



State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central USGS Quad: Anchorage C-5,

Anadromous Waters Catalog Number of Waterway: 247-50-10200-2081-3041 - 0938 (6010) Status: _____

Name of Waterway: 3041-4021 (4041) USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	110701	<i>[Signature]</i>	10/28/11
		Fisheries Scientist	Date
Revision Year:	2012	<i>[Signature]</i>	10/28/11
		Habitat Operations Manager	Date
Revision to: Atlas _____ Catalog _____		<i>[Signature]</i>	10/19/11
Both <input checked="" type="checkbox"/>		AWC Project Biologist	Date
Revision Code: B-2, A-2, A2d		<i>[Signature]</i>	4/8/11
		Cartographer	Date

Projcode: FSS11 Reach ID: FSS1121A03

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon (juvenile) (15)	08/24/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
Dolly Varden (juvenile) (3)	08/24/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
sockeye salmon (adult spawning) (30)	08/24/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anadromous
sockeye salmon (juvenile) (1)	08/24/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
threespine stickleback (juvenile/adult) (3)	08/24/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown

*Add sockeye salmon present to 247 50-10200-2081-3041 and 2081-0010
add sockeye salmon rearing to polygon 247-50-10200 2081 3041-0938
(ref north 11-555)
add new stream 247 50-10200-2081-3041-4021 w/ sockeye salmon
rearing, present
add new stream 247-50-10200-2081-3041-4041 w/ sockeye salmon rearing*

Additional Comments: We visited a series of sites along 247-50-10200-2081-3041 and found COr, Sr, and Ss. This drainage comprises a complex of wetlands, streams, ponds and lakes, which are probably seasonally inundated and connected when the Knik River is high (e.g., see the attached BDL image showing flooding in the Swan/Leaf lakes area). More intensive mapping is needed to identify salmon spawning areas and delineate the range/perimeter used by rearing anadromous fishes.
Add COr, Srs.

Reviewed \ Submitted By: Joe Buckwalter, Habitat Biologist II

Phone: (907) 267-2345

Date Printed: 10/6/2011

Signature: *Joe Buckwalter*

Address: Alaska Department of Fish and Game, Division of Sport Fish, RTS
333 Raspberry Rd
Anchorage, AK 99518

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 Anadromous Waters Catalog

Signature of Area Biologist: _____ Date: _____



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Continuation of Reach: FSS1121A03

Station: FSS1121A03

Region: South Central USGS Quad: Anchorage C-5 Legal Desc.: S017N004E31

Addition Deletion Correction Backup Information Latitude\Longitude: 61.52175 \ -148.81443 (NAD83)

Observation Information

Date Observed: 08/24/201 Observer: Joe Buckwalter, Habitat Biologist II
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): MTQ (11)

Life History: Unknown

Species\Lifestage: Dolly Varden juvenile

Sample Method (# Fish): MTQ (3)

Key to Sample Method

Sample Method: (MTQ) Minnow Trap, 1/4 in. Mesh

Additional Comments: (Date 8/24/2011) Add COr to 247-50-10200-2081-3041.



FSS1121A030809.jpg

Station: FSS1121A04

Region: South Central USGS Quad: Anchorage C-5 Legal Desc.: S017N003E25

Addition Deletion Correction Backup Information Latitude\Longitude: 61.53202 \ -148.84128 (NAD83)

Observation Information

Date Observed: 08/24/201 Observer: Joe Buckwalter, Habitat Biologist II
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): MTQ (4)

Species\Lifestage: sockeye salmon juvenile

Sample Method (# Fish): MTQ (1)

Life History: Unknown

Species\Lifestage: threespine stickleback juvenile/adult

Sample Method (# Fish): MTQ (3)

Key to Sample Method

Sample Method: (MTQ) Minnow Trap, 1/4 in. Mesh

Additional Comments: (Date 8/24/2011) Add COr and Sr to 247-50-10200-2081-3041.



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Continuation of Reach: FSS1121A03



FSS1121A040810.jpg



FSS1121A040811.jpg

Station: FSS1121A06

Region: South Central **USGS Quad:** Anchorage C-5 **Legal Desc.:** S017N003E26

Addition **Deletion** **Correction** **Backup Information** **Latitude\Longitude:** 61.53677 \ -148.85368 (NAD83)

Observation Information

Date Observed: 08/24/201 **Observer:** Joe Buckwalter, Habitat Biologist II
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species/Lifestage: sockeye salmon adult spawning

Sample Method (# Fish): VOH (30)

Key to Sample Method

Sample Method: (VOH) Visual Observation, Helicopter

Additional Comments: (Date 8/24/2011) Add Ss to 247-50-10200-2081-3041. This site is a spring-fed alcove at the foot of the mountain.



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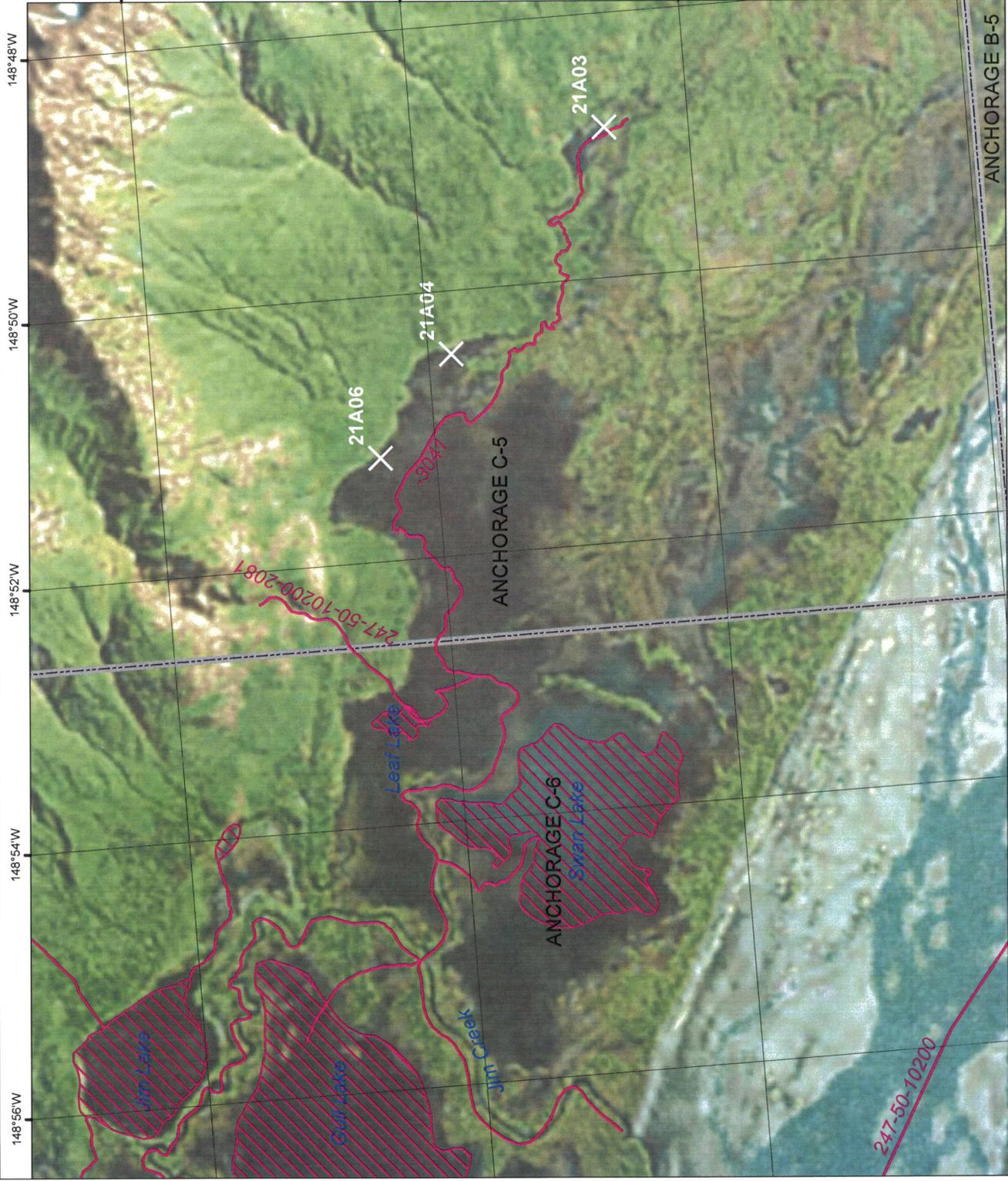
Continuation of Reach: FSS1121A03



FSS1121A060812.jpg
Sockeye salmon spawning.



FSS1121A060813.jpg
Sockeye salmon spawning.



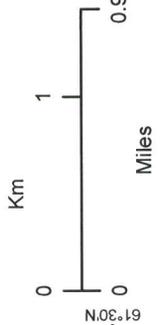
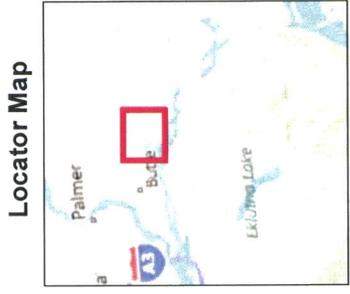
Fish inventory site

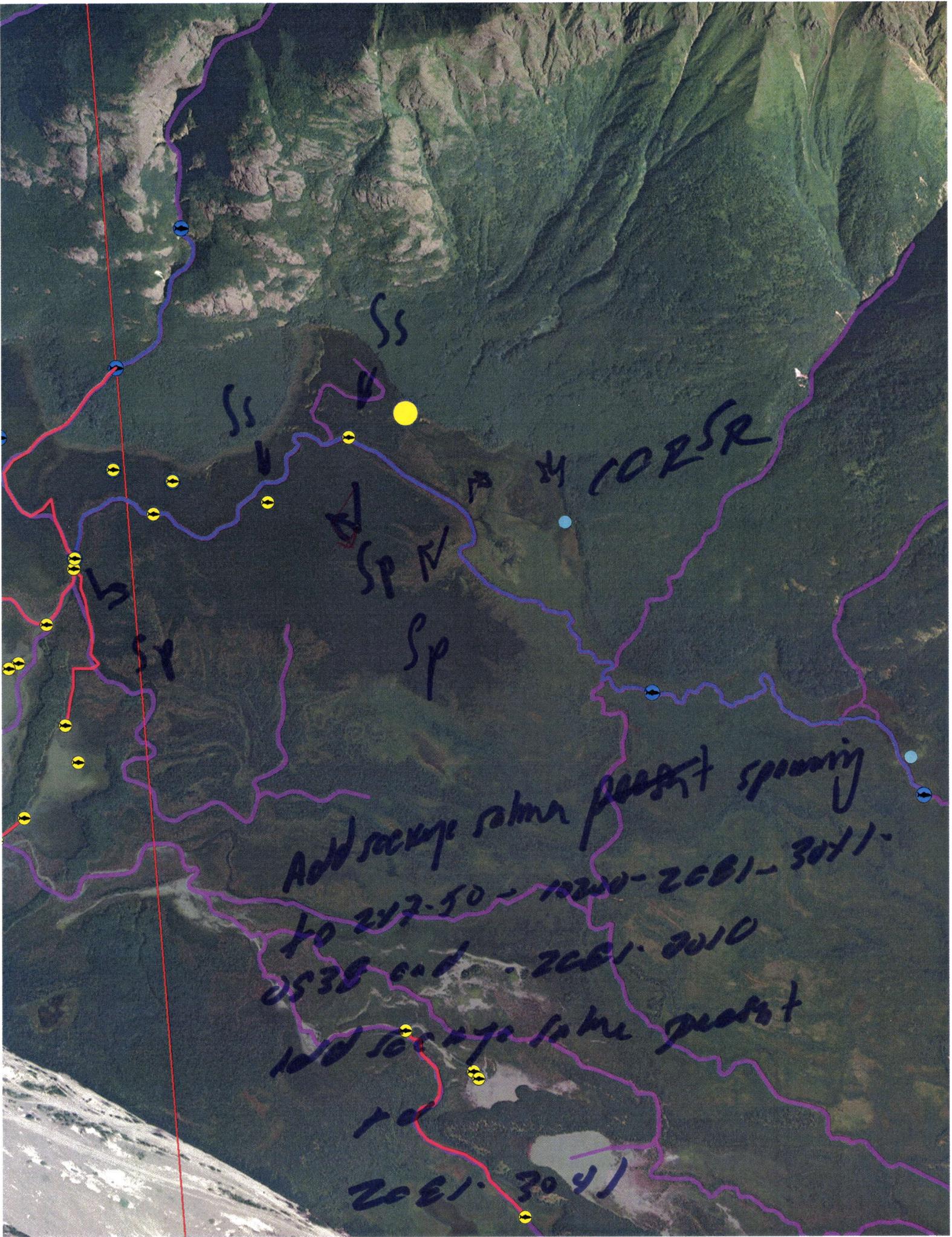
AWC stream (2011)

AWC lakes (2011)

ITM quads

Imagery:
UAF GINA-BDL WMS





SS

SS

1025R

SP

Sp

SS

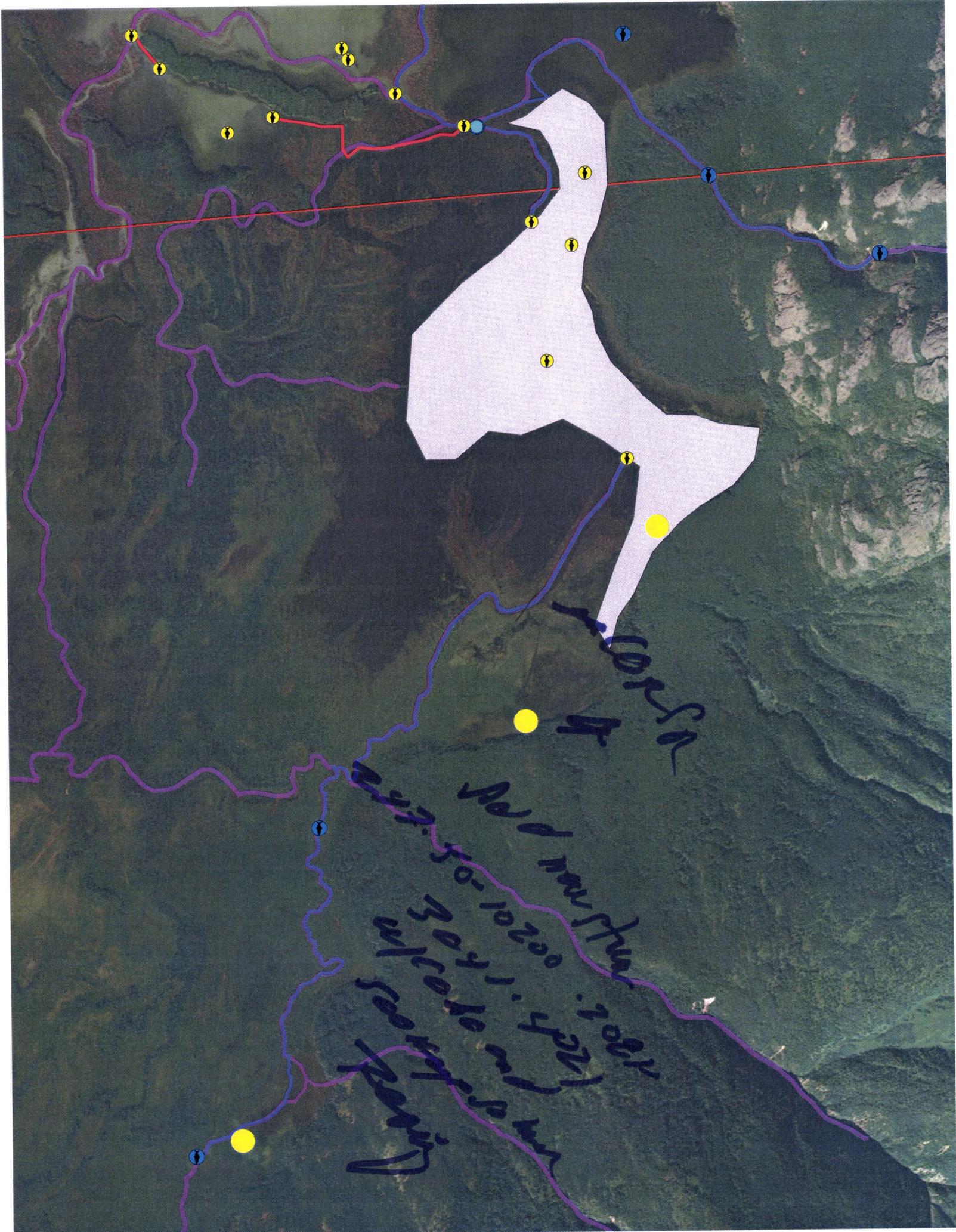
SS

Add rockpools rather present spawning
to 247-50 - 10200-2001-3011-

0538 cad. . 2001-2010
add rockpools rather present

to

2001-3011



Morso

1000-10200
10200-10400
10400-10600
10600-10800
10800-11000
11000-11200
11200-11400
11400-11600
11600-11800
11800-12000
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12400-12600
12600-12800
12800-13000
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19600-19800
19800-20000

