

Alaska Department of Fish and Game

Habitat Section
Southeast Region



182-70-11200 Tributary 1

ADDITION

Water body name:

Quad: Yakutat C-4

Upper Reach Latitude: 59.543809 **Longitude:** -139.357716

Lower Reach Latitude: 59.538725 **Longitude:** -139.371670

Survey date: 9/14/2024

Species & Lifestage: CO, DV

Survey crew: CD, FC

Findings: We surveyed this uncataloged stream from the road using baited minnow traps and GPS and captured juvenile coho salmon and Dolly Varden (Figure 1). The stream is low gradient but the culvert appears to be set high compared to the stream bed and at an angle that may make fish passage difficult under high flow conditions and make leave the culvert perched under low flows (Table 1; Figures 2, 3). Previous years surveys found this channel dry. A culvert survey and future investigation upstream is recommended.

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon and Dolly Varden (Figure 4).

Nomination: Pending

Table 1.–182-70-11200 Tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1226	59.543812	-139.357737	Resurvey stream, lots of water should have captured fish. 6ft CMP set at a steeper angle, water flowing through quickly, may be perched downstream at lower water. MT set upstream of pipe in small eddy. Water is 2-3ft deep.		Large Gravel Small Gravel		1-2	MT	No Fish
1230	59.543783	-139.357724	Setting minnow trap downstream of pipe. Velocity of the water though the pipe may be impacting fish passage. Upstream minnow trap had no fish.						2 CO 8 DV



Figure 1.–Juvenile coho salmon and Dolly Varden captured at waypoint 1230.



Figure 2.–Channel downstream of the culvert.



Figure 3.–Inside of culvert looking downstream.

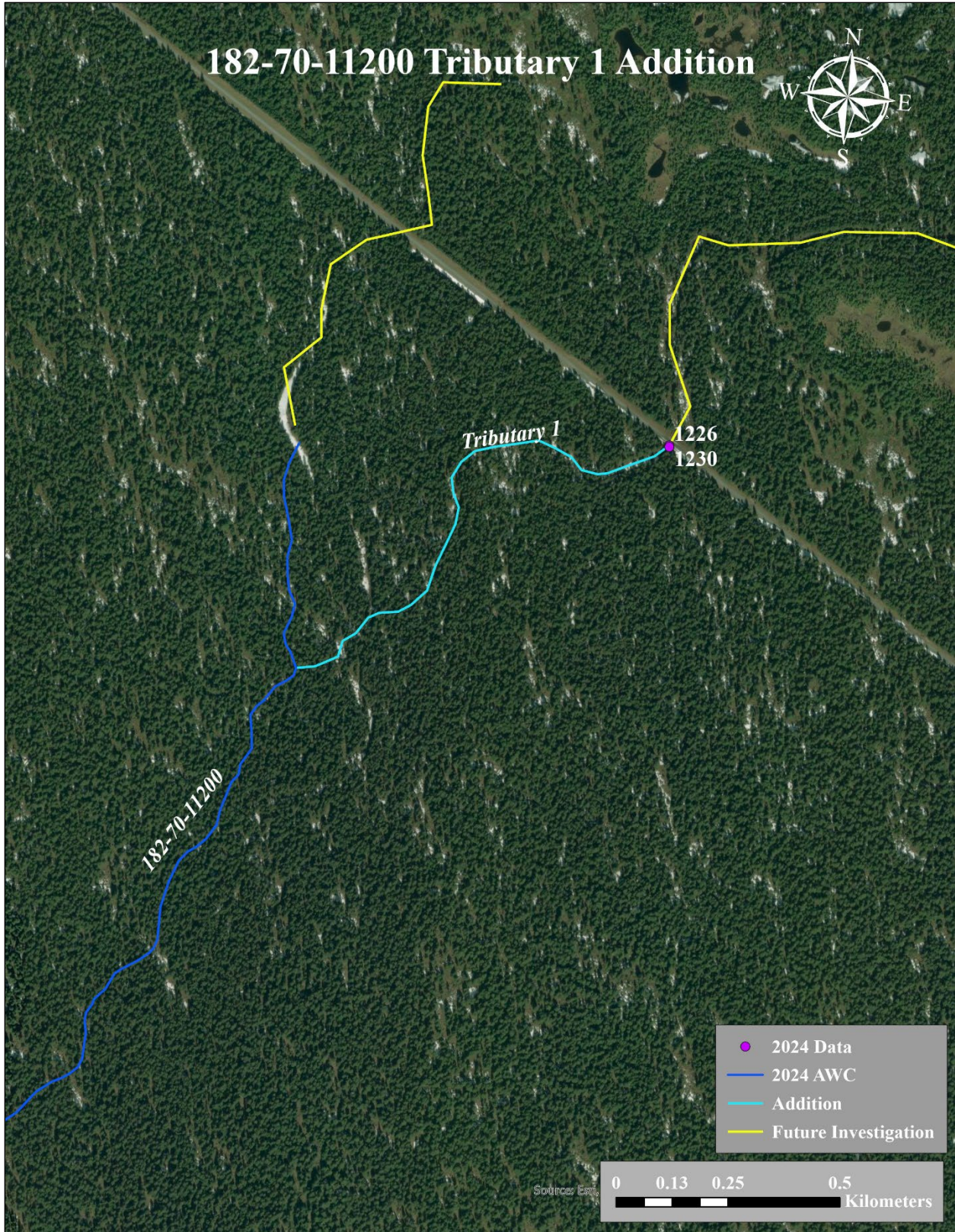


Figure 4.–187-70-11200 tributary 1 addition map.