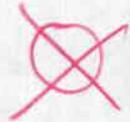




State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Fish Distribution Database



Region Southwest USGS Quad(s) Iliamna D-7

Fish Distribution Database Number of Waterway 325-30-10100-2202-3080 (-0050)

Name of Waterway Unnamed tributary to Fryingpan Lake (Koktuli River)  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>07-939</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>11/20/07</u> Date
Revision Code: <u>A-2, A-1</u>	<u>[Signature]</u> Cartographer	<u>11/20/07</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	July 30-31, 2004		Y		<input checked="" type="checkbox"/>
others (attached)			Y		<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:

This nomination summarizes fish observations from 5 sites all located within the headwaters of the Koktuli River (South Fork) above Fryingpan Lake (local name). Fish were captured using a backpack electrofisher. See the attached spreadsheet for more site-specific details.

These observations were reported to ADF&G in HDR's 2004 Fish Resource Permit (FRP) report (cover page & relevant data pages attached).

*Extend 325-30-10100-2202-3080 w/ coho salmon rearing on present address like 325-30-10100-2202-3080-0050 w/ coho salmon present*

Name of Observer (please print): Joe Buckwalter  
Signature: [Signature] Date: 11/2/2007  
Agency: ADF&G Division of Sport Fish, Region 5  
Address: 333 Raspberry Road  
Anchorage, AK 99518

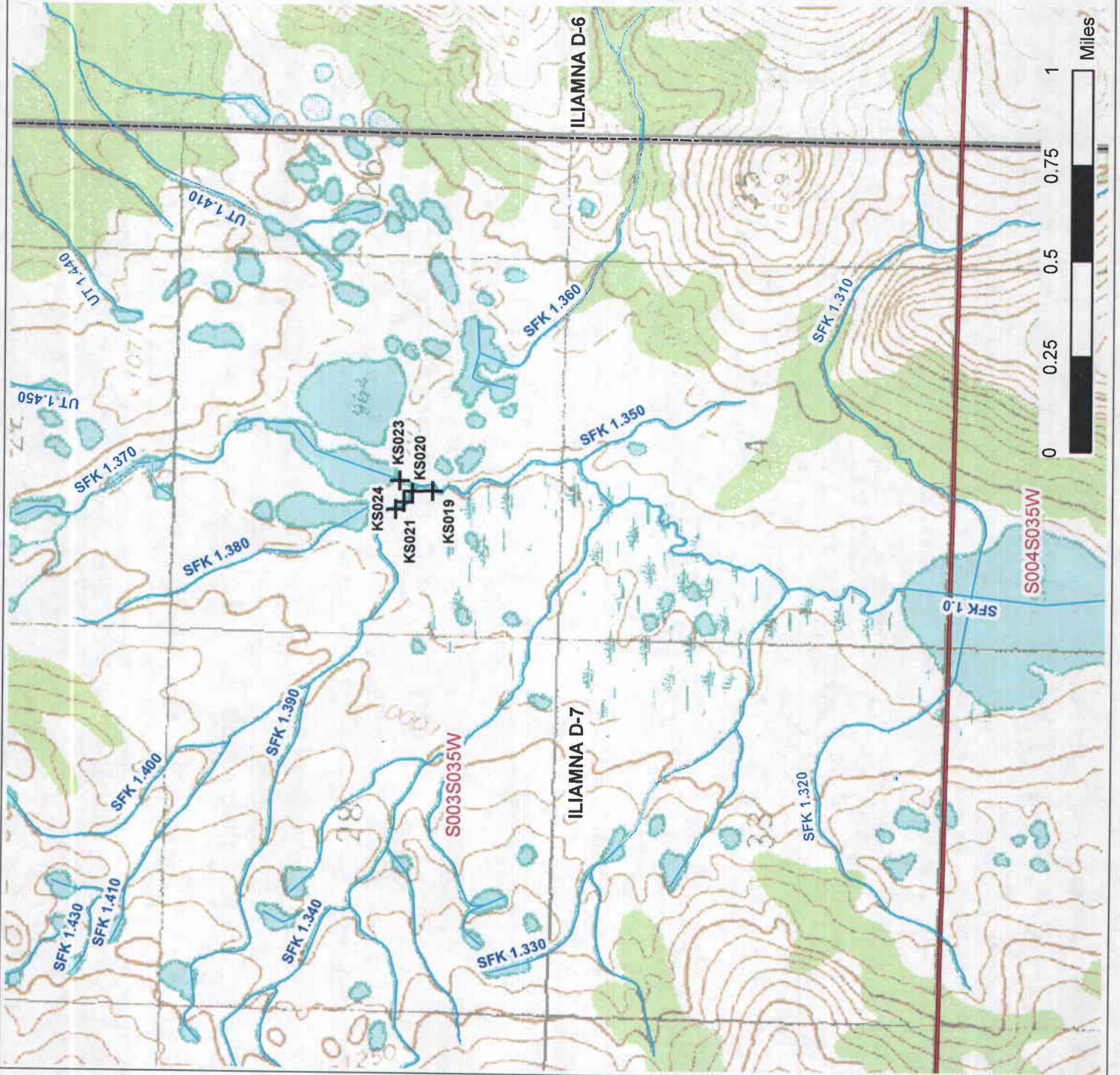
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Fish Distribution Database.

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

# Coho salmon rearing in the Fryingspan Lake inlet stream (headwaters of Koktuli River (S. Fk))

## Legend

- + Coho salmon (rearing); HDR 2004
-  Streams
-  Township boundaries
-  ITM quad boundaries



**To** Sandy Sonnichsen  
Alaska Department of Fish and Game  
Division of Sport Fish RTS  
333 Raspberry Road  
Anchorage, AK 99518-1599



*M e m o r a n d u m*

**From** Paul McLarnon  
HDR Alaska, Inc.  
2525 C Street, Suite 305  
Anchorage, AK 99503

**Date** November 23, 2004

**Subject** Fisheries report in reference to Permit No. SF-2004-114 and Amendment No. SF2004-114-A-1

## **INTRODUCTION**

In compliance with the reporting requirements associated with Fish Resource Permit No. SF-2004-114 and amendment No. SF2004-114-A-1. This report summarizes the fish sampling efforts conducted within the Pebble Gold Copper project area and along the proposed road corridor by biologists from HDR Alaska, Inc. and Northern Ecological Services. Sampling was conducted between April and October 2004. The main purpose of the study was to document the distribution, relative abundance, and variety of fish species within the Pebble Gold Copper project area.

It should be noted that based on a request from ANDR and ADF&G during a recent meeting, anadromous stream nominations for streams associated with the road corridor were filed with J. Johnson, Alaska Department of Fish and Game, FDD Project Biologist.

## **METHODS**

Methods of capture ranged from minnow trapping, beach seining, hook and line, and backpack electroshocking. With the exception of 200 juvenile salmon and ten northern pike kept for tissue analysis all fish captured were returned alive at the point of capture.

## **RESULTS**

The corresponding USGS Quadrangle is Iliamna D-6. The GPS coordinate datum is WGS84 and the coordinate format is decimal-minutes.

8/3/04	Frying Pan Lake	Northern Pike	92,103,66,139,89,98,100,89,92,95, 101,71,76,96,101,105,94,96,95,73, 560,596,609,589,564,117,91,98,103,89, 82,99,101,104,78,496,573,716,574,615, 478
		Arctic Grayling	65,69,68,69,70,73,74,72,65,70,74,74
8/4/04	Frying Pan Lake	Northern Pike	417,121,96,89,104,93,86,107,117,111, 88,123,101,82,81,86,105,80,99,95,106, 95,72,550,618,597,562,466,629,133, 93,95,98,71,87,88,95,100,91,88,95,103, 110,95,87,93,100,95,153,195
		Arctic Grayling	72,66,64,67,76,75,69,75,72,67,70,75, 72,74,72

### Electro-fishing 7/2004 – 8/2004

Date	Sampling Location	Species	Length (mm)
<b>South Fork Kaktuli 1.0 – above Frying Pan Lake</b>			
7/30/04	N59 52.388 W155 17.039	Arctic Grayling	121,59,169
7/30/04	N59 52.418 W155 16.989	0	
7/30/04	N59 52.573 W155 16.903	Arctic Grayling Northern Pike	68 70
7/30/04	N59 52.794 W155 16.665	Arctic Grayling Sculpin	<u>70,71,69,73</u> (2) total
7/30/04	N59 52.813 W155 16.613	Sculpin	(2) total
7/30/04	N59 52.980 W155 16.530	0	
7/30/04	N59 53.079 W155 16.591	Sculpin	(1) total
7/30/04	N59 53.135 W155 16.622	Northern Pike Arctic Grayling Sculpin	<u>119,97,119,115,78</u> <u>175,166</u> (4) total
7/30/04	N59 53.165 W155 16.611	Northern Pike Arctic Grayling Sculpin	<u>116,94,165,119</u> <u>138,70,98,60,155,68</u> (11) total
7/30/04	N59 53.179 W155 16.625	Northern Pike Arctic Grayling Coho Sculpin	<u>110</u> <u>79,76</u> <u>80</u> (3) total
7/30/04	N59 53.250 W155 16.596	Northern Pike  Arctic Grayling Sculpin	116,112,136,127,84, <u>100</u> <u>76,80,76,79</u> (16) total
7/30/04	N59 53.253 W155 16.581	Coho Northern Pike  Arctic Grayling	<u>86,94,81,85,88</u> 177,150,141,149,90, <u>152,130,142,110,160</u> 140,184,168,168,76, 169
7/31/04	N59 53.224 W155 16.629	Arctic Grayling Northern Pike Coho Sculpin	<u>64</u> <u>91</u> <u>73</u> (3) total
7/31/04	N59 53.243	Coho	<u>73</u>

K5019

K5023

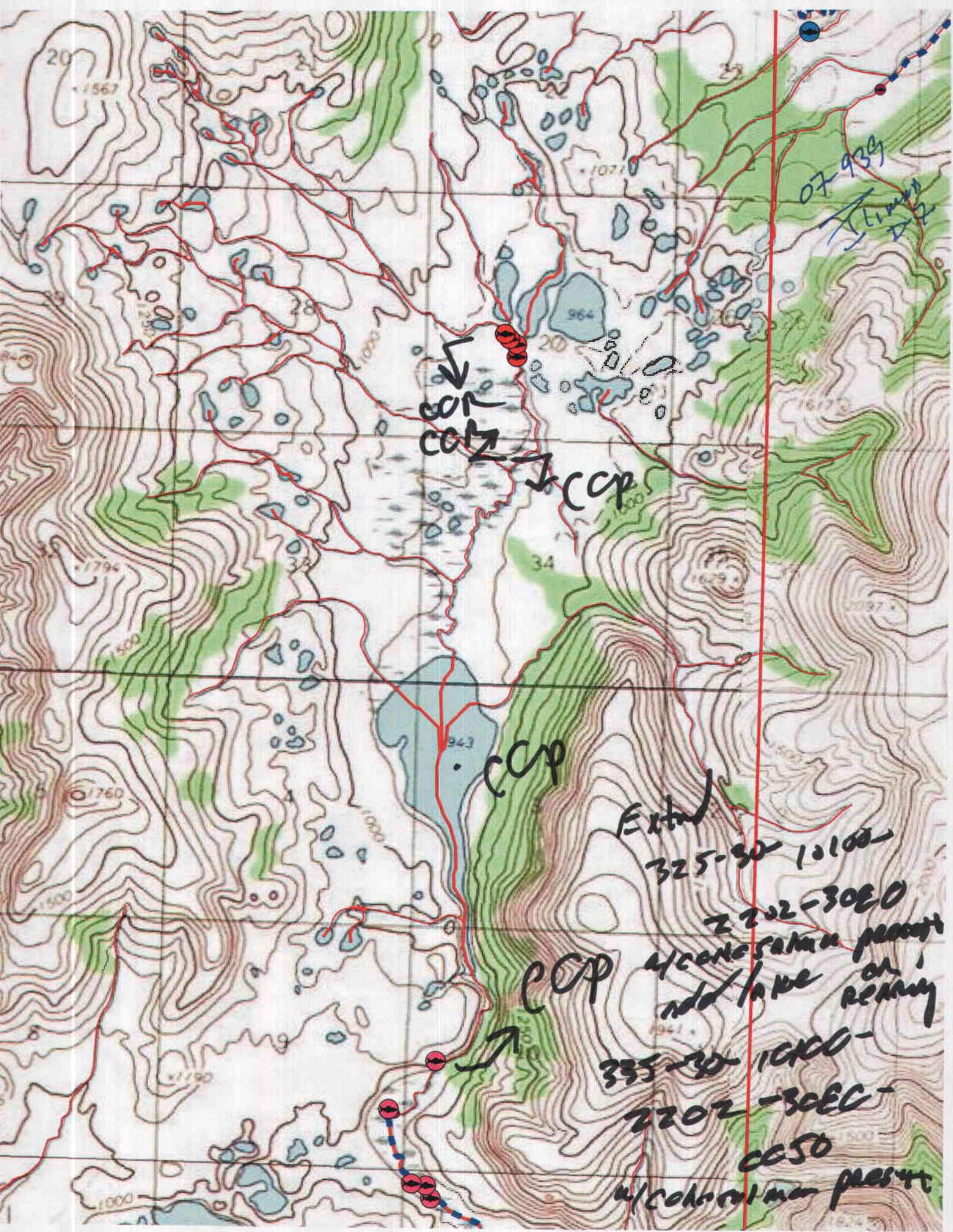
K5020

K5021

K5024

	W155 16.678	Sculpin	(12) total
7/31/04	N59 53.261 W155 16.711	Coho Arctic Grayling Northern Pike Sculpin	93,82,74,98,74 154,155,70 107,106,93,96 (7) total
7/31/04	N59 53.303 W155 16.830	Sculpin	(9) total
7/31/04	N59 53.275 W155 16.990	0	
7/31/04	N59 53.267 W155 17.126	Sculpin	(10) total
7/31/04	N59 53.311 W155 17.239	Sculpin	(1) total
7/31/04	N59 53.396 W155 17.436	Sculpin	(9) total
8/1/04	N59 52.353 W155 17.068	Northern Pike Sculpin	90,84 (1) total
8/1/04	N59 52.415 W155 17.119	0	
8/1/04	N59 52.441 W155 17.213	Sculpin	(1) total
8/1/04	N59 52.468 W155 17.326	Arctic Grayling Sculpin	(2) total (2) total
8/1/04	N59 52.464 W155 17.387	Northern Pike Arctic Grayling	87,107 150,121
8/1/04	N59 52.464 W155 17.436	Northern Pike Arctic Grayling	107 65,122,63
8/1/04	N59 52.480 W155 17.568	Arctic Grayling Northern Pike Sculpin	143,129,138,120,125 112 (12) total
8/1/04	N59 52.495 W155 17.710	Northern Pike Arctic Grayling Sculpin	98,90 130,124,140 (6) total
8/1/04	N59 52.537 W155 17.756	0	

Date	Sampling Location	Species	Length (mm)
<b>South Fork Koktuli 1.310</b>			
8/3/04	N59 52.086 W155 16.924	Arctic Grayling	57,72,68,69,66,63,66,69, 68,70,68,66,71,67,68,70, 67,72,70,66,64,65,71,66, 65,62,62,122,150,67,69, 67,70,71,155,66,71,66,63, 63
		Sculpin	(11) total
8/3/04	N59 52.033 W155 16.892	Arctic Grayling Sculpin	70,71 (2) total
8/3/04	N59 51.950 W155 16.886	Northern Pike Arctic Grayling Stickleback	84 73,61,69 65,64,60,62
8/4/04	N59 51.919 W155 16.817	Arctic Grayling Northern Pike Sculpin	121 127 (12) total
8/4/04	N59 52.047	Dolly Varden	127,136



07 939  
LIMB  
D 2

CCP  
CCP  
CCP

CCP

Extnd  
325-90 10100-  
2202-3000  
4/collected man present  
and lake on rainy

CCP

335-90 10000-  
2202-3000  
CC50  
4/collected man present