



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region SCN

USGS Quad(s) Valdez B-5, C4

Fish Distribution Database Number of Waterway 212-20-10080-2331

Name of Waterway Tonsina River USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>07-913</u>	<u>[Signature]</u> ADF&G Fisheries Scientist	<u>11/2/07</u> Date
Revision Year: <u>2008</u>	<u>[Signature]</u> ADNR OHMP Operations Mgr.	<u>11/2/07</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> FDD Project Biologist	<u>10/24/07</u> Date
Revision Code: <u>A-1</u>	<u>[Signature]</u> Cartographer	<u>11/29/07</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon (15)	09/01-02/2006		X		<input checked="" type="checkbox"/>
Chinook salmon (6)	09/02/2006		X		<input checked="" 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: Extend Tonsina River (212-20-10080-2331) w/Chinook and sockeye salmon rearing

Name of Observer (please print): Matt Sloat
 Signature: _____ Date: _____
 Agency: Stillwater Sciences
 Address: 2855 Telegraph Ave, Suite 400
Berkeley, CA 94705

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 Fish Distribution Database.

Signature of Area Biologist: [Signature] Date: 11/01/07 Revision 02/05
 Name of Area Biologist (please print): [Signature]

Johnson, J D (DFG)

From: Somerville, Mark A (DFG)
Sent: Thursday, November 01, 2007 9:41 AM
To: Johnson, J D (DFG)
Subject: RE: non-dept nominations to FDD/AWC

J,

I have reviewed Stillwater Inc.'s nominations to the Anadromous Waters Catalog for Greyling Creek (add king and coho rearing in lower part of creek), the Upper Tonsina River (add king and sockeye rearing to river section just above the lake), and the Tonsina River (add king and sockeye rearing in section just below lake outlet). I was a little skeptical of the king salmon identifications in the Greyling Creek samples due to the size of the two individuals and suspect they may be mis-identified coho juveniles. However, it is likely king salmon juveniles are present and rearing in Greyling Creek and Stillwater personnel handled a fair number of king salmon juveniles so their identifications should be as accurate as any in distinguishing king salmon juveniles from coho salmon juveniles.

Therefore, I concur with the nominations as presented.

Thank you for the opportunity to review these nominations.

MAS

Mark A. Somerville
 Area Management Biologist
 Alaska Department of Fish and Game
 PO Box 47
 Glennallen, AK 99588
 phone: 907-822-3309
 fax: 907-822-3811
 cell: 907-590-3312

From: Johnson, J D (DFG)
Sent: Monday, October 29, 2007 1:01 PM
To: Somerville, Mark A (DFG)
Subject: RE: non-dept nominations to FDD/AWC

Mark
 Here ya go
 I'll send a follow-up email w/o attachment so ya know noms were sent.

J. Johnson
 ADF&G
 Fish Distribution Database
 Project Biologist
 907-267-2337

From: Somerville, Mark A (DFG)
Sent: Monday, October 29, 2007 12:52 PM
To: Johnson, J D (DFG)
Subject: RE: non-dept nominations to FDD/AWC

Feel free to send me the nominations from Stillwater. I am aware of their work on Greyling creek and the Tonsina, but would like to see what they are nominating.

MAS

Mark A. Somerville
 Area Management Biologist
 Alaska Department of Fish and Game

11/1/2007



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

ALASKA DEPT. OF
FISH & GAME

OCT 30 2007

Region SCN USGS Quad(s) Valdez B-S
 Fish Distribution Database Number of Waterway 212-20-10080-2331
 Name of Waterway Tonsina River USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use	
Nomination # _____	ADF&G Fisheries Scientist _____ Date _____
Revision Year: <u>2008</u>	ADNR OHMP Operations Mgr. _____ Date _____
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Both <u>X</u>	Cartographer _____ Date _____
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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: Extend Tonsina River (212-20-10080-2331) w/Chinook and sockeye salmon rearing

Name of Observer (please print): Matt Sloat
 Signature: *Matt Sloat* Date: 10/22/07
 Agency: Stillwater Sciences
 Address: 2855 Telegraph Ave, Suite 400
Berkeley, CA 94705

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 Fish Distribution Database.

Signature of Area Biologist: _____ Date: _____ Revision 02/05
 Name of Area Biologist (please print): _____

Collecting Activities Report

Permit No. SF2006-194

January 31, 2007

Tammy Davis

Alaska Dept of Fish and Game

Division of Sport Fish HQ

PO Box 115525

Juneau, AK 99811-5525

Surveys were conducted in the Tonsina River subbasin of the Copper River watershed between the dates of September 1 and September 4, 2006. A total of 165 fish were captured among 5 locations. Species included coho, chinook and sockeye salmon, dolly varden, and whitefish. Each fish was released alive and in good health at the location of capture. No mortalities were encountered. See table below for individual lengths and widths. See the attached map for site locations.

Species	Location	Date	Count	Length (mm)	Weight (g)
Chinook	Lower Tonsina	9/2/2006	1	78	5
Chinook	Lower Tonsina	9/3/2006	1	78	5
Chinook	Upper Greyling Creek	9/4/2006	1	63	not measured
Chinook	Upper Greyling Creek	9/4/2006	1	70	5.7
Chinook	Upper Tonsina	9/2/2006	1	77	8.2
Chinook	Upper Tonsina	9/2/2006	1	80	5.6
Chinook	Upper Tonsina	9/2/2006	1	85	8.7
Chinook	Upper Tonsina	9/4/2006	1	87	7.4
Chinook	Upper Tonsina	9/2/2006	1	89	8.9
Chinook	Upper Tonsina	9/2/2006	1	90	8.6
Coho	Lower Greyling Creek	9/4/2006	1	63	3.1
Coho	Lower Greyling Creek	9/4/2006	1	63	2.7
Coho	Lower Greyling Creek	9/3/2006	1	64	2.8
Coho	Lower Greyling Creek	9/4/2006	1	64	2.8
Coho	Lower Greyling Creek	9/4/2006	1	65	3.5
Coho	Lower Greyling Creek	9/4/2006	1	67	3.4
Coho	Lower Greyling Creek	9/4/2006	1	67	4.6
Coho	Lower Greyling Creek	9/4/2006	1	69	4
Coho	Lower Greyling Creek	9/4/2006	1	69	4
Coho	Lower Greyling Creek	9/4/2006	1	73	4.8
Coho	Lower Greyling Creek	9/4/2006	1	73	4.7
Coho	Lower Greyling Creek	9/4/2006	1	73	4.8
Coho	Lower Greyling Creek	9/4/2006	1	74	4.1
Coho	Lower Greyling Creek	9/4/2006	1	76	5.2
Coho	Lower Greyling Creek	9/4/2006	1	80	5
Coho	Upper Greyling Creek	9/3/2006	1	56	2.1
Coho	Upper Greyling Creek	9/3/2006	1	56	2.1
Coho	Upper Greyling Creek	9/3/2006	1	64	not measured
Coho	Upper Greyling Creek	9/3/2006	1	64	not measured
Coho	Upper Greyling Creek	9/3/2006	1	65	3.3
Coho	Upper Greyling Creek	9/3/2006	1	65	3.9
Coho	Upper Greyling Creek	9/3/2006	1	65	3.2
Coho	Upper Greyling Creek	9/3/2006	1	65	not measured
Coho	Upper Greyling Creek	9/3/2006	1	66	not measured
Coho	Upper Greyling Creek	9/3/2006	1	66	not measured
Coho	Upper Greyling Creek	9/3/2006	1	67	4.5
Coho	Upper Greyling Creek	9/3/2006	1	67	4.4
Coho	Upper Greyling Creek	9/3/2006	1	67	2.8
Coho	Upper Greyling Creek	9/3/2006	1	68	not measured
Coho	Upper Greyling Creek	9/3/2006	1	70	3.4
Coho	Upper Greyling Creek	9/3/2006	1	70	4

Species	Location	Date	Count	Length (mm)	Weight (g)
Coho	Upper Greyling Creek	9/3/2006	1	70	not measured
Coho	Upper Greyling Creek	9/3/2006	1	70	not measured
Coho	Upper Greyling Creek	9/3/2006	1	72	6.5
Coho	Upper Greyling Creek	9/3/2006	1	73	4.3
Coho	Upper Greyling Creek	9/3/2006	1	73	4.2
Coho	Upper Greyling Creek	9/3/2006	1	74	4.7
Coho	Upper Greyling Creek	9/3/2006	1	75	4.7
Coho	Upper Greyling Creek	9/3/2006	1	76	4.6
Coho	Upper Greyling Creek	9/3/2006	1	79	5.6
Coho	Upper Greyling Creek	9/3/2006	1	79	8.8
Dolly Varden	Upper Greyling Creek	9/3/2006	1	76	not measured
Dolly Varden	Upper Greyling Creek	9/3/2006	1	79	5.1
Dolly Varden	Upper Greyling Creek	9/3/2006	1	140	13.3
Dolly Varden	Upper Greyling Creek	9/3/2006	1	140	12.4
Dolly Varden	Upper Greyling Creek	9/3/2006	1	150	not measured
Dolly Varden	Upper Tonsina	9/2/2006	1	65	4.3
Sockeye	Lower Tonsina	9/4/2006	1	46	not measured
Sockeye	Lower Tonsina	9/4/2006	1	46	not measured
Sockeye	Lower Tonsina	9/4/2006	1	50	not measured
Sockeye	Lower Tonsina	9/4/2006	1	52	not measured
Sockeye	Lower Tonsina	9/4/2006	1	52	not measured
Sockeye	Lower Tonsina	9/4/2006	1	55	not measured
Sockeye	Lower Tonsina	9/4/2006	53	not measured	not measured
Sockeye	Lower Tonsina	9/4/2006	8	not measured	not measured
Sockeye	Lower Tonsina	9/4/2006	24	not measured	not measured
Sockeye	Upper Tonsina	9/2/2006	1	57	3.4
Sockeye	Upper Tonsina	9/2/2006	1	59	3.1
Sockeye	Upper Tonsina	9/2/2006	1	61	3.6
Sockeye	Upper Tonsina	9/2/2006	1	66	3.4
Sockeye	Upper Tonsina	9/1/2006	1	28	not measured
Sockeye	Upper Tonsina	9/1/2006	1	29	not measured
Sockeye	Upper Tonsina	9/1/2006	1	29	not measured
Sockeye	Upper Tonsina	9/1/2006	1	30	not measured
Sockeye	Upper Tonsina	9/1/2006	1	39	not measured
Sockeye	Upper Tonsina	9/1/2006	1	40	not measured
Sockeye	Upper Tonsina	9/1/2006	1	40	not measured
Sockeye	Upper Tonsina	9/2/2006	1	44	2.8
Sockeye	Upper Tonsina	9/2/2006	1	47	not measured
Sockeye	Upper Tonsina	9/2/2006	1	64	3.6
Sockeye	Upper Tonsina	9/2/2006	1	65	3.5
Whitefish	Lower Tonsina	9/4/2006	1	230	not measured
Whitefish	Upper Tonsina	9/2/2006	1	93	6.2

The above information represents fish collected under Permit #SF2006-194

If you have any questions, please call Mr. Matt Sloat at (510) 848-8098 x117.

Certified True and Accurate:



Mr. Matt Sloat, Fisheries biologist
Stillwater Sciences

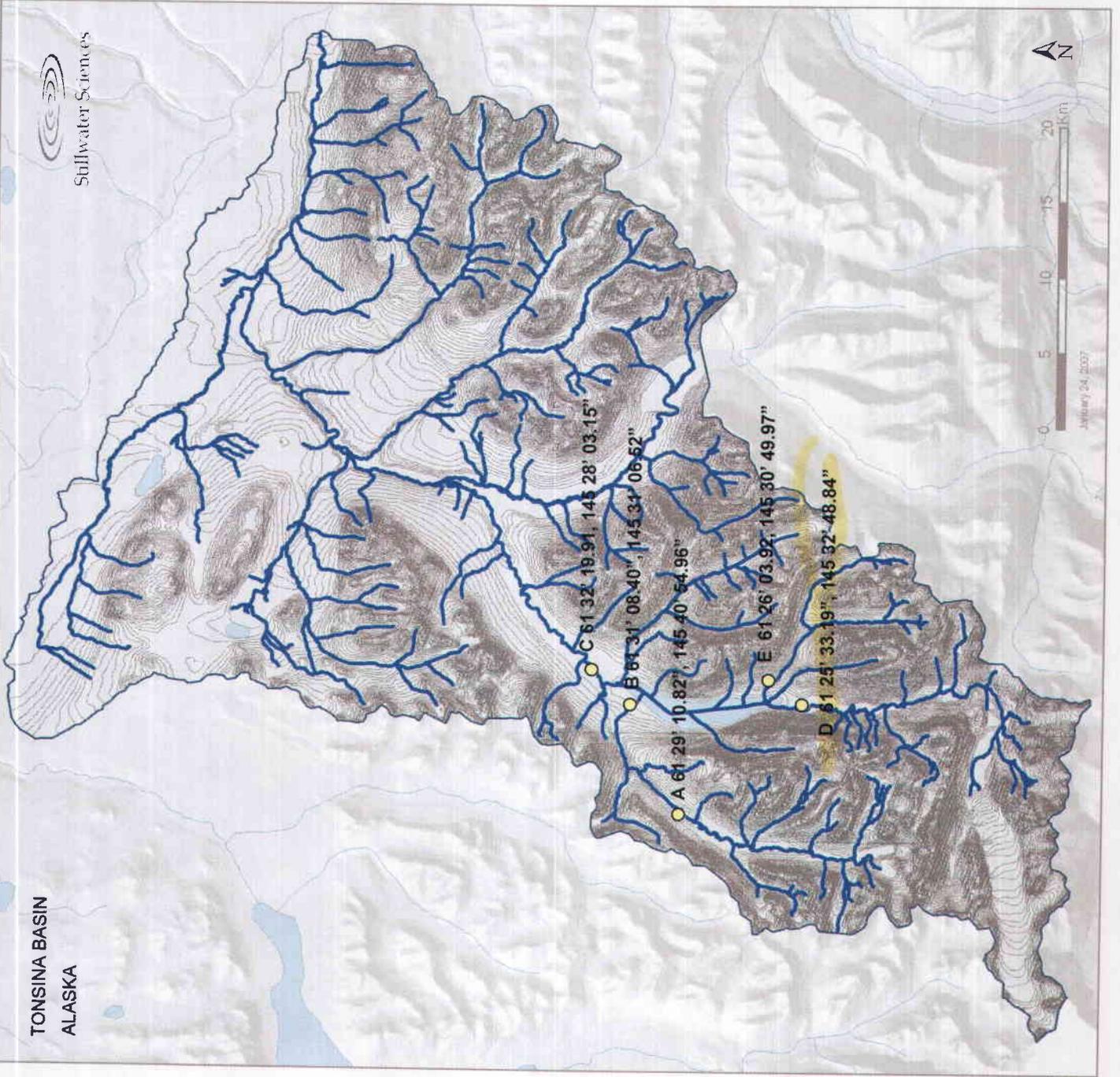
Attachments

TONSINA BASIN
ALASKA



Legend

- A ○ Upper Greyling Creek
- B ○ Lower Greyling Creek
- C ○ Lower Tonsina River
- D ○ **Upper Tonsina River**
- E ○ Hurtle Creek



145°28'3.15"W, 61°32'19.91"N
2 - Chinook salmon juv
1 - whitefish juv
5 - sockeye salmon juv

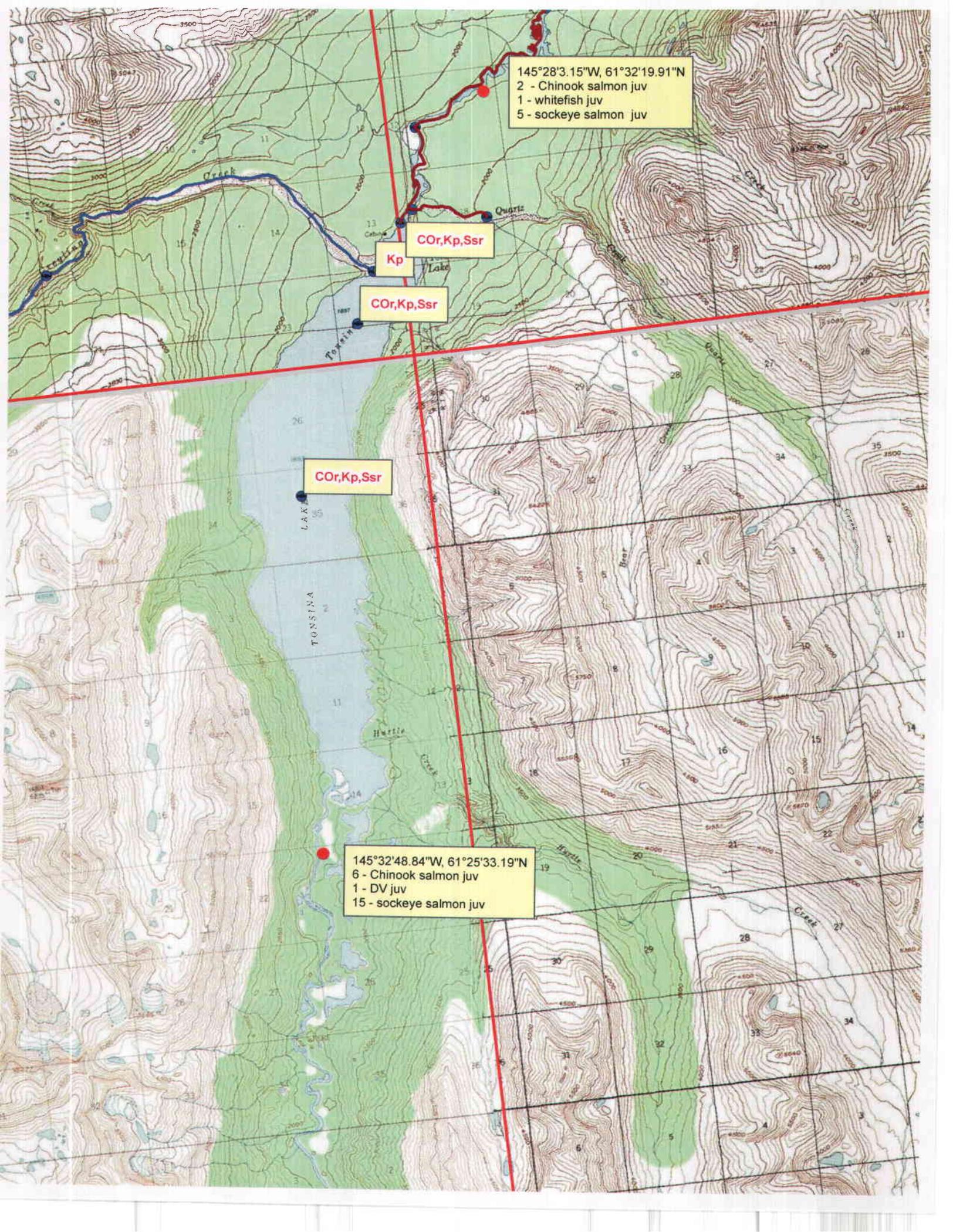
COr,Kp,Ssr

Kp

COr,Kp,Ssr

COr,Kp,Ssr

145°32'48.84"W, 61°25'33.19"N
6 - Chinook salmon juv
1 - DV juv
15 - sockeye salmon juv



145°28'3.15"W, 61°32'19.91"N
2 - Chinook salmon juv
1 - whitefish juv
5 - sockeye salmon juv

Extend

212-2010080-2331

w/ Chinook & Sockeye

Salmon Leasing

SRKE
↖
↗

145°32'48.84"W, 61°25'33.19"N
6 - Chinook salmon juv
1 - DV juv
15 - sockeye salmon juv

