

64-66
 68

Region 11 SouthCentral

USGS Quad Cordova B2

Anadromous Water Catalog Number of Waterway 212-20-10040-2011-3010-4090-5032

Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>98 046</u>	<u>[Signature]</u>	<u>2/6/98</u>
Revision Year:		Regional Supervisor	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>1/28/98</u>
	Both <u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	<u>2/13/98</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>coho Salmon</u>	<u>7/27/97</u>		<u>X (9)</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: SITES # 64, 65, 66 (nom. # 98-046, 047, 048) PHOTO INTERPRETED AS CHANNELS / BEAVER pond complex of same stream. Error/1/28/98
SITE 68 INTERPRETED AS UPPER PORTION OF STREAM nom 98050
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: [Signature]
 Address: PO Box 2551
Cordova, AK 99574

SEP 24 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]

MCPHERSON GLACIER

HUDSON NATIONAL

8030

212-20-10040-2011-5010

3020

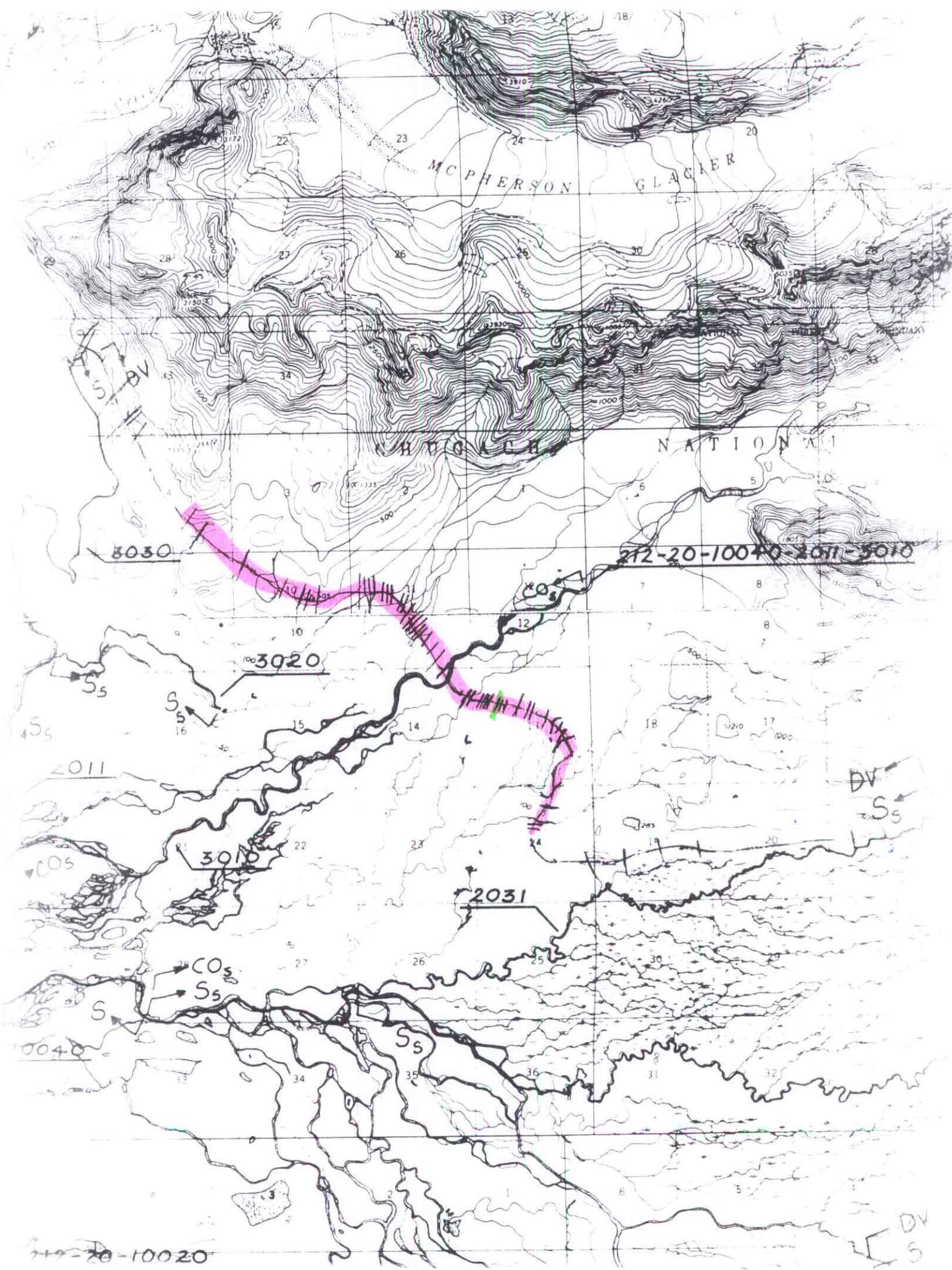
2011

3010

2031

0040

212-20-10020



Anadromous Stream Mapping Project

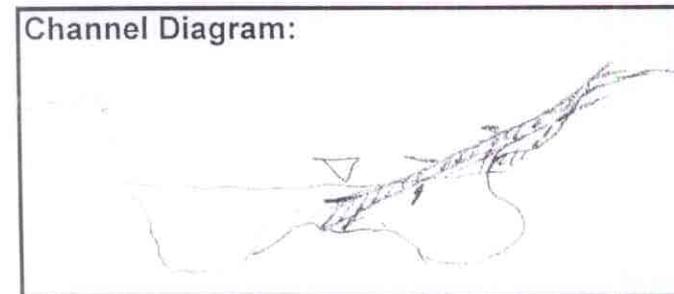
Date: 7 27 97	Time: 12 47	Crew: GBS, SG, JGM, MB
Weather: Sun	Last Precipitation:	
Stream ID: #64	Stream Location: 452 31 / 445 11	

Habitat:	Water Clarity:	Muddy	Murky	Stained	Clear
Substrate (%):	Silt: 100	Sand:	Gravel:	Cobble:	Boulders:
PRR ratio (%):	Pool: 80	Riffle: 20	Run:		

Riparian Habitat:	Dominant Vegetation: Spruce Hemlock moss alder Blue Berry
Wildlife Observations:	

Physical:	Temperature (C): 10.6	Dissolved Oxygen (mg/L): 8.1
	Conductivity (µS): EF	

Morphology:	Width:	Present: 2.5 m	Bank Full: 11	Grade: low
	Depth:	1/4	1/2 12cm	3/4
	Flow:	1/4	1/2 1 m/s	3/4 @ highest flow



Comments: @ p-line, two streams join
 upstream lots of overflow channel, possibly from beaver dam
 reel 5 @ 29+30

Fish Sampling:		Electro-Shocking Time: 41	Netting/Trapping Time:	Visual
Coho Salmon	juv.	5		3/4 salmonids
	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				

Region II SouthCentral

USGS Quad Cordova ~~ES~~, 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>98 047</u>	_____	_____
Revision Year: _____	Regional Supervisor	Date _____
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist	Date _____
Revision Code: _____	_____	_____
	Drafted	Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>coho salmon</u>	<u>7/27/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
<u>Dolly Varden</u>	<u>7/27/97</u>		<u>Y</u>		<input checked="" type="checkbox"/> ?
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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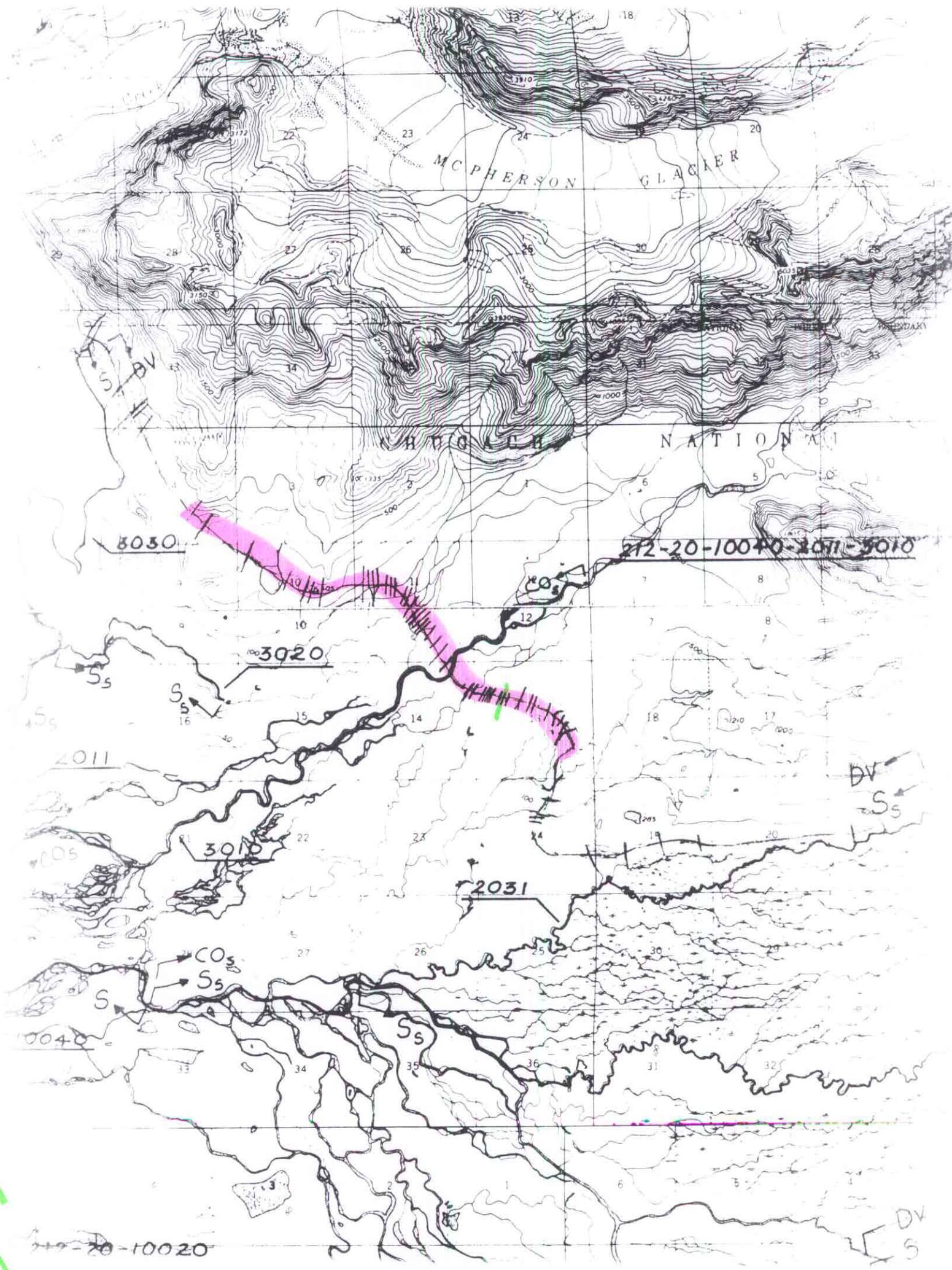
Comments:

Section Sampled (P-line for road)
Stream Sampled

Name of Observer (please print) Samantha Greenwood ALASKA DEPT. OF FISH & GAME
 Date: 11/25/96 Signature: Samantha Greenwood SEP 02 1997
 Address: PO Box 2551
Cordova, AK 99574 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

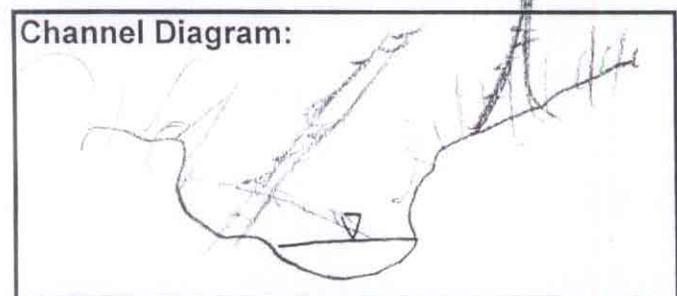
Date: 7 27 97	Time: 1301	Crew: GS, MB, JB, SG
Weather: Sun		Last Precipitation:
Stream ID: # 65	Stream Location: 453 14	

Habitat:	Water Clarity:	Muddy	Murky	Stained	Clear
Substrate (%):	Silt: 30	Sand: 70	Gravel:	Cobble:	Boulders:
PRR ratio (%):	Pool: 60	Riffle: 40	Run:		

Riparian Habitat:	
Dominant Vegetation:	Spruce Grass Moss Alder Blueberry
Wildlife Observations:	

Physical:	Temperature (C): 9.2	Dissolved Oxygen (mg/L): 8.35
	Conductivity (µS):	

Morphology:	Width: Present:	Bank Full:	Grade: low
	Depth: 1/4	1/2	3/4
	Flow: 1/4	1/2 2 m/s	3/4 @ fastest pt.



Comments:
 lots of lwd in channel
 very sinuous - dams have cut flow
 Extensive Beaver network all
 around, one large dam just upstream
 Rolls 31 + 32

Fish Sampling:		Electro-Shocking Time: 120	Netting/Trapping Time:	Visual
Coho Salmon	juv.	2		
	adult			
Sockeye Salmon	juv.			
	adult			
Pink Salmon	juv.			
	adult			
Chum Salmon	juv.			
	adult			
King Salmon	juv.			
	adult			
Cutthroat Trout	juv.			
	adult			
Dolly Varden	juv.	2		
	adult			
Other	SB	1		
	8			

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>98 048</u>	_____	_____
Revision Year: _____	Regional Supervisor _____	Date _____
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist _____	Date _____
Revision Code: _____	_____	_____
	Drafted _____	Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>Coho Salmon</u>	<u>7/27/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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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

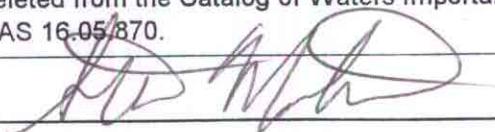
Address: PO Box 2551

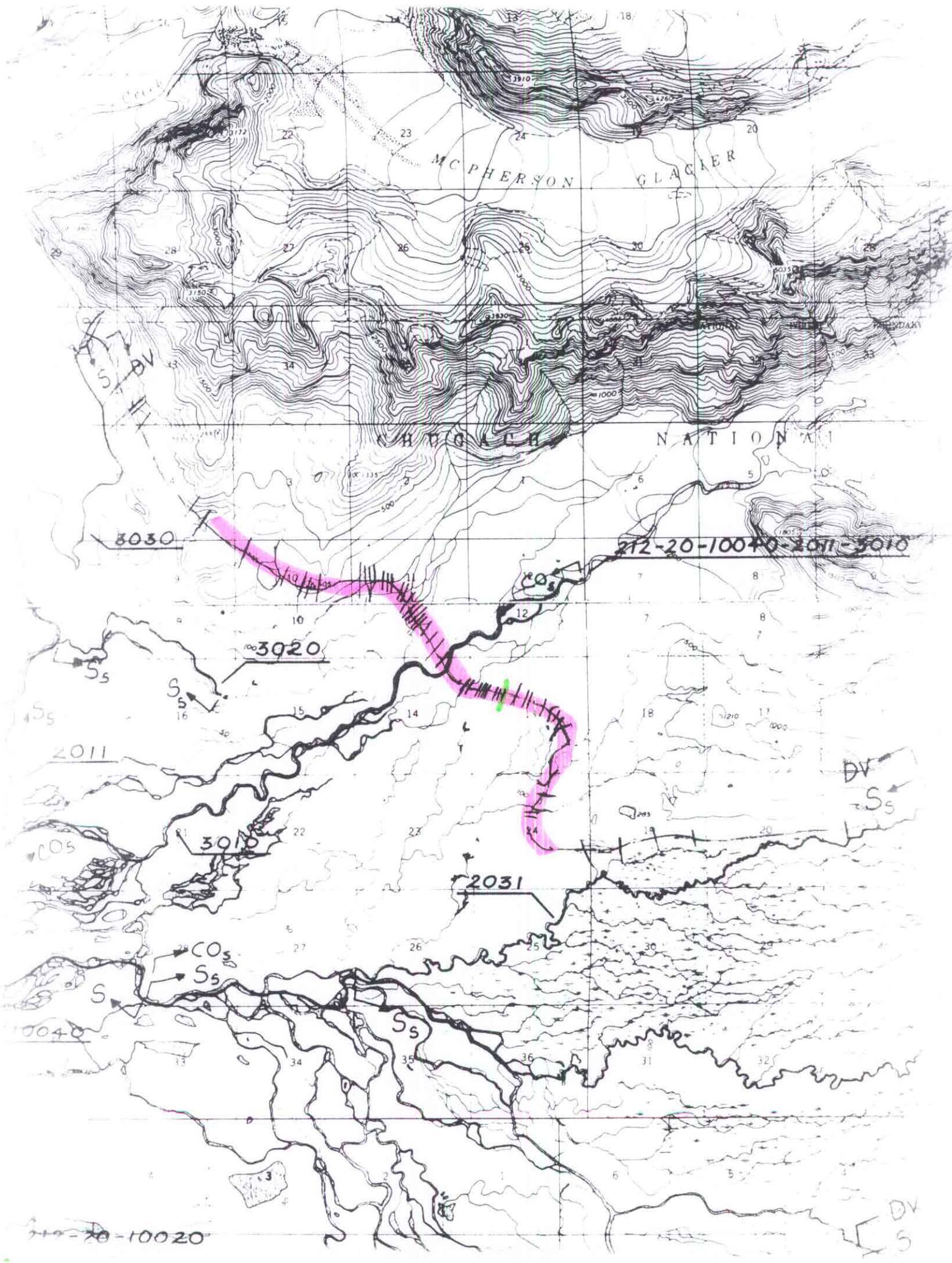
Cordova, AK 99574

REGION II
HABITAT AND RESTORATION
DIVISION

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Signature of Area Biologist: _____





Anadromous Stream Mapping Project

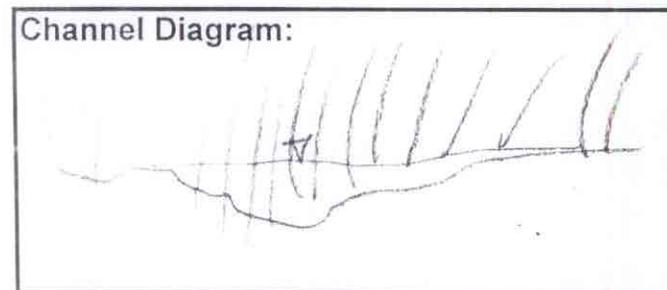
Date: 7/27/97	Time: 1327	Crew:
Weather:		Last Precipitation:
Stream ID: #66	Stream Location: 454 55	

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

Riparian Habitat:	Alder spruce hem Moss blueberry
Dominant Vegetation:	
Wildlife Observations:	

Physical:	Temperature (C): 8.1	Dissolved Oxygen (mg/L): 10.4
	Conductivity (µS):	

Morphology:	Width:	Present:	Bank Full:	Grade:
	Depth:	1/4	1/2	3/4
	Flow:	1/4	1/2	3/4



Comments:
 Flooded forest
 Many different flowing channels
 all affected by the busy beavers
 Photo 33434 Roll 15

Fish Sampling:		Electro-Shocking Time:	Netting/Trapping Time:	Visual
Coho Salmon	juv.	79		
	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				

S. L. ...

Region II SouthCentral

USGS Quad Cordova S, B2

Anadromous Water Catalog Number of Waterway 212-20-10040-2011-3010-4090-5032

Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>98 050</u>	Regional Supervisor <u>[Signature]</u>	Date <u>1/29/98</u>
Revision Year: _____	AWC Project Biologist	Date _____
Revision to: Atlas _____ Catalog _____		
Both <u>X</u>		
Revision Code: <u>A-2</u>	Drafted	Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>Coho</u>	<u>7/27/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
<u>Cutthroat</u>	<u>7/27/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
<u>Dolly Varden</u>	<u>7/27/97</u>		<u>X</u>		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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Comments: PHOTO INTERPRETED AS UPPER PORTION OF 5032 ABOVE SITES 64, 65, 66.

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

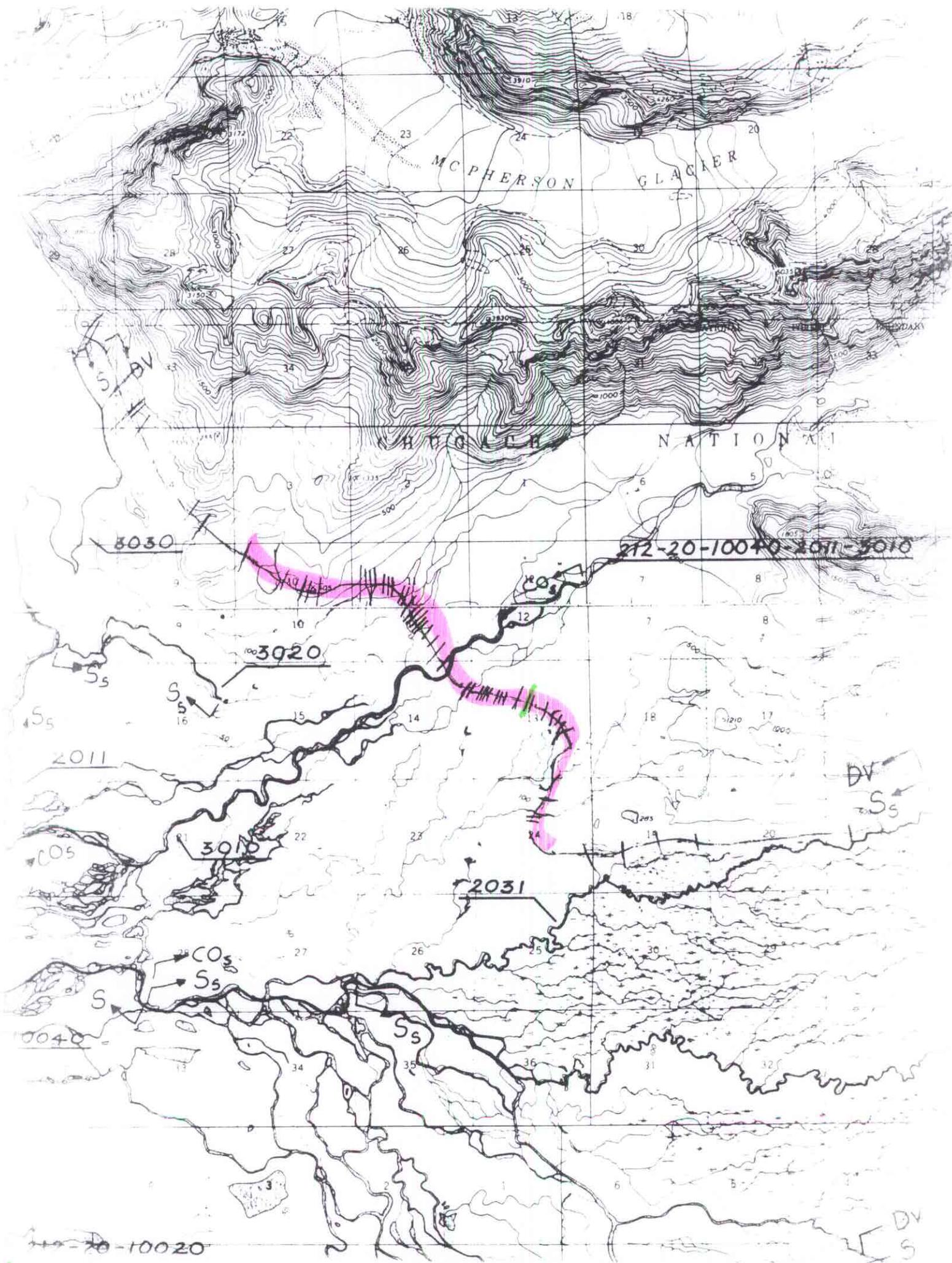
ALASKA DEPT. OF FISH & GAME

SEP 02 1997

REGION II HABITAT AND RESTORATION DIVISION

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Signature of Area Biologist: [Signature]



MCPHERSON GLACIER

MOUNT HOOD NATIONAL FOREST

8030

212-20-10040 2011-5010

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Anadromous Stream Mapping Project

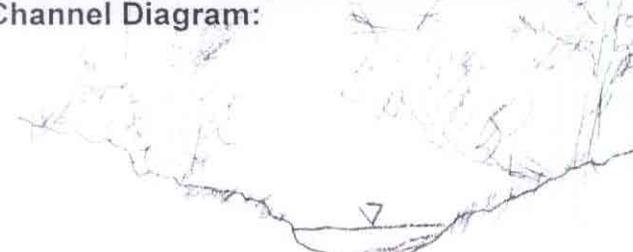
Date: 7 27 97	Time: 1452	Crew: "
Weather: Partly Cloudy		Last Precipitation:
Stream ID: # 68	Stream Location: 468 00	

Habitat:	Water Clarity:	Muddy	Murky	Stained	Clear
Substrate (%):	Silt: 80	Sand: 20	Gravel:	Cobble:	Boulders:
PRR ratio (%):	Pool:	Riffle:	Run: Glide		

Riparian Habitat:	Mass Alder Spruce Blueberry
Dominant Vegetation:	
Wildlife Observations:	

Physical:	Temperature (C): 4.0	Dissolved Oxygen (mg/L): 8.82
	Conductivity (µS): EF	

Morphology:	Width:	Present: 1 m	Bank Full: 1.5 m	Grade: 100
	Depth:	1/4	1/2 20cm	3/4
	Flow:	1/4	1/2 1.3 m/s	3/4

Channel Diagram:	Comments:
	roll 6 1+2 down 3 up Possibly connected to previous channels down stream

Fish Sampling:		Electro-Shocking Time:	Netting/Trapping Time:	Visual
Coho Salmon	juv.	76		
	adult			
Sockeye Salmon	juv.			
	adult			
Pink Salmon	juv.			
	adult			
Chum Salmon	juv.			
	adult			
King Salmon	juv.			
	adult			
Cutthroat Trout	juv.	11		
	adult			
Dolly Varden	juv.	1		
	adult			
Other	SC	11		

S. J. ...

