State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fi.

AWC Volume SE SC SW W AR IN USGS Quad Skagway A1

Anadromous Water Catalog Number of Waterway 115-34-10700

Name of Waterway Katzehin River USGS name X Local name ___

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 95 235	Regional Supervisor	12-15-94 Date
Revision Year: 2005		04/27/01
Revision to: Atlas ___ Catalog ___ Both X	CB Drafted	10/19/01 Date
Revision Code: B-1		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
pink salmon	8/30/94	X			X

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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Pink salmon were observed spawning close to the mouth in a side channel.

* See attached sheet
Add Ps & Coho to Stream 115-34-10700

ALASKA DEPT. OF FISH & GAME
DEC 19 1994
REGION II
HABITAT AND RESTORATION DIVISION

Name of Observer (please print) JOEY CATERINICHIO

Date: ___ Signature: Joey J Caterinichio

Address: C/o FPE Roen - Lochner Joint Venture
Box 34793 Juneau - 99803

This certifies that in my best professional judgement 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: ___ Rev. 7/93

5.1.49 STREAM #46E KATZEHIN RIVER

LOCATION: LAT N 58° 53' 45" LONG W 135° 08' 50" SKAGWAY A1

ADF&G CATALOG #: 115-34-10700

SPECIES IDENTIFIED ADF&G: Coho Salmon, Chum Salmon

This stream has been submitted to The Alaska Department of Fish and Game to be cataloged for the identification of pink salmon.

DESCRIPTION OF OVERALL STREAM:

The Katzehin River is located approximately six miles southeast of Haines. It is a large glacial stream that flows approximately 12 miles through a classic U shaped valley, originating 500 feet in elevation from the Meade Glacier. The river is an active braided stream channel, and is home to a very productive run of chum salmon.

The river meanders around high mountains. The north bank has a large floodplain for a mile which is than met by the mountains. The predominant vegetation growing on the flood plain is Sitka spruce, while grasses dominate towards the mouth. On the south bank exists a 60 degree slope, 3000 feet in elevation. Much of the rock is exposed, and hemlock and alder is observed growing on the steep cliffs. Many small run-off streams originating from these steep slopes poor into the Katzehin. Large pools, and many side tributaries allow for excellent habitat to rearing fish. Coho smolt were observed and caught in the side channels. The mouth of the river is approximately 500m (1600 feet) wide and alluvial. See Figure 5.1.49-1.

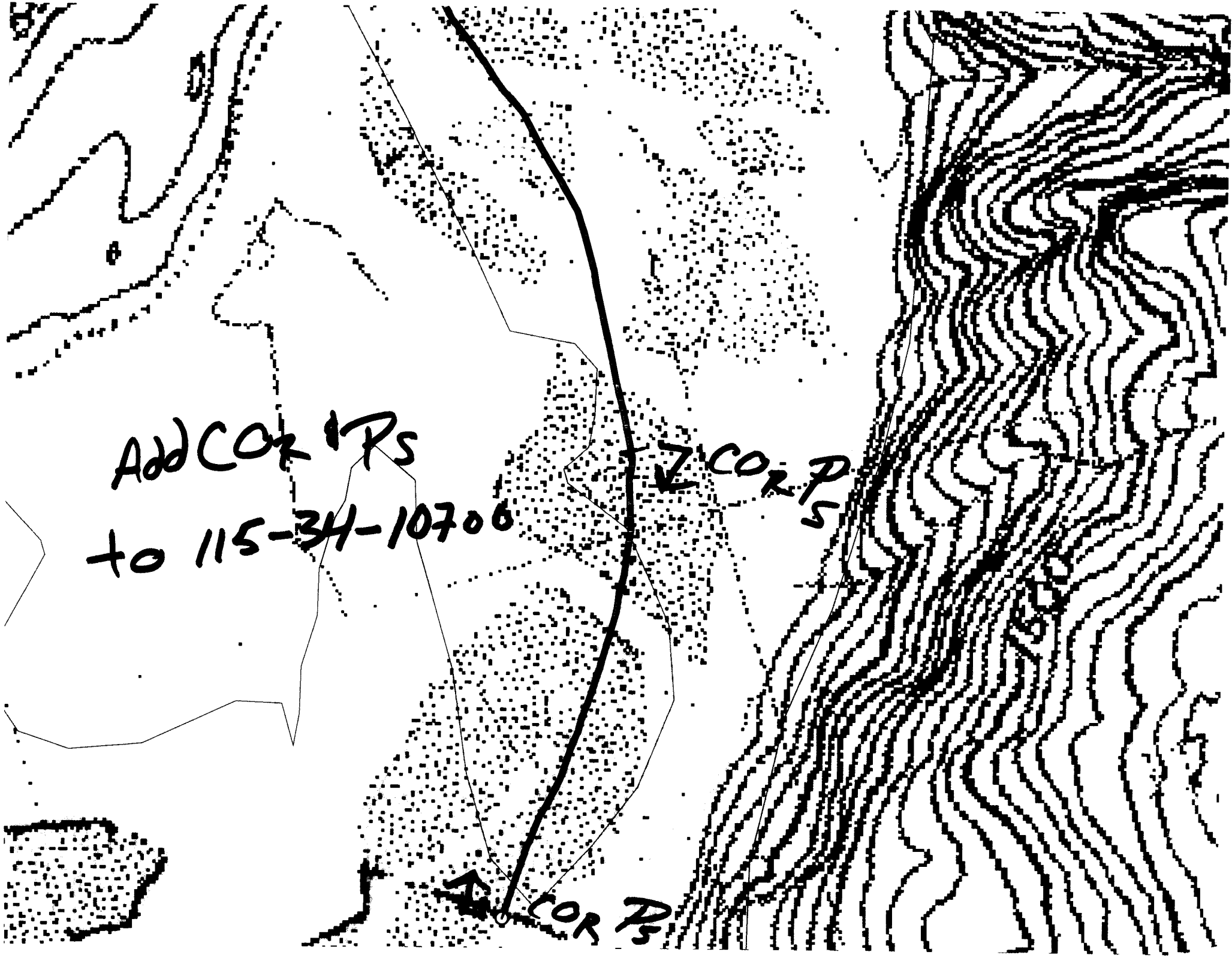
DESCRIPTION OF STREAM AT THE PROPOSED ROAD CROSSING:

The gradient is two percent, the width is 30 feet, the depth ranges from one to three feet. The water is silty, and flows at a low velocity. The substrate is fairly uniform and is composed of silt and gravel adequate for spawning. Pools are observed, and LWD is scattered on the banks and in the river. There is evidence of flooding along the banks. Tidal influence is also observed in the area of the crossing. The banks are fairly stable and are composed of gravel and silt. The predominant vegetation is; Sitka spruce, and alder, western hemlock, grasses, sedges, and potentello. There is no vegetation coverage over the river. See Figure 5.1.49-2.

FISH OBSERVED: Many coho smolt were observed in the stream. Traps were set and the coho smolt were identified. Pink salmon were observed spawning close to the mouth in a side channel, on the north bank of the river.

EVALUATION OF HABITAT TYPE: SPAWNING AND REARING: Spawning and rearing exist at the proposed road crossing site, as well as throughout the whole stream. The river contains adequate gravel, low velocity, pools, LWD and some undercutting of the banks on the north side.

WILDLIFE OBSERVED: Moose, black bear, and bird tracks were observed. Eagles were spotted on the beach.


Add COR #Rs
to 115-34-10706
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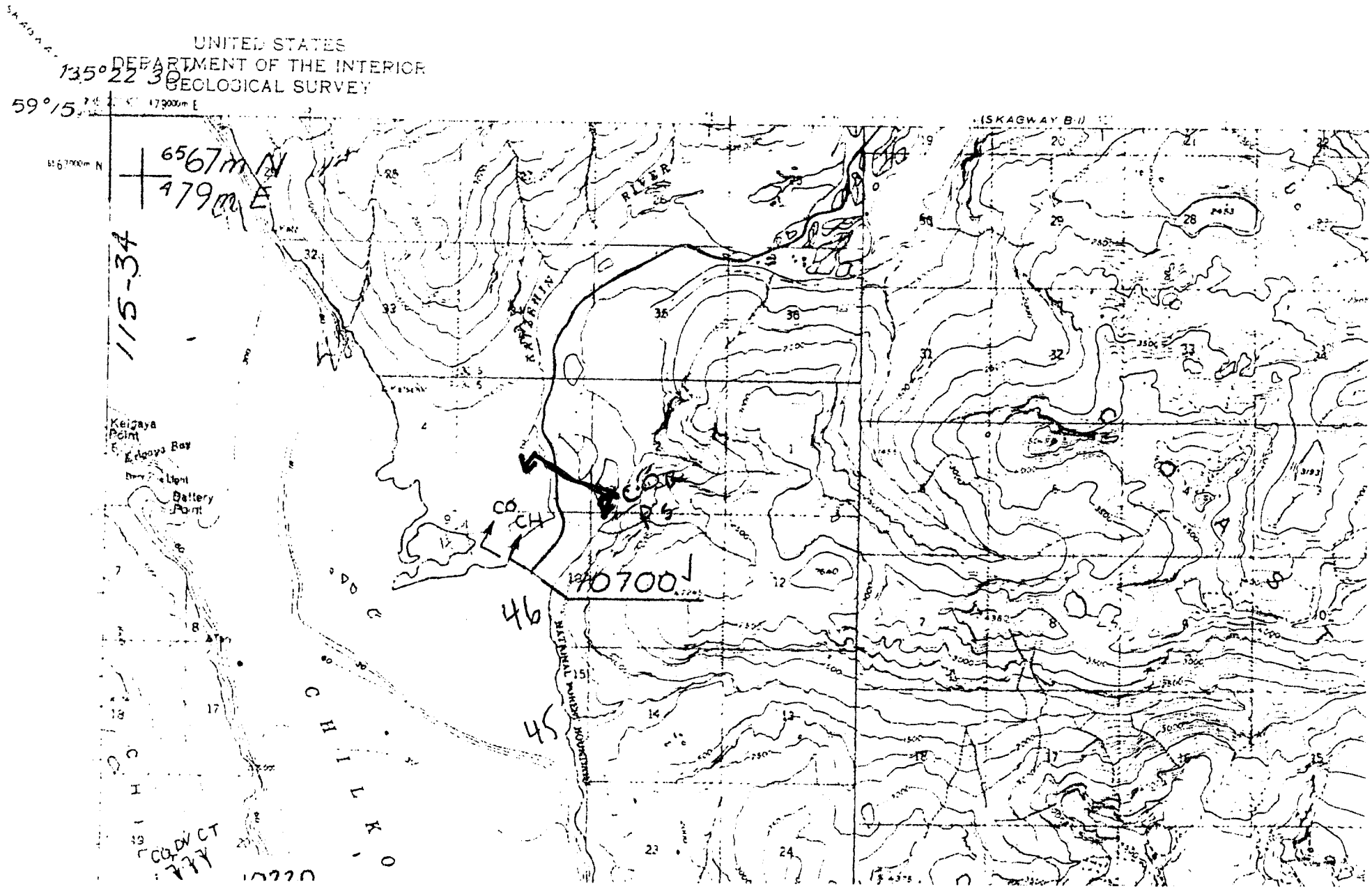
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
135°22'30"
59°15'
6567m N
479m E
115-34
(SKAGWAY B-1)
RIVER
Keigaya Point
Battery Point
CO
CH
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46
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CHILKO
NATIONAL FOREST MOUNTAINS