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

1987
Year of Revision

87-304

Anadromous Water Catalog Volume Western

USGS Quad (79) Sleetmute C-4

Name of Waterway —

Anadromous Water Catalog Number of Waterway

335-20-16600-2800-3093

Change to _____ Atlas

_____ Catalog

X Both

Addition X

Deletion _____

Correction _____

ALASKA DEPT. OF FISH & GAME
OCT 9 1986
REGION II HABITAT DIVISION

Name addition:

USGS name _____

Local name _____

For Office Use

Nomination # _____

[signature] Regional Supervisor 10/26/86 Date

BK SBS 11/7/86

FI Drafted 11/4 Date

Species	Date(s) Observed	Spawning	Rearing	Migration
CO	8/26/86		CO	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

From helicopter observations of habitat and sampling results from a nearby location (335-20-16600-2800 form attached) this stream is added with upper limits at T 17N, R.45W., Sec 15, S.M.

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) K. Sundberg, L. Trasky

Date: 10/7/86 Signature: [signature]

Address: ADF&G 333 Raspberry Rd
Anchorage AK 99518

Signature of Area Biologist: R. Kim Francisco

Upper points document limits of fish surveys and usually not the extent of fish habitat.

2800

2833

093

COR

3093

Sleetmute

Barometer Mountain

Red Mountain

Mellicks Trading Post

Vreeland Trail

Kuskokwim

Bullen Creek

R 45 W

R 44 W

FISH HABITAT SURVEY

8/86
X-16.7
+1.3

Observer(s) Sundberg Trasky Watershed No. 335-20

Stream No. 2800 Stream Name Vreeland Creek

Weather
Clear
Prt. Cloudy
Cloudy

Stream Stage
High
Low
Medium

Precip.
Today moderate
Yesterday moderate
This Week heavy

Altitude 700 M.S.L U.S.G.S. Quad Sleet C-4

Lat. 61°35'1" N Long. 157°26'4" W

Temp: Air 46 Water 38 Time 0900 Date 26 Aug 86

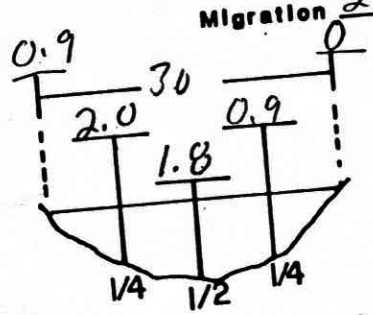
Water Q.
Muddy
Murky
Stained
Clear

Substrate %
Mud 25
Sand 25
Gravel 50
Cobble —
Boulder —
Bedrock —

Habitat Quality 1 ⟶ 5
Poor Excell

Spawning 2
Rearing 3
Migration 2

Flow:
LOOKING
UPSTREAM



v= 0.7 1.7 1.1 0.7 0

Fish Species

Length mm.	K	CO	S	DV/AC	W	SF	SC
		80					45
		55					
		46					
		65					
		45					
		52					
		43					
		55					
		40					
		46					
		43					
		45					

Gear EF Est. Area Sampled 200 x 20

Sampling Time 400 start, 1350 end Est Sampling Efficiency 60%

Channel Diagram (include bank&stream features, vegetation)

LOOKING UPSTREAM