



Region SOUTHCENTRAL

USGS Quad Gulkana C-2

Anadromous Water Catalog Number of Waterway 212-20-10080-2574

Name of Waterway Boulder Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

| | | | |
|----------------|---------------------------|-----------------------|-----------------|
| Nomination # | <u>01 424</u> | <u>[Signature]</u> | <u>12/19/01</u> |
| Revision Year: | <u>2001</u> | Regional Supervisor | Date |
| Revision to: | Atlas _____ Catalog _____ | <u>[Signature]</u> | <u>12/13/01</u> |
| | Both <u>X</u> | AWC Project Biologist | Date |
| Revision Code: | <u>A-2 d</u> | <u>[Signature]</u> | <u>12/21/01</u> |
| | | Drafted | Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|----------------|------------------|----------|---------|---------|-------------------------------------|
| Chinook Salmon | 8/9/2001 | | 13 | 13 | <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: Thirteen juvenile chinook salmon were caught at this site, N 62 36' 07.77" W 144 35' 10.91". The main channel of Boulder Creek was very high and fast flowing. These samples were caught with a handnet in a slower flowing side channel within 100 m of the confluence of Boulder Creek and the Copper River. The fry were preserved in formalin and identified and measured in the lab at UAF. Their length ranged between 55mm and 60 mm.

Name of Observer (please print): Molly McCormick
 Signature: [Signature]
 Address: Wrangell-St. Elias National Park and Preserve
PO Box 439,, Copper Center, Alaska 99573

Date: 11/20/2001

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: _____

Revision 3/97

AQUATIC SURVEY FORM

NPS, ALASKA, CENTRAL NETWORK

OBSERVERS D. Willis & A. Larr, R. Lohse, M. McClellan

PARK/PRES USFS (Passaic)

DATE 8/9/01 PG 1 OF 1

BASIN Upper WATERSHED Balders

WATERBODY NAME Balders Creek

WATERBODY TYPE Creek

QUAD C-2 SITE 144° 35' 12.9'

LAT N 62° 36' 07.77"

LONG W 144° 35' 12.9"

Habitat Survey(Creek/Rivers)

| | site 1 | site 2 | site 3 |
|-----------------------|---|--------|--------|
| Habitat Type | shrub moving river - bally muddy bed. Alder willow, reed, sedge, on banks. | | |
| Overhanging Veg (%) | > 25% alders, willows... along banks. | | |
| Submerged Veg (%) | > 10% - occasional sedge | | |
| Undercut Bank(m) | no veg, growing thin. | | |
| Wetted Width(m) | 30 m. | | |
| Length of Site(m) | 200 m. stretch of bed. | | |
| Substrate | rocky, pebbles, large pebbles | | |
| Min and Max Flow(m/s) | high flows. | | |
| Min and Max Depth (m) | 1.5 m. max | | |
| Avg Depth (m) | .6 m. | | |
| Comments | The creek is really high & muddy after the recent rains. Apparently wherever it is clear & muddy lower. | | |

Box

AQUATIC SURVEY FORM

NPS, ALASKA, CENTRAL NETWORK

S. Hughes R. Hughes D. Willis

OBSERVERS R. Lohse, Alain M. McLean PARK/PRES WRST - (Pack) DATE 8/9/01 PG 1 OF 1

BASIN Copper WATERSHED Boulder Creek WATERBODY NAME Boulder Creek QUAD Cook

SITE _____ LAT N 62° 36' 07.77 LONG W 144° 35' 10.91 ERROR ±7.1

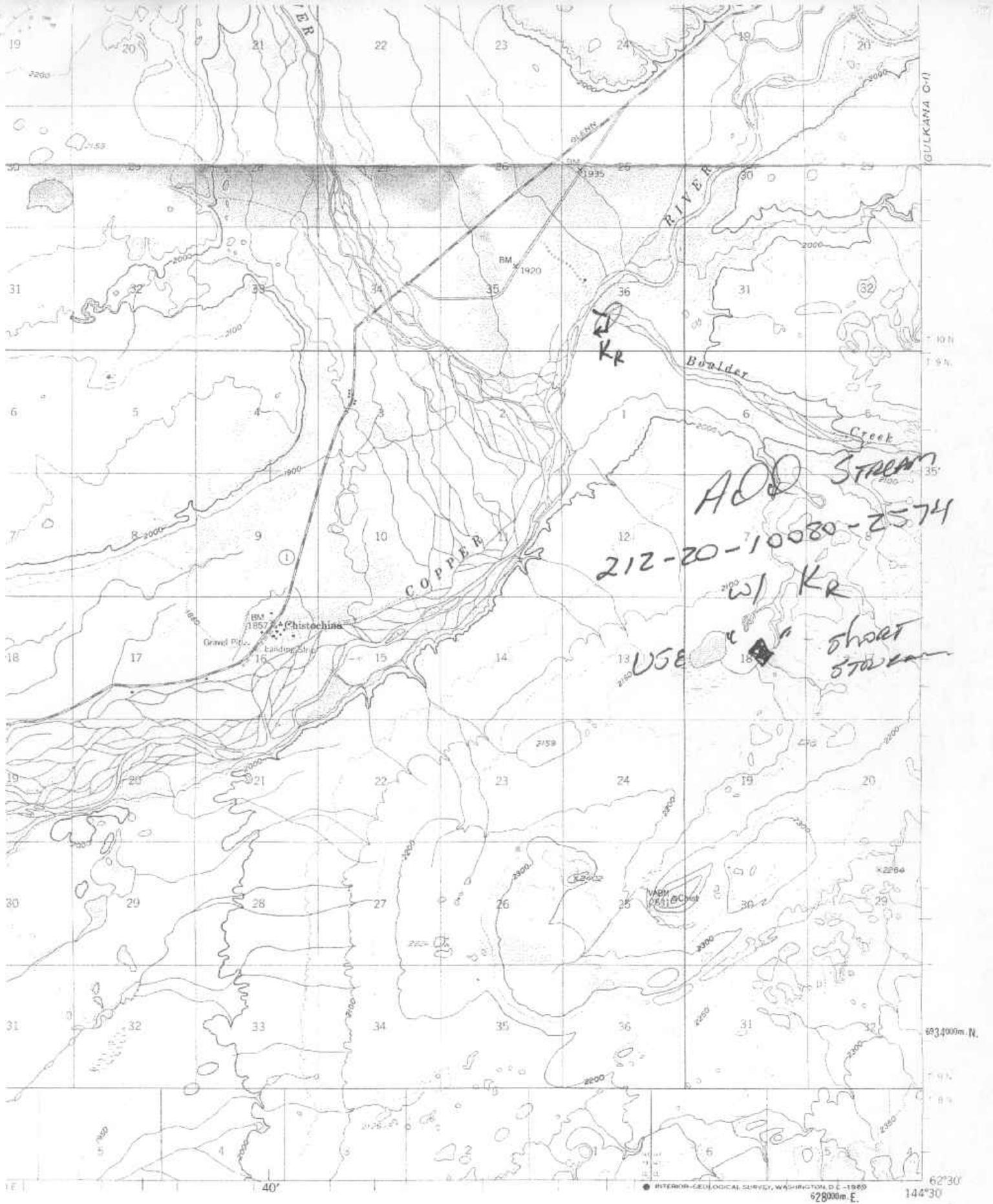
GPS UNIT TYPE _____ WATERBODY TYPE creak AIR TEMP _____ ELEVATION 522m

Fish Inventory

These are preserved in formalin
wilburbot from Copper River - bussale also from Boulder Creek

| Species | Life Stage | Age Class | Fk Length | Weight | Inventory Method |
|------------------------|------------|-----------|-----------|-----------|------------------------|
| Sculpin | | | 85mm | 6g | hand med *big sample* |
| fly & sculpin | | | | | " Sample in fr |
| ↳ (a lot of specimens) | | | | | |
| chironomid | juv | | 55 | preserved | id'd & measured in lab |
| " | | | 55 | | |
| " | | | 65 | | |
| " | | | 60 | | |
| " | | | 55 | | |
| " | | | 60 | | |
| " | | | 55 | | |
| " | | | 55 | | |
| " | | | 58 | | |
| " | | | 55 | | |
| " | | | 58 | | |
| " | | | 60 | | |
| " | | | 60 | | |
| grayling | | | 47 | | |
| " | | | 47 | | |
| whitefish | | | 38 | | |
| " | | | 58 | | |
| " | | | 57 | | |
| slimy sculpin | | | 45 | | |

COMMENTS:



Gulkana C-2



| ROAD CLASSIFICATION | |
|---------------------|-------------|
| Medium duty | Light-duty |
| Unimproved dirt | State Route |