 1000 feet to post #1.

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>186</u>	
Location: <u>MP 97.2</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description:	Moderate Slope	Tree Cover: Heavy Spruce, Alder
SITE	Material:	Bouldery 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.H. Area	Kluane	Borrow or Test Site No:	187
Location:	Highway No:	4	Side R ☒ L ☐
MP 97.5	KP	Highway Name:	Haines Road
Distance:		Adjacent	
Access			
Tenure:		Current Status:	
Plan	Yes	No	Inactive

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Steep Slope	Tree Cover: Mod. Alder, Spruce	
	Material: Bouldery 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 :

YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>188</u>	
Location: <u>MP 97.8</u>	Highway No: <u>4</u>	Side ☒ R ☐ L	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</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>Moderate Slope</u>	Tree Cover: <u>Heavy Alder</u>
	Material: <u>Bouldery Silty Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Culvert Installation</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>									
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: Kluane		Borrow or Test Site No: 189	
Location: MP 98.7	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Steep Creek Band	Tree Cover:	
SITE	Material: Bouldery Sandy Gravel	Deposit:	
TYPE	Past Use: Borrow - Culvert Installation	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.H. Area: Kluane		Borrow or Test Site No: 190	
Location: MP 98.9	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP ☐	Highway Name: Haines Road	Access ☐	
Tenure: Plan Yes ☐ No ☐		Current Status: Inactive	

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Moderate Slope	Tree Cover: Mod. Alder	
SITE	Material: Bouldery Sandy 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		Proven	
Remarks:				

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>191</u>	
Location: <u>MP 99.9</u>	Highway No: <u>4</u>	Side R ☒ L ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</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>Moderate Sidehill</u>	Tree Cover: <u>Thick Alder, Spruce</u>
	Material: <u>Bouldery 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 SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐			
	Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐			
	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>Kluane</u>		Borrow or Test Site No: <u>192</u>	
Location: MP <u>101.2</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</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</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>										
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
408		100	68	24	6	3	1	0	--	--
409		73	62	47	37	29	8	0	--	NP
410		100	82	70	59	47	17	3	--	NP

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

REFERENCE:	<u>DPW Materials Inventory, Haines Road Technical Data</u>
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YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 192	
Location: MP 101.2	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP ☐ Highway Name: Haines Road		Access ☐	
Tenure: Plan Yes ☐ No ☐		Current Status: ☐	

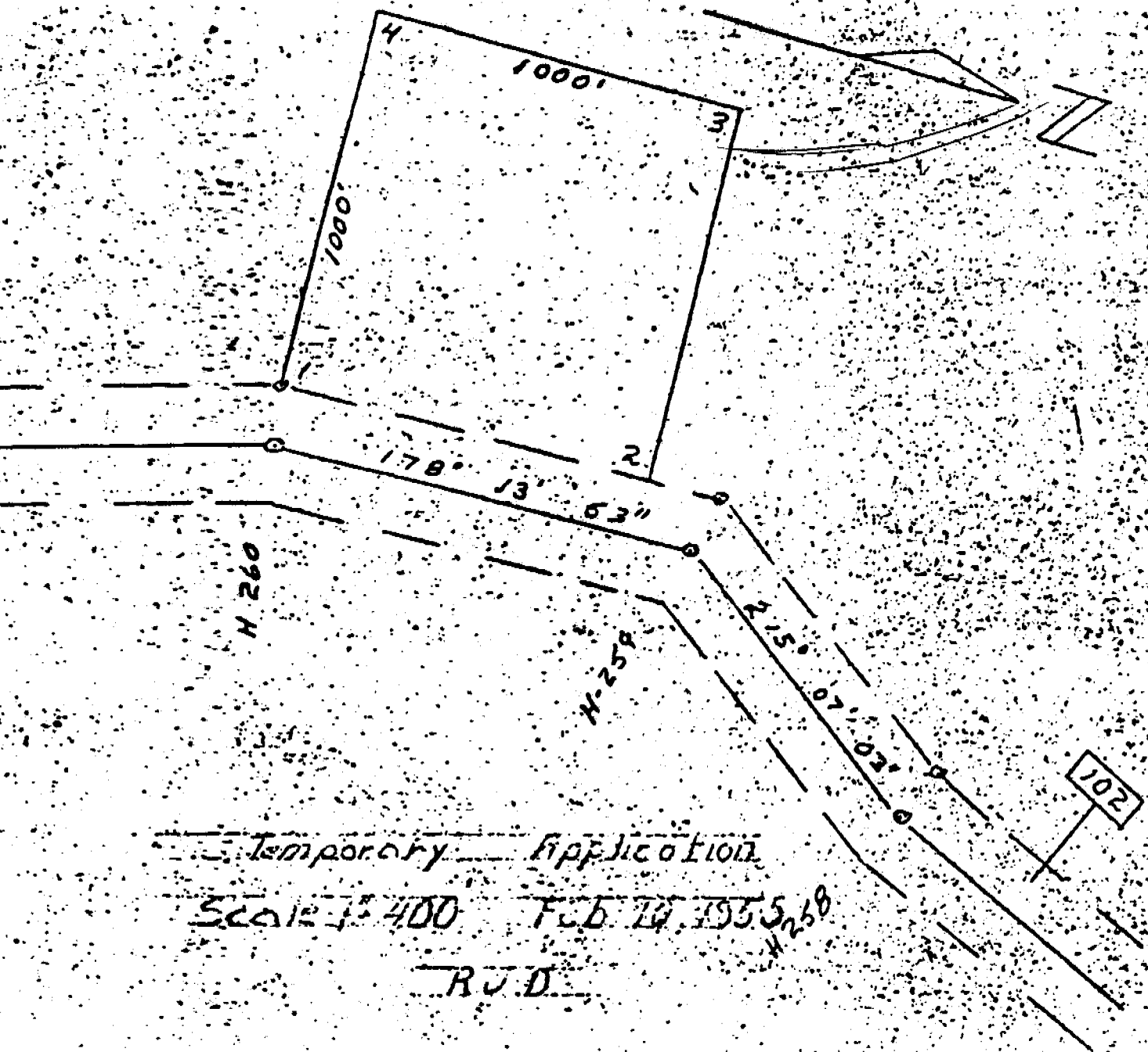
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover:
	Material: Gravel	Deposit:
	Past Use:	Date:
	Performance Rating:	Amount Used:
	Remarks:	

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)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
408		100	68	24	6	3	1	0	--	--
409		73	62	47	37	29	8	0	--	NP
410		100	82	70	59	47	17	3	--	NP

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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Temporary Application
 E.H.S. Pit
 Pending Survey by Roads Department, 1955

MP 101.6 HAINES CUT OFF RD.

Commencing at legal survey monument H-260 as post #1; thence on a true bearing of $358^{\circ}13'53''$ for a distance of 1000 feet to post #2; thence on a true bearing of $268^{\circ}13'53''$ for a distance of 1000 feet to post #3; thence on a true bearing of $178^{\circ}13'53''$ for a distance of 1000 feet to post #4; thence on a true bearing of $85^{\circ}13'53''$ for a distance of 1000 feet to post #1 point of commencement.

R.M. Area: Kluane Borrow or Test Site No: 194

Location: Highway No: 4 Side R ☒ L ☐ Distance: Adjacent
MP 101.7 KP Highway Name: Haines Road Access

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
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>Kluane</u>		Borrow or Test Site No: <u>195</u>	
Location:	Highway No: <u>4</u>	Side R ☐ L ☐	Distance: <u>Adjacent</u>
MP <u>101.8</u>	KP ☐	Highway Name: <u>Haines Road</u>	Access ☐
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	<u>Active</u>	

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Small Steep Sidehill		Tree Cover: Light Poplar
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							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 196	
Location: MP 102.4	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP Highway Name: Haines Road		Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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:	Kluane	Borrow or Test Site No:	197		
Location:	Highway No:	Side	R ☒ L ☐	Distance:	Adjacent
MP 103.0	KP	Highway Name:	Haines Road	Access	
Tenure:	Plan	Yes ☐ No ☐	Current Status:	Inactive	

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
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: Kluane		Borrow or Test Site No: 198	
Location: MP 103.7	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan Yes ☐ No ☐		Current Status:	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover:
	Material: Silts	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: June/62		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
			70	60	52	43	28	8	5	--

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 199	
Location: MP 104.0	Highway No: 4	Side ☒ R ☐ L	Distance: Adjacent
KP Highway Name: Haines Road		Access	
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: Inactive	
Yes ☒ No ☐			

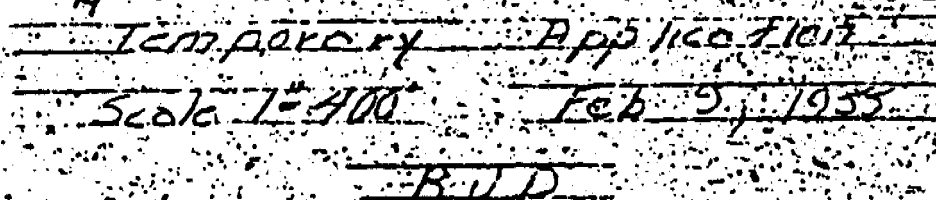
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gentle Slope	Tree Cover: Heavy spruce, poplar
	Material: Sandy Gravel	Deposit:
	Past Use: Borrow- Surfacing	Date: August 1971
	Performance Rating:	Amount Used:
	Remarks:	

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☒
	Lab. Test ☒	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: June/62		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
		58	51	43	38	16	4	7		

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	Federal Lands Office DPW Materials Inventory, Haines Road Technical Data
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Commencing at legal survey monument H-248 on a true bearing of $28^{\circ}14'33''$ for a distance of 300 feet to post #1; thence on a true bearing of $298^{\circ}14'33''$ for a distance of 1000 feet to post #2; thence on a true bearing of $28^{\circ}14'33''$ for a distance of 1000 feet to post #3; thence on a true bearing of $118^{\circ}14'33''$ for a distance of 1000 feet to post #4; thence on a true bearing of $208^{\circ}14'33''$ for a distance of 1000 feet to post #1.

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 200	
Location: MP 104.2	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP ☐	Highway Name: Haines Road	Access ☐	
Tenure: Plan Yes ☐ No ☐		Current Status: Inactive	

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
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>Kluane</u>		Borrow or Test Site No: <u>201</u>	
Location: <u>MP 104.3</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u>104.3</u> Highway Name: <u>Haines Road</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>Gentle-Moderate Slope</u>	Tree Cover: <u> </u>
	Material: <u>Weathered Bedrock- Shale</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☒												
	Lab. Test ☒ Sketch (Plan) ☐ Crushed: ☐												
	Date: <u>June/62</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">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></td> <td></td> <td></td> <td>85</td> <td>72</td> <td>55</td> <td>37</td> <td>18</td> <td>7</td> <td>6</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		Z Passing Sieve Size								Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI				85	72	55	37	18	7	6	---																																	
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																																																																	
			85	72	55	37	18	7	6	---																																																																	

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

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>202</u>	
Location: <u>MP 104.5</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>0.1</u> mi <u>Fair-</u>
KP <u> </u> Highway Name: <u>Haines Road</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>Gentle Slope</u>	Tree Cover: <u>Heavy Spruce, Poplar</u>
	Material: <u>Sandy Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow - Surfacing - 3/4" Crush</u>	Date: <u>Aug/71</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 <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
<u>Av. 4 Sites</u>			99	64	38	23	12	6		NP

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

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>203</u>	
Location: <u>MP 105.7</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☐ No ☐		Current Status: <u>Active</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Crush Amount: <u>+ 4000</u> Cu.Yds.
	Description: <u>Flat - Gently Rolling</u>	Tree Cover <u>Moderate Alder</u>
	Material: <u>Weathered Rock - Shale</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	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>				

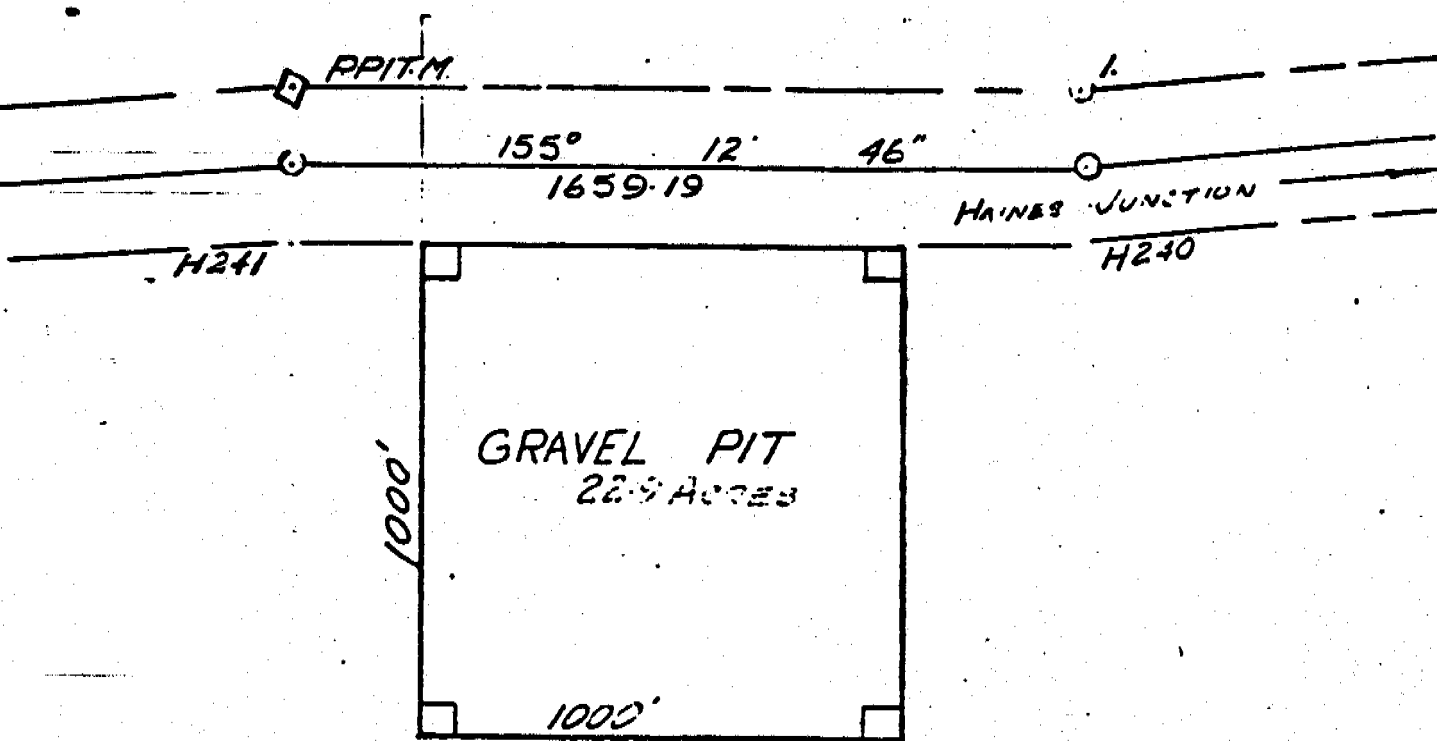
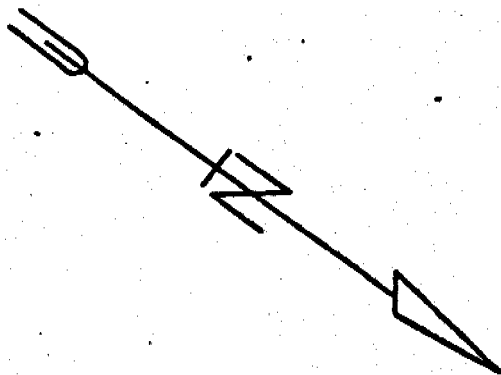
LAB. TEST RESULTS		Los Angeles Abrasion % Loss: <u> </u>		Crush Count: <u> </u>						
Other Tests: <u> </u>										
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI

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

REFERENCE:	<u>Federal Lands Office</u>
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NWHS GRAVEL PIT

MILE 105.4 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 204	
Location: MP 106.0	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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>Kluane</u>		Borrow or Test Site No: <u>205</u>	
Location: <u>MP 106.0</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>0.25</u>
MP <u>106.0</u>	KP <u> </u> Highway Name: <u>Haines Road</u>	Access <u>Excellent</u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		Current Status: <u>Active</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	Crush Amount: <u>+ 3000</u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Weathered Rock</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: ☐	<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> </u>
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YUKON GRAVEL INVENTORY

R.M. Area: KluaneBorrow or Test Site No: 206Location: MP 107.1 Highway No: 4 Side R☒ L☐ Distance: Adjacent
KP Highway Name: Haines Road Access Tenure: Gravel Pit Reserve Appl.
Plan Yes ☒ No ☐Current Status: Not DevelopedSTOCKPILE
SITE
TYPE
HISTORYDate: Amount: Cu.Yds.Description: Tree Cover: Material: Deposit: Past Use: Date: Performance Rating: Amount Used: Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐
Lab. Test ☐ Sketch (Plan) ☐ Crushed: ☐Date: Sites Sampled: SUBSURFACE
TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) 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

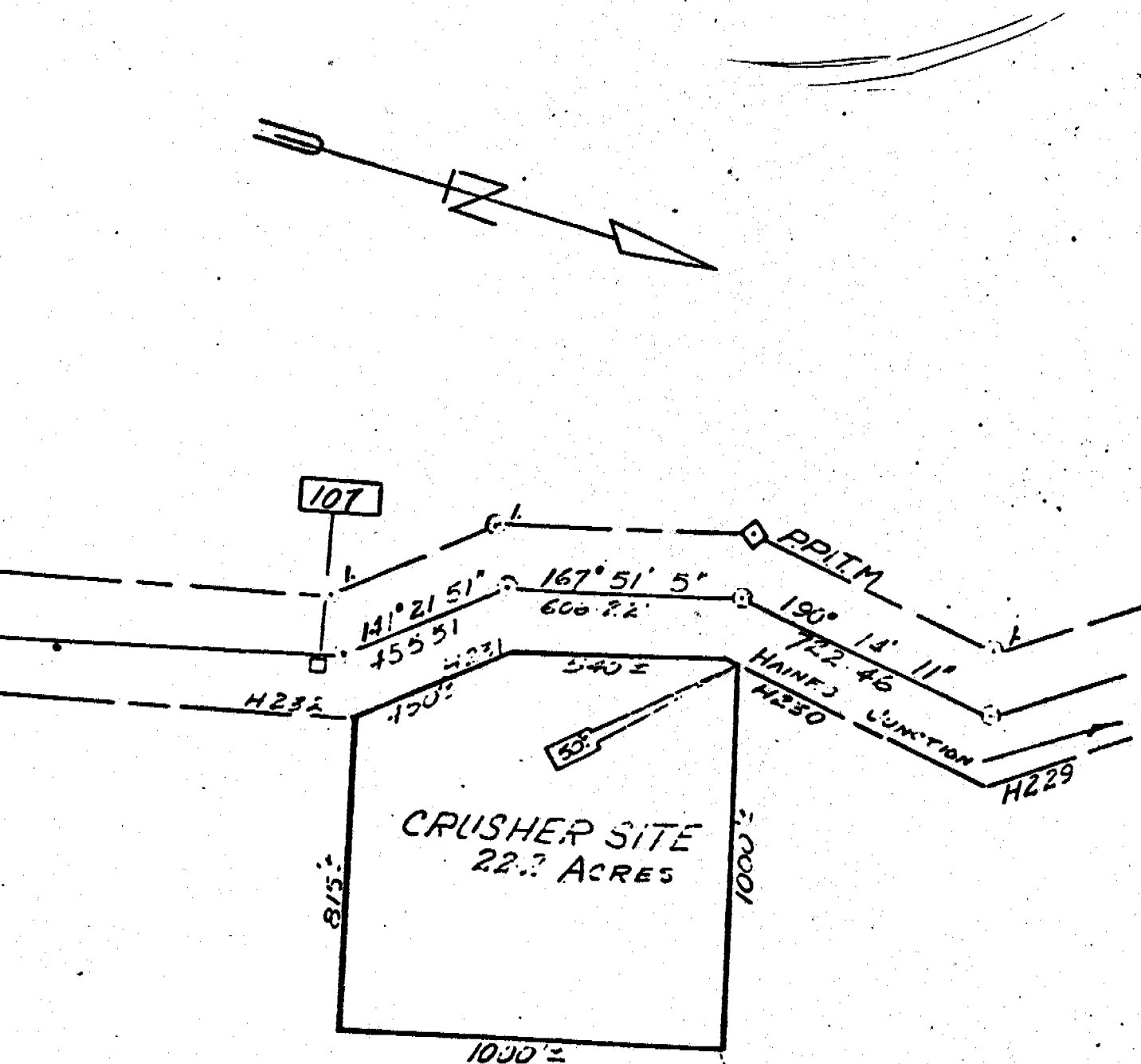
Potential
ConflictsEnvironmental: Land Use:

REFERENCE:

Federal Lands Office

NWHS CRUSHER SITE

MILE 107-1 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>207</u>	
Location: <u>MP 108.4</u>	Highway No: <u>4</u>	Side R ☒ L ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access: <u> </u>	
Tenure: Plan Yes ☐ No ☐		Current Status: <u>Inactive</u>	

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Gently Rolling	Tree Cover:	Mod, Spruce, Alder
HISTORY	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:		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>Kluane</u>		Borrow or Test Site No: <u>208</u>	
Location: <u>MP 108.7</u>		Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐
KP <u> </u>		Highway Name: <u>Haines Road</u>	Distance: <u>Adjacent</u>
		Access	<u> </u>
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat - Gently Rolling		Tree Cover: Thick Spruce, Poplar
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 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:		Kluane		Borrow or Test Site No:		209	
Location:		Highway No: 4		Side R ☒ L ☐		Distance: Adjacent	
MP 108.9		KP		Highway Name: Haines Road		Access	
Tenure: Gravel Pit Reserve Appl. Plan				Current Status: Not Developed			
Yes		X		No			

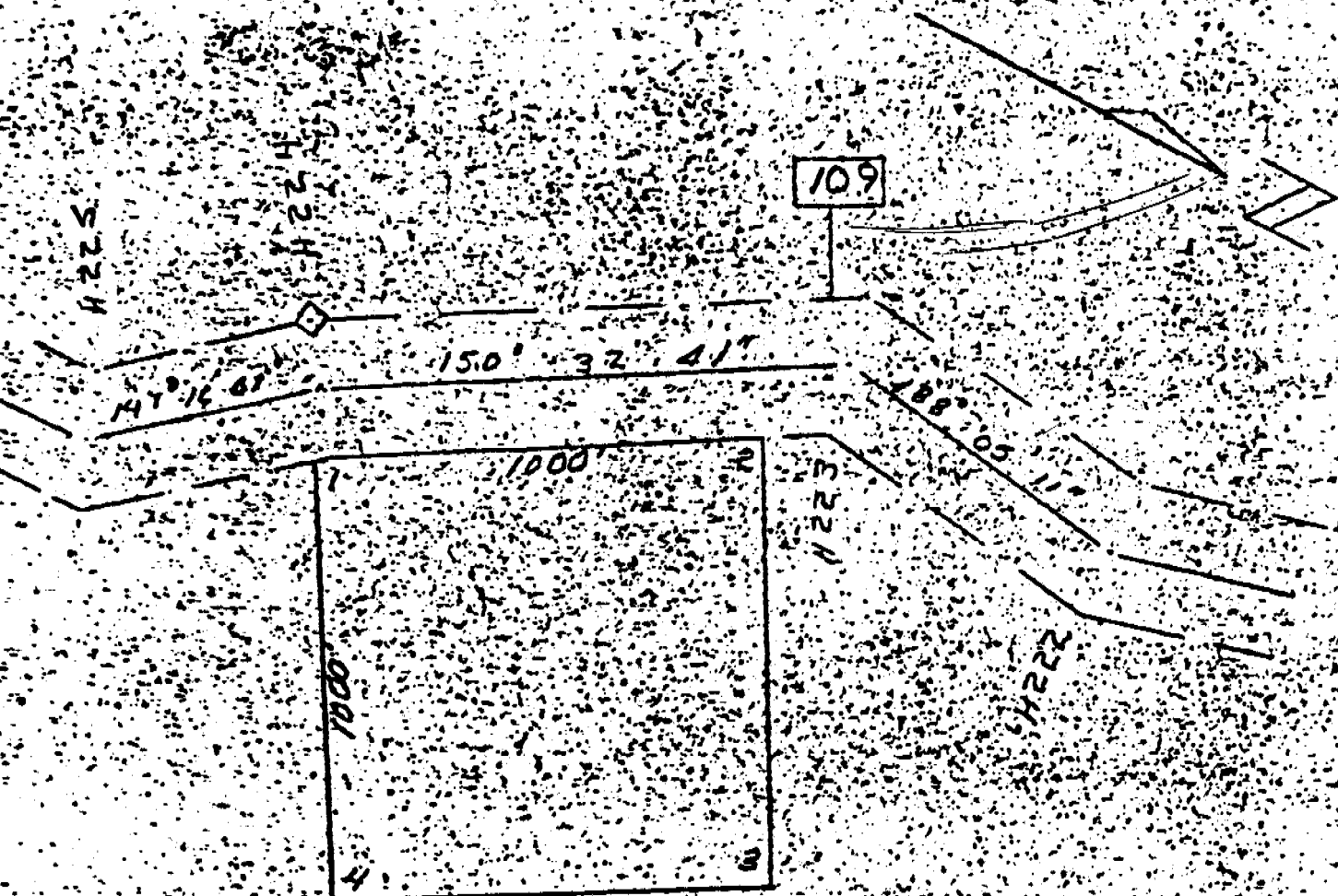
STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description:	Tree Cover:	
	Material:	Deposit:	
HISTORY	Past Use:	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

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)		Proven					
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE: Federal Lands Office



Temporary Application

Scale 1" = 700' Feb 9, 1955

B. J. D.

Temporary Application
NwHS Pit

Pending Survey by Roads Department, 1955

MP 108.9 HAINES CUT OFF ROAD

Commencing at legal survey monument H-224 on a true bearing of $60^{\circ}32'41''$ for a distance of 300 feet to post #1; thence on a true bearing of $330^{\circ}32'41''$ for a distance of 1000 feet to post #2; thence on a true bearing of $60^{\circ}31'41''$ for a distance of 1000 to post #3; thence on a true bearing of $150^{\circ}31'41''$ for a distance of 1000 feet to post #4; thence on a true bearing of $240^{\circ}31'41''$ for a distance of 1000 feet to post #1.

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 210	
Location: MP 110.7	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP Highway Name: Haines Road		Access	
Tenure: Plan Yes ☐ No ☐		Current Status:	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description:	Tree Cover:
	Material: Silts	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: June/62		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
			68	52	41	31	14	4	4	—

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 211	
Location: MP 110.9	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP Highway Name: Haines Road		Access	
Tenure: Gravel Pit Reserve Appl. Plan		Current Status: Inactive	
Yes ☒ No ☐			

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

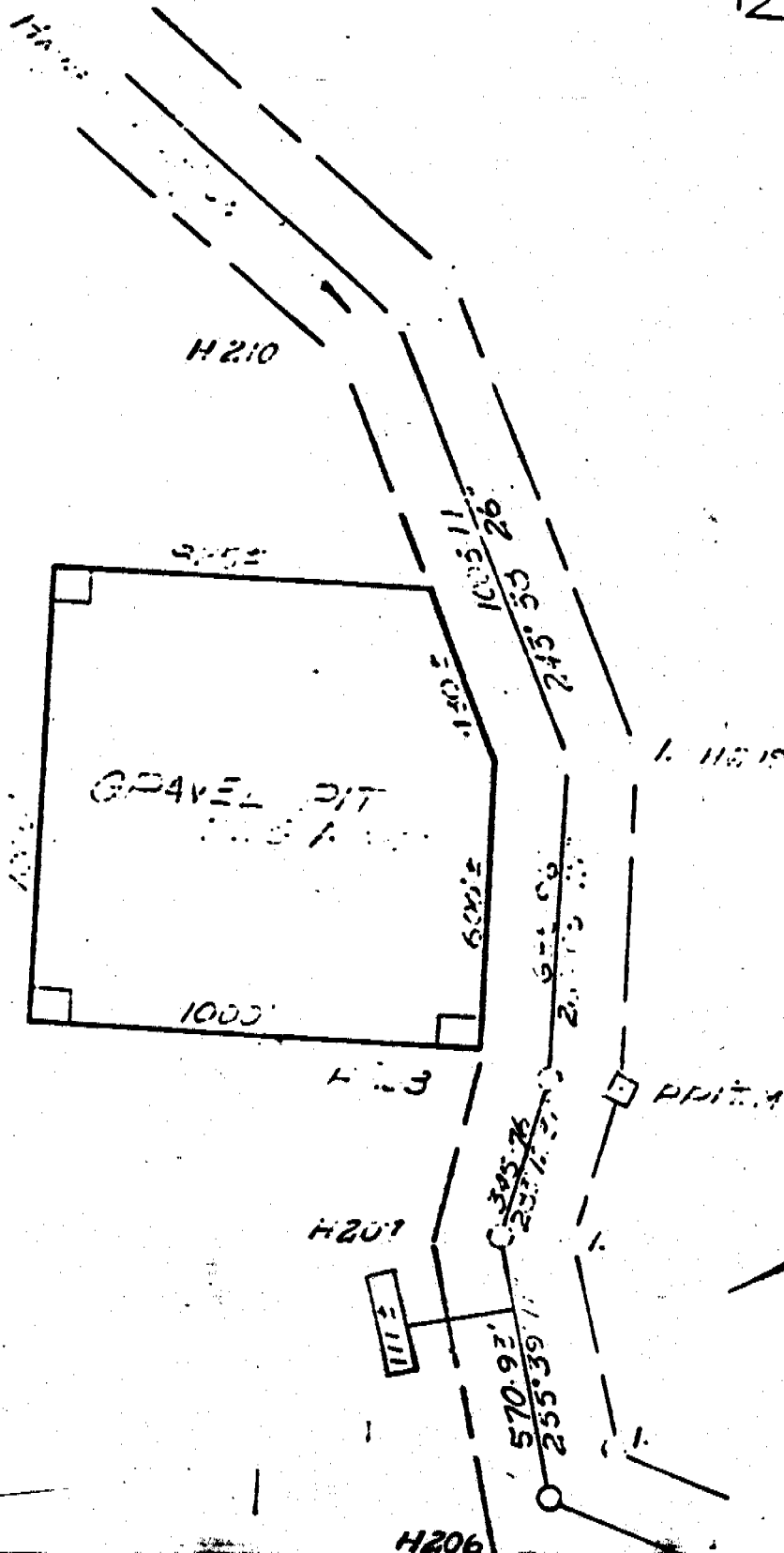
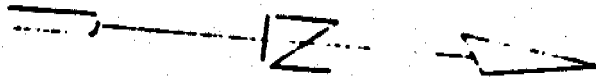
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:	Sites Sampled:		
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated	Proven		
Remarks:				

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:	Federal Lands Office
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W. H. S. GRAVEL PIT
MILE 1109 HAINES ROAD



Scale 1"=400

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>212</u>	
Location: MP <u>112.0</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: <u>Not Developed</u>	

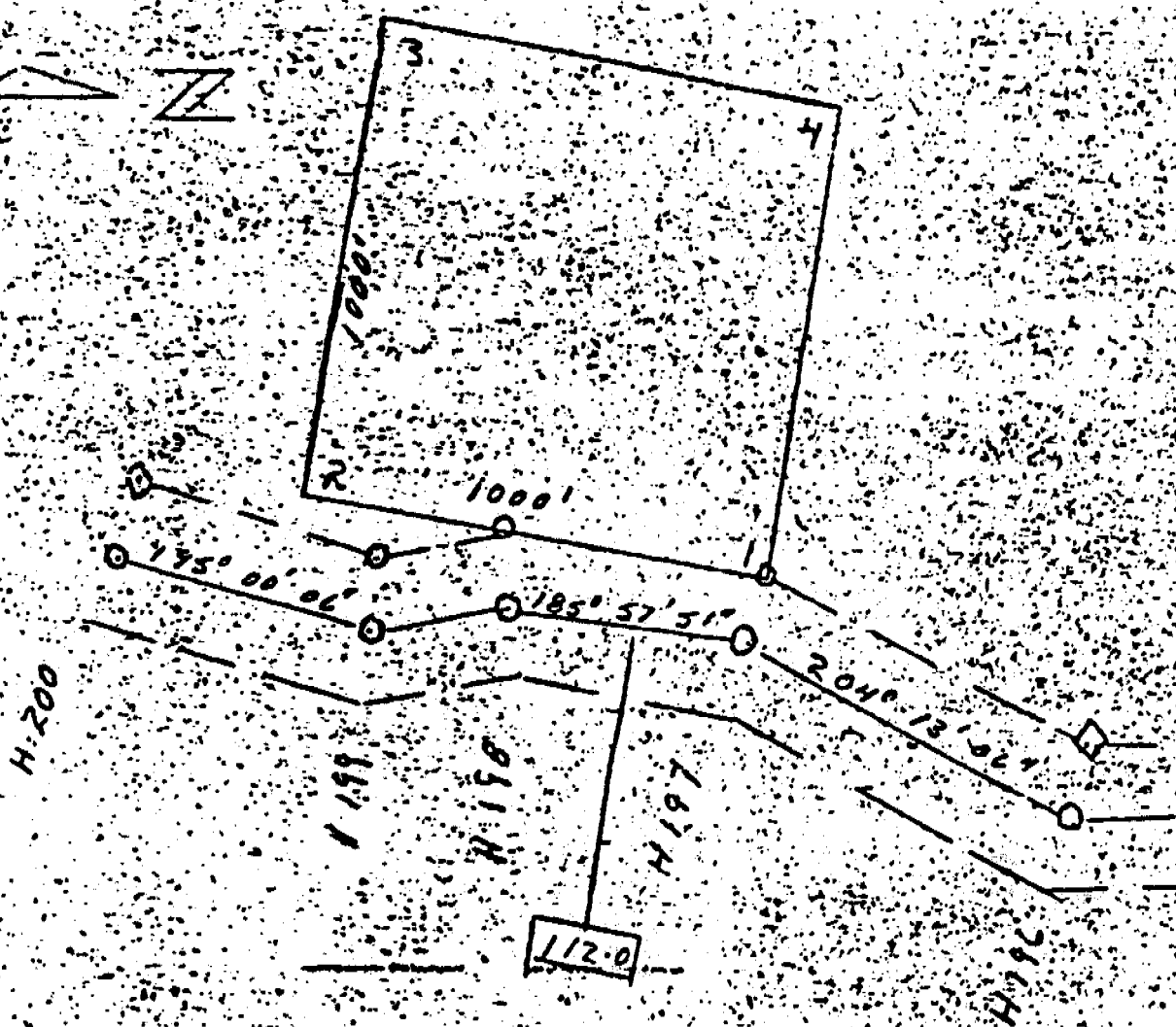
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u> </u>	Tree Cover: <u> </u>
	Material: <u> </u>	Deposit: <u> </u>
	Past Use: <u> </u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
	Remarks: <u> </u>	

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

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

REFERENCE:	<u>Federal Lands Office</u>
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Temporary Application
Scale 1"=400' Feb 9, 1955
R. D. D.

Temporary Application
 N.W.H.S. Plat
 Pending Survey by Roads Department, 1955
 MP 112.0 HAINES CUT OFF ROAD

Commencing at legal survey monument H-197 as post #1; thence on a true bearing of $185^{\circ}57'51''$ for a distance of 1000 feet to post #2; thence on a true bearing of $275^{\circ}57'51''$ for a distance of 1000 feet to post #3; thence on a true bearing of $05^{\circ}57'51''$ for a distance of 1000 feet to post #4; thence on a true bearing of $95^{\circ}57'51''$ for a distance of 1000 feet to post #1 point of commencement.

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>213</u>	
Location: <u>MP 112.8</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan <u>Yes</u> ☒ <u>No</u> ☐		Current Status: <u>Not Developed</u>	

STOCKPILE SITE TYPE	Date:	Amount:	Cu. Yds.
	Description:	Tree Cover:	
HISTORY	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)		Proven					
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office

YUKON GRAVEL INVENTORY

R.M. Area:		Kluane		Borrow or Test Site No:		214	
Location:		Highway No: 4		Side R ☒ L ☐		Distance: Adjacent	
MP 115.2		KP		Highway Name: Haines Road		Access	
Tenure: Gravel Pit Reserve				Current Status:			
Plan		Yes ☒ No ☐		Not Developed			

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)		Proven					
	Remarks:							

[illegible]

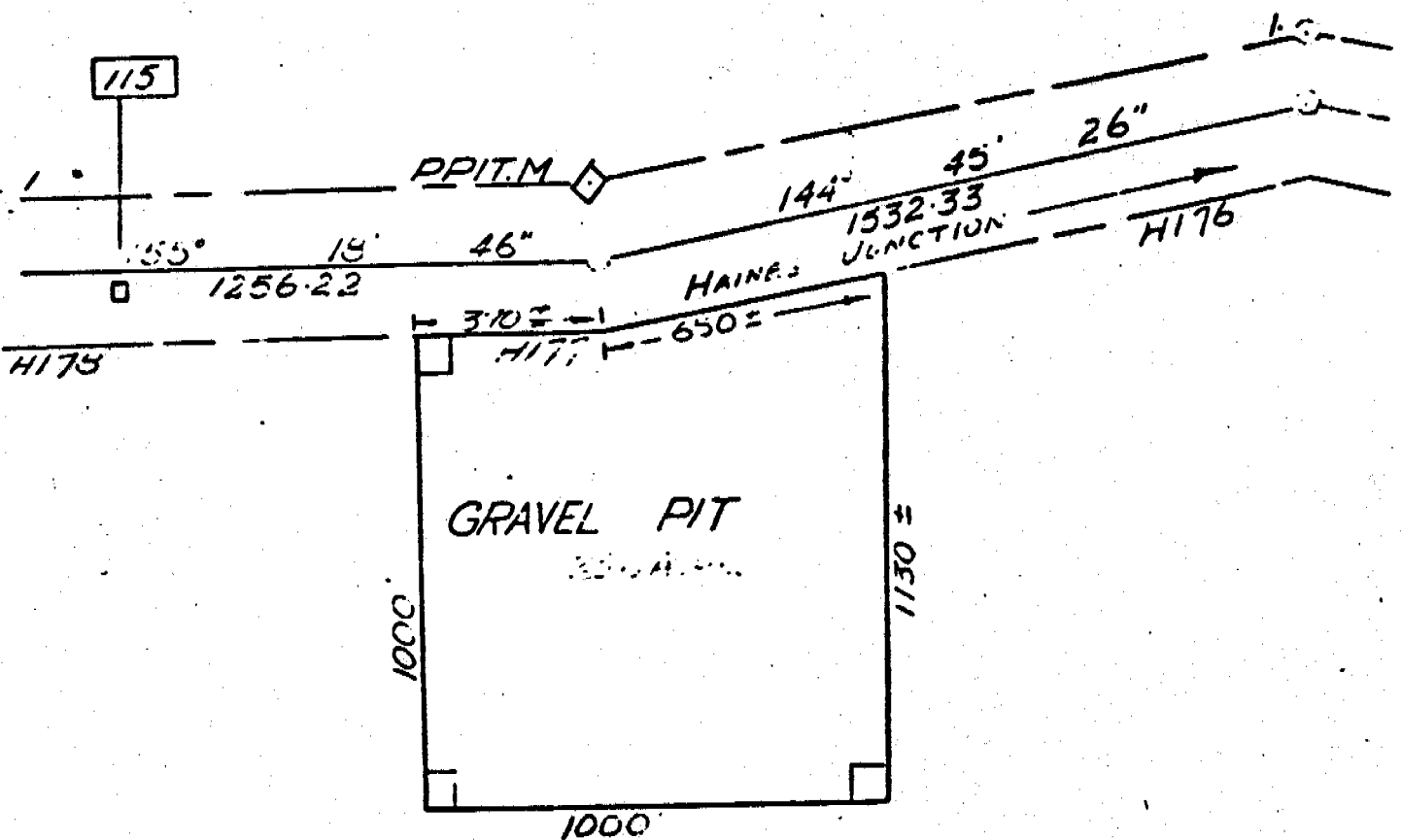
Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office

NWHS GRAVEL PIT

MILE 1152 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 215	
Location: MP 115.5	Highway No: 4	Side R ☐ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

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

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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: <u>Kluane</u>		Borrow or Test Site No: <u>216</u>	
Location: <u>MP 117.0</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</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: ☐	<u> </u>
SUBSURFACE TEST RESULTS	Date: <u> </u>	Sites Sampled: <u> </u>		
	Depth	Max.	Min.	Average
	Overburden	<u> </u>	<u> </u>	<u> </u>
	Material	<u> </u>	<u> </u>	<u> </u>
	Quantity (CuYds) Estimated	Proven		
	Remarks: <u> </u>			

LAB. TEST RESULTS	Los Angeles Abrasion % Loss: <u> </u>	Crush Count: <u> </u>								
Other Tests: <u> </u>										
Grain Size Analysis	% Passing Sieve Size									
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
			80	67	45	28	11	3	3	—

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

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

R.M. Area:	Kluane	Borrow or Test Site No:	217
Location:	Highway No:	Side	Distance:
MP 117.2	4	R ☒ L ☐	Adjacent
KP	Highway Name:	Access	
	Haines Road		
Tenure:	Gravel Pit Reserve	Current Status:	
Plan	Yes ☒ No ☐	Not Developed	

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

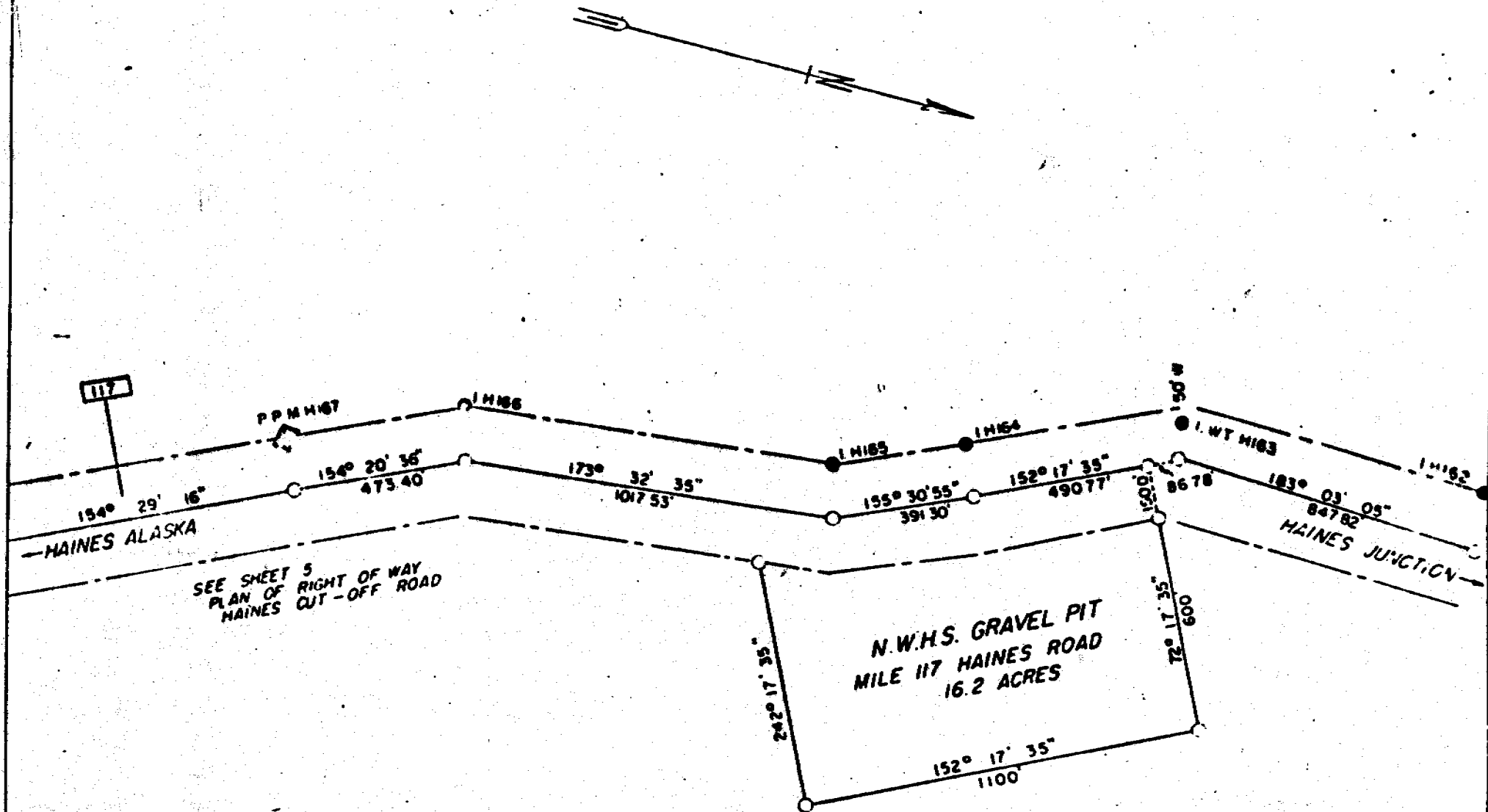
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☒
	Lab. Test	☒	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date: June/62		Sites Sampled:					
	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated Proven							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office
DPW Material Inventory, Haines Road Technical Data .



SCALE : 1" = 400'

YUKON GRAVEL INVENTORY

R.H. Area:		Kluane		Borrow or Test Site No:		218	
Location:		Highway No: 4		Side R ☒ L ☐		Distance: Adjacent	
MP 117.9		KP ☐ Highway Name: Haines Road		Access		Poor	
Tenure:		Current Status:		Active			
Plan		Yes ☐ No ☐					

STOCKPILE SITE TYPE	Date: May/77	Crush	Amount: ± 1000 Cu.Yds.
	Description: Steep Sidehill	Tree Cover: Heavy Poplar	
HISTORY	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:				

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 219	
Location: MP 120.2	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP ☐ Highway Name: Haines Road		Access ☐	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: Inactive	

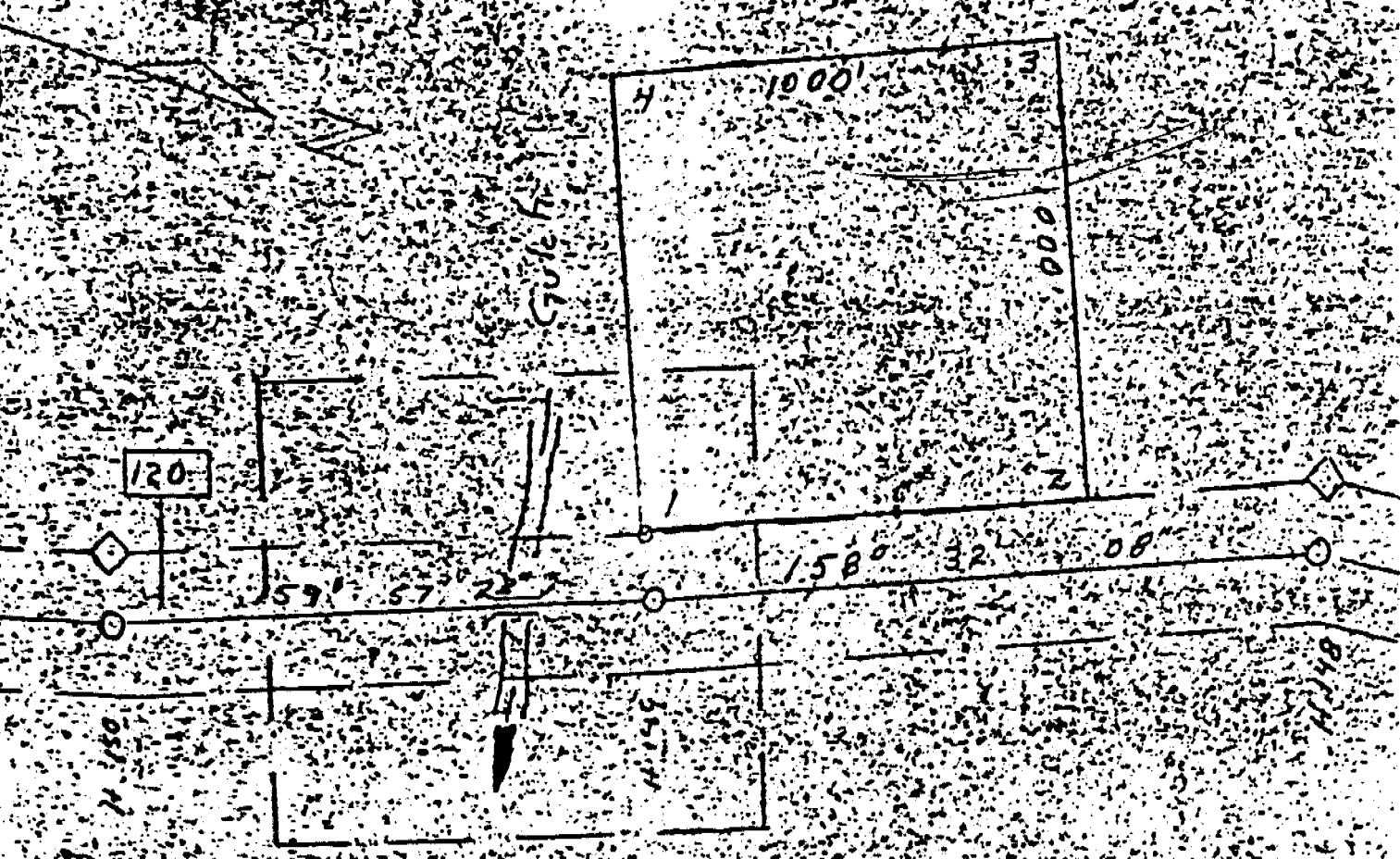
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gentle Slope	Tree Cover: Heavy Poplar
	Material: Weathered Bedrock	Deposit:
	Past Use: Borrow - Culvert Installation	Date:
	Performance Rating:	Amount Used:
Remarks:		

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:	Federal Lands Office
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Gibbles

Temporary Application

Scale 1"=400'

Feb 9, 1955

R.J.D.

Temporary Application
 N&HS Pit
 Pending Survey by Roads Department, 1955

MP 120.2 HAINES CUT OFF ROAD

Commencing at legal survey monument H-149 as post #1; thence on a true bearing of $338^{\circ}32'08''$ for a distance of 1000 feet to post #2; thence on a true bearing of $248^{\circ}32'08''$ for a distance of 1000 feet to post #3; thence on a true bearing of $158^{\circ}32'08''$ for a distance of 1000 feet to post #4; thence on a true bearing of $68^{\circ}32'08''$ for a distance of 1000 feet to post #1 point of commencement.

YUKON GRAVEL INVENTORY

R.H. Area:	Kluane	Borrow or Test Site No:	220		
Location:	Highway No: 4	Side	R ☒ L ☐	Distance:	Adjacent
MP 122.6	KP	Highway Name:	Haines Road	Access	
Tenure:	Plan	Yes ☐ No ☐	Current Status:	Active	

STOCKPILE SITE TYPE HISTORY	Date:	May/77	Crush	Amount:	500	Cu.Yds.
	Description:	Gentle Slope	Tree Cover:	Heavy Spruce		
	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.H. Area:-		Kluane		Borrow or Test Site No: 221	
Location:-		Highway No:	4	Side	R ☐ L ☐
MP	122.7	KP		Highway Name:	Haines Road
				Distance:	Adjacent
				Access	
Tenure: Gravel Pit Reserve			Current Status:		
Plan	Yes	X	No		Inactive

STOCKPILE	Date: May/77	Crush	Amount: 250 Cu.Yds.
	Description: Moderate Sidehill	Tree Cover: Thick Spruce, Poplar	
SITE	Material: Gravelly Sand	Deposit:	
TYPE	Past Use: Borrow - Surfacing 3/4" Crush	Date: June/71	
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]

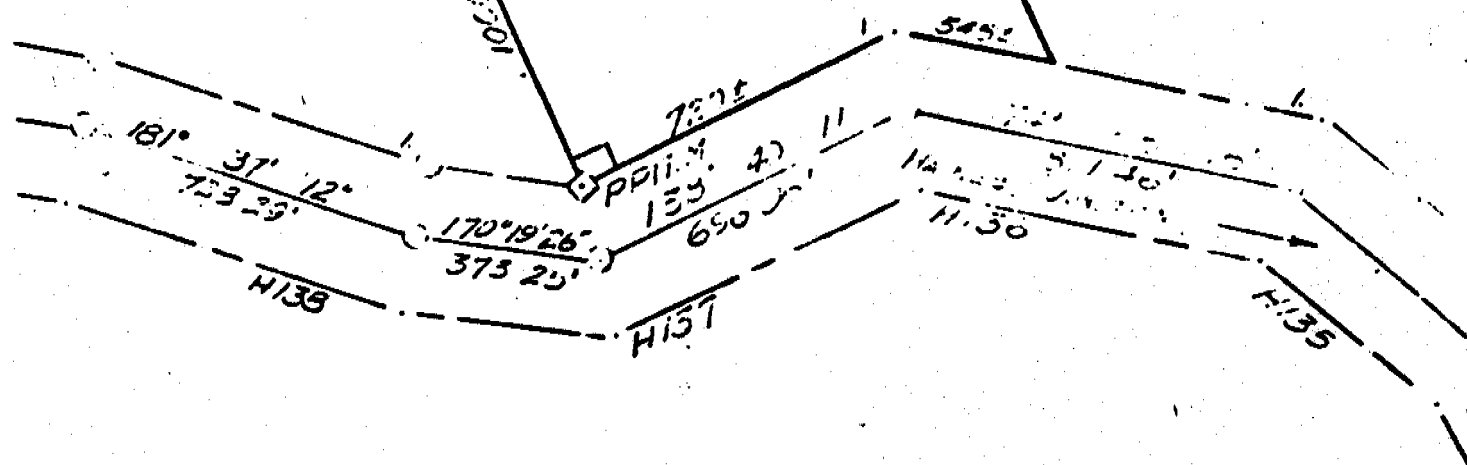
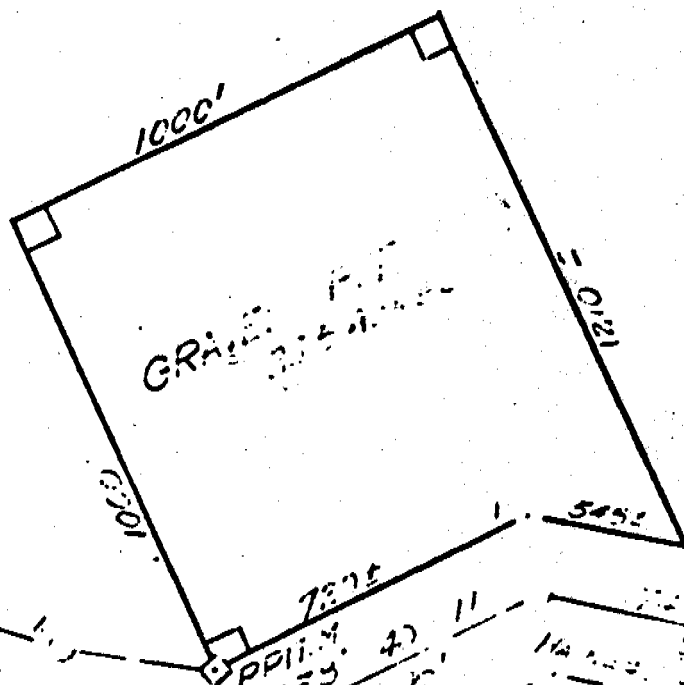
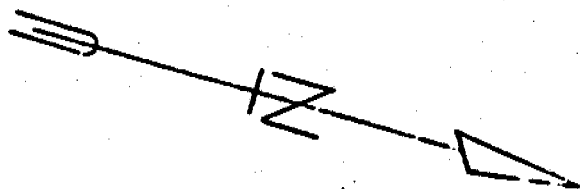
Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office
DPW Materials Inventory, Haines Road Technical Data

NWHS GRAVEL PIT

MILE 122.7 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 222	
Location: MP 122.9	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP ☐ Highway Name: Haines Road		Access ☐	
Tenure: Plan Yes ☐ No ☐		Current Status:	

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

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☒												
	Lab. Test ☒ Sketch (Plan) ☐ Crushed: ☐												
	Date: June/62 Sites Sampled:												
	<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 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
			60	48	41	32	14	4	--	--

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 223	
Location: MP 123.9	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP Highway Name: Haines Road		Access	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: Not Developed	

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

TEST SUMMARY SUBSURFACE TEST RESULTS	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
	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.40	No.200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	Federal Lands Office
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11/2/5

Temporary Application
Scale 1"=400' Feb 9, 1955
RJD.

Temporary Application
 NWHS Pit
 Pending Survey by Roads Department, 1955

128.5
 MP 124.9 HAINES CUT-OFF ROAD

Commencing at legal survey monument H-128 on a true bearing of $174^{\circ}33'10''$ for a distance of 575 feet to post #1; thence on a true bearing of $174^{\circ}33'10''$ for a distance of 1000 feet to post #2; thence on a true bearing of $264^{\circ}33'10''$ for a distance of 1000 feet to post #3; thence on a true bearing of $354^{\circ}33'10''$ for a distance of 1000 feet to post #4; thence on a true bearing of $84^{\circ}33'10''$ for a distance of 1000 feet to post #1.

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 224	
Location: MP 124.6	Highway No: 4	Side R ☐ L ☐	Distance: Adjacent
KP ☐	Highway Name: Haines Road	Access ☐	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: <u>Hammock - Flat</u>	Tree Cover: <u>Thick Alder</u>	
	Material: <u>Gravel</u>	Deposit:	
HISTORY	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:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 225	
Location: MP 124.8	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: Not Developed	

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description:	Tree Cover:	
SITE	Material: Silty Gravel		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: Visual examination.								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

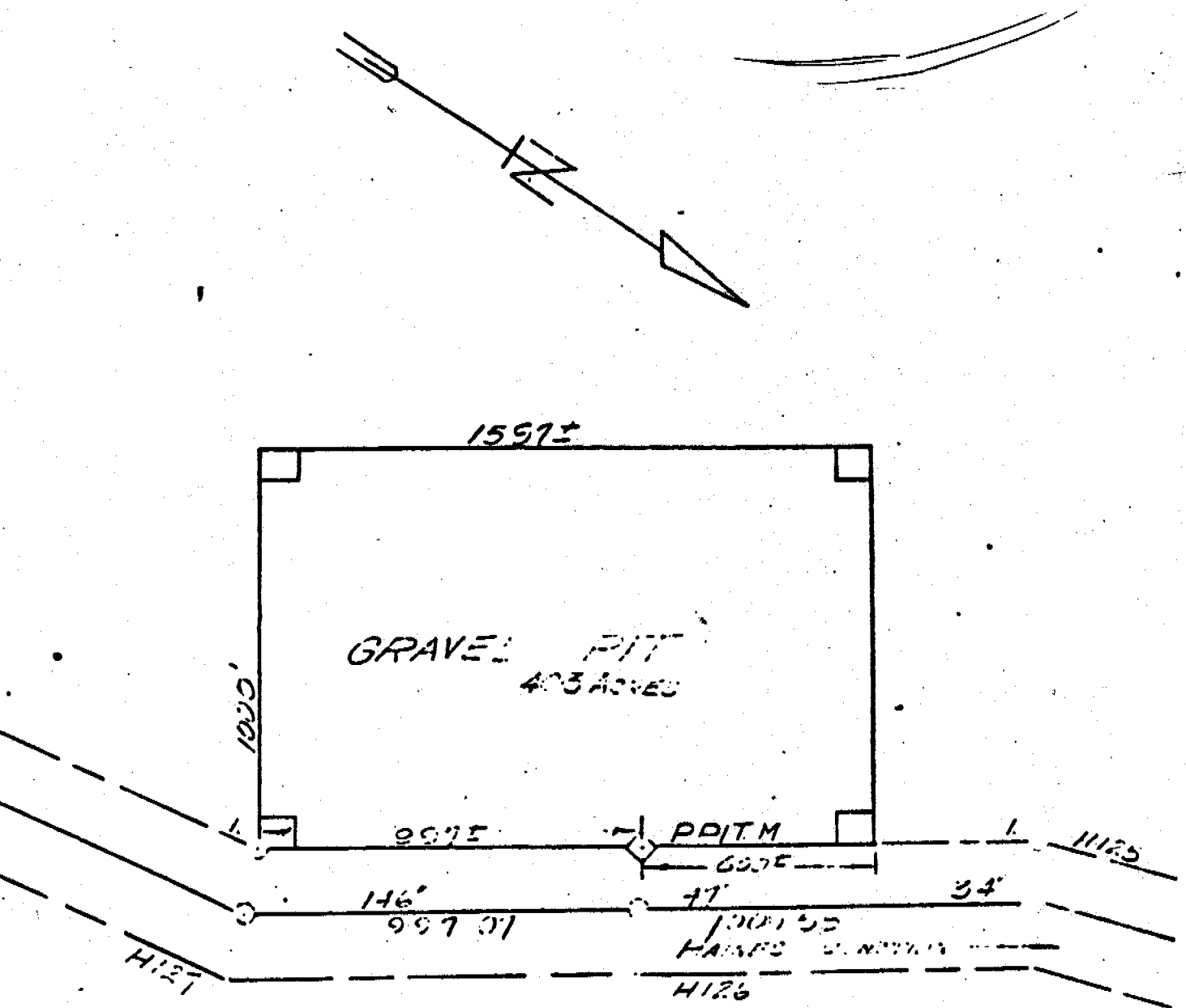
REFERENCE:

Federal Lands Office
DPW Materials Inventory, Haines Road Technical Data

NWHS GRAVEL PIT

MILE 124.3

HAINES ROAD



Scale 1"=400'

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>226</u>	
Location: <u>MP 127.0</u>	Highway No: <u>4</u>	Side <u>R</u> ☐ <u>L</u> ☒	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</u>		Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: <u>Inactive</u>	

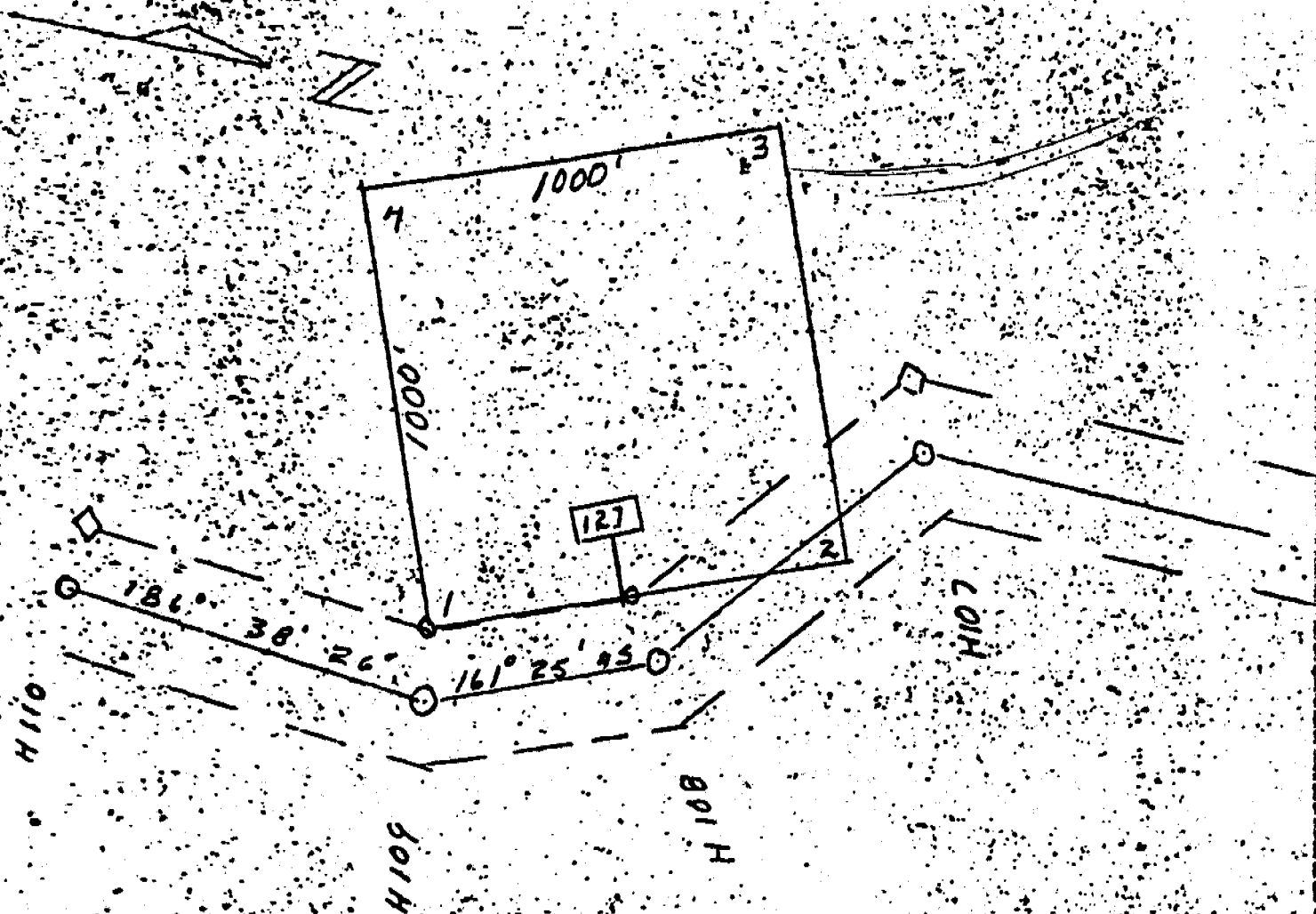
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Moderate Alder</u>
	Material: <u>Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	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>																																																																										
<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> </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		Z Passing Sieve Size								Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI																																												
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:	<u>Federal Lands Office</u>
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Temporary Application
Scale 1"=400' Feb 9, 1955
R.J.D.

Temporary Application
 NWHS Pit
 Pending Survey by Roads Department, 1955

MP 127.0 HAINES CUT OFF ROAD

Commencing at legal survey monument H-109 as post #1; thence on a true bearing of $341^{\circ}25'45''$ for a distance of 1000 feet to post #2; thence on a true bearing of $251^{\circ}25'45''$ for a distance of 1000 feet to post #3; thence on a true bearing of $161^{\circ}25'45''$ for a distance of 1000 feet to post #4; thence on a true bearing of $71^{\circ}25'45''$ for a distance of 1000 feet to post #1 point of commencement.

YUKON GRAVEL INVENTORY

R.M. Area: Kluane Borrow or Test Site No: 227

Location: Highway No: 4 Side R ☐ L ☐ Distance: Adjacent
MP 128.9 KP ☐ Highway Name: Haines Road Access ☐

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle - Moderate Sidehill		Tree Cover: Thick Alder
SITE	Material: Gravel		Deposit:
TYPE	Past Use:	Date:	
	Borrow		
	Performance Rating:	Amount Used:	
HISTORY	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: Kluane		Borrow or Test Site No: 228	
Location: MP 131.0	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Gravel Pit Reserve		Current Status: Not Developed	
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)		Proven					
	Remarks:							

[illegible]

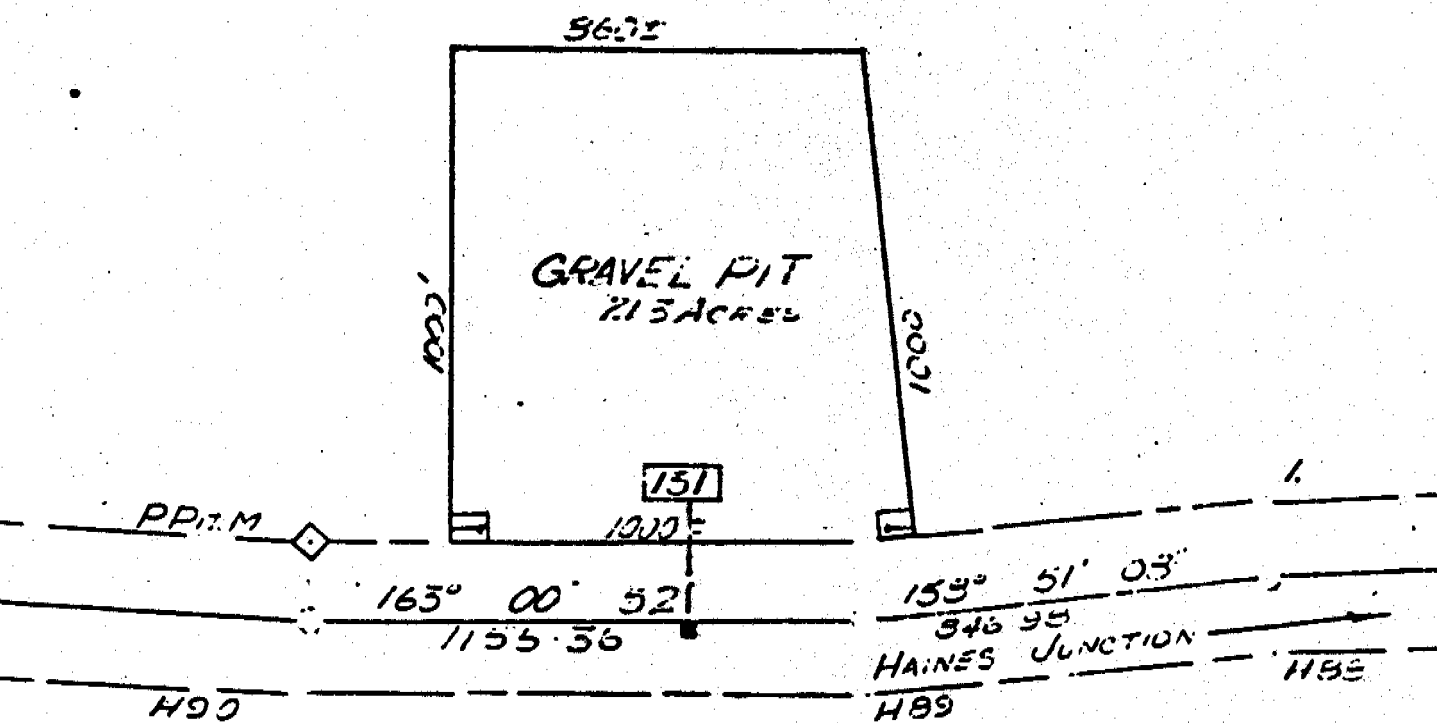
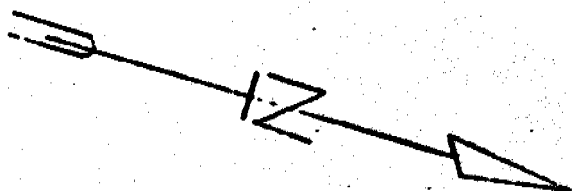
Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

Federal Lands Office

NWHS GRAVEL PIT

MILE 131.0 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>229</u>	
Location: <u>MP 134.5</u>	Highway No: <u>4</u>	Side R ☐ L ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</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 Slope</u>	Tree Cover: <u>Heavy 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 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		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: 	
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YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 230	
Location: MP 135.0	Highway No: 4	Side R ☒ L ☒	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan		Current Status:	Inactive
Yes	No		

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope	Tree Cover: Heavy Spruce, Alder	
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:	☐		
	Date:		Sites Sampled:					
SUBSURFACE TEST RESULTS	Depth	Max.		Min.		Average		
	Overburden							
	Material							
	Quantity (CuYds) Estimated				Proven			
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 231	
Location:	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
MP 135.2	KP	Highway Name: Haines Road	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☐ No ☐		Current Status: Inactive	

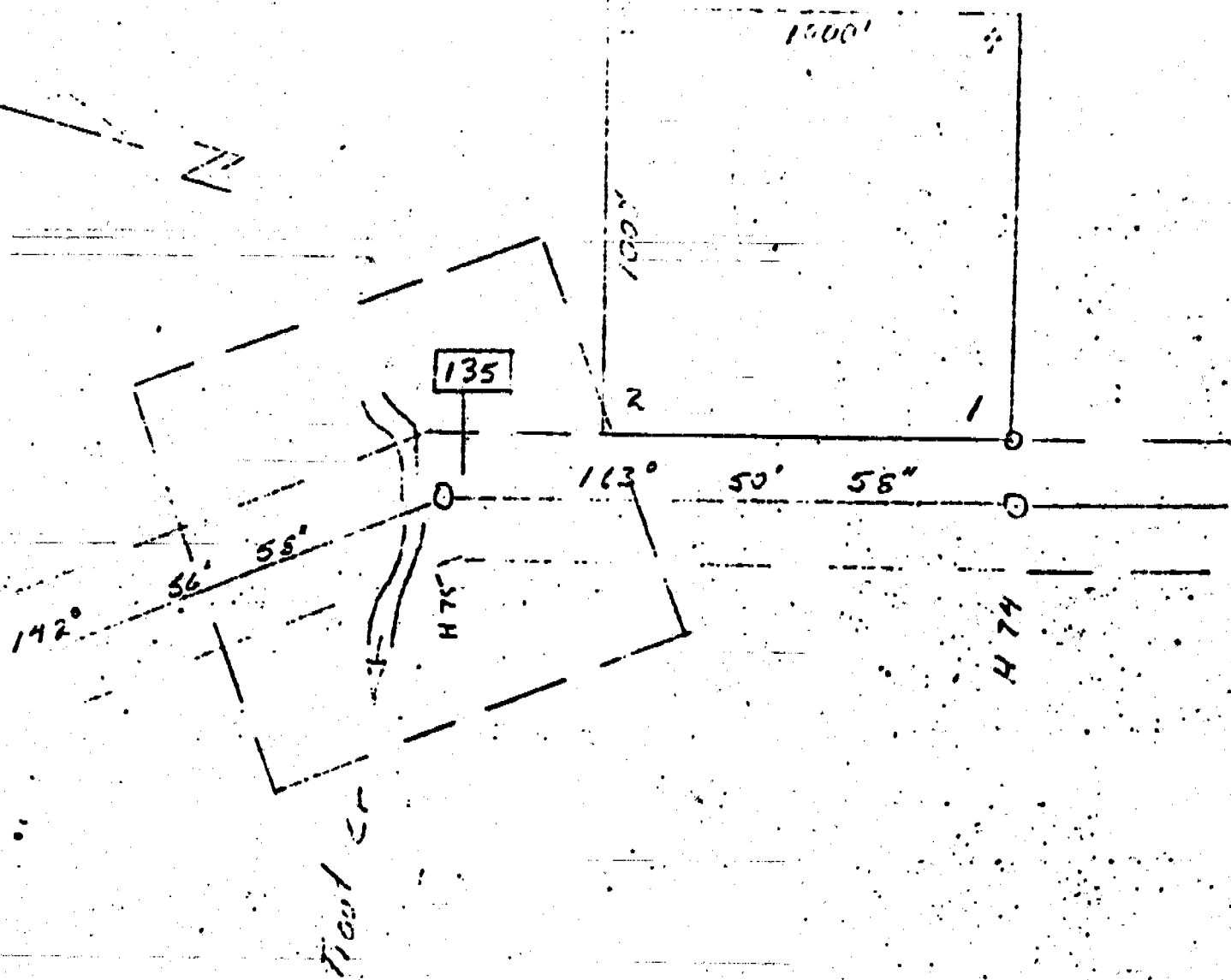
STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Flat	Tree Cover: Moderate Poplar
	Material: Gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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:	Federal Lands Office
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Temporary Application
 Scale 1"=400' Feb 9, 1955
 R.U.D.

Temporary Application
 S.W. N.W.S. Pit.
 Pending Survey by Roads Department, 1955

MP 135.0 HAINES CUT OFF ROAD

Commencing at legal survey monument H-74 as post #1; thence on a true bearing of $163^{\circ}50'58''$ for a distance of 1000 feet to post #2; thence on a true bearing of $253^{\circ}50'58''$ for a distance of 1000 feet to post #3; thence on a true bearing of $343^{\circ}50'58''$ for a distance of 1000 feet to post #4; thence on a true bearing of $73^{\circ}50'58''$ for a distance of 1000 feet to post #1 point of commencement.

YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>232</u>	
Location: <u>MP 135.6</u>	Highway No: <u>4</u>	Side R ☒ L ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u>Good</u>	
Tenure: <u>Plan</u>		Current Status: <u>Active</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u>May/66</u>	Crush Amount: <u>+ 1500</u> Cu.Yds.
	Description: <u>Flat</u>	Tree Cover: <u>Heavy Poplar</u>
	Material: <u>Gravel</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: ☐	
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>																																																																										
<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> </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. 10	No. 40	No. 200	LL	PI																																												
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> <u> </u> <u> </u> <u> </u> <u> </u>
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>233</u>	
Location: MP <u>136.3</u>	Highway No: <u>4</u>	Side R ☐ L ☒	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</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>Moderate Poplar</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>
	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 <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> </u>
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YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 234	
Location: MP 136.8	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Moderate Poplar	
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:	☐		
	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:		

[illegible]

Potential	Environmental:
Conflicts	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 235	
Location:	Highway No: 4	Side R ☒ L ☐	Distance: 0.1
MP 139.2	KP ☐ Highway Name: Haines Road	Access	Poor
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope		Tree Cover: Heavy Spruce, Popl
SITE	Material: Gravel		Deposit:
	Past Use: Borrow - Large Pit		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:	Kluane	Borrow or Test Site No:	236
Location:	Highway No: 4	Side	R ☒ L ☐
MP 139.9	KP	Distance:	Adjacent
	Highway Name:	Access	
Tenure: Gravel Pit Reserve Appl.		Current Status:	
Plan	Yes ☒ No ☐		

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

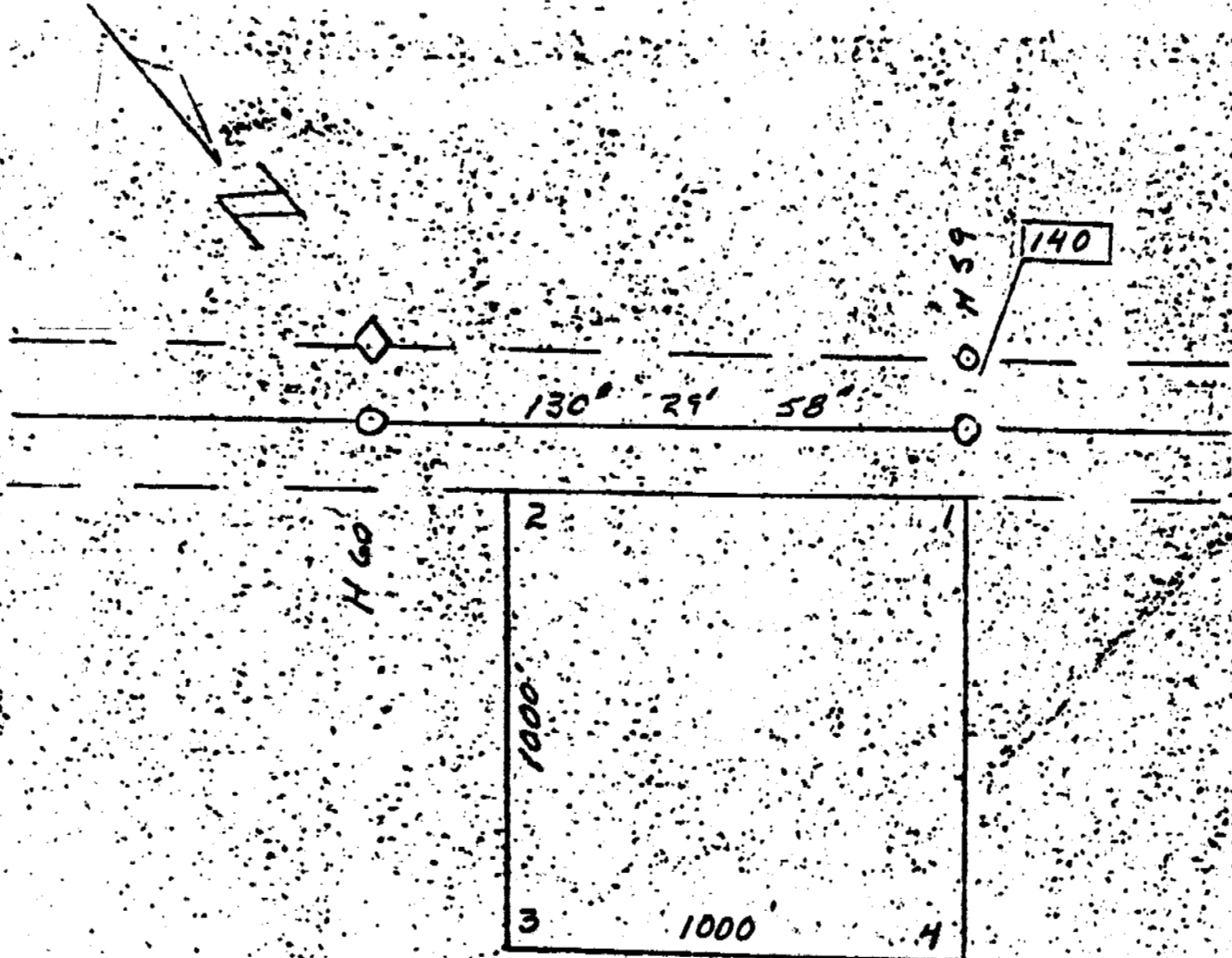
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
	Quantity (CuYds)		Proven					
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office



Temporary Application
Scale 1"=400' Feb 9, 1953
R. J. D.

Temporary Application
 - NWES Pit
 Pending Survey by Roads Department, 1955
 MP 139.9 HAINES CUT OFF ROAD

Commencing at legal survey monument H-59 on a true bearing of $40^{\circ}29'58''$ for a distance of 300 feet to post #1; thence on a true bearing of $130^{\circ}29'58''$ for a distance of 1000 feet to post #2; thence on a true bearing of $40^{\circ}29'58''$ for a distance of 1000 feet to post #3; thence on a true bearing of $310^{\circ}29'58''$ for a distance of 1000 feet to post #4; thence on a true bearing of $220^{\circ}29'58''$ for a distance of 1000 feet to post #1.

R.H. Area: Kluane		Borrow or Test Site No: 237	
Location: MP 141.8	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	POOR
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat - Gently Rolling	Tree Cover: Mod. Poplar, Spruce	
SITE	Material: Clay	Deposit:	
TYPE	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

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

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area:		Kl-ane		Borrow or Test Site No:		238	
Location:		Highway No: 4		Side R ☐ L ☐		Distance: Adjacent	
MP 142.0		KP		Highway Name: Haines Road		Access	
Tenure:		Current Status:					
Plan		Yes ☐ No ☐		Inactive			

STOCKPILE	Date:	Amount:	Cu. Yds.
	Description: Small Knoll		Tree Cover: Mod. Poplar, Spruce
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	Proven				
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area:		Kluane		Borrow or Test Site No: 239	
Location:		Highway No:	4	Side	R ☒ L ☐
MP	142.2	KP		Highway Name:	Haines Road
				Distance:	Adjacent
				Access	Poor
Tenure:		Current Status:		Inactive	
Plan		Yes	☐	No	☐

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gently Rolling		Tree Cover: Thick Spruce, Poplar
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.M. Area: Kluane Borrow or Test Site No: 240

Location: Highway No: 4 Side R ☒ L ☐ Distance: Adjacent
MP 143.0 KP Highway Name: Haines Road Access

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
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:		Kluane		Borrow or Test Site No: 241			
Location:		Highway No:	4	Side	R ☐ L ☒	Distance:	Adjacent
MP	144.5	KP		Highway Name:	Haines Road	Access	
Tenure:		Gravel Pit Reserve		Current Status:		Not Developed	
Plan	Yes	X	No				

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

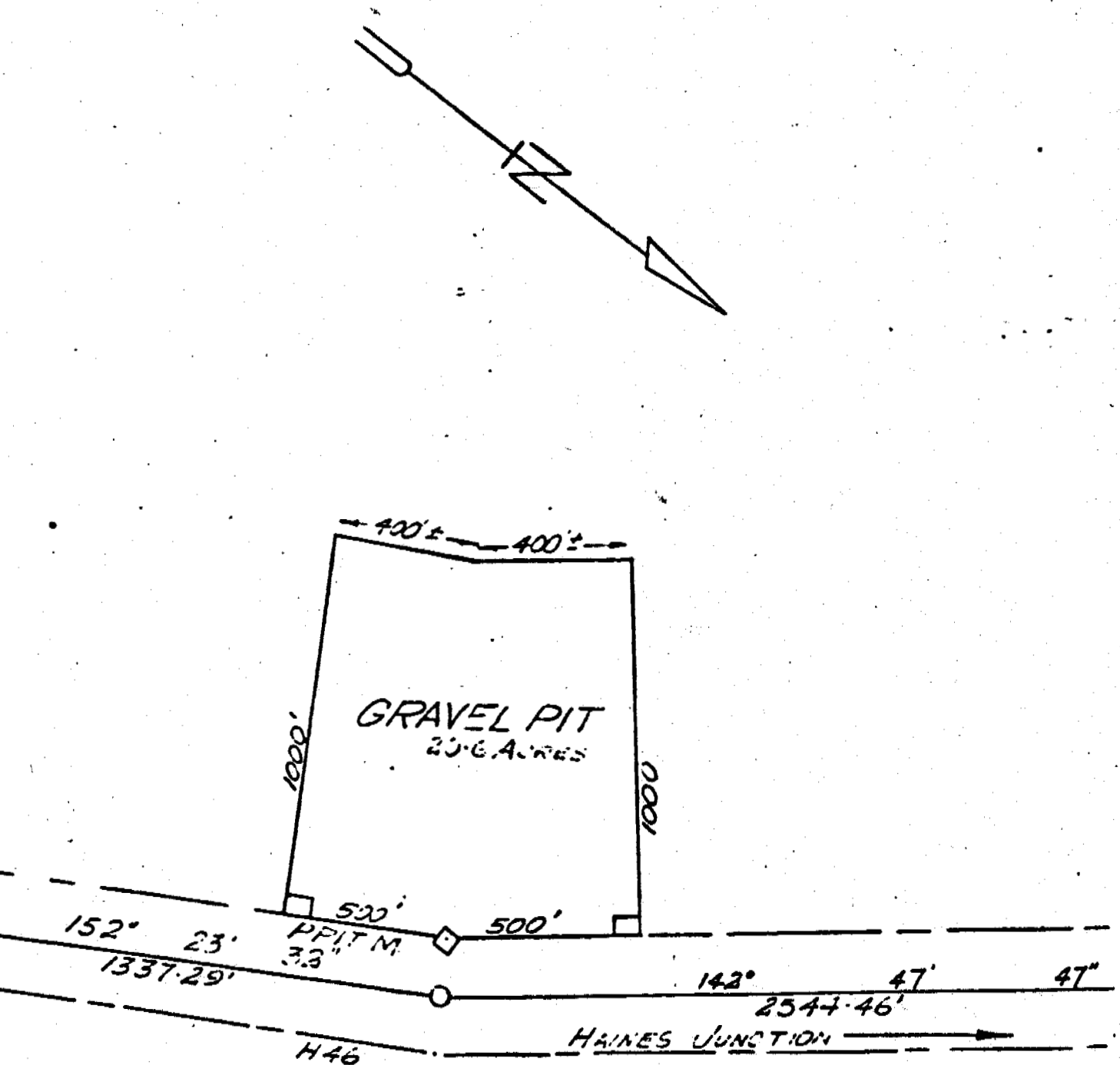
TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:					
	Depth	Max.	Min.	Average				
	Overburden							
	Material							
•	Quantity (CuYds)				Proven			
	Remarks:							

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE : Federal Lands Office

NWHS GRAVEL PIT
MILE 1445 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 242	
Location: MP 145.8	Highway No: 4	Side RK ☐ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	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: Dec/64		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
411			100	92	83	64	10	1	--	NP
412		100	75	54	39	25	7	2	--	NP

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	DPW Materials Inventory, Haines Road Technical Data
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YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 243	
Location: MP 146.1	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat		Tree Cover: Thick Poplar
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:								

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

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Kluane Borrow or Test Site No: 244

Location: MP 146.3 Highway No: 4 Side R ☒ L ☐ Distance: Adjacent

KP Highway Name: Haines Road Access

Tenure: Plan Yes ☐ No ☐ Current Status: Inactive

STOCKPILE SITE TYPE HISTORY

Date: Amount: Cu.Yds.

Description: Steep Sided Knoll Tree Cover: Light Poplar

Material: Gravel Deposit:

Past Use: Borrow Date:

Performance Rating: Amount Used:

Remarks:

TEST SUMMARY

Augered ☐ Pitted ☐ Trenched ☐ Not Indicated ☐

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

Date: Sites Sampled:

SUBSURFACE TEST RESULTS

Depth	Max.	Min.	Average
Overburden			
Material			

Quantity (CuYds) Estimated Proven

Remarks:

LAB. TEST RESULTS

Los Angeles Abrasion % Loss: Crush Count:

Other Tests:

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

Potential Conflicts

Environmental:

Land Use:

REFERENCE:

YUKON GRAVEL INVENTORY

R.M. Area:	Kluane	Borrow or Test Site No:	245
Location:	Highway No:	4	Side R ☒ L ☐
MP	147.2	KP	Highway Name: Haines Road
		Distance:	Adjacent
		Access	
Tenure: Gravel Pit Reserve		Current Status: Not Developed	
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) Proven			
	Remarks:			

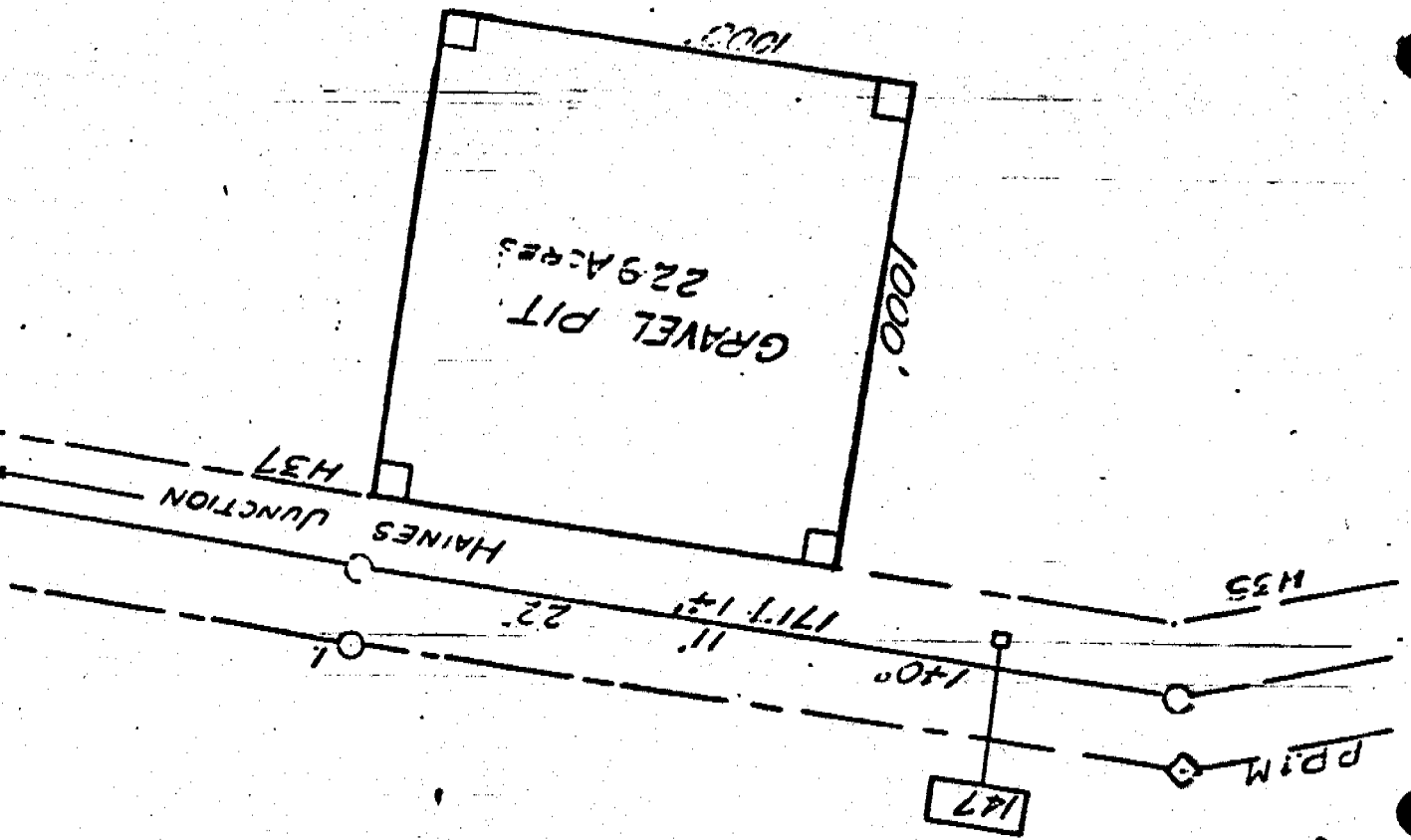
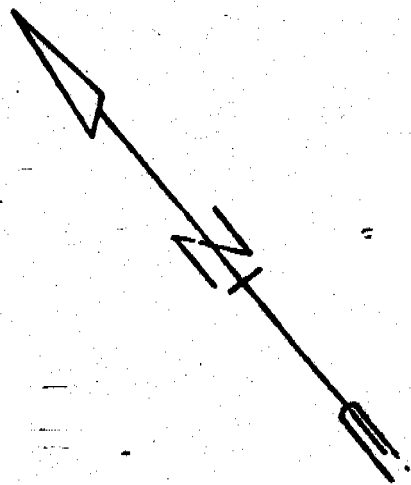
[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office

NWHS GRAVEL PIT
MILE 147.2 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 246	
Location: MP 148.0	Highway No: 4	Side R ☐ L ☒	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: Inactive	

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

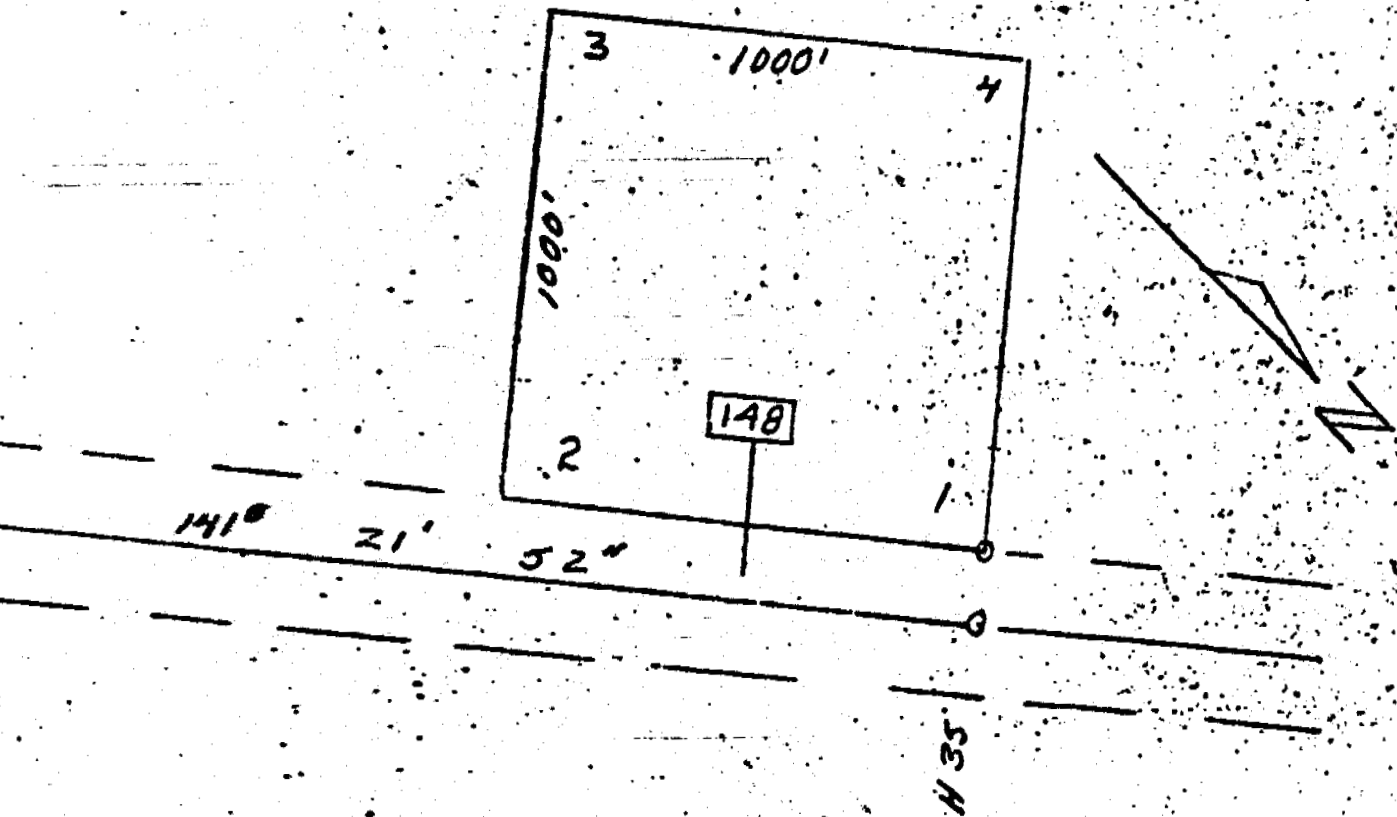
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date:		Sites Sampled:	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks:			

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

Federal Lands Office



Temporary Application
Scale 1"=100' Feb 9, 1955
R.U.D.

Temporary Application
 NWS Pit
 Pending Survey by Roads Department, 1955

MP 148 HAINES CUT OFF ROAD

Commencing at legal survey monument H-35 as post #1; thence on a true bearing of $141^{\circ}21'52''$ for a distance of 1000 feet to post #2; thence on a true bearing of $231^{\circ}21'52''$ for a distance of 1000 feet to post #3; thence on a true bearing of $321^{\circ}21'52''$ for a distance of 1000 feet to post #4; thence on a true bearing of $51^{\circ}21'52''$ for a distance of 1000 feet to post #1 point of commencement.

YUKON GRAVEL INVENTORY

R.M. Area	Kluane	Borrow or Test Site No:	247
Location:	Highway No:	4	Side R ☒ L ☐
MP 148.3	KP	Highway Name:	Haines Road
Tenure:	Distance:	Adjac	Access
Plan	Yes ☐ No ☐	Current Status:	Inactive

STOCKPILE SITE TYPE HISTORY	Date:	Amount:
	Description: Flat	Tree Cover: Heavy Poplar
	Material: Gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicate
	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	

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:

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YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>248</u>	
Location: <u>MP 148.4</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</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, Spruce, Poplar	
SITE	Material: Gravel, Silty & Sandy		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: Klunne		Borrow or Test Site No: 249	
Location: MP 151.0	Highway No: 4	Side R ☐ LK ☐	Distance: Adjacent
KP	Highway Name: Haines Road	Access	
Tenure: Gravel Pit Reserve 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)	Proven		
	Remarks:			

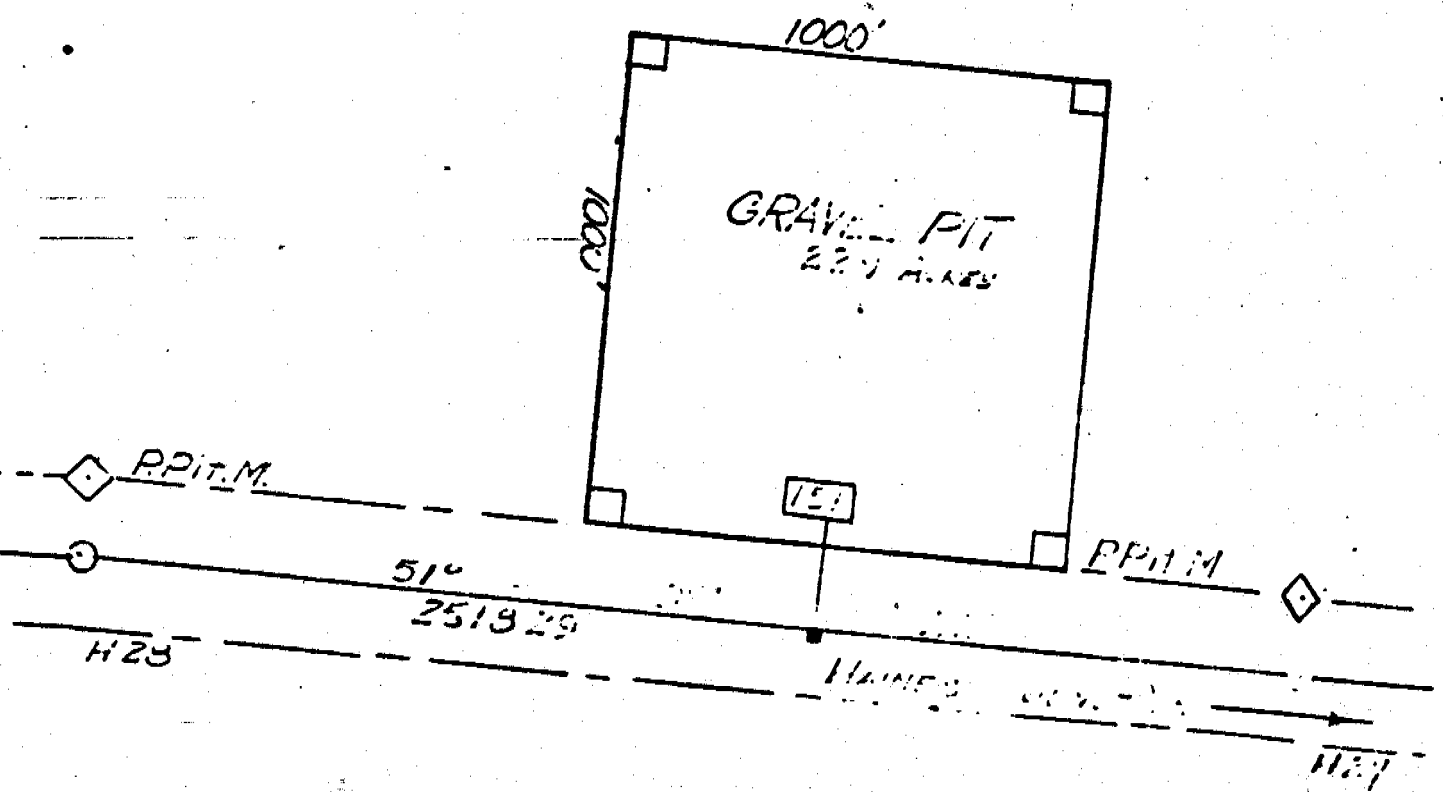
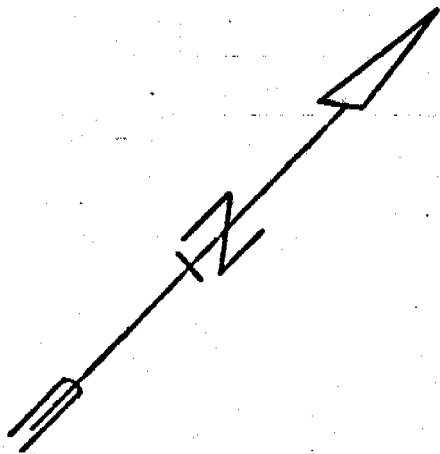
LAB. TEST RESULTS	Los Angeles Abrasion % Loss:	Crush Count:								
	Other Tests:									
Grain Size Analysis										
		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No.40	No.200	LL	PI

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	Federal Lands Office
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NWHS GRAVEL PIT

MI 151.0 HAINES ROAD



Scale 1" = 400'

YUKON GRAVEL INVENTORY

R.M. Area:		Kluane		Borrow or Test Site No: 250			
Location:		Highway No:	4	Side	R ☐ L ☒	Distance:	Adjacent
MP	151.5	KP		Highway Name:	Haines Road	Access	
Tenure:		Plan		Current Status:		Inactive	
		Yes ☐ No ☐					

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

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
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.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>251</u>	
Location: <u>MP 154.05</u>	Highway No: <u>4</u>	Side R ☐ L ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: Gravel Pit Reserve		Current Status: <u>Inactive</u>	
Plan	Yes ☒ No ☐		

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Slope	Tree Cover: Heavy Spruce	
SITE TYPE	Material: Gravel	Deposit:	
	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:								

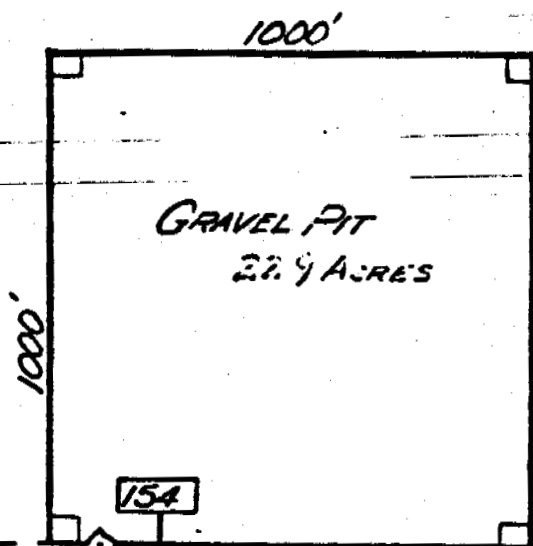
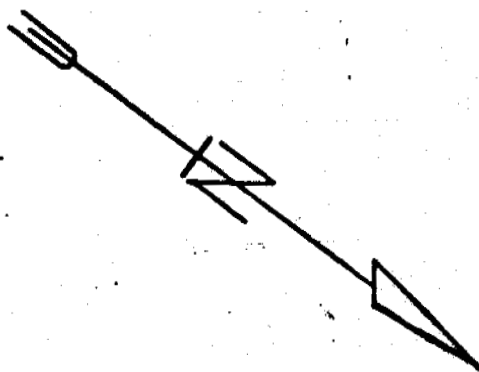
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Potential Conflicts	Environmental:
	Land Use:

REFERENCE: Federal Lands Office

NWHS GRAVEL PIT

MILE 15405 HAINES ROAD



154

P.P.M.

144° 11' 30"

2629.61

HAINES JUNCTION

H2O

SCALE 1" = 400'

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 252	
Location:	Highway No: 4	Side R ☒ L ☐	Distance: Adjacent
MP 154.6	KP Highway Name: Haines Road	Access	Good
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Steep Sided Knoll	Tree Cover: Mod. Spruce, Poplar	
	Material: Gravel	Deposit:	
HISTORY	Past Use: Borrow	Date:	
	Performance Rating:	Amount Used:	
	Remarks:		

TEST SUMMARY	Augered	☐	Pitted	☐	Trenched	☐	Not Indicated	☐
	Lab. Test	☐	Sketch (Plan)	☐	Crushed:	☐		
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>Kluane</u>		Borrow or Test Site No: <u>253</u>	
Location: <u>MP 155.0</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Haines Road</u>		Access <u> </u>	
Tenure: Gravel Pit Reserve Appl. Plan Yes ☒ No ☐		Current Status: <u>Inactive</u>	

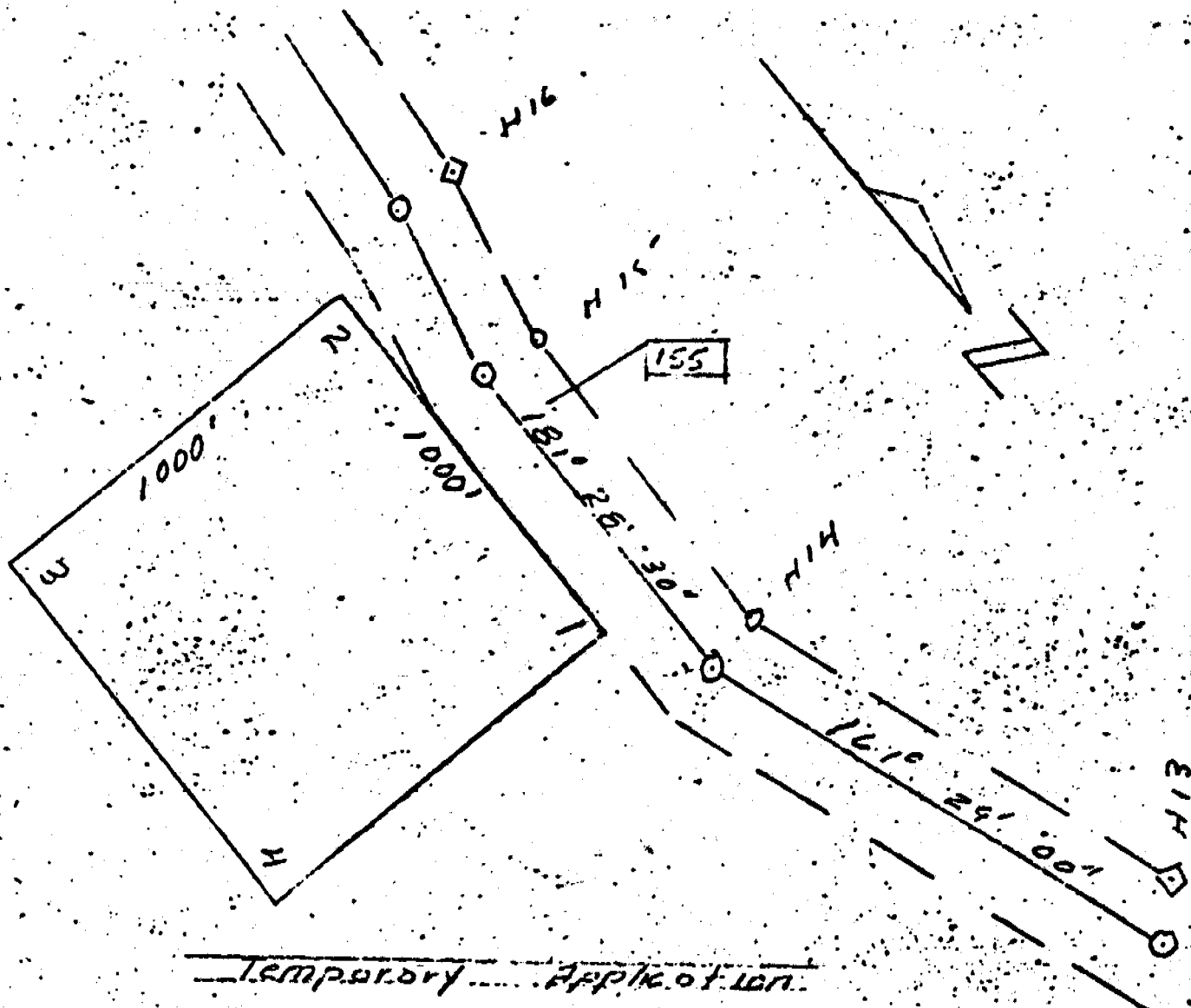
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gently Rolling</u>	Tree Cover: <u>Heavy Spruce, Poplar</u>
	Material: <u>Gravel</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	<u> </u>
	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 <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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Temporary Application
 KMS Pit
 Pending Survey By Roads Dept. 1955

HP 155 HAINES CUT OFF ROAD

Commencing at legal survey monument H-15 on a true bearing of 91 degrees 28' 30" for a distance of 300 feet; thence on a true bearing of 01 degrees 23' 30" for a distance of 650 feet to post #1; thence on a true bearing of 181 degrees 28' 30" for a distance of 1000 feet to post #2; thence on a true bearing of 91 degrees 28' 30" for a distance of 1000 feet to post #3; thence on a true bearing of 01 degrees 28' 30" for a distance of 1000 feet to post #4; thence on a true bearing of 271 degrees 28' 30" for a distance of 1000 feet to post #1.

YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>254</u>	
Location:	Highway No: <u>4</u>	Side R ☒ M ☐	Distance: <u>Adjacent</u>
MP <u>155.5</u>	KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>
Tenure:		Current Status:	
Plan	Yes ☐ No ☐	Inactive	

STOCKPILE	Date:	Amount:	Cu. Yds.
	Description: Gentle Slope	Tree Cover:	Thick Spruce, Old Burn
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>Kluane</u>		Borrow or Test Site No: <u>255</u>	
Location: <u>MP 156.2</u>	Highway No: <u>4</u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u>156.2</u> Highway Name: <u>Haines Road</u>		Access <u> </u>	
Tenure: Gravel Pit Reserve Plan Yes ☒ No ☐		Current Status: <u>Inactive - Now Tourist Rest Stop</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle Slope</u>	Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Gravel</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: ☐	
SUBSURFACE TEST RESULTS	Date: <u>Dec/64</u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated <u> </u>		Proven <u> </u>	
Remarks: <u> </u>				

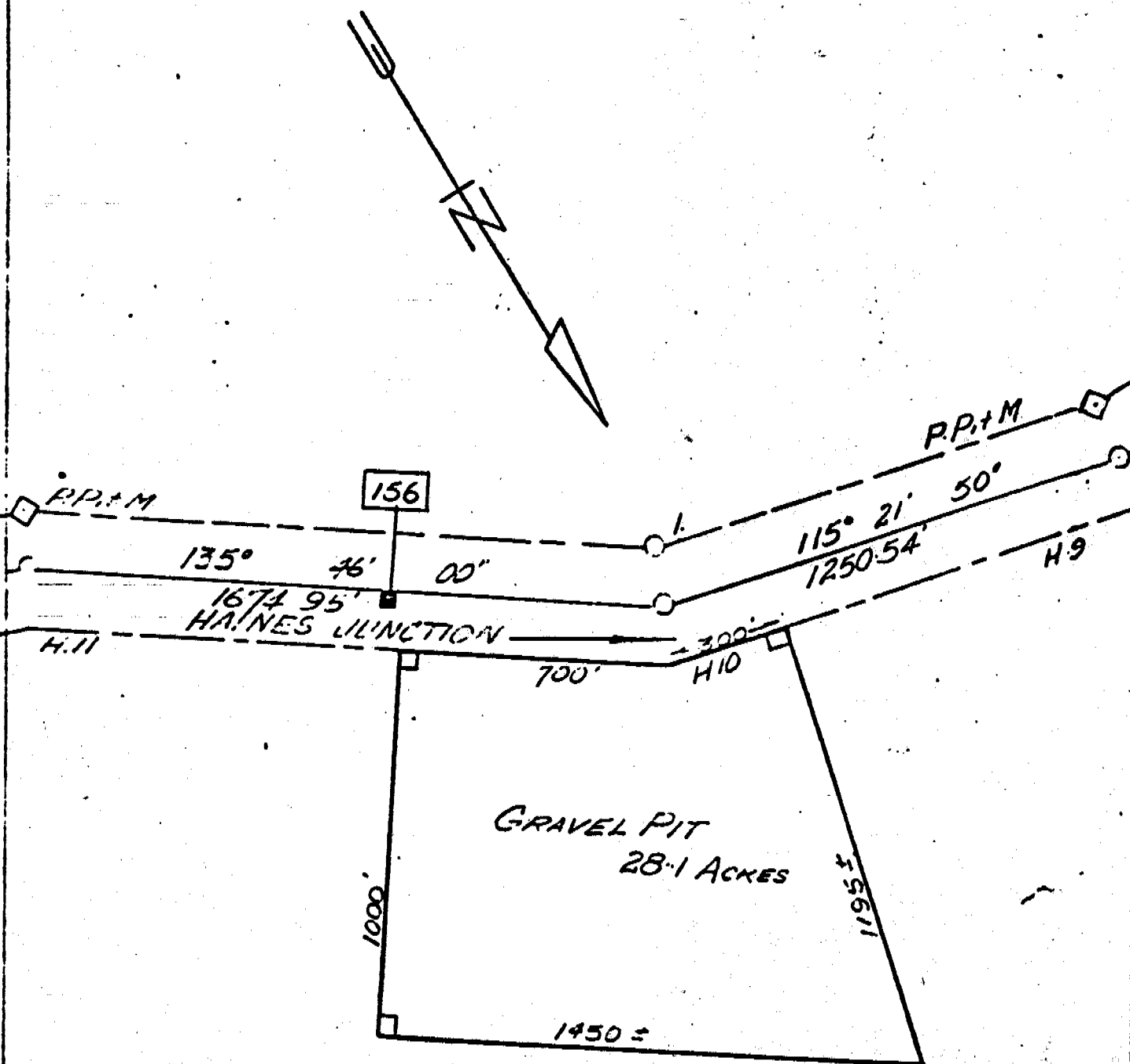
LAB. TEST RESULTS		Los Angeles Abrasion % Loss: <u> </u>		Crush Count: <u> </u>						
Other Tests: <u> </u>										
Grain Size Analysis		% Passing Sieve Size								
Hole No.	Depth	1-1/2"	3/4"	3/8"	No. 4	No. 10	No. 40	No. 200	LL	PI
417		100	83	66	47	31	11	3	--	NP

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

REFERENCE:	<u>Federal Lands Office</u> <u>DPW Materials Inventory, Haines Road Technical Data</u>
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NWHS GRAVEL PIT

MILE 156.1 HAINES ROAD



SCALE 1" = 400'

YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>256</u>	
Location: MP <u>157.7</u>	Highway No: <u>4</u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Haines Road</u>	Access <u> </u>	
Tenure: Plan <u> </u> Yes ☐ No ☐		Current Status: <u>Active</u>	

STOCKPILE SITE TYPE HISTORY	Date: <u>May/77</u>	RHS Crush	Amount: <u>± 3000</u> Cu.Yds.
	Description: <u>Moderate Slope</u>		Tree Cover: <u>Heavy Spruce</u>
	Material: <u>Gravel</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: ☐	<u> </u>
SUBSURFACE TEST RESULTS	Date: <u>Oct/72</u>		Sites Sampled: <u>8 Pits</u>	
	Depth	Max.	Min.	Average
	Overburden	<u>2'</u>	<u>0'</u>	<u> </u>
	Material	<u>14'</u>	<u>6'</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: Limestone - 72%; Granite - 10%; Quartzite - 6%; 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. 9 Pits		96 88 79 71 65 54 40 22 6
Crush - Av. 3 Sites		100 93 76 65 60 50 35 22 7

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

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

R.M. Area:	Kluane	Borrow or Test Site No:	257		
Location:	Highway No:	Side	R ☐ L ☒	Distance:	Adjacent
MP 157.9	KP	Highway Name:	Haines Road	Access	
Tenure:	Gravel Pit Reserve	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:	☐		
Date:	Sites Sampled:						
Depth	Max.	Min.	Average				
Overburden							
Material							
Quantity:(CuYds)	Proven						
Remarks:							

LAB. TEST RESULTS

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

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

Potential
Conflicts

Environmental:
Land Use:

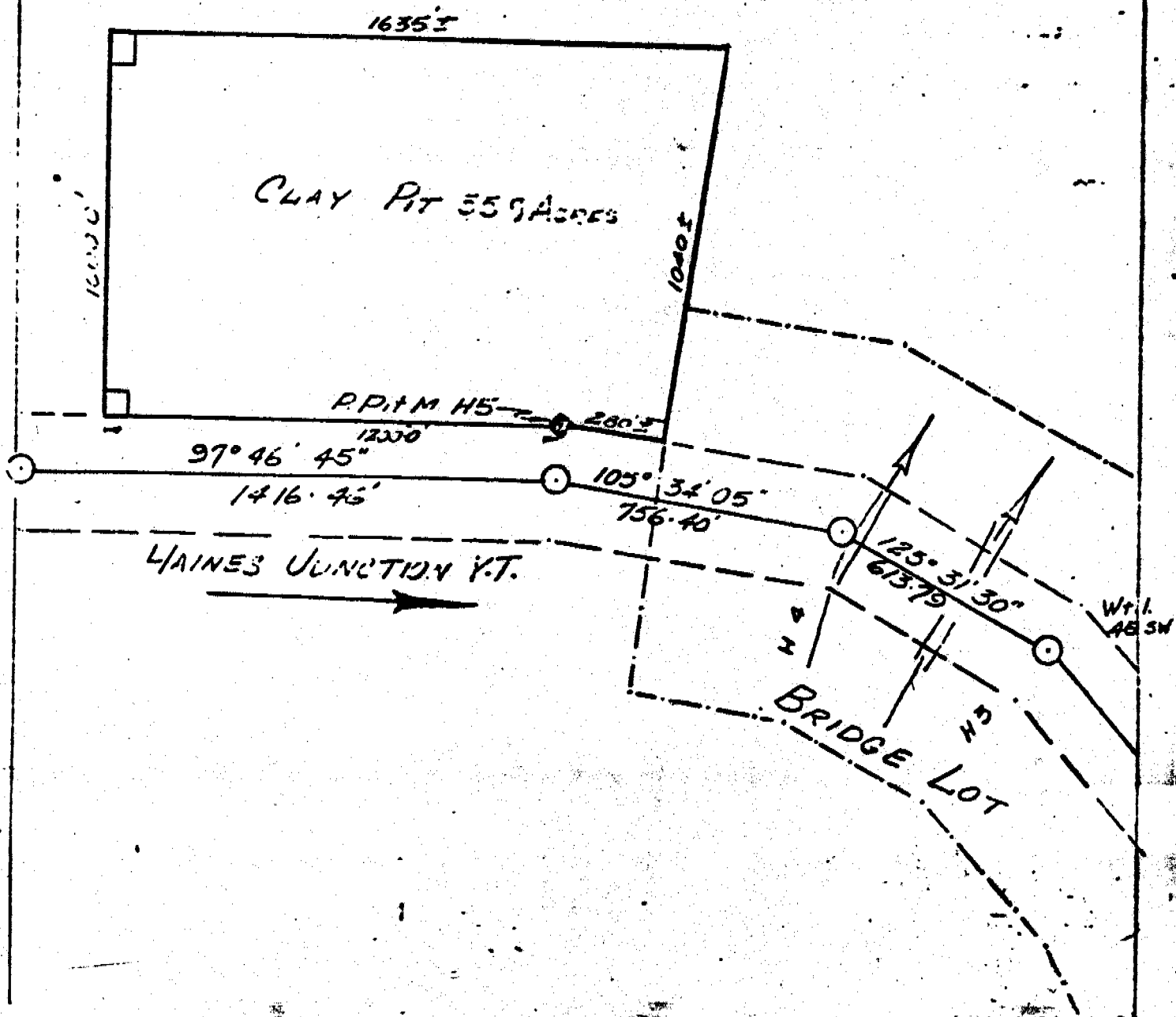
REFERENCE:

Federal Lands Office

NW 1/4 CLAY PIT
MILE 157.9 HAINES ROAD



SCALE 1" = 400'



YUKON GRAVEL INVENTORY

R.H. Area:		Kluane		Borrow or Test Site No: 258	
Location:		Highway No:		Side	R ☒ L ☐
MP	1.7	KP		Highway Name:	Aishihik Road
				Distance:	Adjacent
				Access	Good
Tenure:		Current Status:			
Plan		Yes	☐	No	☐
		Inactive			

STOCKPILE	Date:	Amount:	Cu. Yds.
	Description: Sidehill	Tree Cover: Moderate Spruce	
SITE	Material: Clay, Sand, Silt		Deposit:
TYPE	Past Use: Borrow - Wagga Creek Culvert	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.H. Area: Kluane		Borrow or Test Site No: 259	
Location: MP 3.5	Highway No:	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Aishihik Road	Access	
Tenure: P1m		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Gently Rolling	Tree Cover: Light Poplar, Spruce
	Material: Silty 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:	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		Kluane	Borrow or Test Site No: 260	
Location:	Highway No:	Side	R ☒ L ☐	Distance: Adjacent
MP 3.8	KP	Highway Name: Aishihik Road		Access
Tenure:		Current Status:		
Plan		Yes ☐ No ☐ Inactive		

STOCKPILE SITE TYPE HISTORY	Date:	Amount:	Cu.Yds.
	Description: Gently Rolling	Tree Cover: Mod. Spruce, Poplar	
	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: ☐	
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.M. Area: Kluane		Borrow or Test Site No: 261	
Location: MP 4.8	Highway No: []	Side R ☐ L ☐	Distance adjacent []
KP []	Highway Name: Aishihik Road	Access	Good
Tenure: Plan		Current Status:	Inactive
Yes [] No []			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Gentle Sidehill		Tree Cover: Light Poplar
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>Kluane</u>		Borrow or Test Site No: <u>262</u>	
Location: <u>MP 5.2</u>	Highway No: <u> </u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Aishihik Road</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>Flat</u>	Tree Cover: <u>Mod. Spruce, 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>
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> </u>
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YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 263	
Location: MP 5.6	Highway No:	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Aishihik Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

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

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

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

Potential Conflicts	Environmental:
	Land Use:

REFERENCE:	
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YUKON GRAVEL INVENTORY

R.H. Area: <u>Kluane</u>		Borrow or Test Site No: <u>264</u>	
Location: <u>MP 6.4</u>	Highway No: <u> </u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Aishihik Road</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>Flat</u>	Tree Cover: <u>Light Poplar, Spru</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	% 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: Kluane		Borrow or Test Site No: 265	
Location: MP 7.1	Highway No: KP	Side R ☐ L ☐	Distance: Adjacent
Highway Name: Aishihik Road		Access: Good	
Tenure: Plan		Current Status: Yes ☐ No ☐	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Flat	Tree Cover: Thick Spruce
	Material: Silty 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.M. Area: Kluane		Borrow or Test Site No: 266	
Location: MP 8.8	Highway No:	Side R ☐ L ☒	Distance: Adjacent
KP	Highway Name: Aishihik Road	Access	
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu.Yds.
	Description: Flat - Steep Sidehill	Tree Cover: Mod. Spruce - Open	
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: <u>Kluane</u>		Borrow or Test Site No: <u>267</u>	
Location: <u>MP 9.1</u>	Highway No: <u> </u>	Side <u>R</u> ☐ <u>L</u> ☐	Distance: <u>Adjacent</u>
MP <u>9.1</u>	KP <u> </u>	Highway Name: <u>Aishihik Road</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>Mod. Spruce, Poplar</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: ☐	
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:	<u> </u>
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YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 268	
Location: MP 9.2	Highway No: []	Side R ☒ L ☐	Distance Adjacent
KP []	Highway Name: Aishihik Road	Access []	
Tenure: Plan		Current Status: Inactive	
Yes [] No []			

STOCKPILE SITE TYPE	Date:	Amount:	Cu.Yds.
	Description: Flat	Tree Cover: Heavy Spruce	
HISTORY	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							
Remarks:								

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.H. Area: Kluane		Borrow or Test Site No: 269	
Location: MP 10.4	Highway No:	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Aishihik Road	Access	
Tenure: Plan Yes ☐ No ☐		Current Status: Inactive	

STOCKPILE SITE TYPE HISTORY	Date:	Amount: Cu.Yds.
	Description: Knoll	Tree Cover: Light Poplar, Spruce
	Material: Gravel	Deposit:
	Past Use: Borrow	Date:
	Performance Rating:	Amount Used:
Remarks:		

TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
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:	Kluane	Borrow or Test Site No:	270
Location:	Highway No:	Side	R ☐ L ☒
MP 10.8	KP	Highway Name:	Aishihik Road
Tenure:	Distance:	Access:	Adjacent
Plan	Yes ☐ No ☐	Current Status:	Inactive

STOCKPILE SITE TYPE HISTORY	Date:	Amount:	Cu.Yds.	
	Description:	Flat	Tree Cover:	Light Poplar
	Material:	Gravel	Deposit:	
	Past Use:	Borrow = NCPC Aishihik	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.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>271</u>	
Location: <u>MP 11.0</u>	Highway No: <u> </u>	Side R ☒ L ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Aishihik Road</u>		Access <u> </u>
Tenure: Plan <u> </u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Gentle Sidehill</u>	Tree Cover: <u>Mod. Poplar</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	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>Kluane</u>		Borrow or Test Site No: <u>272</u>	
Location: MP <u>13.0</u>	Highway No: <u> </u>	Side R ☒ L ☐	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Aishihik Road</u>	Access <u> </u>	
Tenure: Plan Yes ☐ No ☐		Current Status: <u> </u>	

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

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

[illegible]

Potential Conflicts	Environmental:
	Land Use:

REFERENCE :

YUKON GRAVEL INVENTORY

R.M. Area: Kluane		Borrow or Test Site No: 273	
Location: MP 15.2	Highway No:	Side R ☒ L ☐	Distance: Adjacent
KP	Highway Name: Aishihik Road	Access	Good
Tenure: Plan		Current Status: Inactive	
Yes ☐ No ☐			

STOCKPILE	Date:	Amount:	Cu. Yds
	Description: Gentle Slope		Tree Cover: Heavy Spruce
SITE	Material: Clay		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.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>274</u>	
Location: MP <u>15.7</u>	Highway No: <u> </u>	Side R ☒ L ☒	Distance: <u>Adjacent</u>
KP <u> </u>	Highway Name: <u>Aishihik Road</u>	Access: <u>Good</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 - Mod. Slope</u>	Tree Cover: <u>Mod. Spruce, Poplar</u>
	Material: <u>Clay</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

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:	<u> </u>
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YUKON GRAVEL INVENTORY

R.M. Area: <u>Kluane</u>		Borrow or Test Site No: <u>275</u>	
Location: <u>MP 16.5</u>	Highway No: <u> </u>	Side <u>R</u> ☒ <u>L</u> ☐	Distance: <u>Adjacent</u>
KP <u> </u> Highway Name: <u>Aishihik Road</u>		Access <u> </u>	
Tenure: <u>Plan</u>		Current Status: <u>Inactive</u>	
Yes ☐ No ☐			

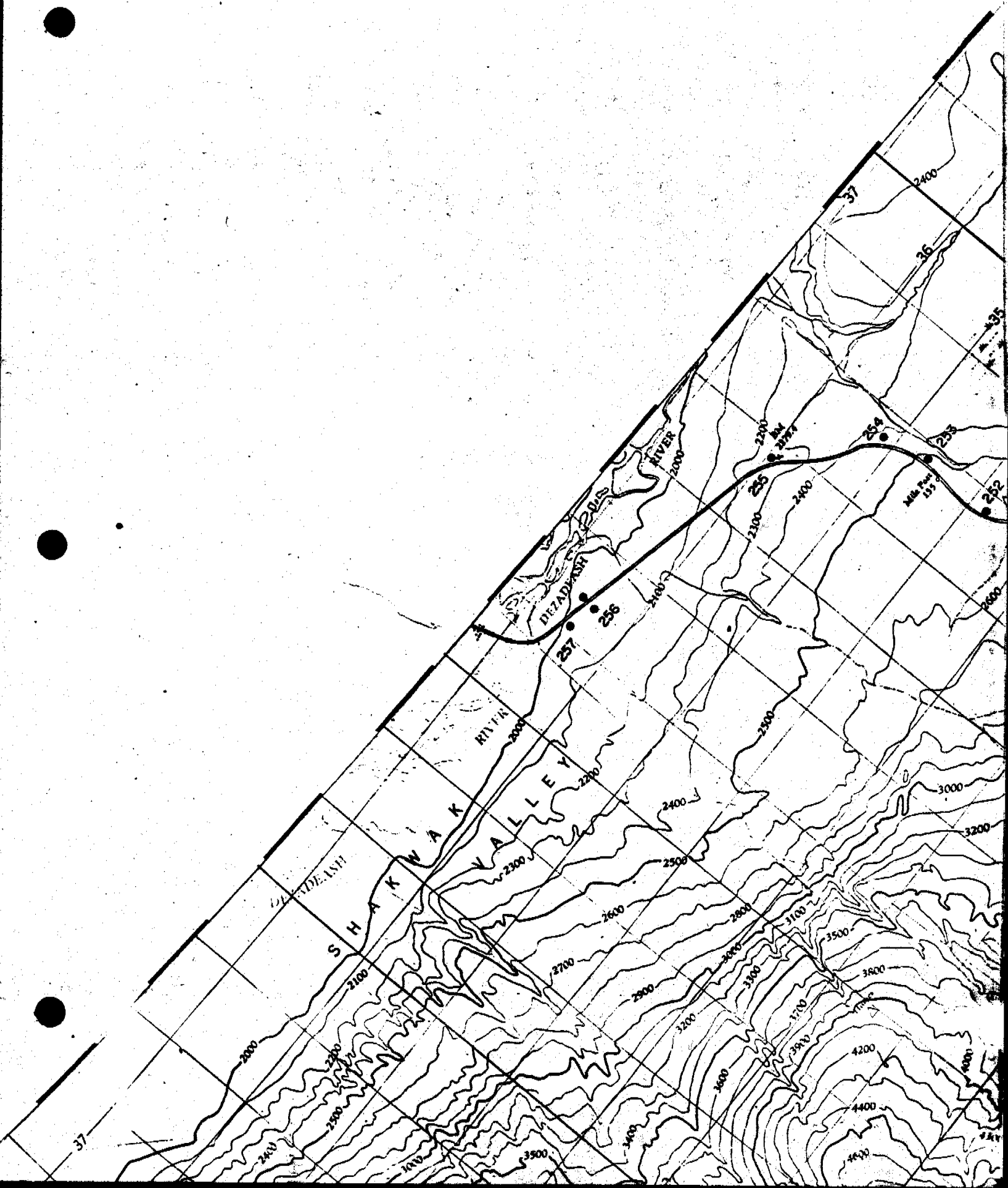
STOCKPILE SITE TYPE HISTORY	Date: <u> </u>	Amount: <u> </u> Cu.Yds.
	Description: <u>Knoll</u>	Tree Cover: <u>Small Bush</u>
	Material: <u>Clay</u>	Deposit: <u> </u>
	Past Use: <u>Borrow</u>	Date: <u> </u>
	Performance Rating: <u> </u>	Amount Used: <u> </u>
Remarks: <u> </u>		

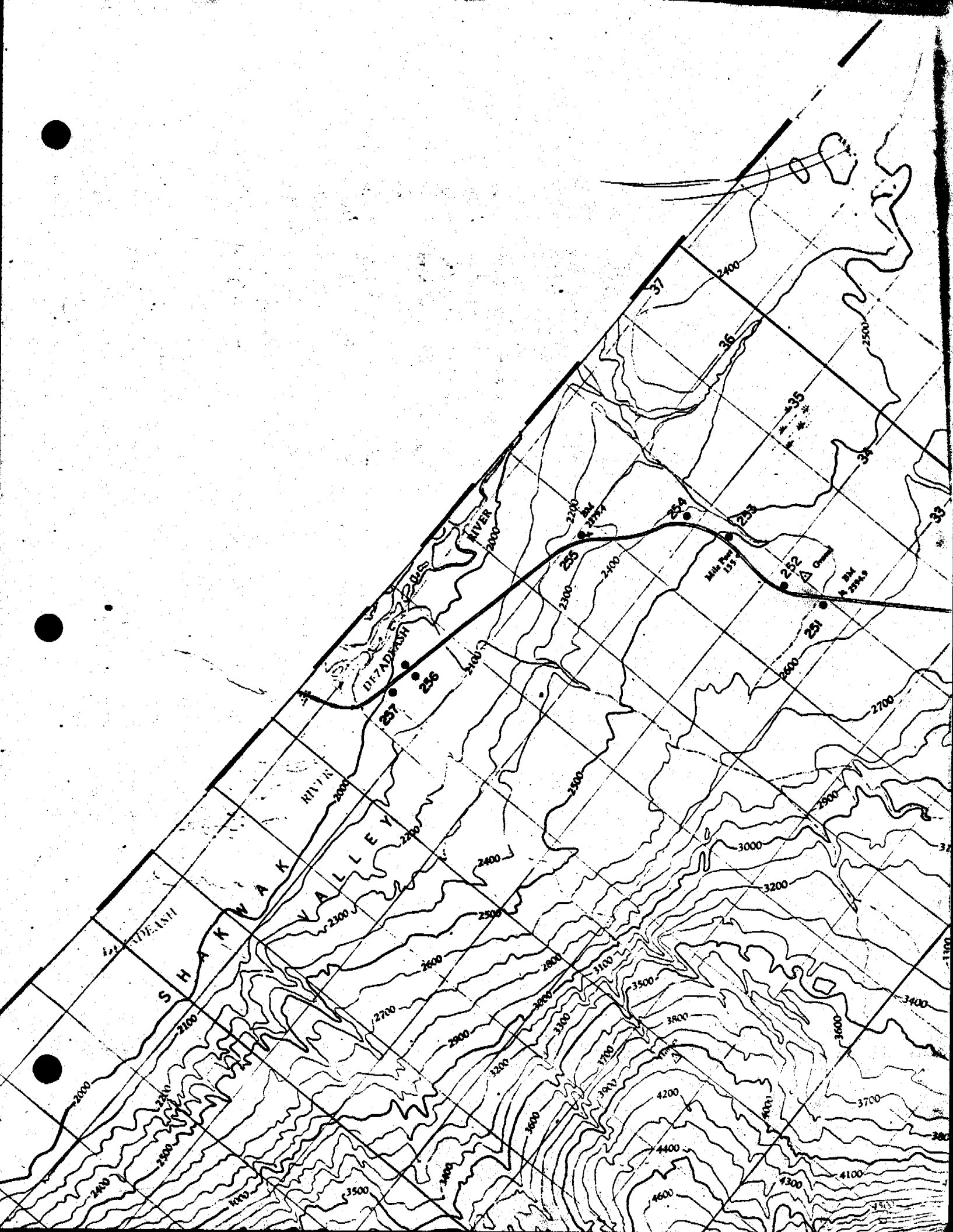
TEST SUMMARY	Augered ☐	Pitted ☐	Trenched ☐	Not Indicated ☐
	Lab. Test ☐	Sketch (Plan) ☐	Crushed: ☐	
SUBSURFACE TEST RESULTS	Date: <u> </u>		Sites Sampled: <u> </u>	
	Depth	Max.	Min.	Average
	Overburden			
	Material			
	Quantity (CuYds) Estimated		Proven	
	Remarks: <u> </u>			

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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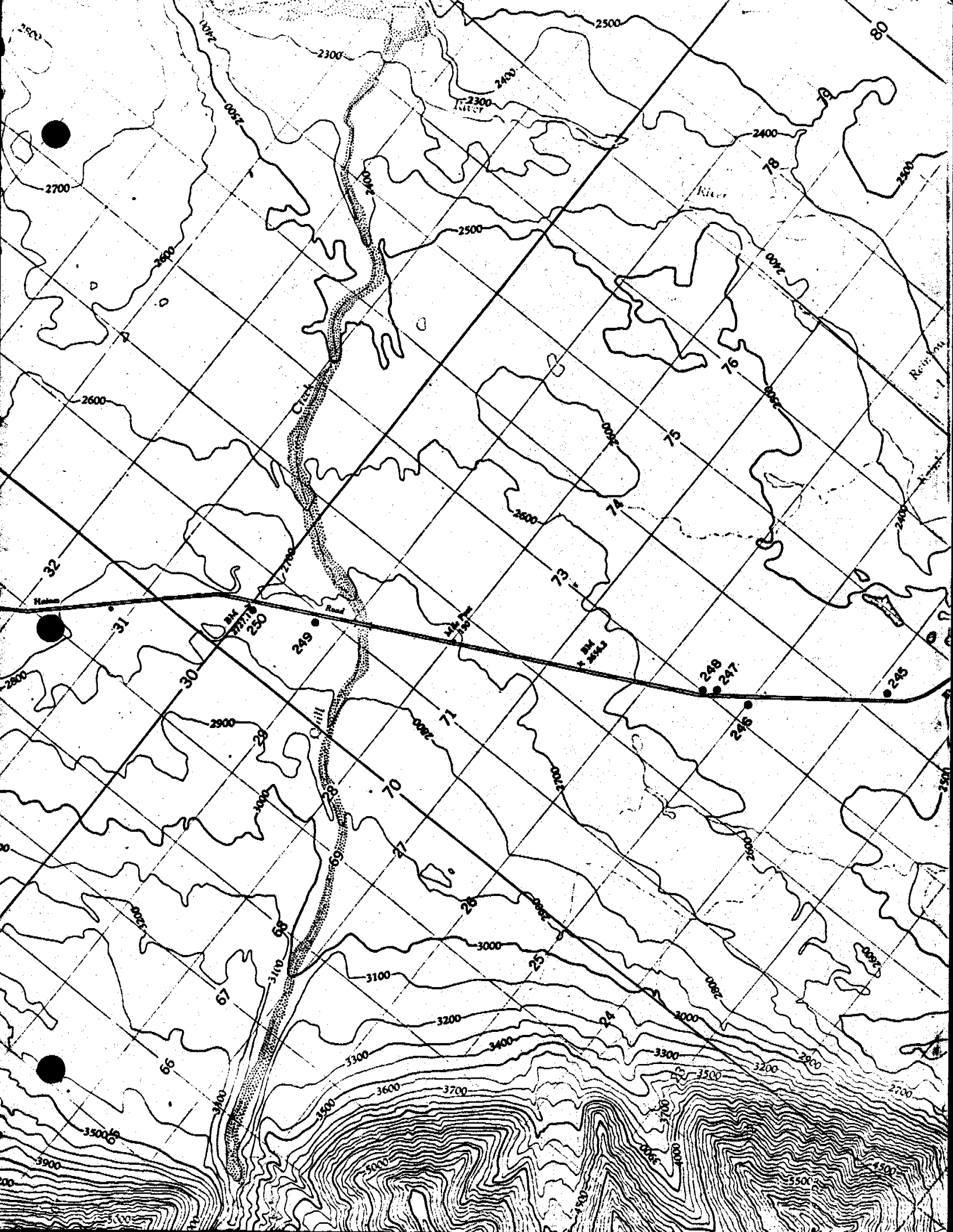
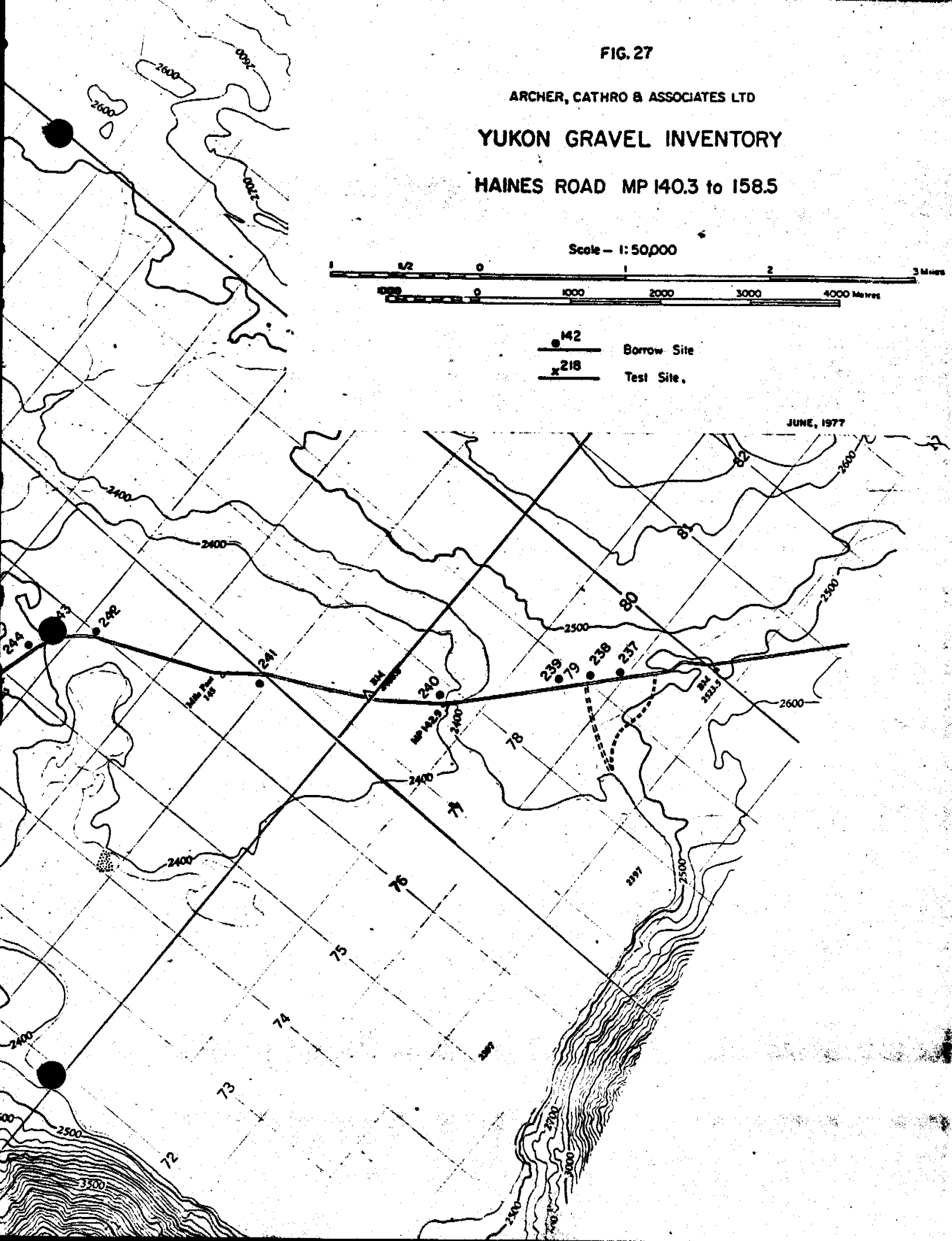


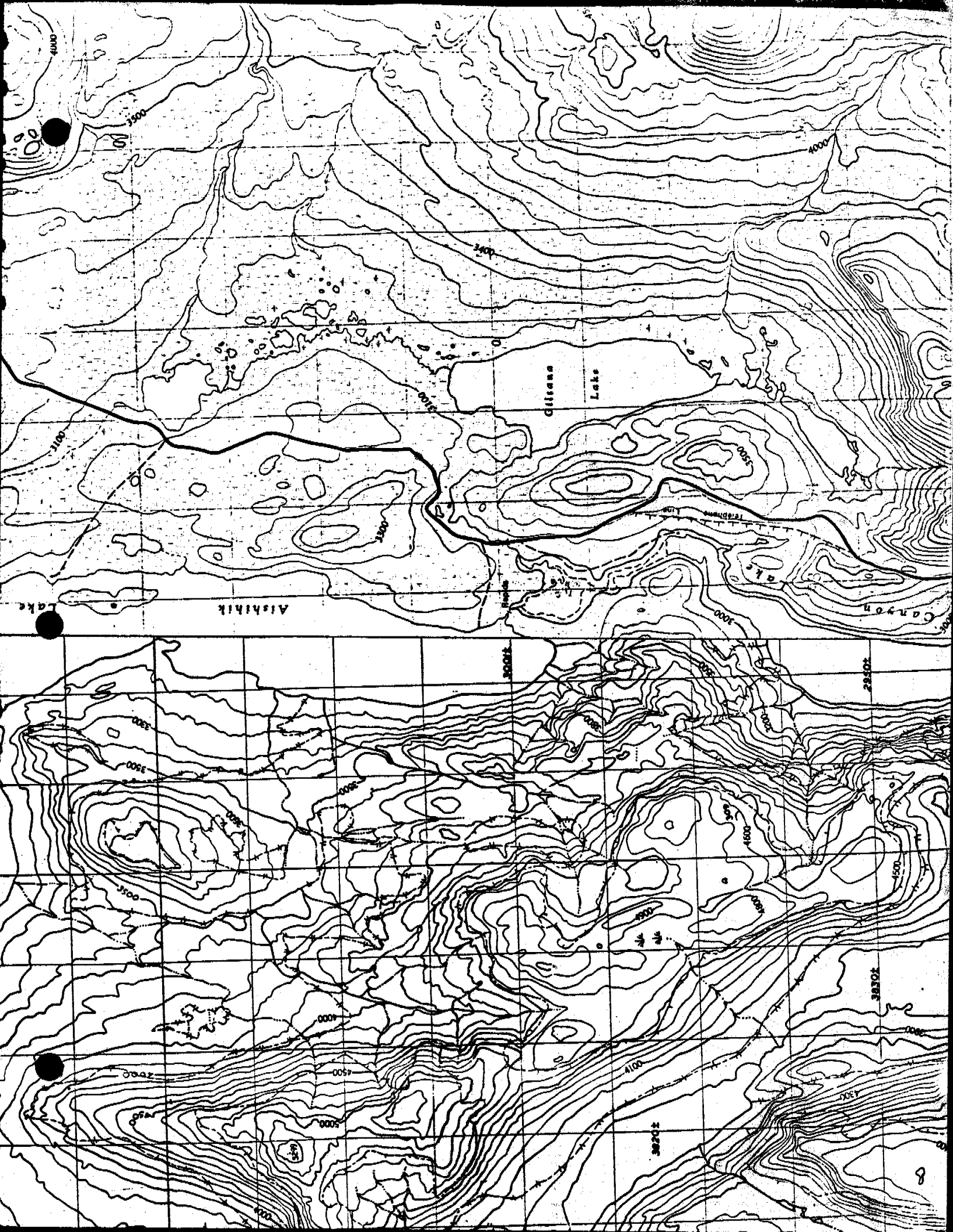
FIG. 27

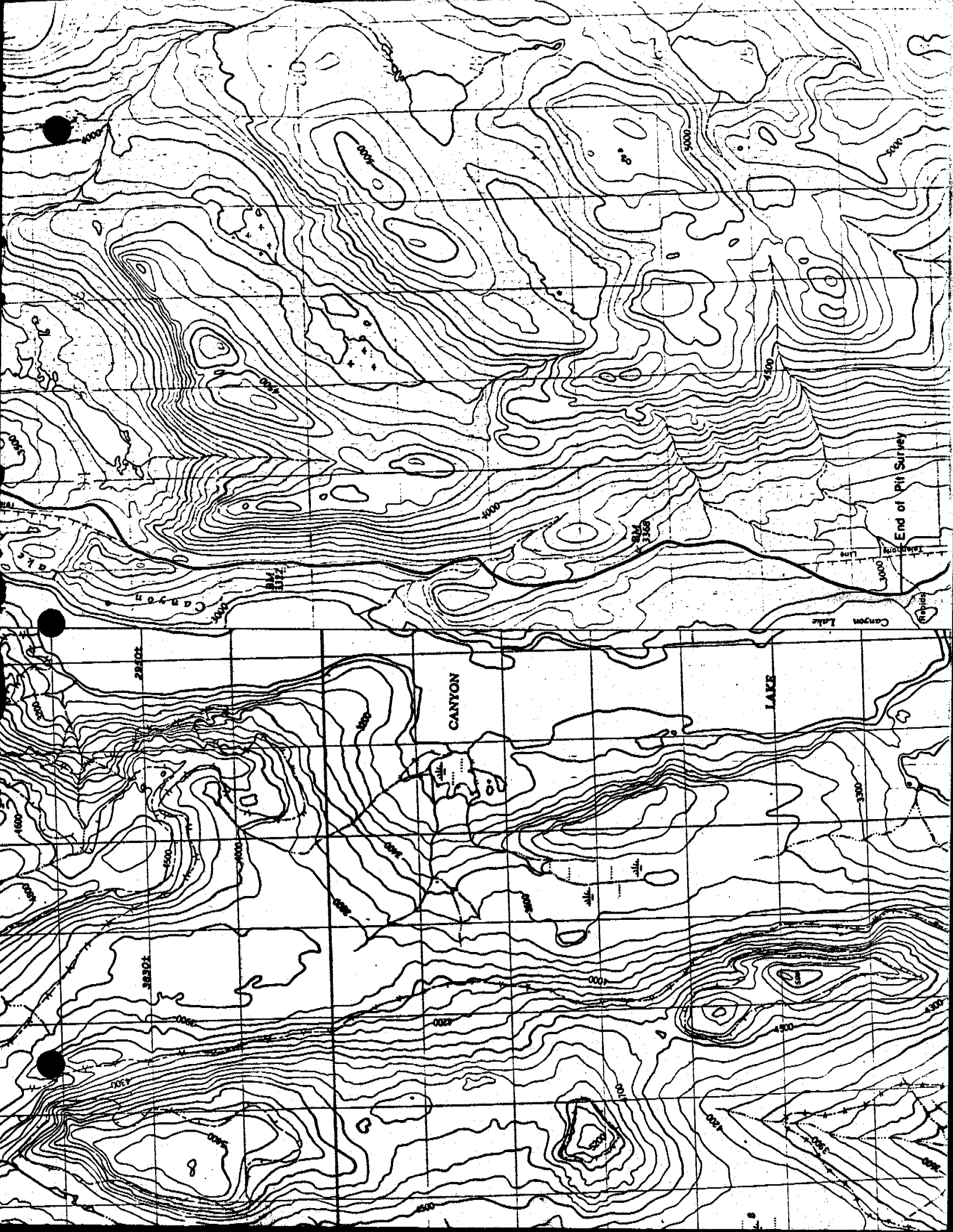
ARCHER, CATHRO & ASSOCIATES LTD

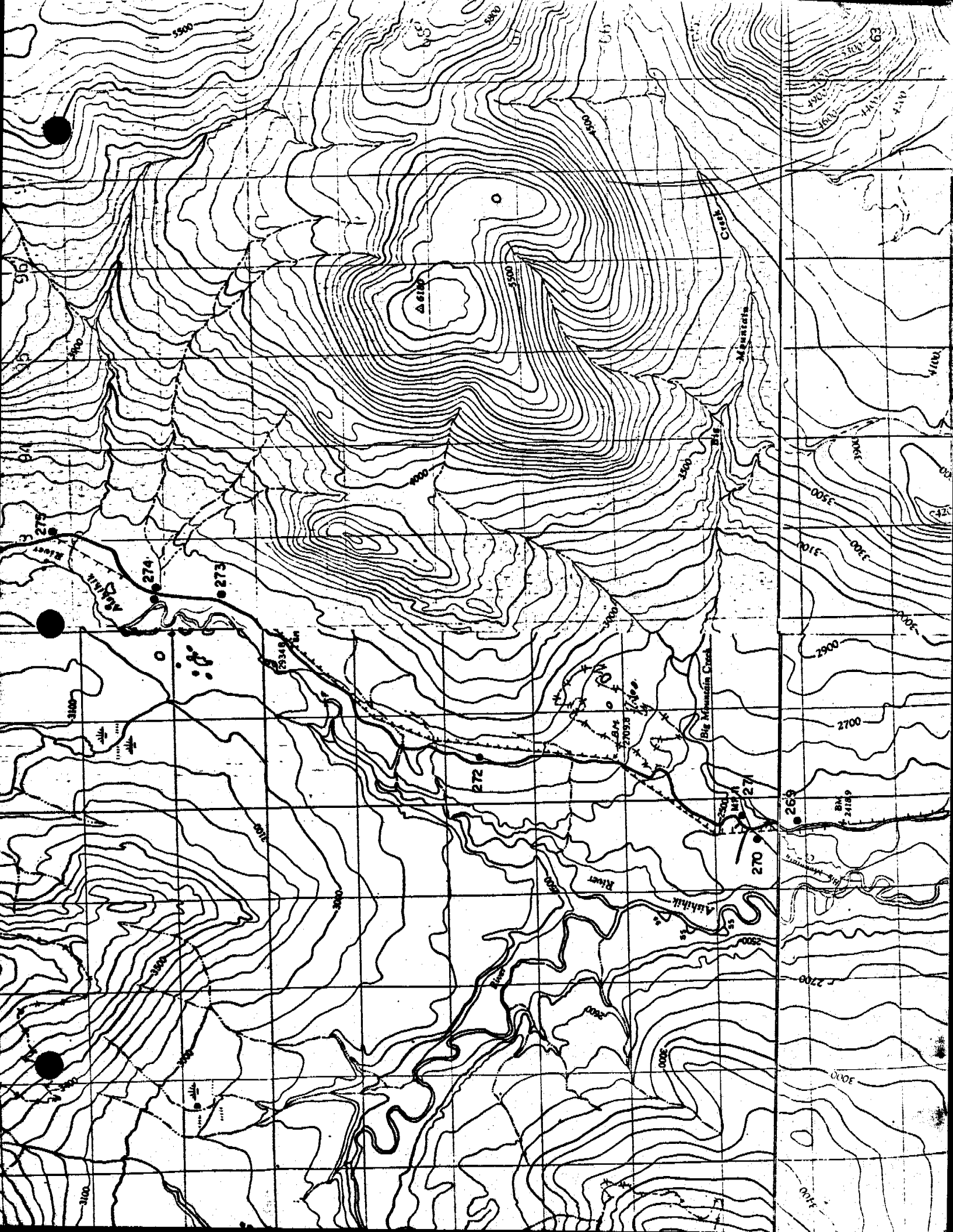
YUKON GRAVEL INVENTORY

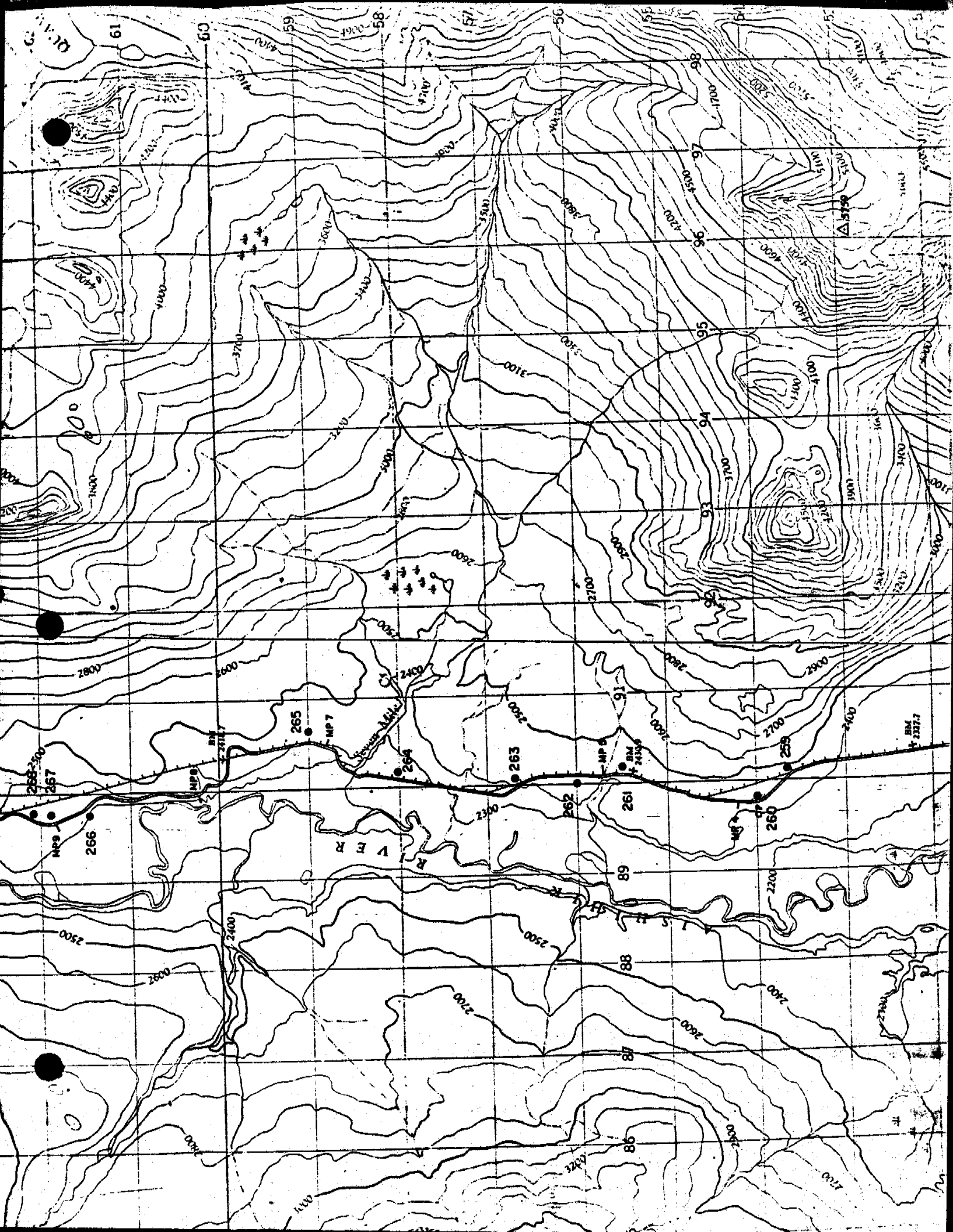
HAINES ROAD MP 140.3 to 158.5

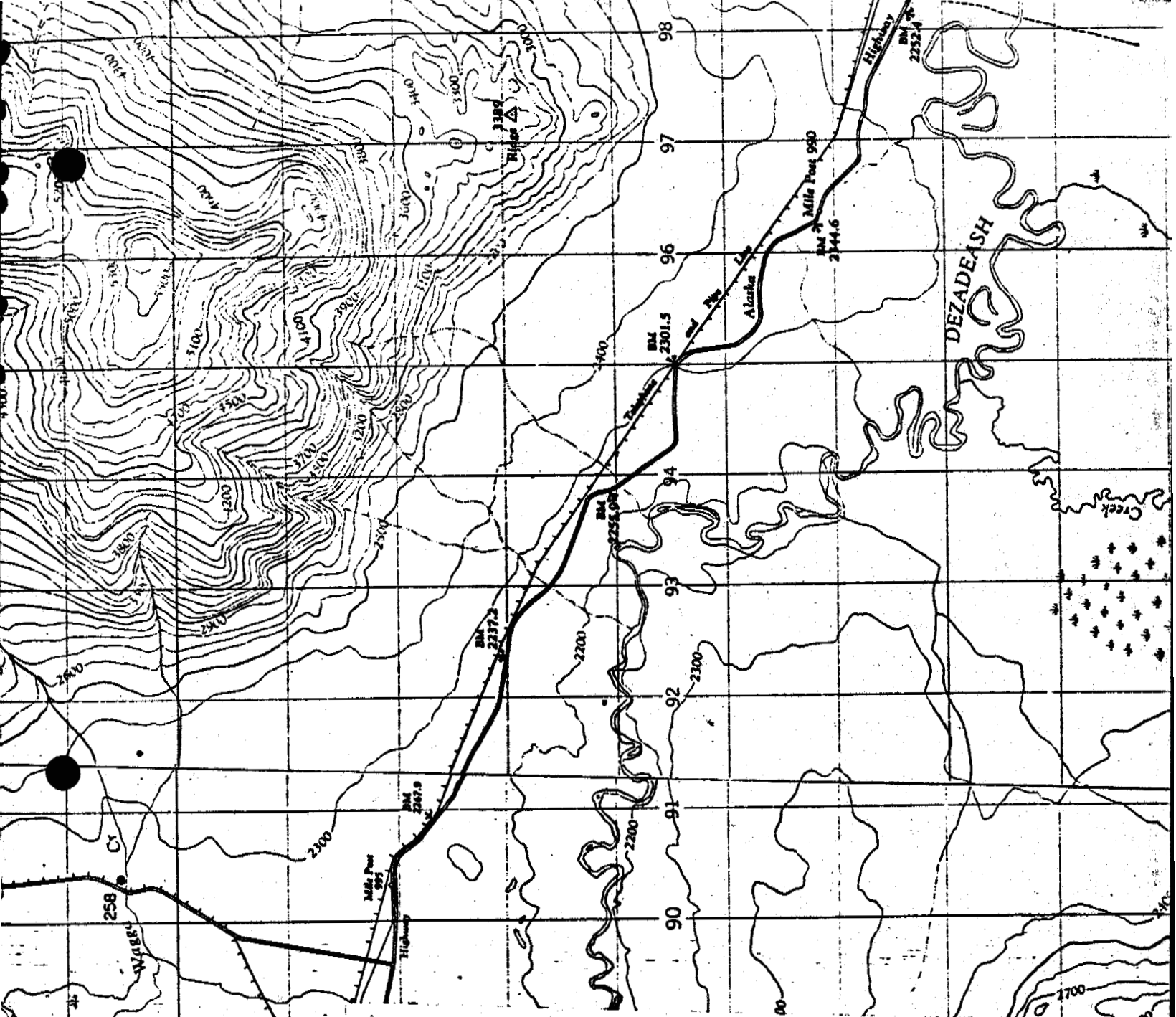


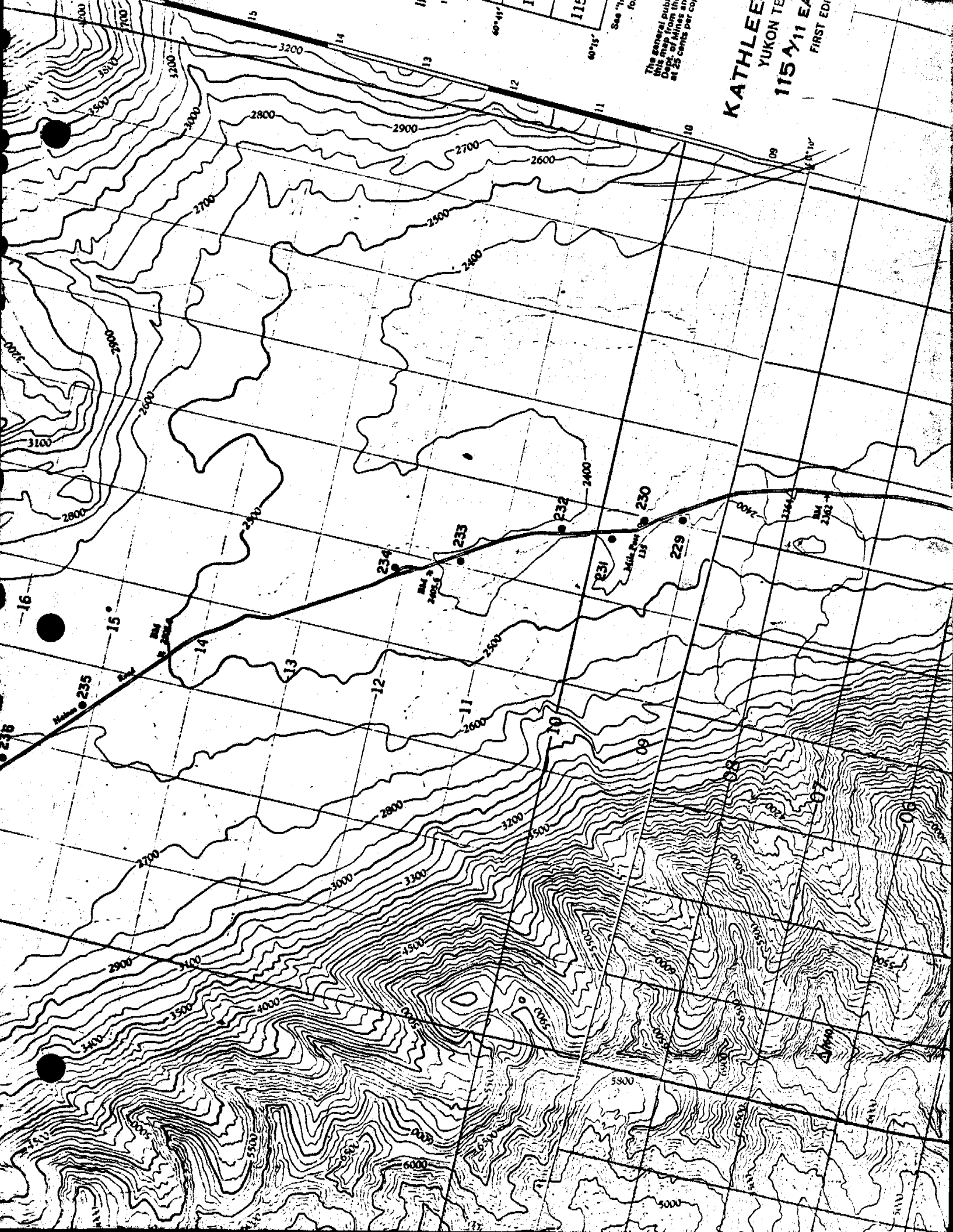


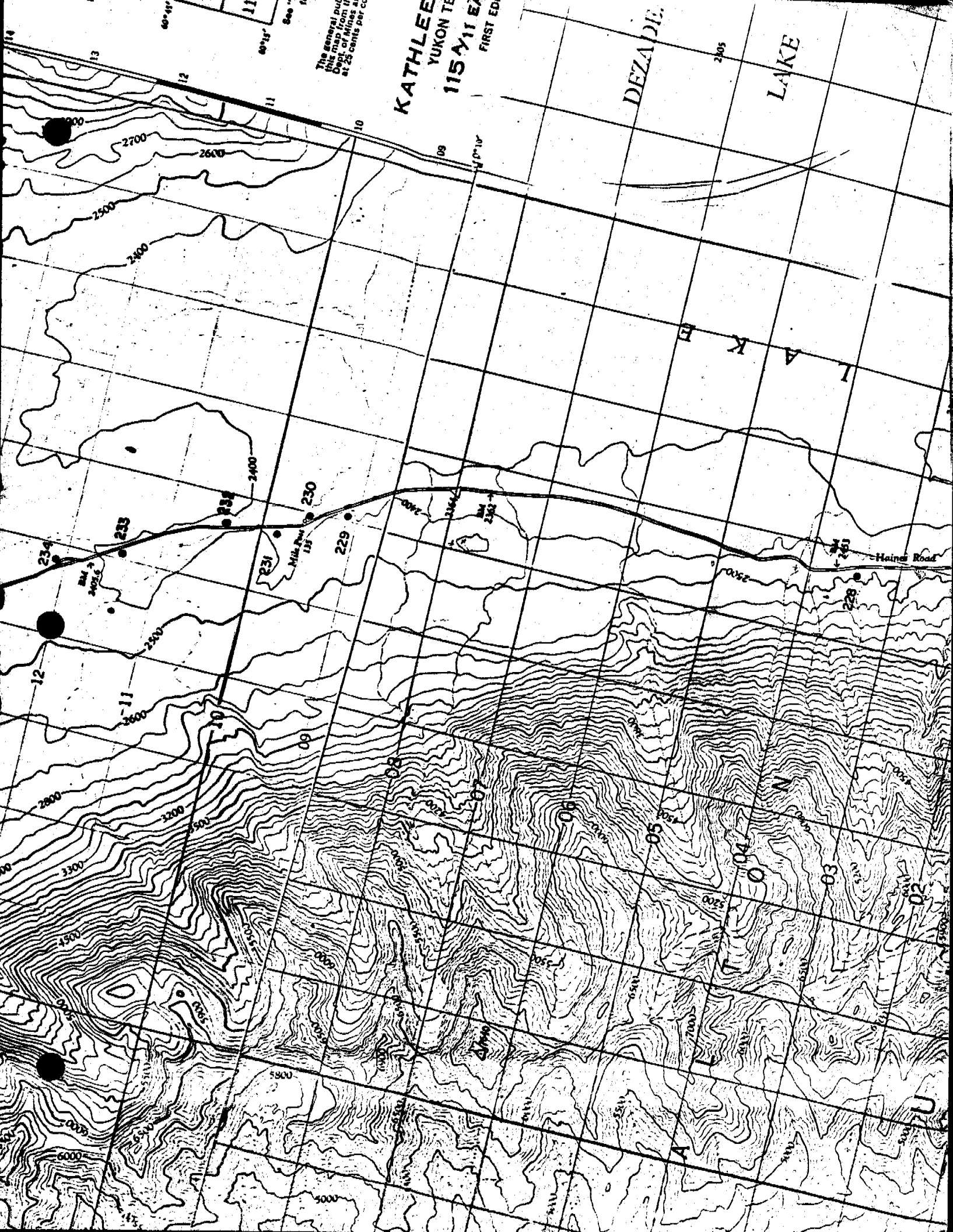


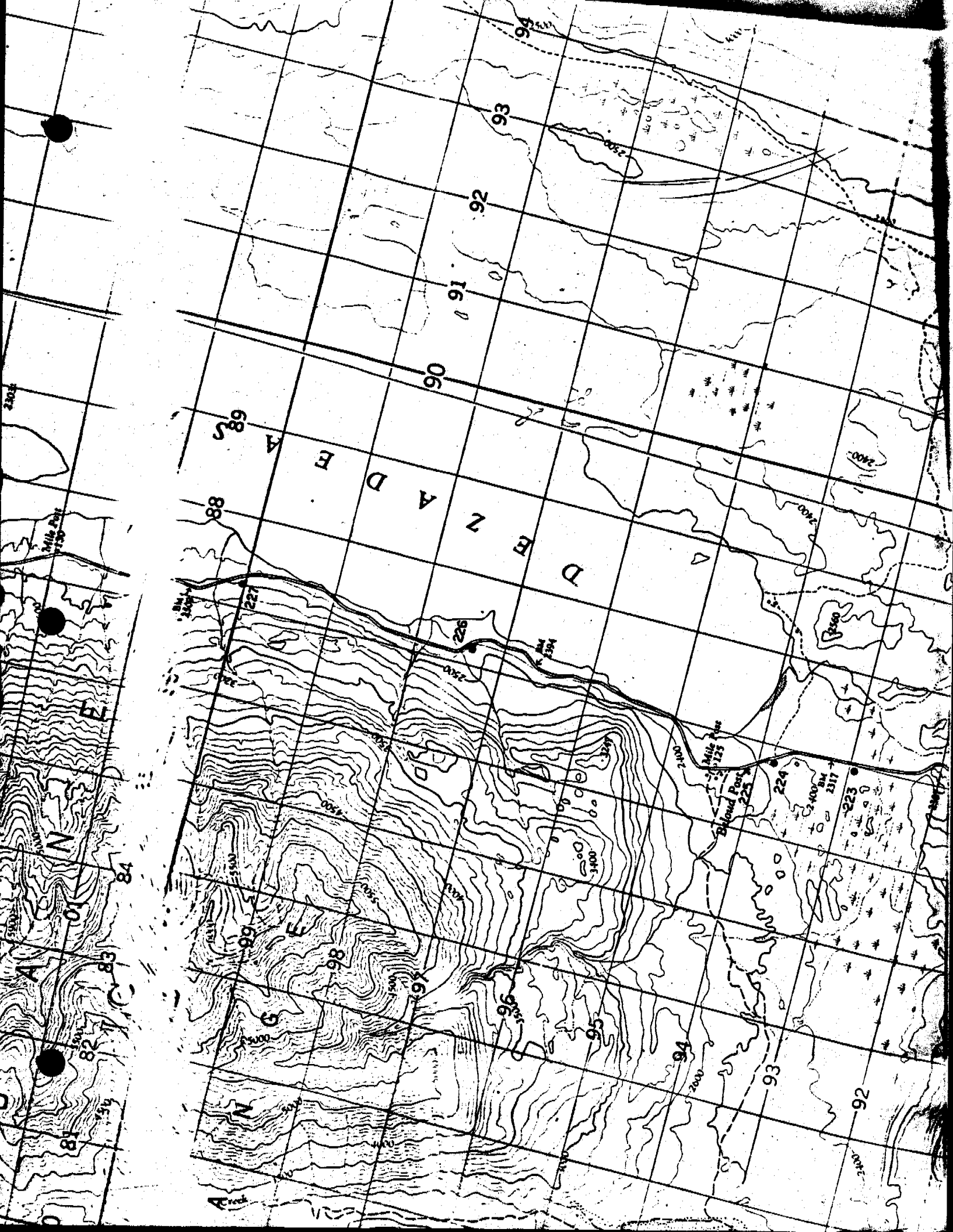


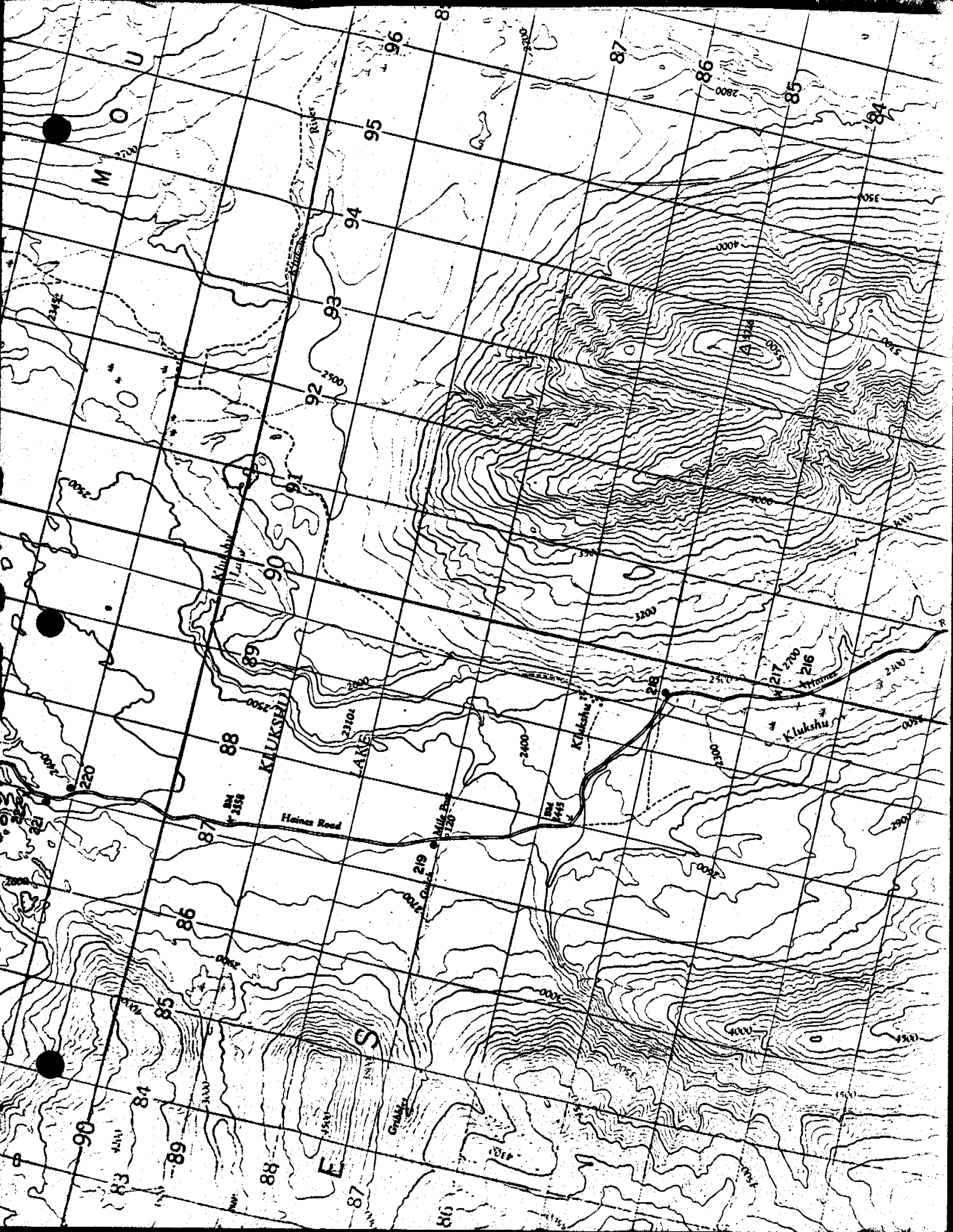


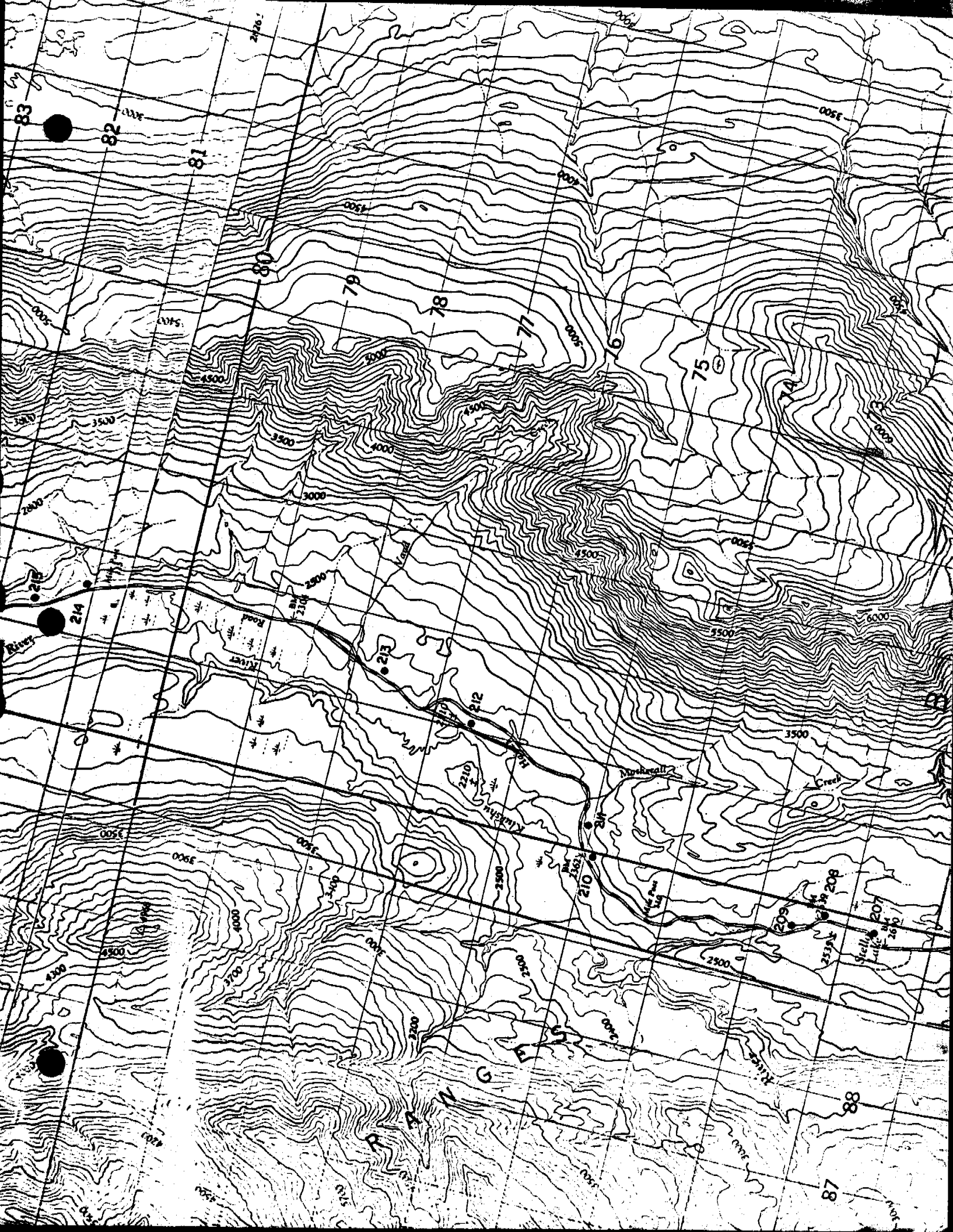


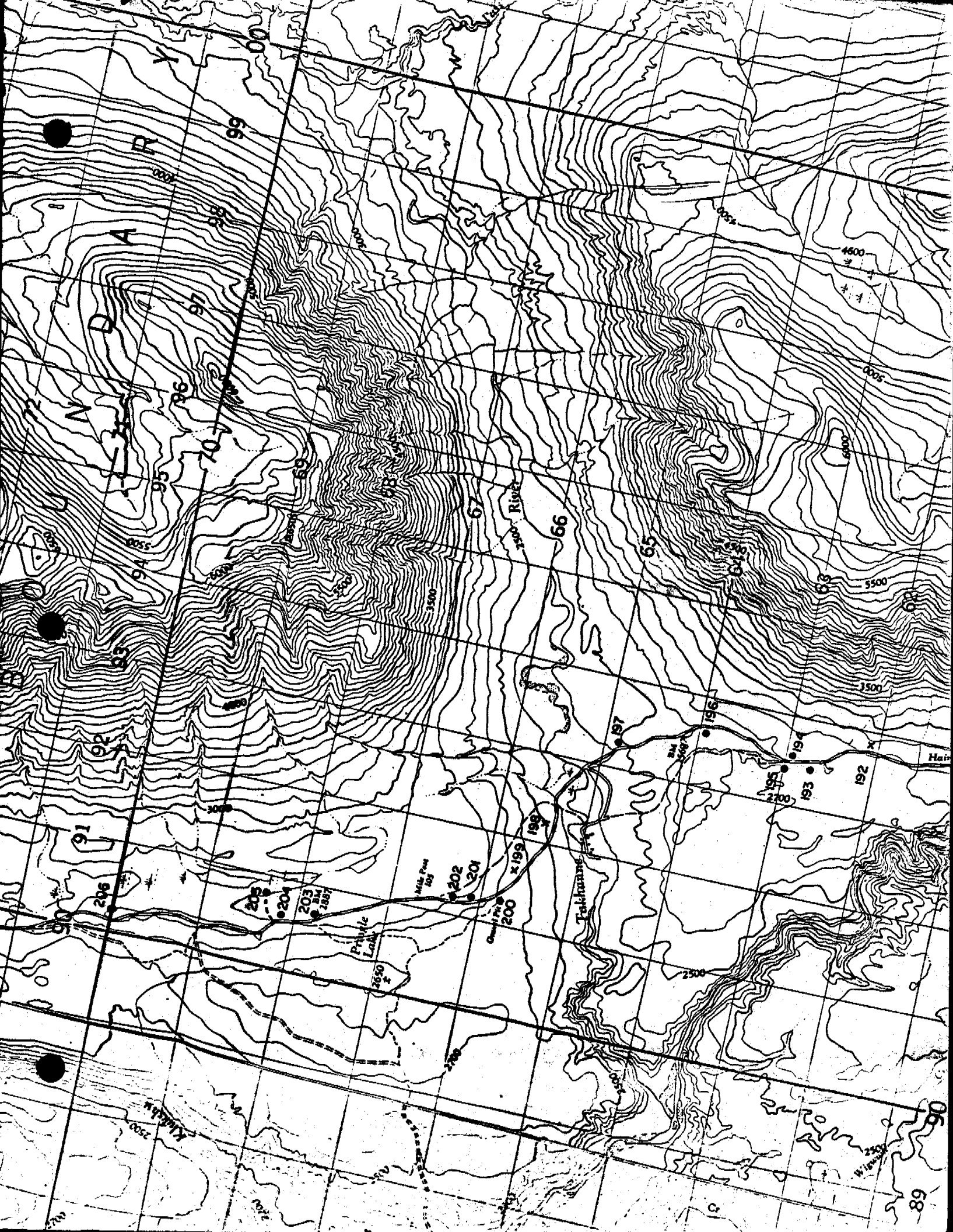


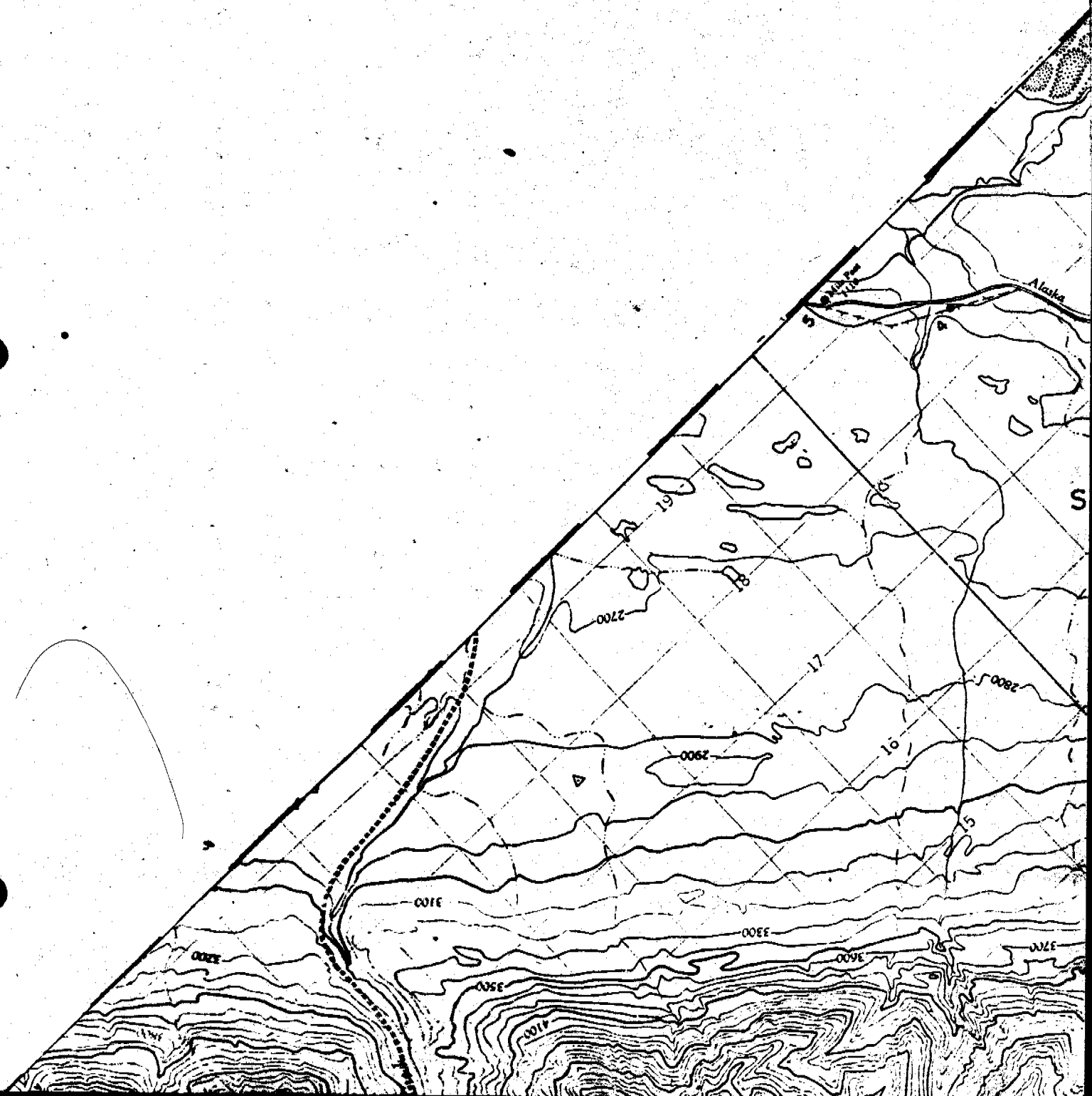


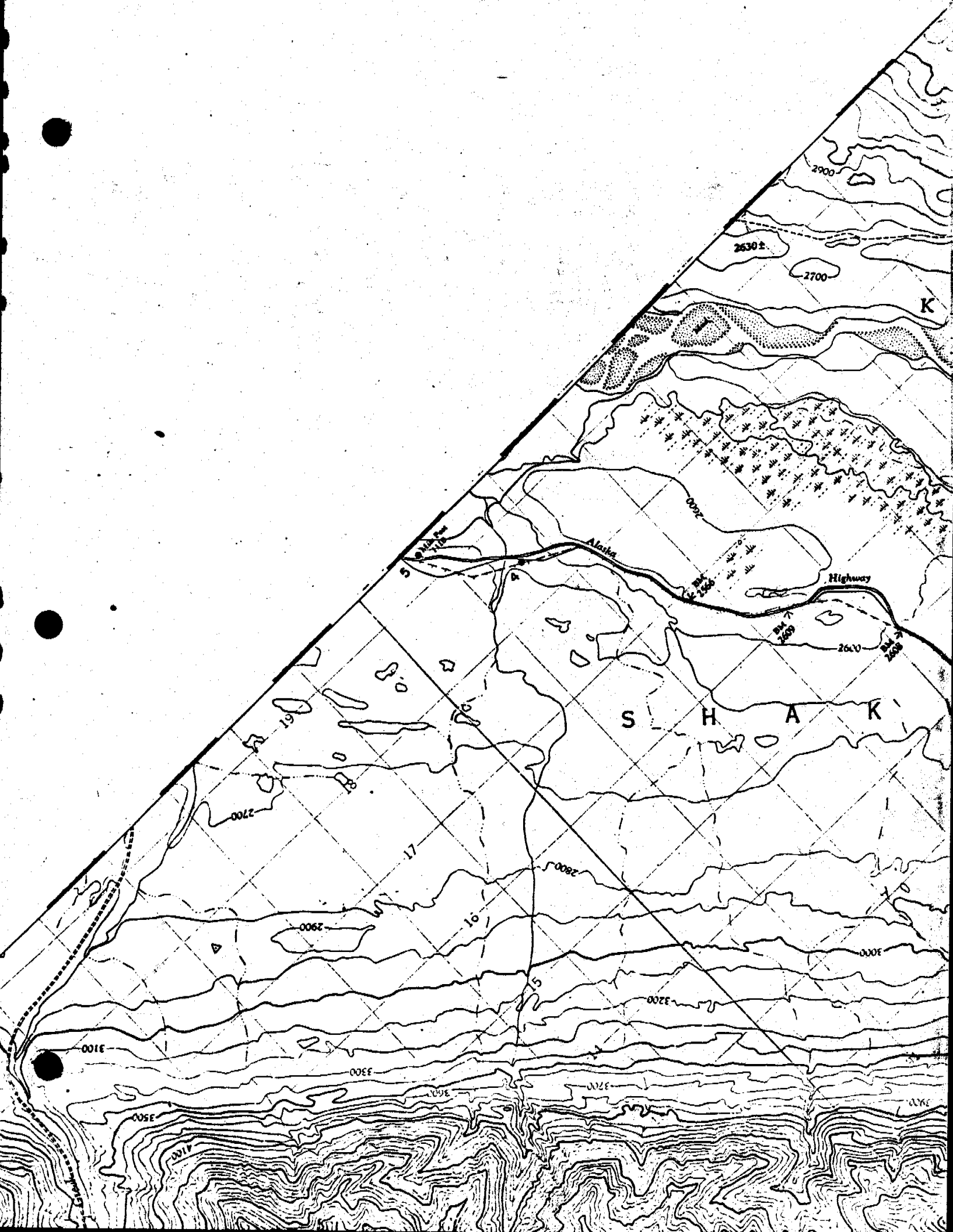


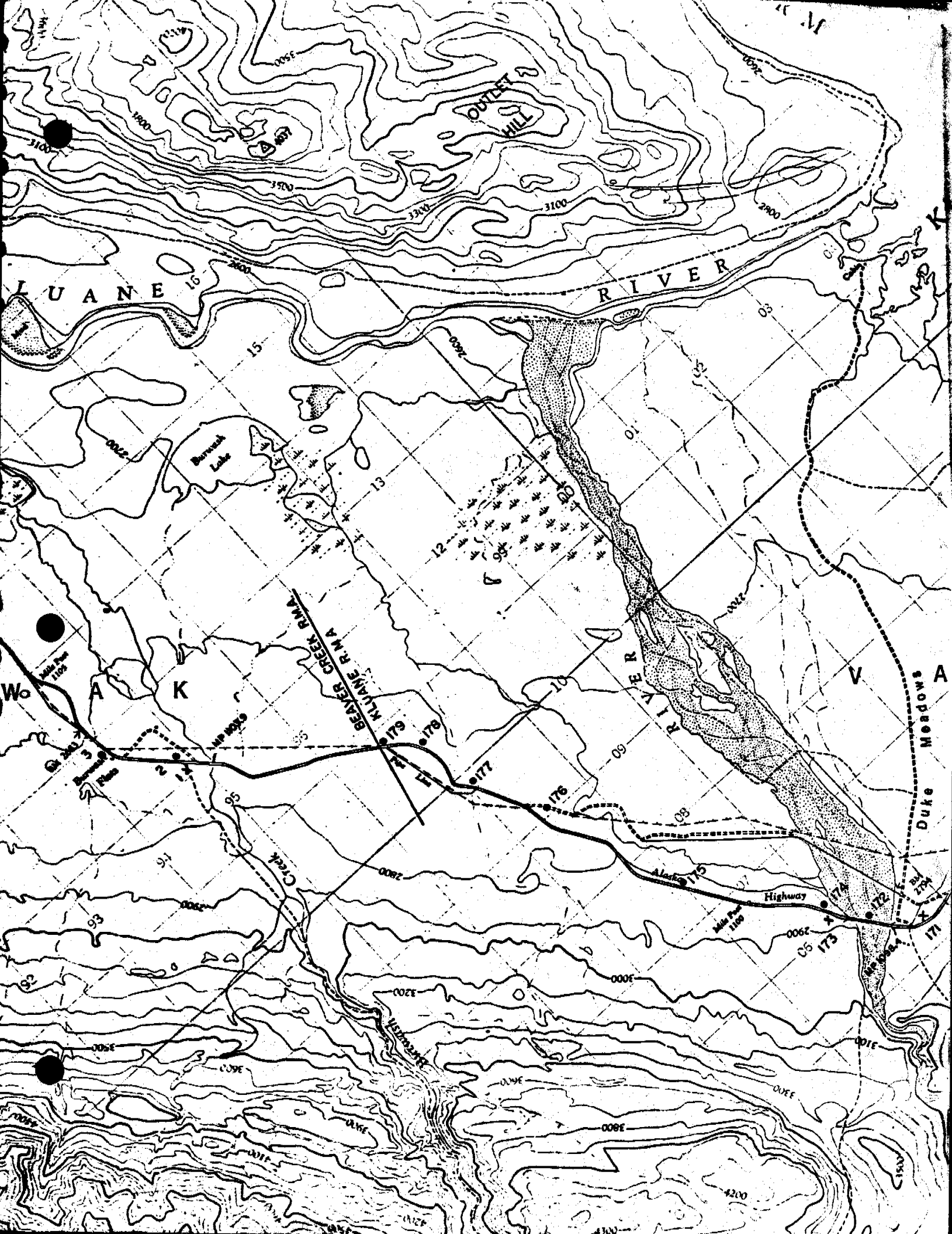


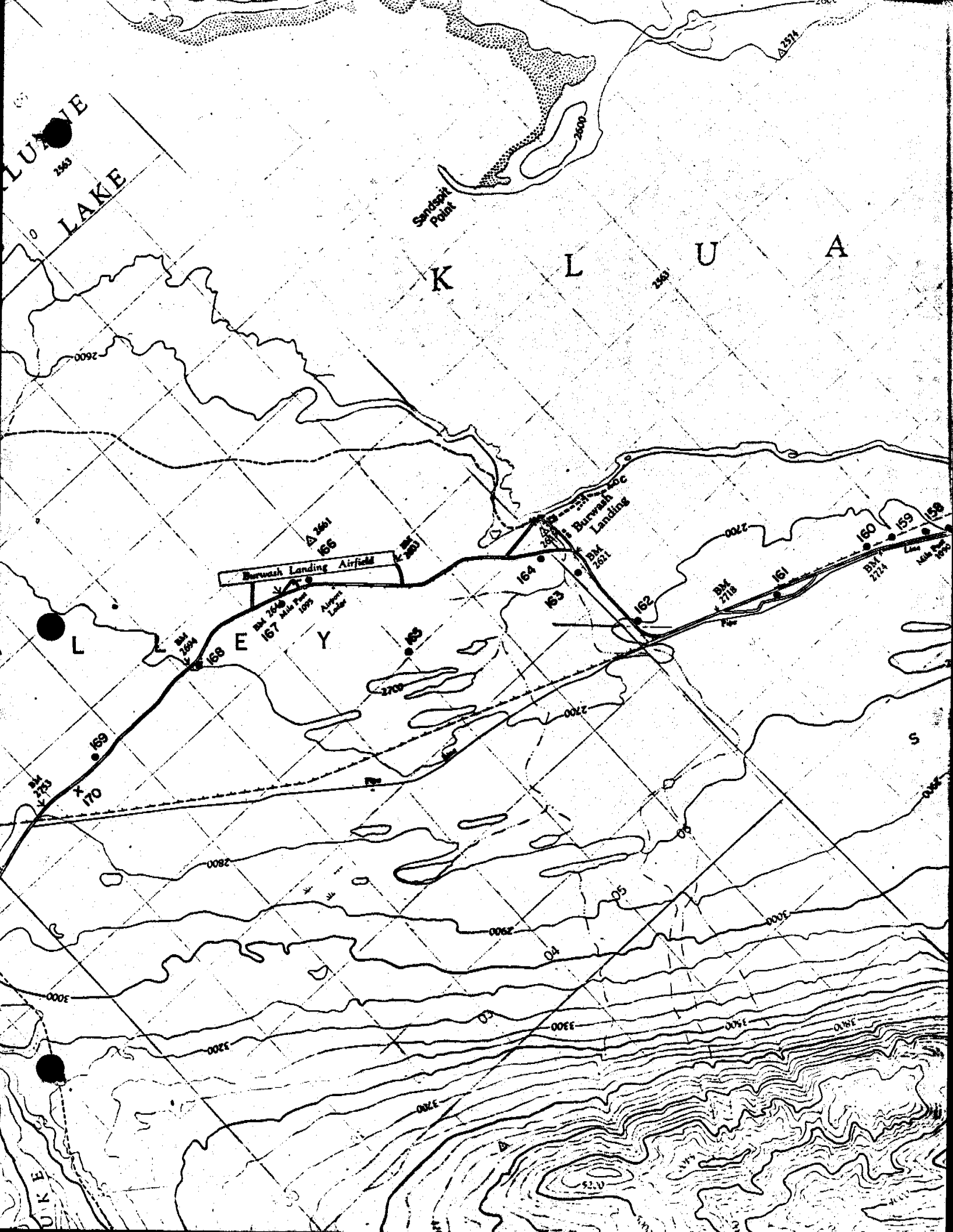


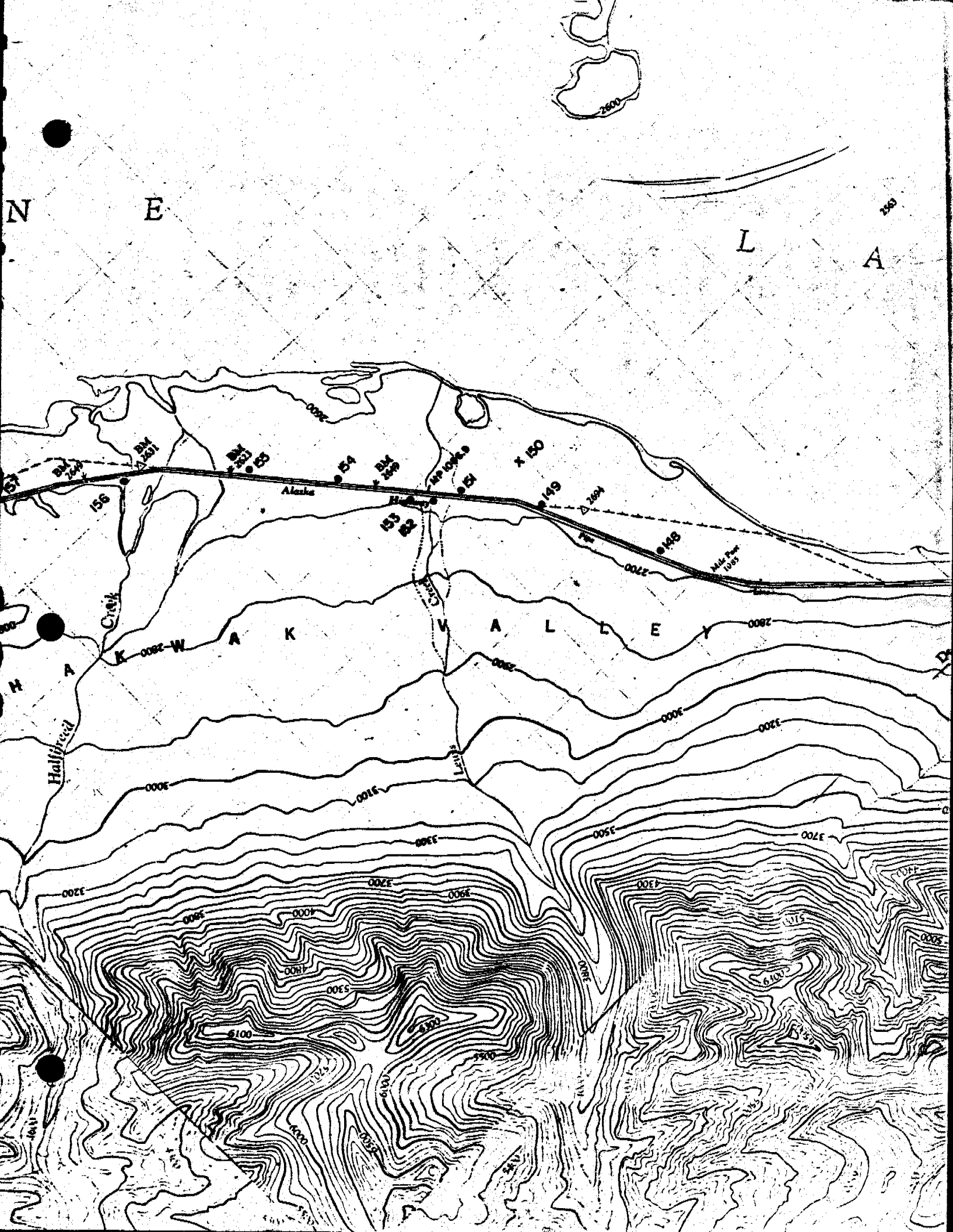


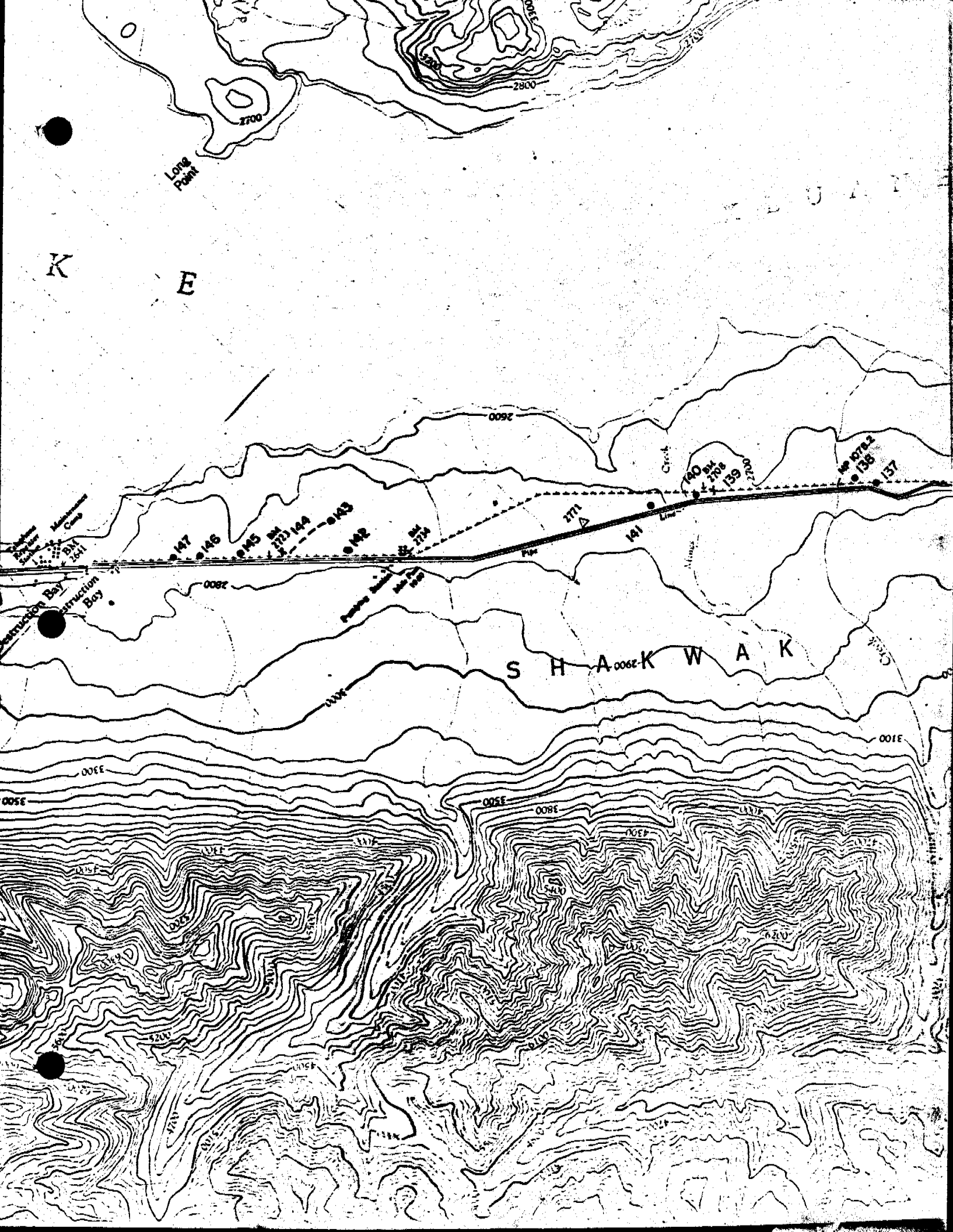












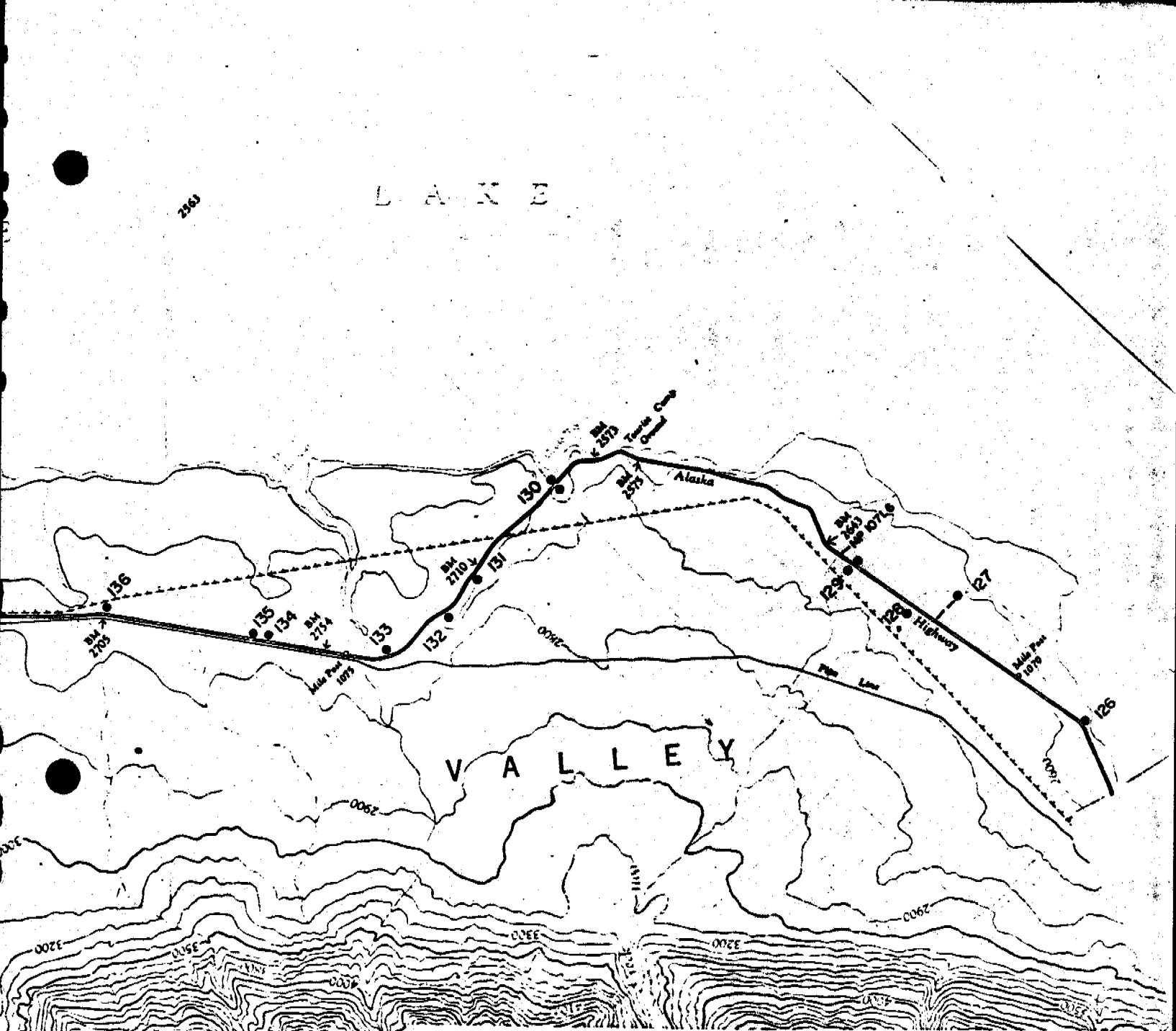


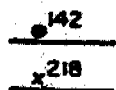
FIG. 15

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YUKON GRAVEL INVENTORY

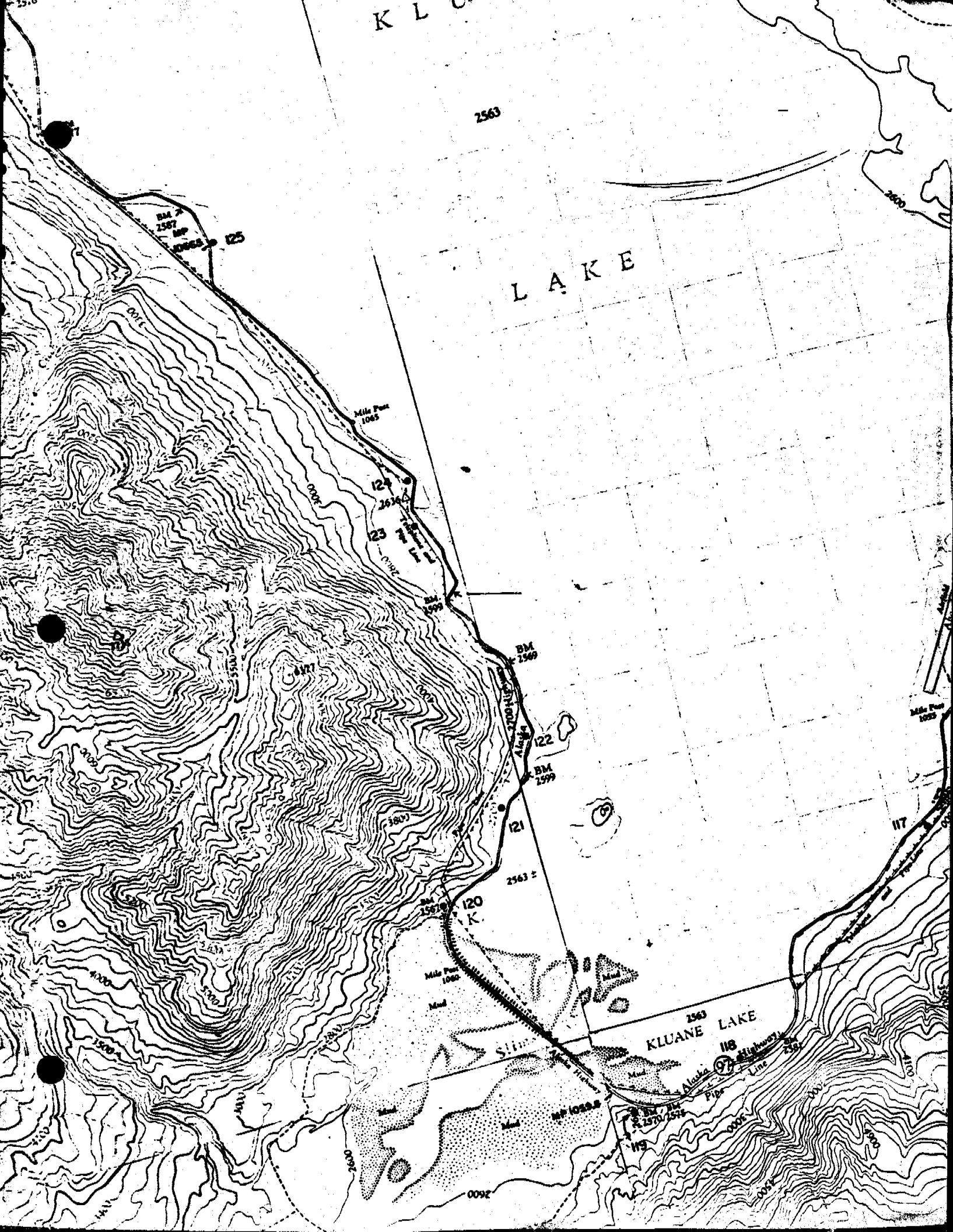
ALASKA HIGHWAY MP 1069.5 to 1110.2

Scale - 1:50,000



Borrow Site

Test Site



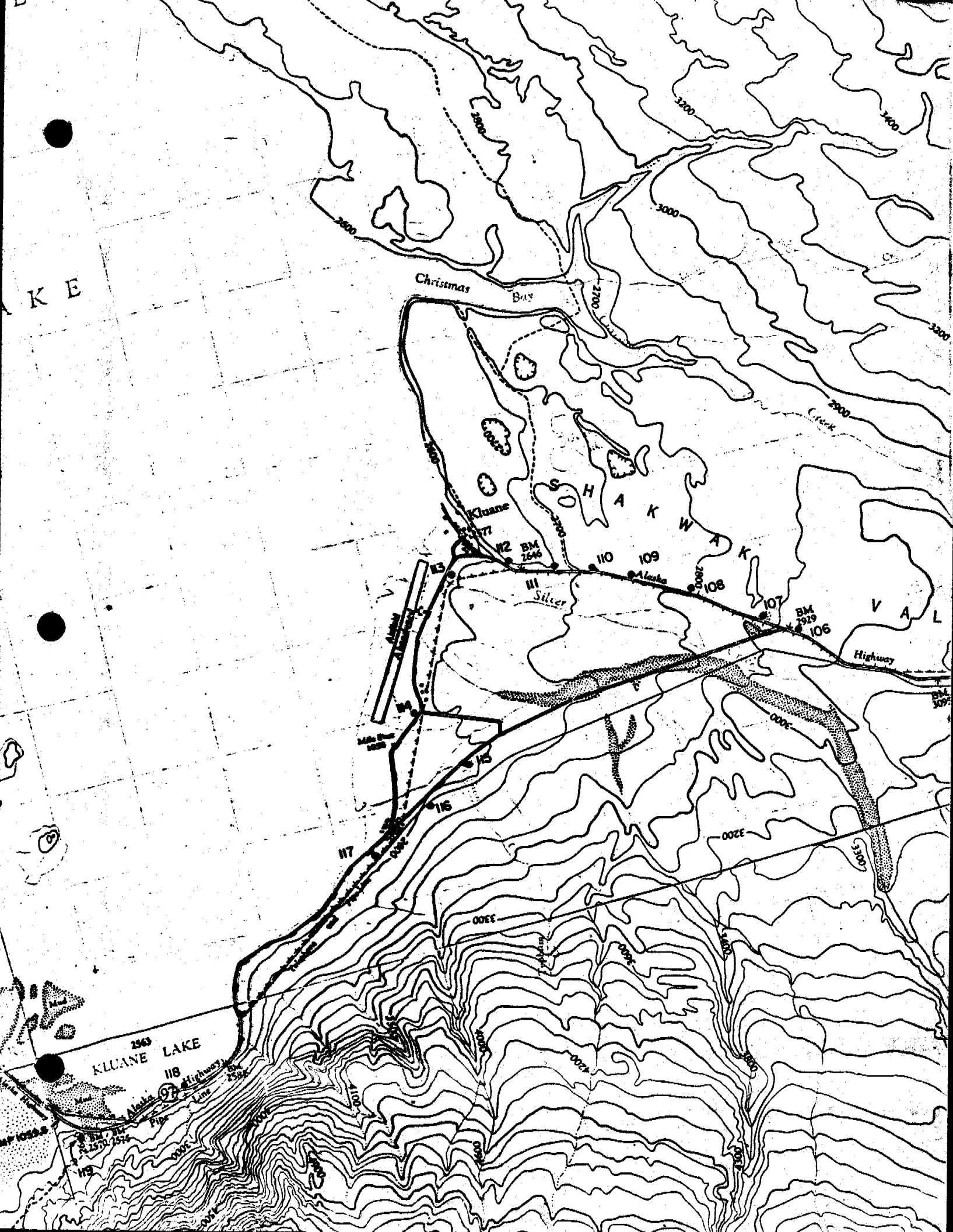
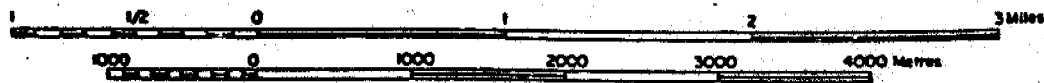


FIG. 14

ARCHER, CATHRO & ASSOCIATES LTD

YUKON GRAVEL INVENTORY ALASKA HIGHWAY MP 1045.5 to 1069.5

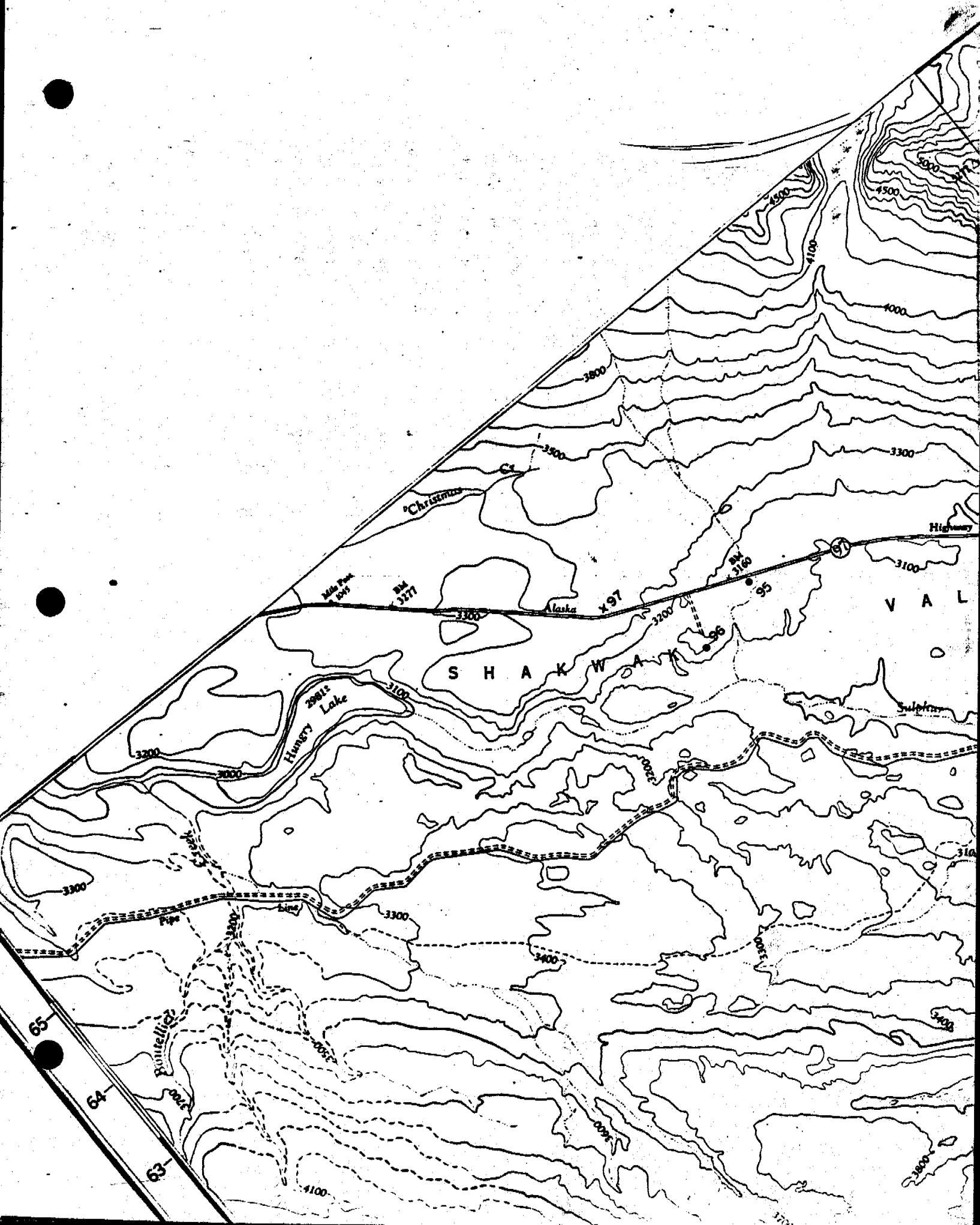
Scale - 1:50,000

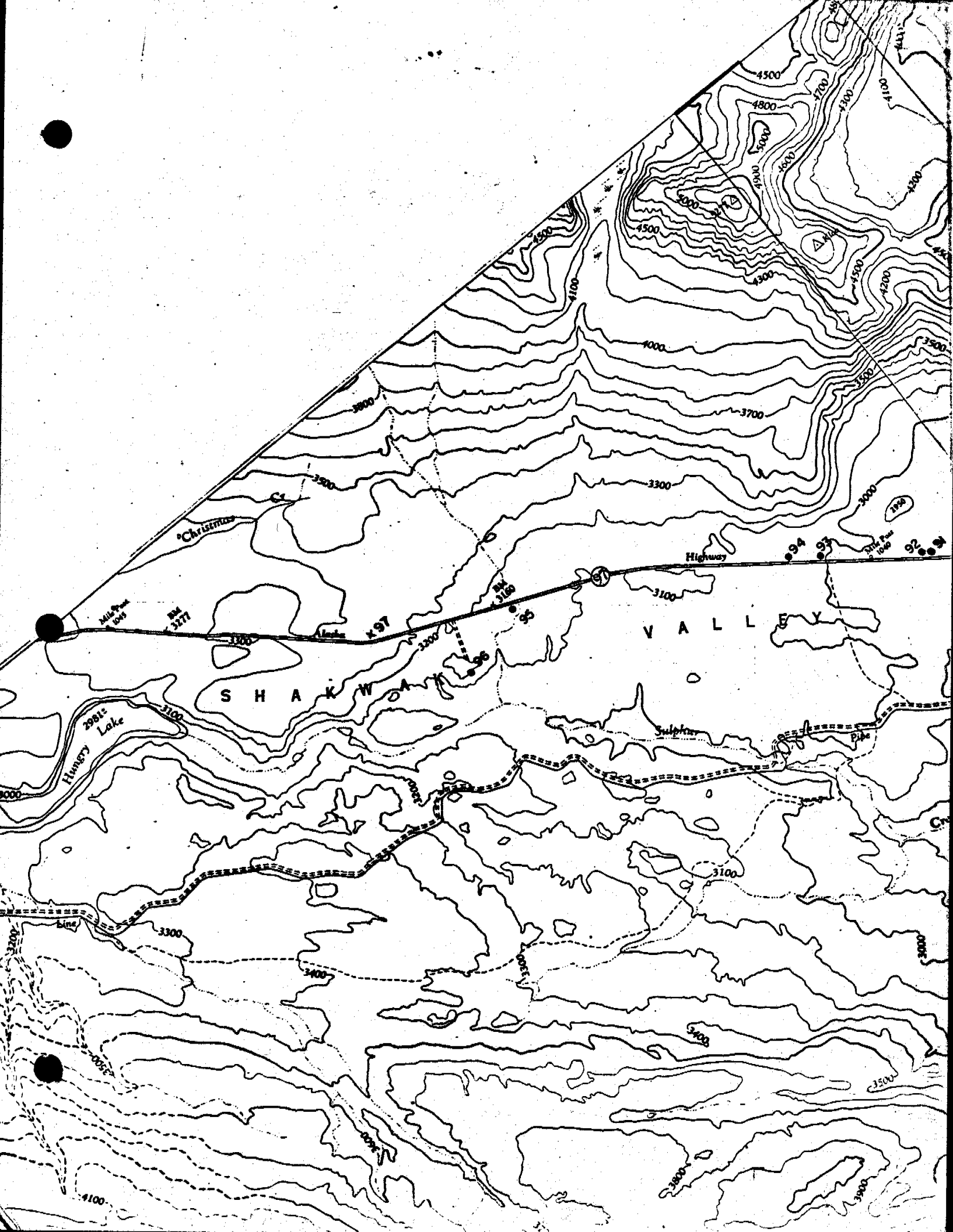


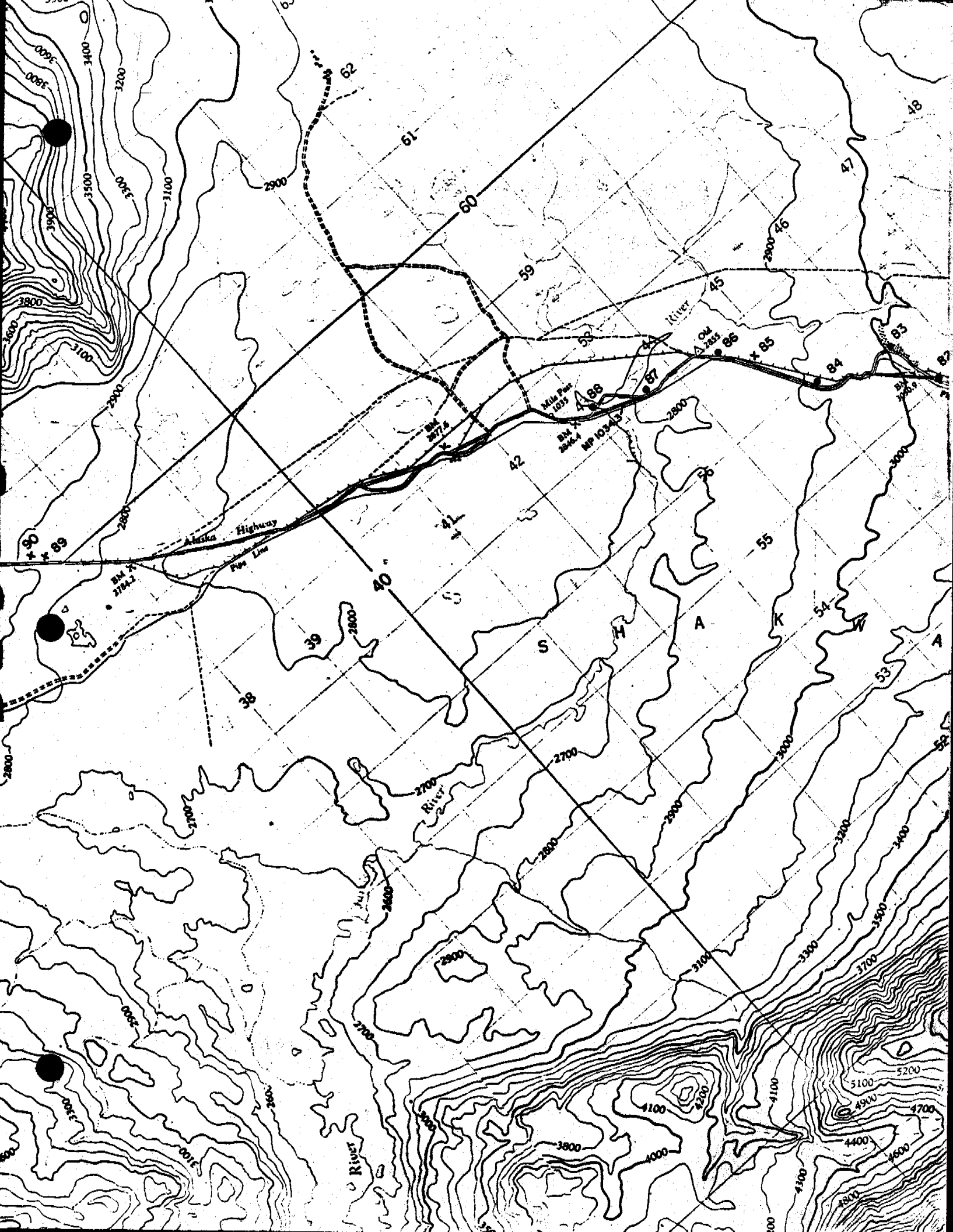
● 142 Borrow Site
x 218 Test Site

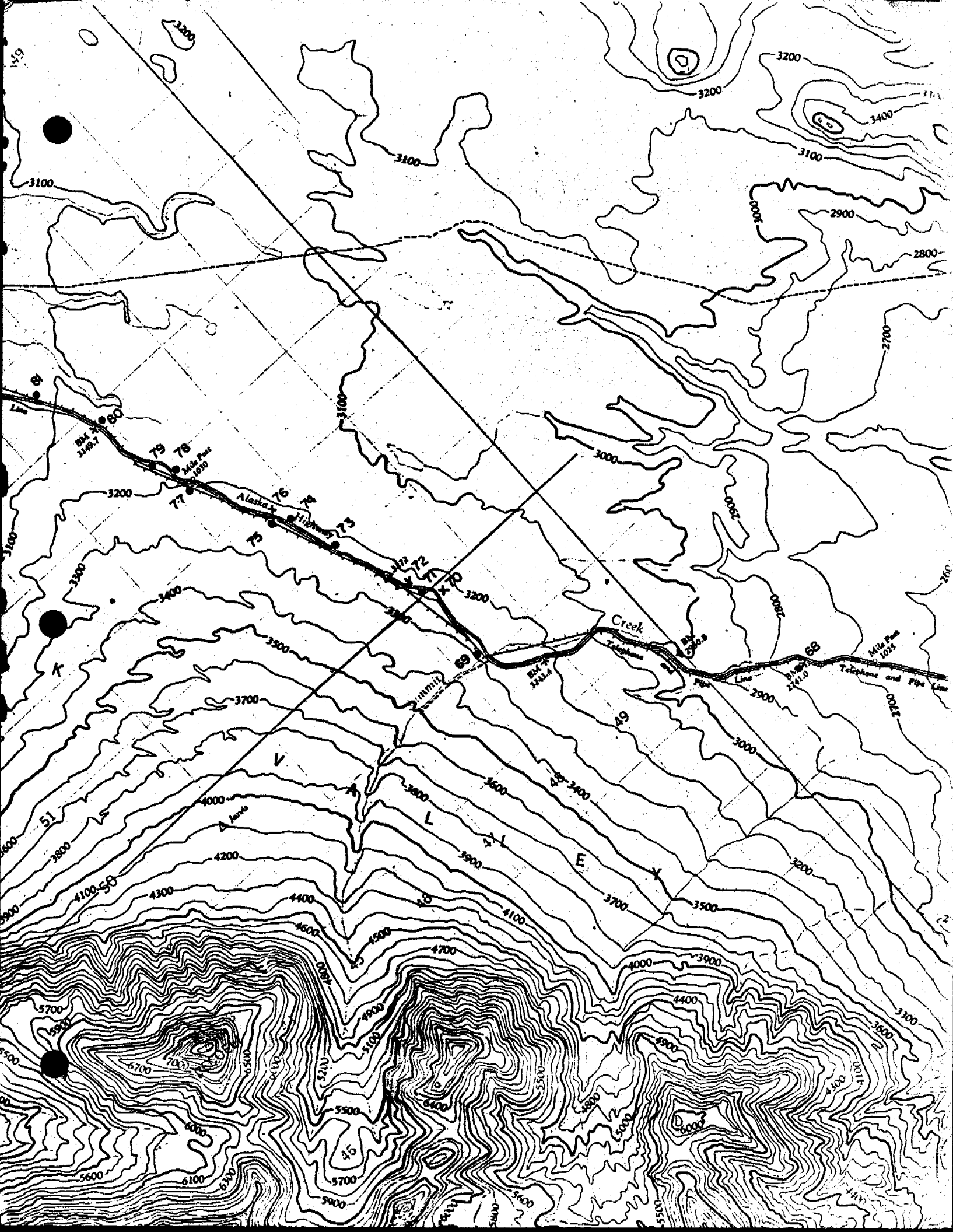
JUNE, 1977

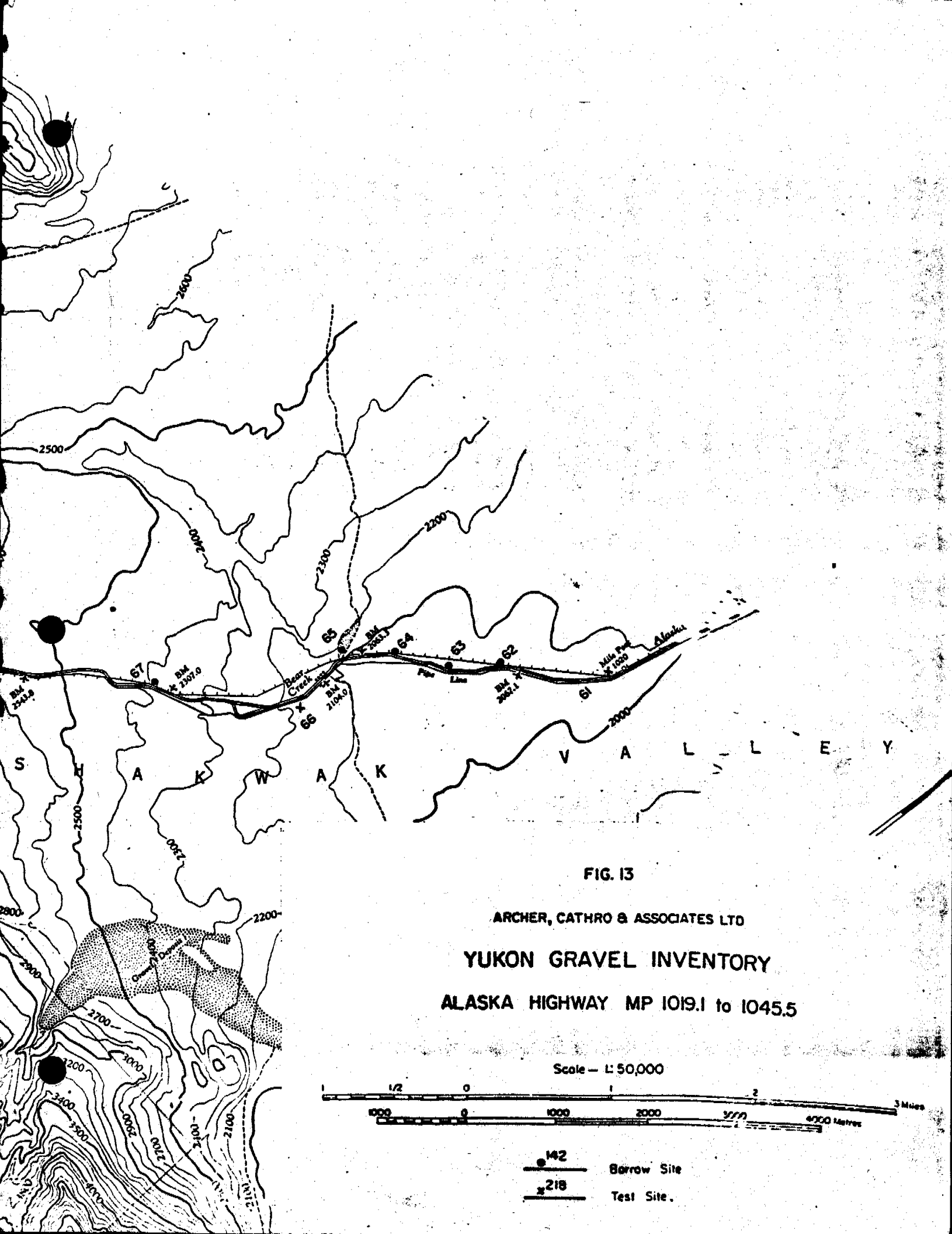


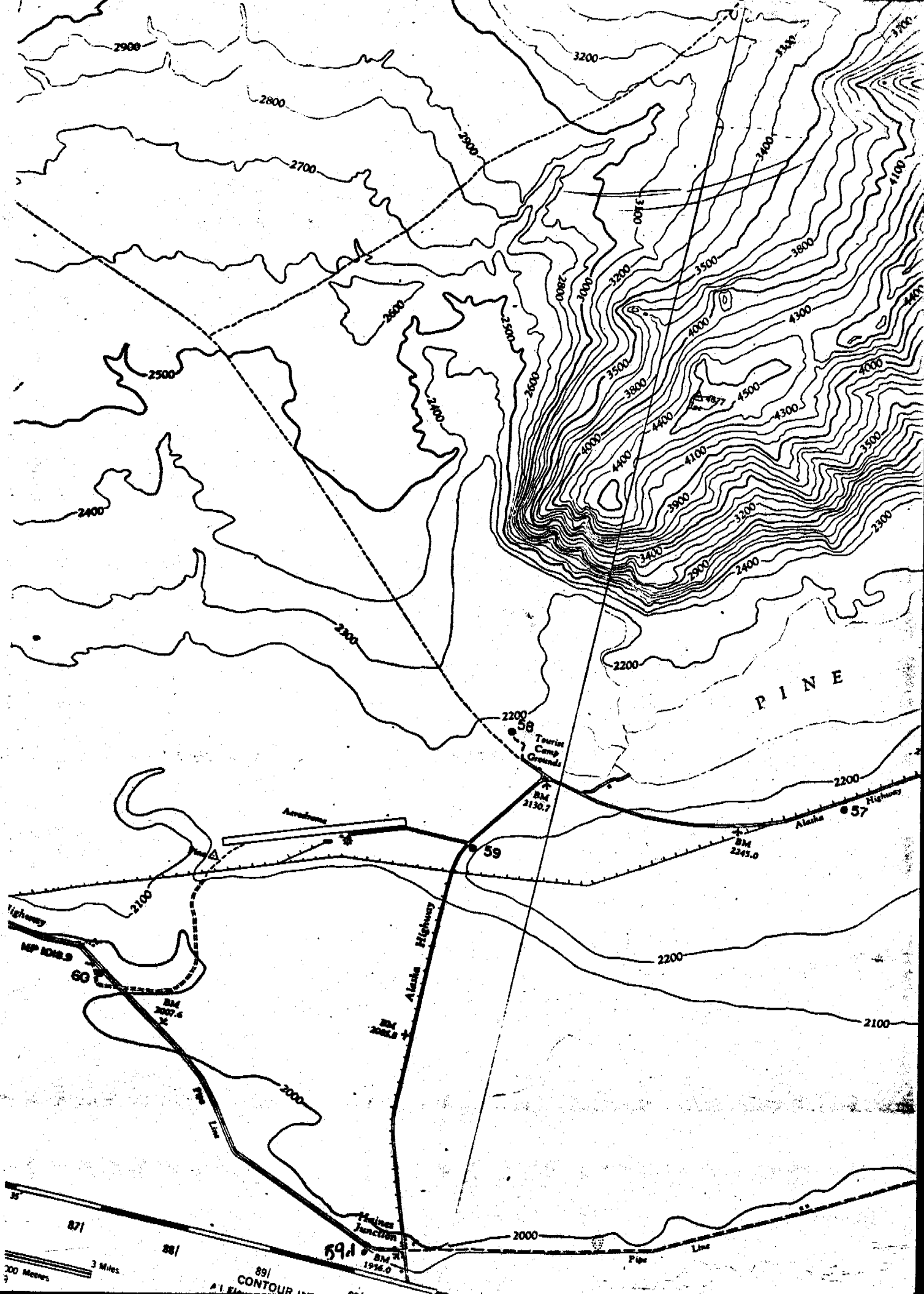


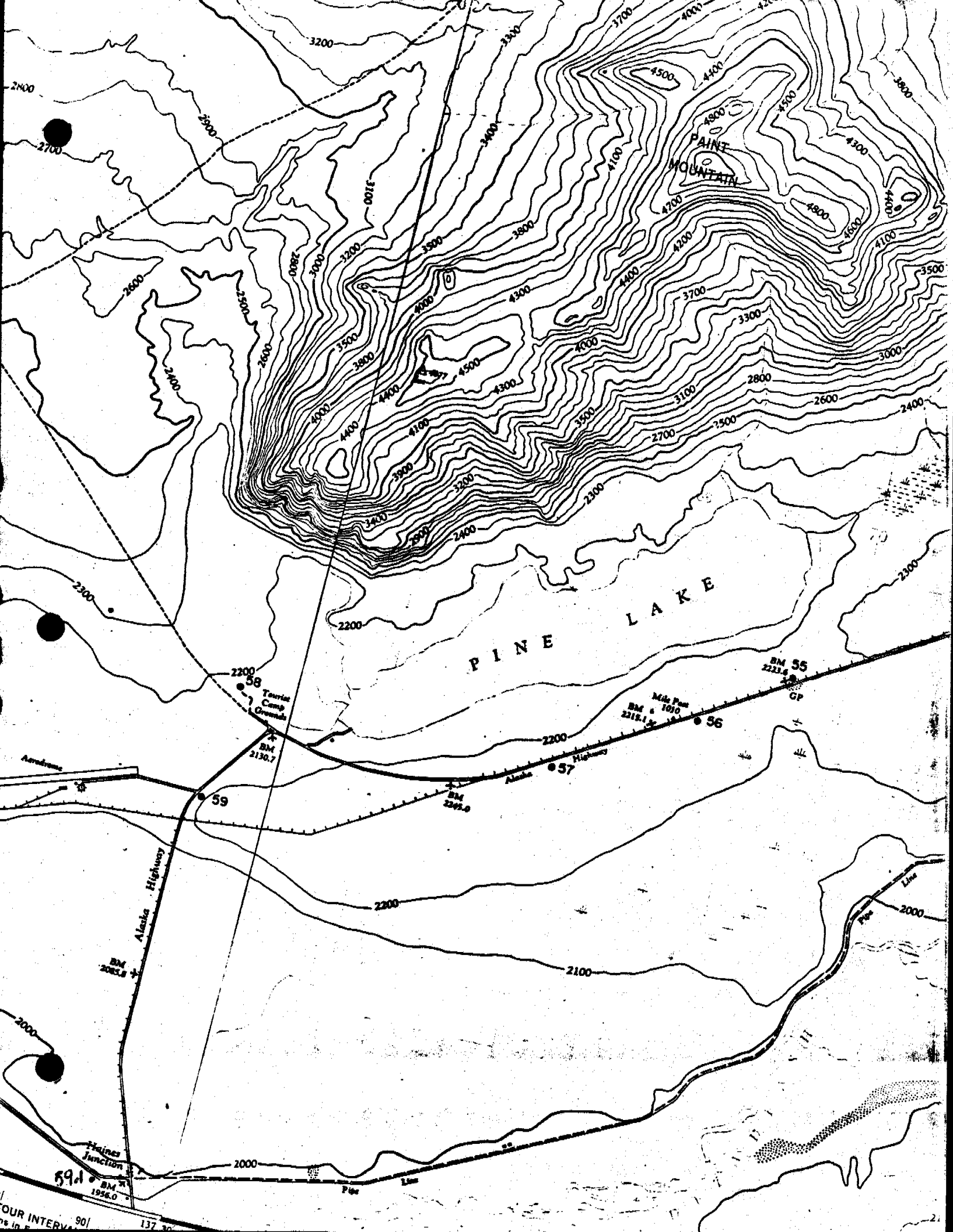


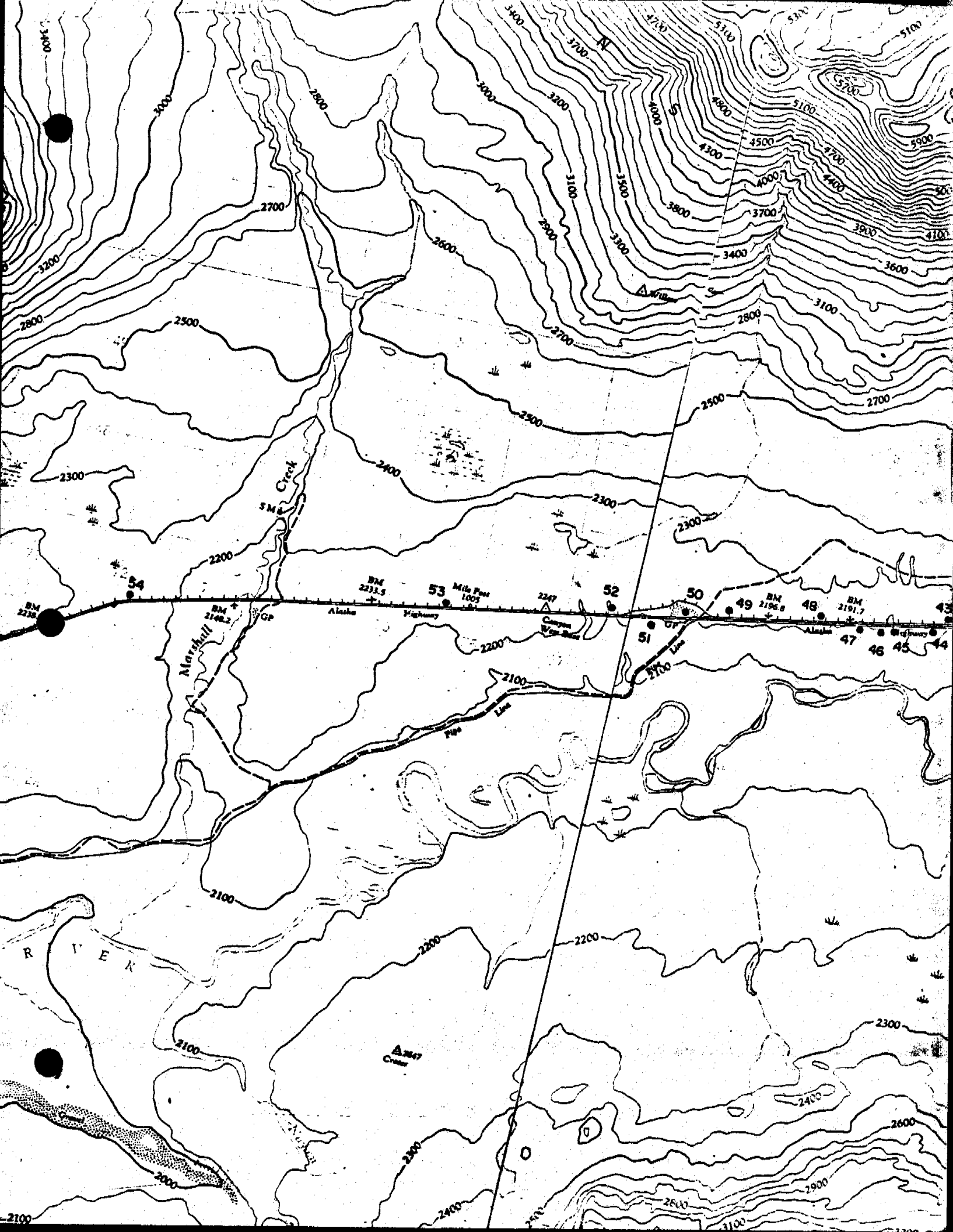












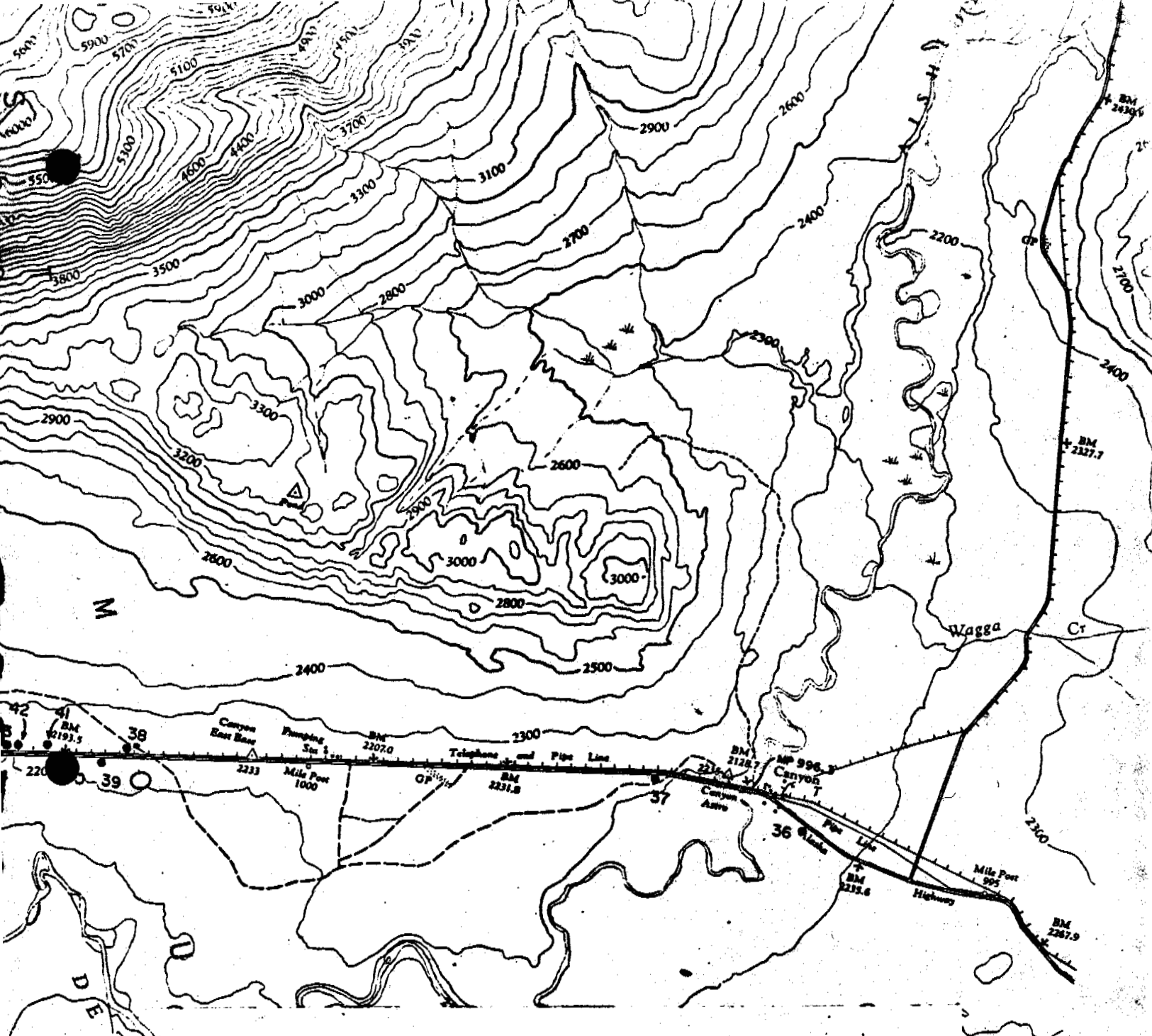


FIG.12

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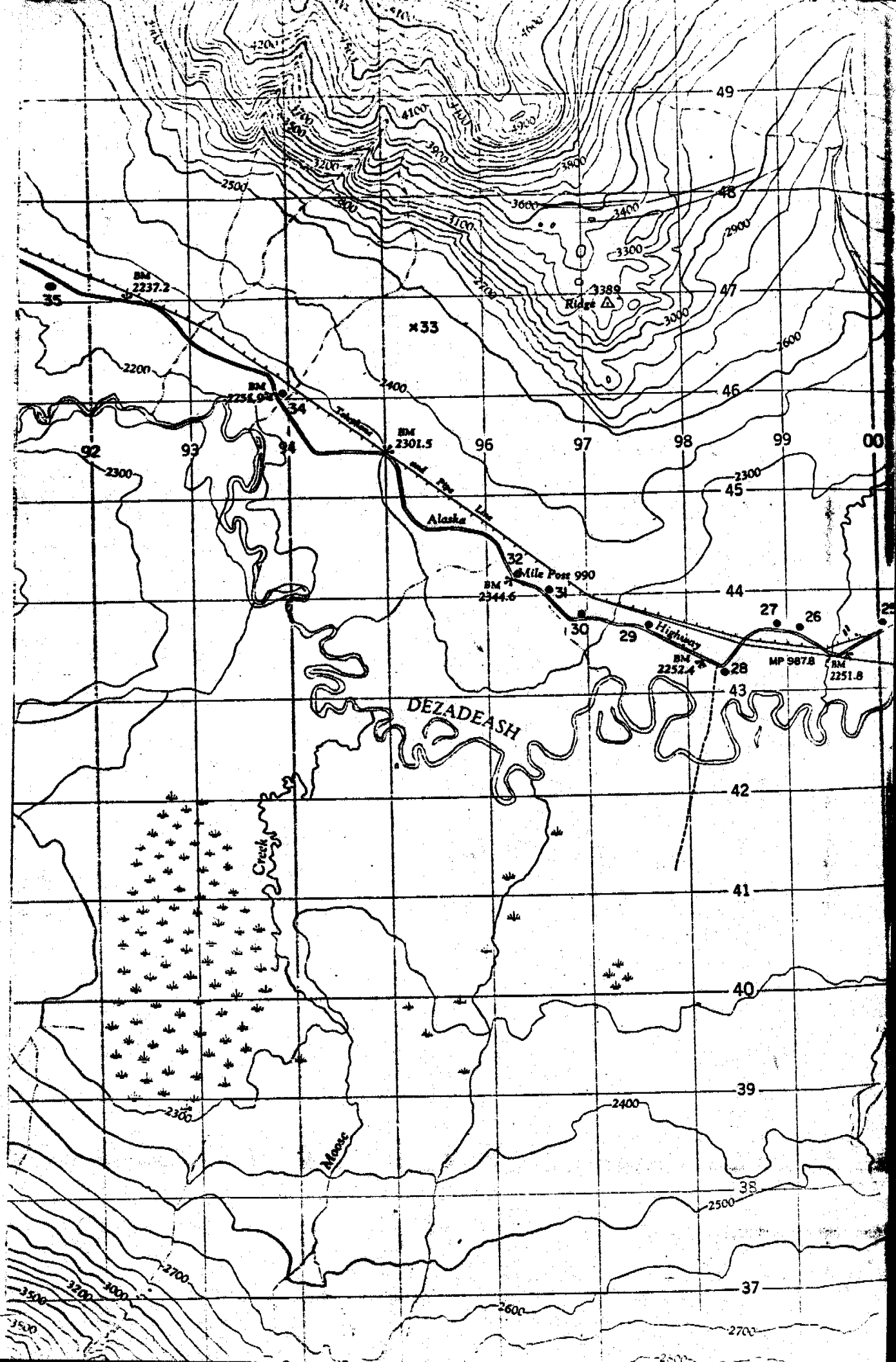
YUKON GRAVEL INVENTORY

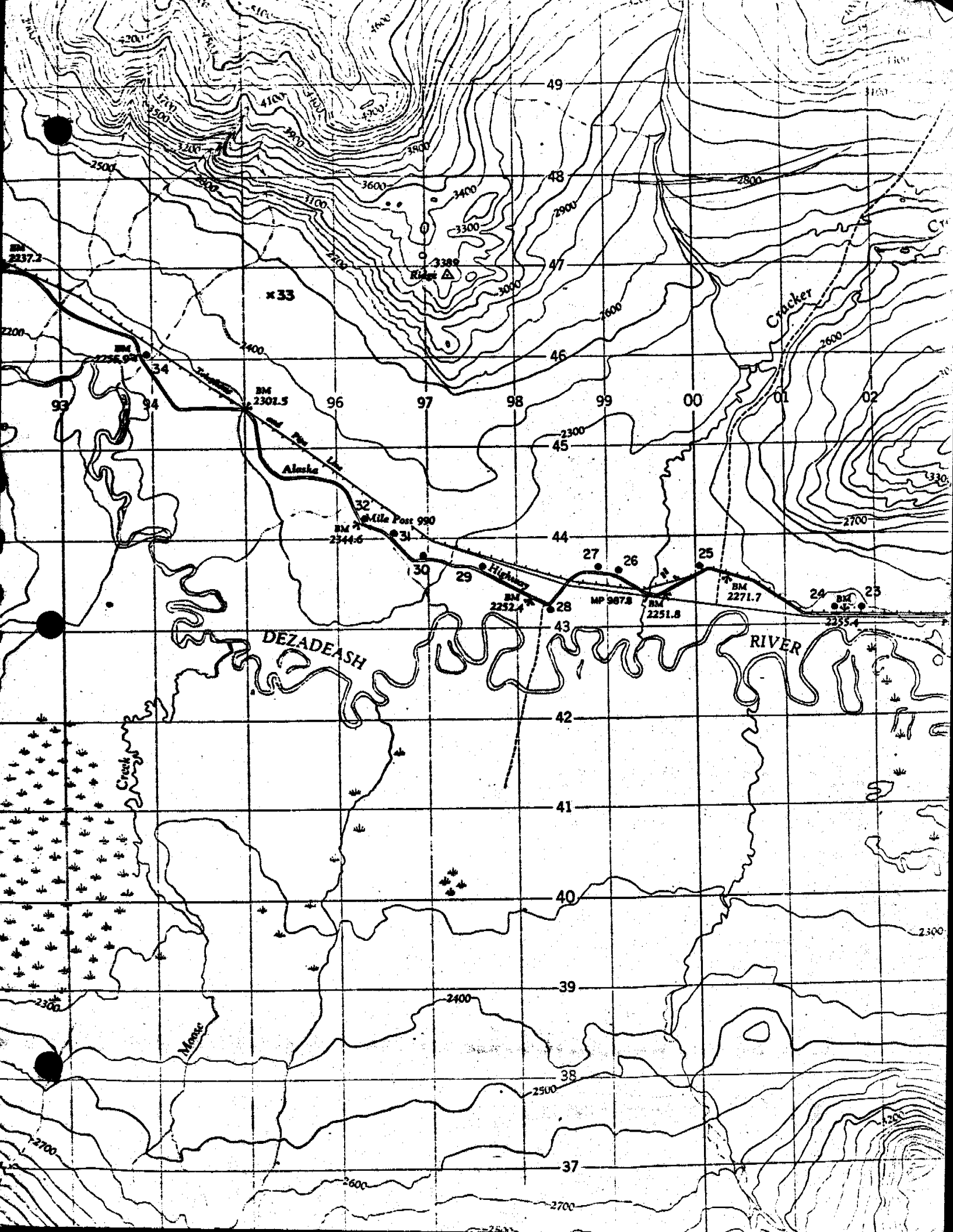
ALASKA HIGHWAY MP 994.2 to 1019.1

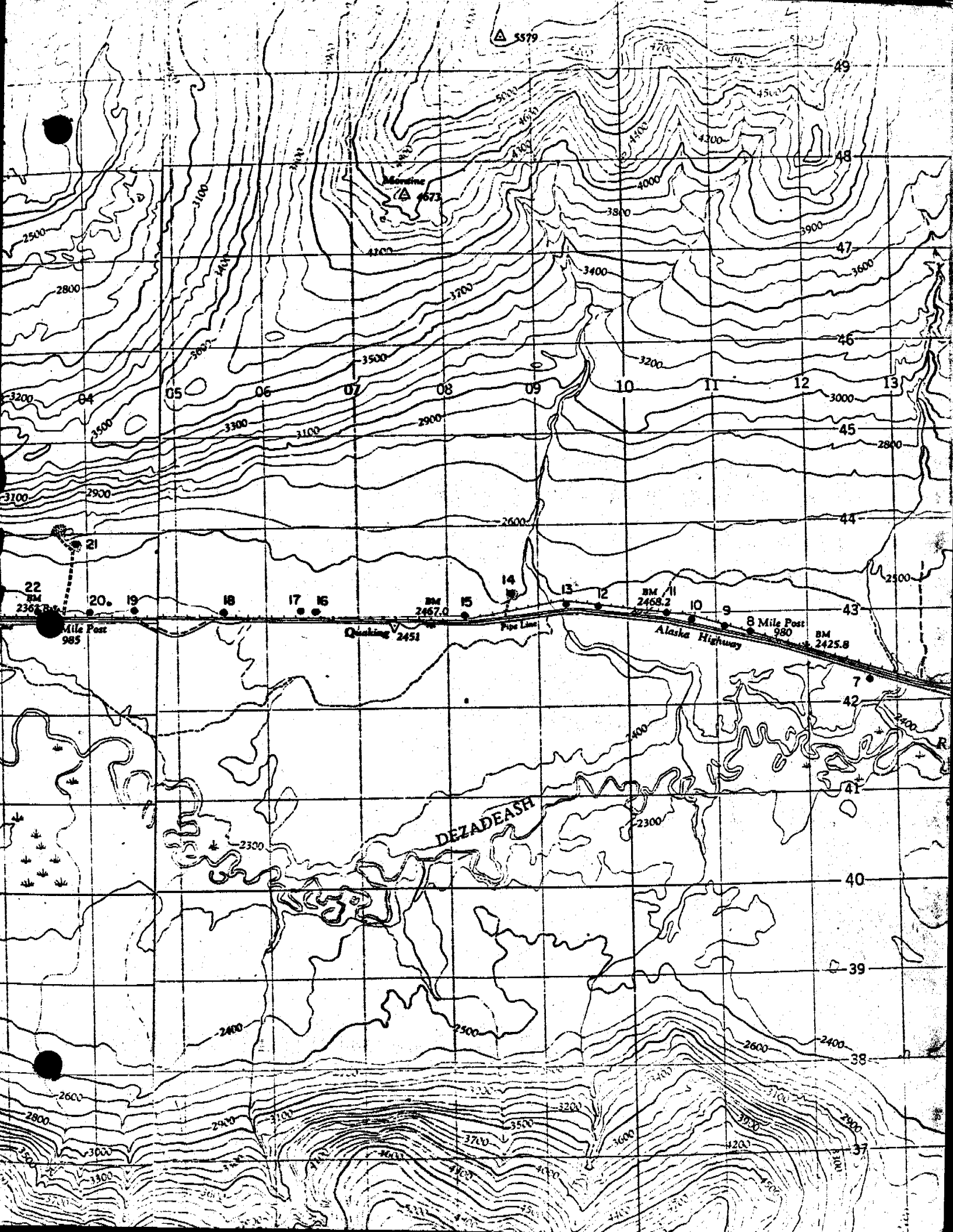
Scale - 1:50,000

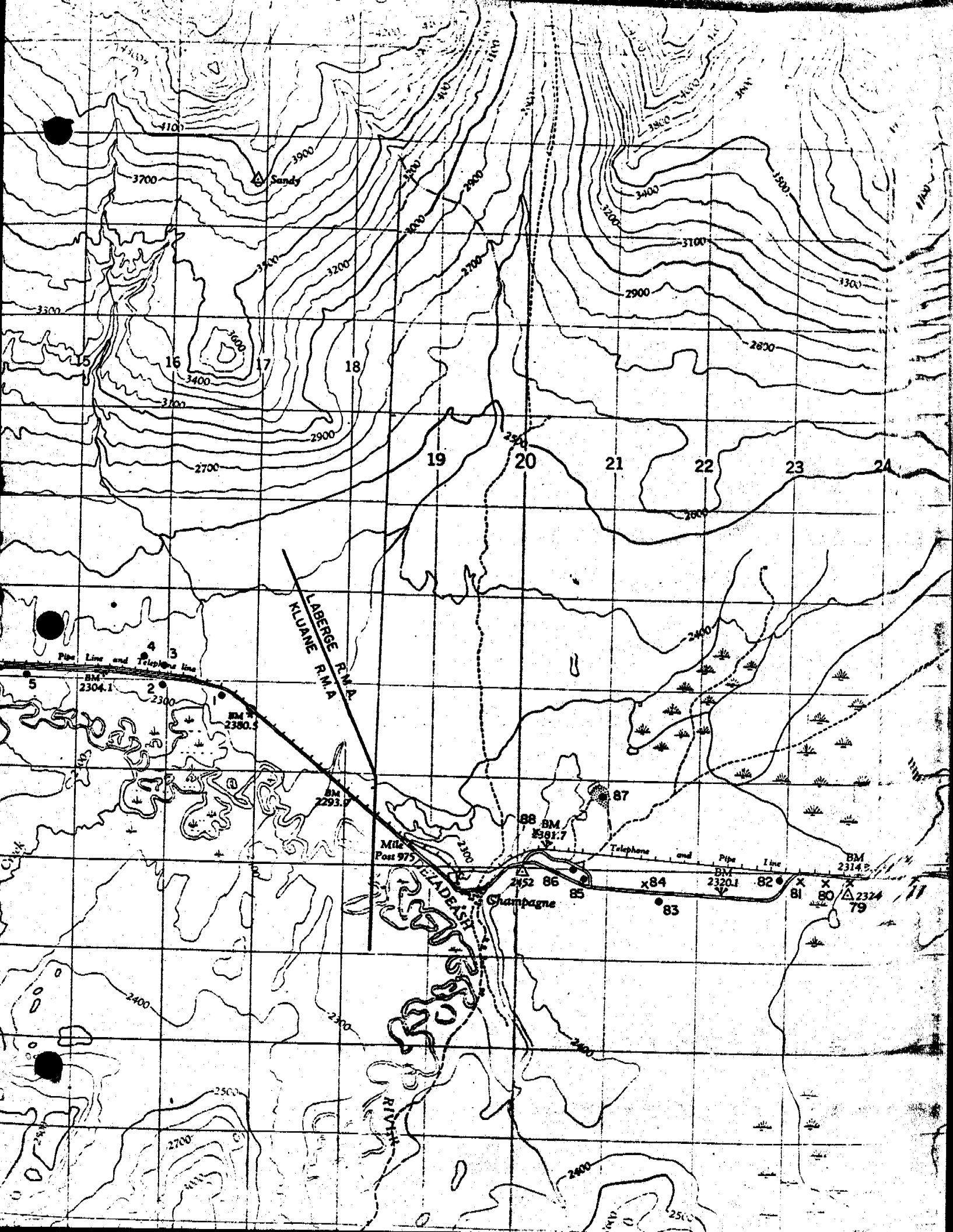


● 142 Borrow Site
x 218 Test Site.









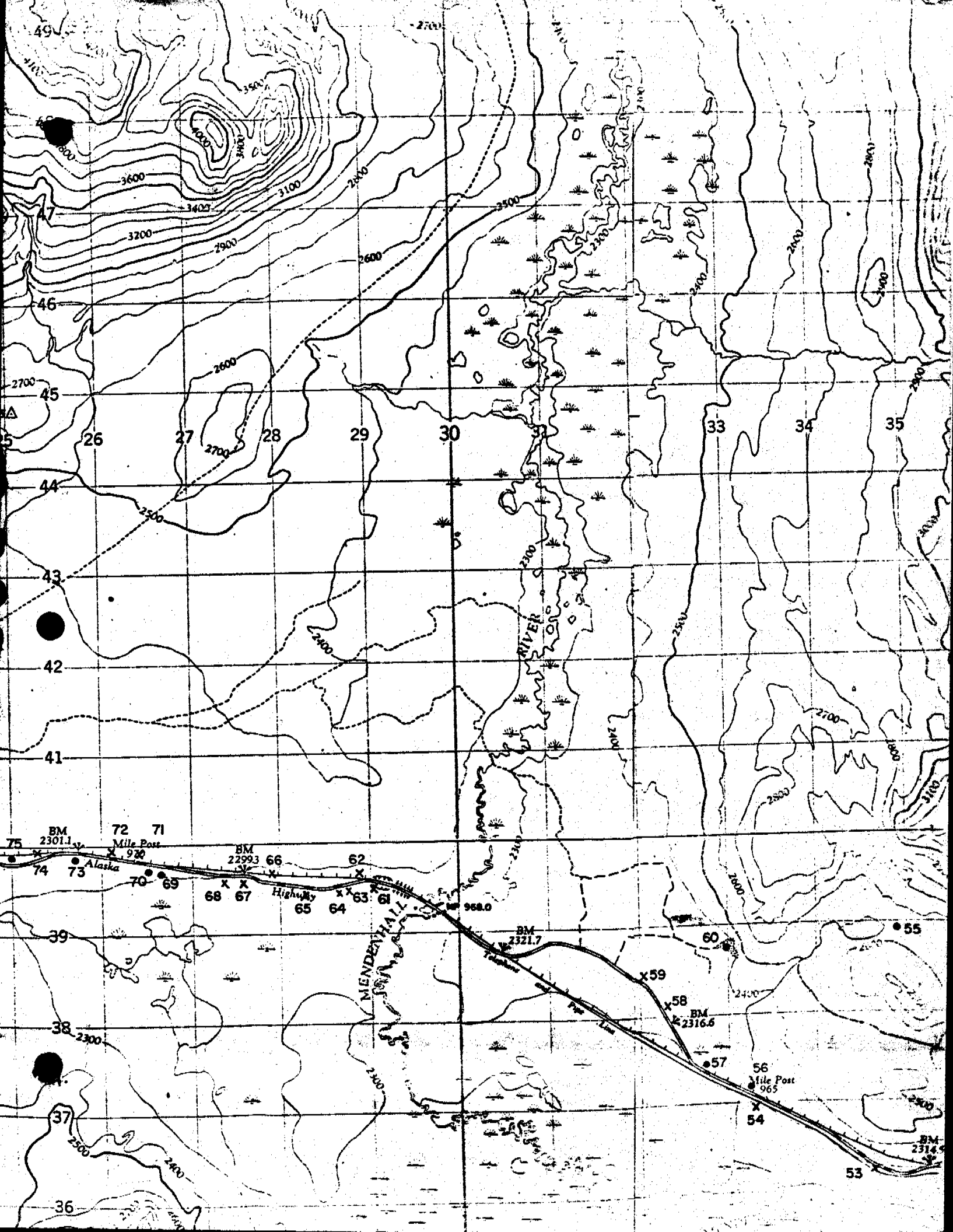


FIG. II

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YUKON GRAVEL INVENTORY

ALASKA HIGHWAY MP 956.1 to 994.2

Scale - 1:50,000



● 142 Borrow Site
 x 218 Test Site.

JUNE, 1977

