State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters Important to Anadromous Fish

Region: ~~10~~ SC

USGS Quad: Cordova (C-8), Alaska

Anadromous Water Catalog Number of Waterway: 221-40-10678

Name of Waterway: ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	99 227	Regional Supervisor	Date
Revision Year:			
Revision to: Atlas / Catalog / Both	N/A	AWC Project Biologist	3/22/00 Date
Revision Code:	F-2	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
CT	07/12/99		X	3	☐
					☐
					☐
					☐
					☐

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:

The electro-fishing survey was performed to determine the presence/absence of Cutthroat trout. Three cutthroat trout were captured, it was not determined if they were juveniles or residents. ~~Since~~ One-plus and zero-plus coho were also captured, Possibility for cutthroats to be anadromous due to coho presence.

HOLD for POSITIVE I.D. ON ANAD CT

Name of Observer (please print): Adam C. Cross

Signature: Adam C. Cross

Date: 9/3/99

Address: Cordova Ranger District
Chugach National Forest
P.O. Box 280
Cordova, Alaska 99574

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: Andrew G Hoffman

Revision 3/97

ALASKA DEPT. OF FISH & GAME
OCT 22 1999
REGION II
HABITAT AND RESTORATION DIVISION

KNOWLES HEAD FISH DISTRIBUTION SURVEY FORM

Watershed:_____ Crew: DL, BL, AC Date: 7/12/99

Aerial Photo: FLT 3 # 6 Stream:_____

Rainfall last 24 hrs: L M H (None)

Site ID#: KHRI1 Below Priority: 1 (2)

GPS at ~~Ending~~ Start of Shock ~ 6731425

Downstream Ending GPS:_____ Upstream Ending GPS:_____

Barrier: Y N Barrier location from beginning site: UP Down

Barrier Location (GPS):_____

Type of Barrier: Bvr DD VF C/C B MM Other:_____

Fish Presence: Y N

Shock Time: 1350 - 1473 Voltage Settings: 500 V 90 Hz

Electroshocking Results

Species	CT	DV	CO	PK	CH	S
Life Stage	Juv./Ros?		1+, 0+			
Number	III		IIIIIII			

Sculpin
IIIIII
III

Comments:

Several small channels below Road impact lead to stream. Walked down to nearby Beach front.

Cobble dominant stream. Flows high at times very little flow now. Small plunge pools separated by riffles.

Shocked upstream from Station 0+00 approximately 120 ft.

Marginal habitat at current flows pools shallow, substrate not very big, habitat diversities rather quickly as gradient increases and stream begins to fork into smaller branches which occurs about 1/2 - 3/4 mile from ocean.

20 minutes shocking

limited winter habitat.

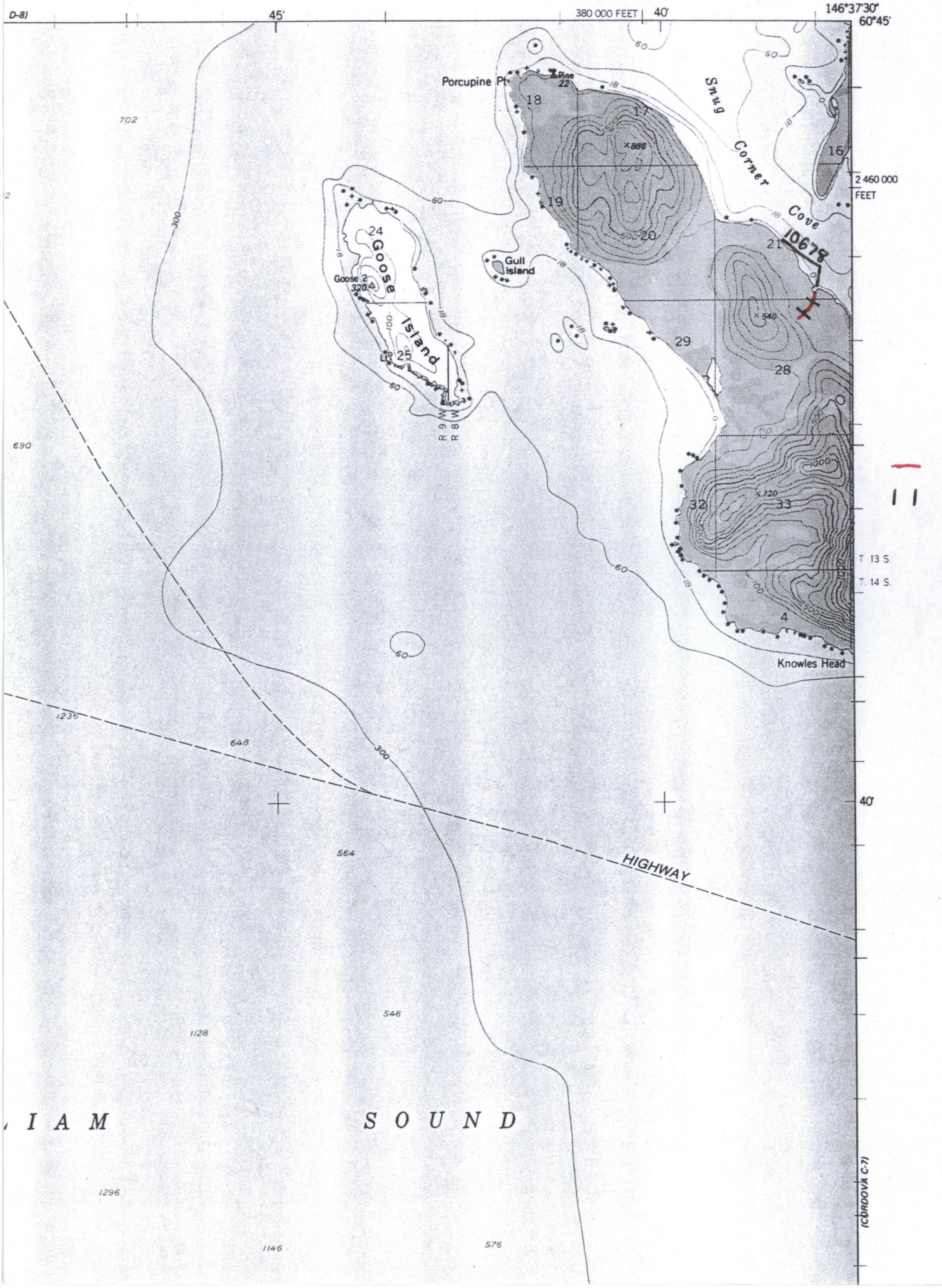
2m increase grograde 6ft BF width

HC1 channel type

CORDOVA (C-8) QUADRANGLE

ALASKA

15 MINUTE SERIES (TOPOGRAPHIC)



— Stream

| | Approx. Area Surveye