

Region SOUTHCENTRAL  USGS Quad Cordova D8

Anadromous Water Catalog Number of Waterway 220-10-?

Name of Waterway Chucks Lake Hole USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>99 072</u>	Regional Supervisor	Date
Revision Year:		<u>[Signature]</u>	<u>2/8/00</u>
Revision to: Atlas	Catalog	AWC Project Biologist	Date
	<u>N/A</u>		
Revision Code:	<u>F-3</u>		
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>CT</u>	<u>7/2/99</u>		<input checked="" type="checkbox"/>	<u>20</u>	<input type="checkbox"/>
<u>OV</u>	<u>7/2/99</u>		<input checked="" type="checkbox"/>	<u>1</u>	<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: The fish in this lake are resident. There is a large water Fall blocking access to any anadromous forms. There is also no stream number for ~~the~~ this watershed. Probably because it is not anadromous. But thought I would submit this for your records anyway.

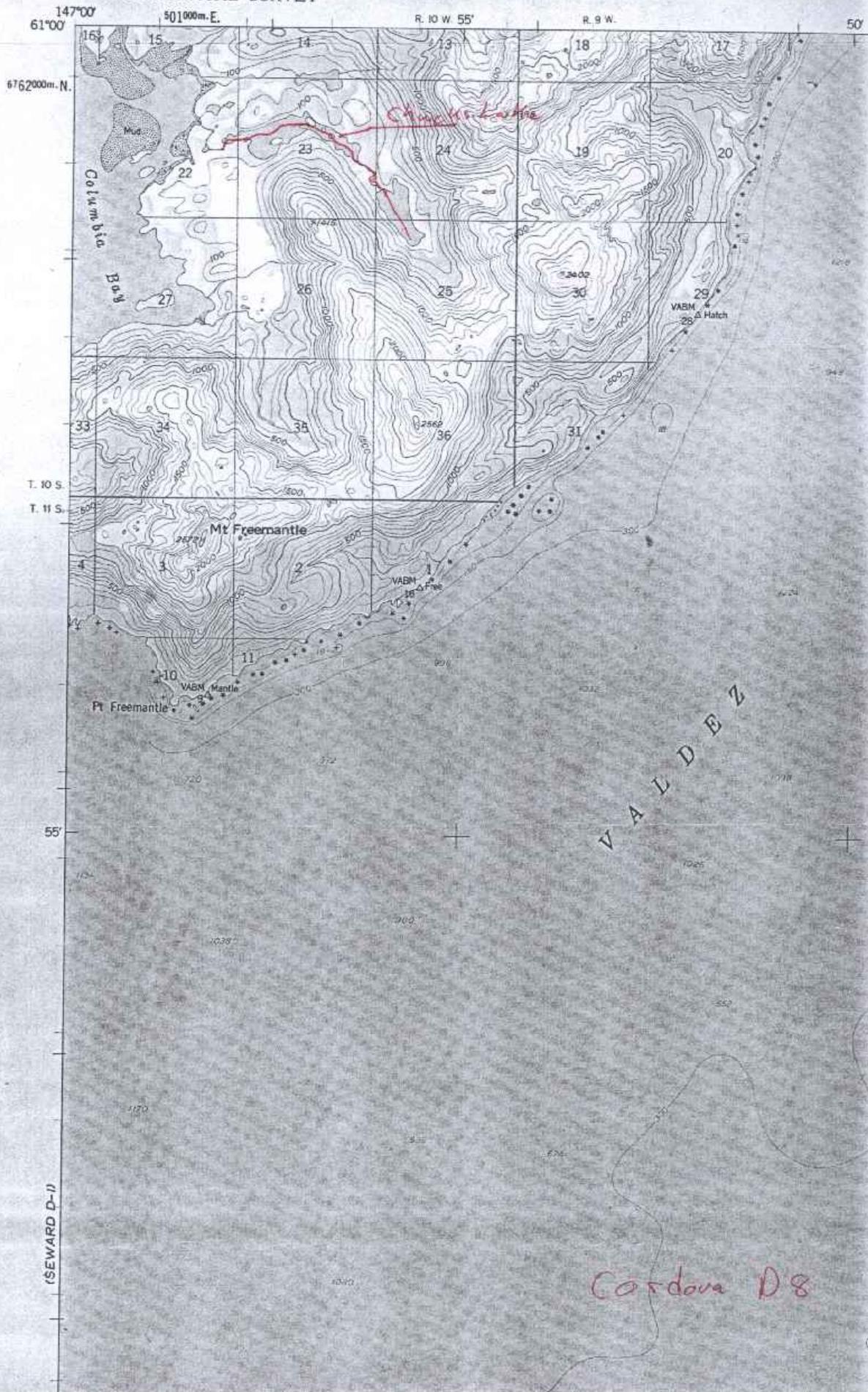
ALASKA DEPT. OF FISH & GAME

Name of Observer (please print) Merlyn Schelske SEP 11 1998
 Date: Signature: [Signature]
 Address: P.O. Box 280 HABITAT AND RESTORATION DIVISION
Cordova, AK 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.

(ANCHORAGE A-1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



21 July 1997

Columbia Bay - Chuck's Lake

- @ high tide ~12-15' falls at tidewater, has several steps in it so questionable if barrier, but didn't see any fish other than cutthroat (except for 1 small Dolly Varden ~~to~~ caught in trap @ outlet to second lake)

- nice looking system; were ~~two~~ lakes connected by stream
- most fish caught in first lake (smaller one) near inlet from second lake ~~or~~ in stream between lakes
- except for 1 small Dolly Varden did not get any fish in traps, which were fished in lake + streams
- fish caught on bolos + bolos + w/eggs that were allowed to sit on bottom + then jigged
- fish very heavily spotted + heavy colorful fins, may be pretest cutthroat I have ever seen

- lake (first) dropped off quickly all around edge

- stream from 1st lake to falls low gradient (~1°) w/ small pools + large substrate (angular material), ~~was~~ were some small pools + 1 large one before falls

- stream between lakes had deep pool @ outlet that yielded 4-5 fish

- 1st ~~lake~~ lake (~2 acres) set in muskeg

- took ~5 hours to get fish (D. Saiget, G + 3 Reeves, T Roelofs, D. Hankin, + J. Holley)

- light rain

- landed on right bank (facing upstream) chuted through muskeg + drownd to lake

22 July 1997

- anchored @ Double Bay
- went to Makaka Cr. - arrived extreme low tide
- as tide turned, water turbid/off color
- fish w/ flies + bolos but didn't get anything

PWS cutthroat data 1997

Target Species: Cutthroat trout	ForkLength	Weight	Method of Capture
Date of capture: 7/21/97	(mm)	(g)	
Site: Columbia Bay, Mainland	328	303	Hook and line
	270	158	Hook and line
Summary: 20 total capture	295	248	Hook and line
	215	71.5	Hook and line
Notes: Sampled first lake, Barrired system, although barrier has several steps so may not be complete barrier.	315	241.5	Hook and line
Stream from first lake fo falls low gradient with small pools and large angular substrate.	144	28.5	Hook and line
	239	120	Hook and line
	282	190.5	Hook and line
	186	50	Hook and line
	142	29.5	Hook and line
	295	235	Hook and line
	294	234.5	Hook and line
	255	149	Hook and line
	266	153.5	Hook and line
	267	176	Hook and line
	271	177	Hook and line
	259	143	Hook and line
	164	41.5	Hook and line
	209	82	Hook and line
	247	137.5	Hook and line