

State of Alaska  
Department of Fish and Game  
Nomination for Waters  
Important to Anadromous Fish

Region II SouthCentral

USGS Quad Cordova S, B2

Anadromous Water Catalog Number of Waterway 212-20-10040-2051-3033

Name of Waterway Heather Brook  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>98 076</u>	<u>[Signature]</u>	<u>2/6/98</u>
Revision Year:		Regional Supervisor	Date
Revision to: Atlas	Catalog	<u>[Signature]</u>	<u>2/8/98</u>
	Both <u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	<u>2/19/98</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>coho</u>	<u>8/1/97</u>		<u>X</u>	<u>X</u>	<u>X</u>
<u>Dolly Varden</u>	<u>8/1/97</u>		<u>X</u>		<u>X?</u>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

[Pink line] Section Sampled (P. line for road)

[Green line] Stream Sampled

Name of Observer (please print) Samantha Greenwood ALASKA DEPT. OF FISH & GAME

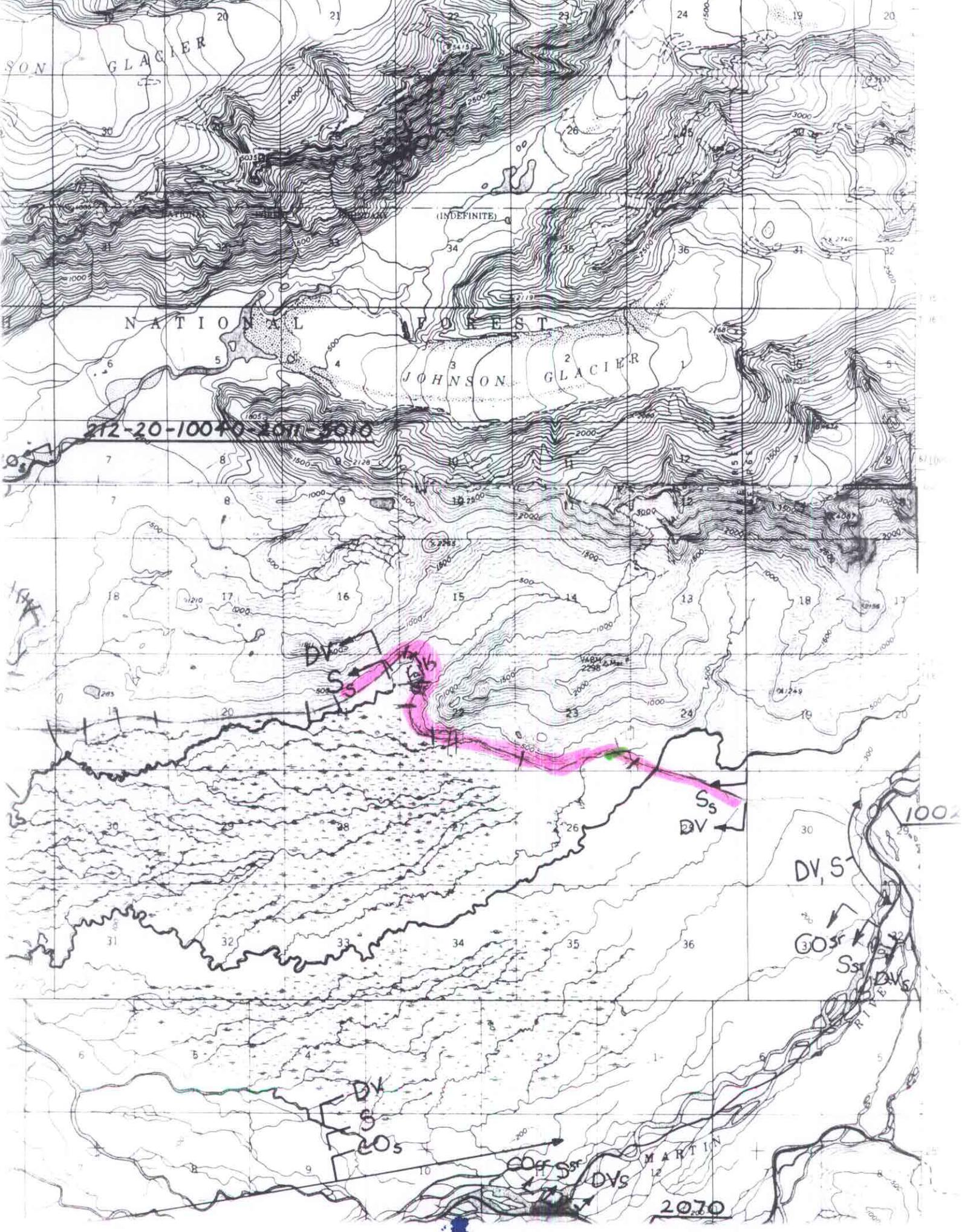
Date: 11/25/96 Signature: [Signature]

Address: PO Box 2551 Cordova, AK 99574 SEP 02 1997

REGION II HABITAT AND RESTORATION DIVISION

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [Signature]



# Anadromous Stream Mapping Project

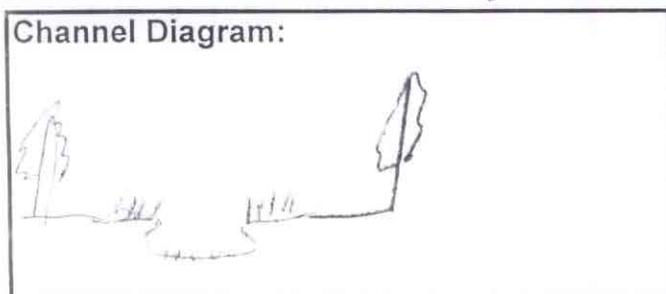
Date: 8/11/97	Time: 9:35	Crew: 1, 1
Weather: 11	Last Precipitation: 11	
Stream ID: #177	Stream Location: 869460	

Habitat:	Water Clarity:	Muddy	Murky	Stained	Clear
Substrate (%):	Silt: 25	Sand: 50	Gravel: 25	Cobble:	Boulders:
PRR ratio (%):	Pool: 10	Riffle: 10	Run: 80		

**Riparian Habitat:**  
 Dominant Vegetation: Grasses, Alder  
 Wildlife Observations:

**Physical:** Temperature (C): 8.1 Dissolved Oxygen (mg/L): 11.5  
 Conductivity (µS):

**Morphology:** Width: Present: 3.85 Bank Full: 3.85m Grade: 3  
 Depth: 1/4 13cm 1/2 11cm 3/4 11cm  
 Flow: 1/4 2.25 m/s 1/2 2.65 m/s 3/4 3.2 m/s



**Comments:**  
 nice undercut Bank  
 open meadow 200ft wide stream in middle  
 Roll #12  
 photo #21422  
 H23 Jason + Sam

Fish Sampling:		Electro-Shocking	Netting/Trapping	Visual
Coho Salmon	juv.	Time: 248	Time:	Shocking Wet Forest Bay
	adult	22 MAC	≈ 880+06	
Sockeye Salmon	juv.			"Heather Brook"
	adult			
Pink Salmon	juv.			
	adult			
Chum Salmon	juv.			
	adult			
King Salmon	juv.			
	adult			
Cutthroat Trout	juv.			
	adult			
Dolly Varden	juv.	6 MAC		
	adult			
Other	SC	10 MAC		