

173-175

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

Region II SouthCentral

USGS Quad Cordova ~~TS~~, B2

Anadromous Water Catalog Number of Waterway 212-20-10040-2031-3094

Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>98 073</u>	<u>[Signature]</u>	<u>2/6/98</u>
Revision Year:		Regional Supervisor	Date
Revision to: Atlas	Catalog	<u>[Signature]</u>	<u>2/2/98</u>
Both	<u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	<u>2/17/98</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>Coho</u>	<u>7/31/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
<u>Cutthroat</u>	<u>7/31/97</u>		<u>X</u>		<input checked="" type="checkbox"/> ?
<u>Polly Varden</u>	<u>7/31/97</u>		<u>X</u>		<input checked="" 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: #173 & 174 PHOTO INTERPRETED AS SAME STREAM. Stream & Flooded beaver pond complex.

Section Sampled (P-line for road)
Stream Sampled

Name of Observer (please print) Samantha Greenwood
Date: 11/25/96 Signature: [Signature]
Address: PO Box 2551
Cordova, AK 99574

ALASKA DEPT. OF FISH & GAME

SEP 02 1997

REGION II AND RESTORATION HABITAT 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: 7/31/97	Time: 14:26	Crew: 11
Weather: P-Cloudy now raining	Last Precipitation: 11	
Stream ID: #173	Stream Location: 800+65	

Habitat:	Water Clarity:	Muddy	Murky	Stained	<input checked="" type="radio"/>	Clear
Substrate (%):	Silt:	Sand:	Gravel: <u>Groceries</u>	Cobble:	Boulders:	
PRR ratio (%):	Pool:	Riffle:	Run:		100	

Riparian Habitat:	Dominant Vegetation: <u>Muskeg, Grasses, Willow</u>		
Wildlife Observations:			

Physical:	Temperature (C): 16.6 <u>7.3</u> °C	Dissolved Oxygen (mg/L): 10.75 <u>7.3</u> mg/L
	Conductivity (µS):	

Morphology:	Width:	Present: <u>Flooded over bank</u>	Bank Full: <u>Beaver Flood (0-190)</u>	Grade:	
	Depth:	1/4	1/2 <u>45cm</u>	3/4	
	Flow:	1/4	1/2 <u>< 1 m/s</u>	3/4	

Channel Diagram:

Comments:

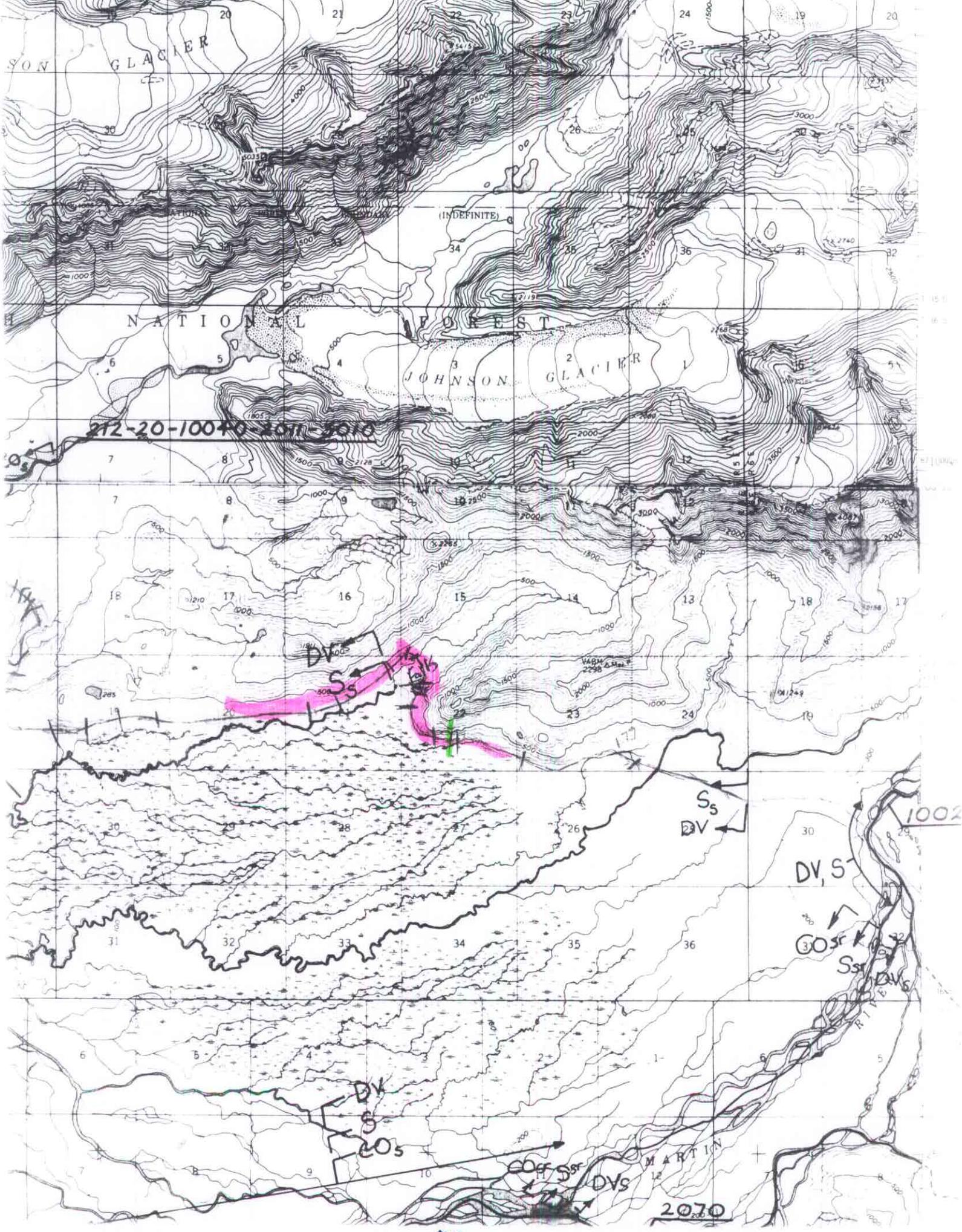
photo # 117+12 ↓

799+50

photo # 10 looking back down P-line
These Beaver Slough

Fish Sampling:	Electro-Shocking Time:	Netting/Trapping Time:	Visual
Coho Salmon juv. / adult	136 6 MAC		down stream
Sockeye Salmon juv. / adult			New Beaver Dam
Pink Salmon juv. / adult			from ≈ 799+00 about + 200ft
Chum Salmon juv. / adult			H ₂ O Floods all over
King Salmon juv. / adult			P-line (Fish Found in)
Cutthroat Trout juv. / adult	2 MAC		Flooded area)
Dolly Varden juv. / adult	2		
Other <u>SC</u>	8		

Roll #12 17+18
 Photo # 117+18
 Beaver Dam From Air



212-20-10040 2011-2010

1002

DV, S

30 Ss

Ss

2070

MARTIN

DV
S
205

30 Ss

DV S

Region II SouthCentral

USGS Quad Cordova ~~TS~~, B2

Anadromous Water Catalog Number of Waterway 212-20

Name of Waterway _____ USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>98 074</u>	Regional Supervisor	Date
Revision Year:	_____	AWC Project Biologist	Date
Revision to: Atlas _____ Catalog _____		Drafted	Date
Revision Code: <u>A2FH</u>			

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>Coho</u>	<u>7/31/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<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:

 Section Sampled (P-line for road)
 Stream Sampled

ALASKA DEPT. OF
FISH & GAME

Name of Observer (please print)

Samantha Greenwood

Date: 11/25/96

Signature: Samantha Greenwood

SEP 02 1997

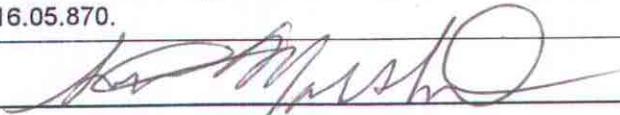
Address: PO Box 2551

Cordova, AK 99574

REGION II
HABITAT AND RESTORATION
DIVISION

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Signature of Area Biologist: _____



Anadromous Stream Mapping Project

Date: 7/31/97	Time: 14:30	Crew: 1
Weather: H raining	Last Precipitation: 11	
Stream ID: #174	Stream Location: 800 + 65	

Habitat:	Water Clarity:	Muddy	Murky	Stained	Clear
Substrate (%):	Silt: 5	Sand: 5	Gravel: 90	Cobble:	Boulders:
PRR ratio (%):	Pool:	Riffle:	Run:	100	

Riparian Habitat:	Dominant Vegetation: <u>Mus Hog, Willow, Alder</u>
Wildlife Observations:	

Physical:	Temperature (C): 7.2	Dissolved Oxygen (mg/L): 10.75
	Conductivity (µS):	

Morphology:	Width: Present: <u>Over Flooding</u>	Bank Full: <u>3m</u>	Grade: <u>0-1%</u>
	Depth: 1/4 <u>Bank 50cm</u>	1/2 <u>50cm</u>	3/4 <u>50cm</u>
	Flow: 1/4 <u>50cm</u>	1/2 <u>50cm</u>	3/4 <u>50cm</u>

Channel Diagram:	Comments:
	<p>photo # 13 + #14</p> <p>H₂O Flooded way out of channel because of Beaver Dam just</p> <p>10/20/01 New Beav Dam</p>

Fish Sampling:		Electro-Shocking Time:	Netting/Trapping Time:	Visual
Coho Salmon	juv.	255		
	adult			
Sockeye Salmon	juv.			
	adult			
Pink Salmon	juv.			
	adult			
Chum Salmon	juv.			
	adult			
King Salmon	juv.			
	adult			
Cutthroat Trout	juv.			
	adult			
Dolly Varden	juv.			
	adult			
Other	<u>SL</u>	2		

Region II SouthCentral

USGS Quad Cordova B2

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Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>98 075</u>	Regional Supervisor <u>[Signature]</u>	Date <u>2/3/98</u>
Revision Year: _____	AWC Project Biologist _____	Date _____
Revision to: Atlas _____ Catalog _____		
Both <input checked="" type="checkbox"/>		
Revision Code: <u>F-4 A-2</u>	Drafted _____	Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho	7/31/97		X		<input checked="" type="checkbox"/>
Cutthroat	7/31/97		X		<input checked="" type="checkbox"/>
Oddly Varden	7/31/97		X		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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Comments: UPPER END of 3094 end 2/3/98

 Section Sampled (P. line for road)
 Stream Sampled

ALASKA DEPT. OF FISH & GAME

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Signature of Area Biologist: [Signature]

Anadromous Stream Mapping Project

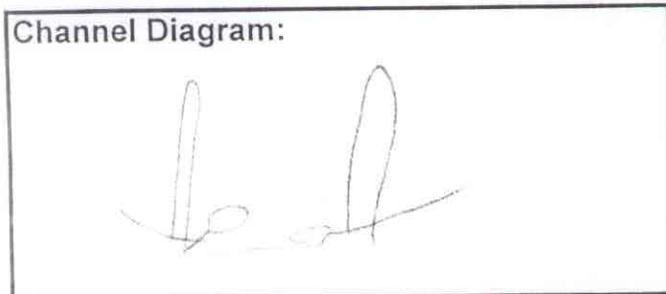
Date: 7/31/97	Time: 15:28	Crew: 11
Weather: Raining	Last Precipitation: 11	
Stream ID: #1745	Stream Location: 831 + 80 38	

Habitat:	Water Clarity:	Muddy	Murky	Stained	<input checked="" type="radio"/> Clear
Substrate (%):	Silt: 40	Sand: 50	Gravel: 10	Cobble:	Boulders:
PRR ratio (%):	Pool: 10	Riffle:	Run: 100 90		

Riparian Habitat:
 Dominant Vegetation: Straw, Blue Berry, Fern, Hemlock Forest
 Wildlife Observations: _____

Physical:	Temperature (C): 12.3	Dissolved Oxygen (mg/L): 9.5
	Conductivity (µS): /	

Morphology:	Width: Present: 1.5m	Bank Full: 1.5m	Grade: 1-2 1-290
	Depth: 1/4 5cm	1/2 7cm	3/4 5cm
	Flow: 1/4	1/2 4 1/2 m/s	3/4



Comments:
 Lots of woody debris
 Save some for ISOTOPE
 photo # ~~15~~ + # ~~16~~ ↑

Fish Sampling:		Electro-Shocking Time:	Netting/Trapping Time:	Visual
Coho Salmon	juv.	4:31 15	role #12 photo # 17+18	Bowel Pan from Air
	adult			
Sockeye Salmon	juv.			
	adult			
Pink Salmon	juv.			
	adult			
Chum Salmon	juv.			
	adult			
King Salmon	juv.			
	adult			
Cutthroat Trout	juv.	4		
	adult			
Dolly Varden	juv.	1		
	adult			
Other	<u>SB</u>	1		

As stream flow down into meadow it has many channels that all join up in meadow

