

Alaska Department of Fish and Game

Habitat Section
Southeast Region



112-13-10060-2020 Tributary 1

ADDITION

Water body name:

Quad: Sitka D-4

Upper Reach Latitude: 57.996296 **Longitude:** -135.030016

Lower Reach Latitude: 57.995687 **Longitude:** -135.031480

Survey date: 8/24/2022

Species & Lifestage:

Survey crew: RR, FC

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream descends a 6-8% gradient channel with exposed bedrock and mellows in gradient prior to flowing through a 6-to-8-ft culvert (Table 1; Figures 1–3).

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

Nomination: Pending

Table 1.—112-13-10060-2020 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1557	57.996301	-135.030070	6-8' CMP, 50% filled with sediment at a 2-4% gradient. 20' upstream from inlet bedrock becomes exposed with an increase in gradient to 6-8%, could block fish passage. Outlet of pipe not perched.	4-6	Large Gravel Cobble		2-4	EF	2 CO 2 DV
1558	57.996395	-135.029940	Only resident fish caught upstream of bedrock becoming exposed.	4-6	Large Gravel Small Gravel		6-8	EF	4 CT



Figure 1.—Juvenile coho salmon captured at waypoint 1557.



Figure 2.—Culvert outlet at waypoint 1557.



Figure 3.—Tributary 1 with bedrock becoming exposed just upstream of waypoint 1557.

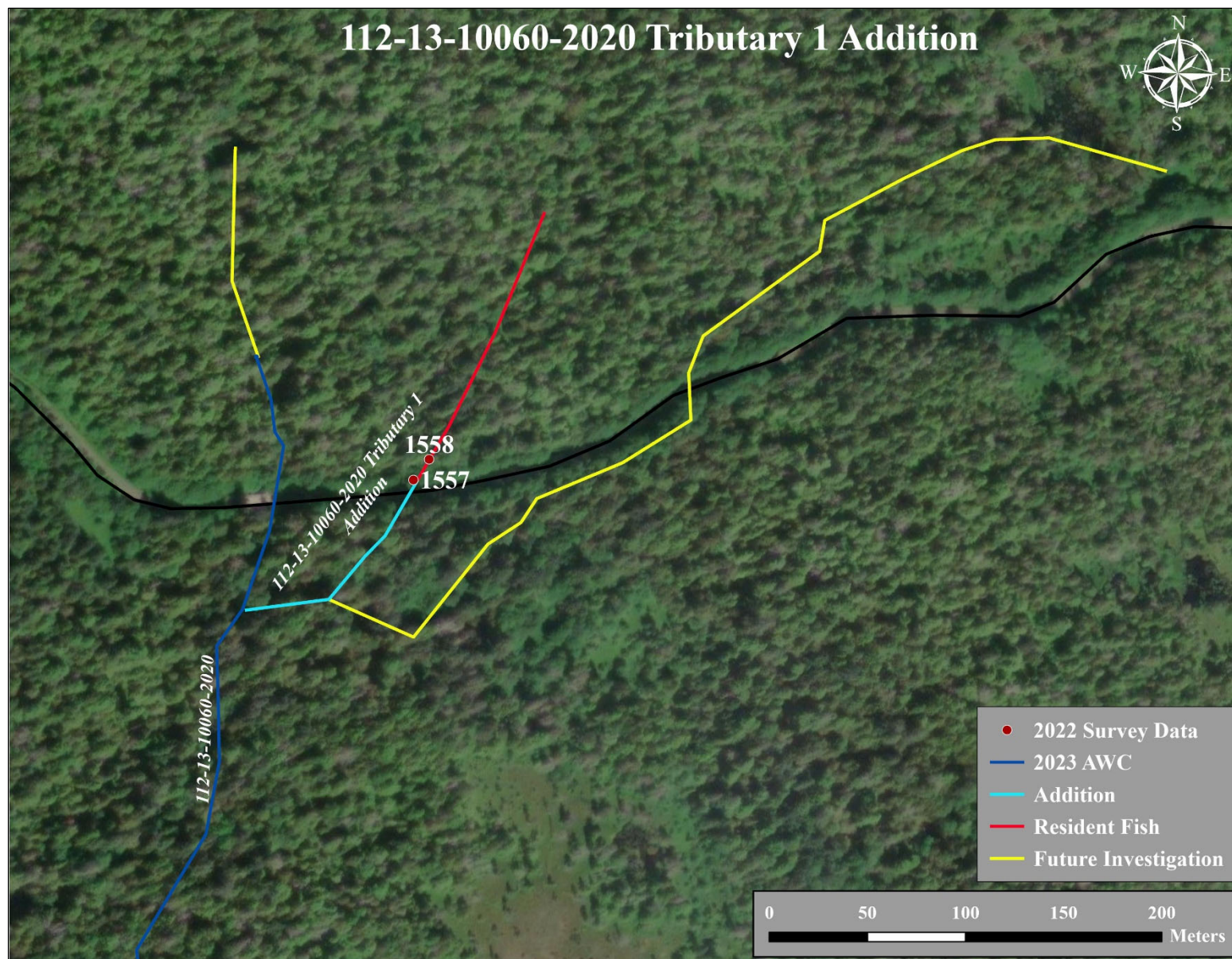


Figure 4.—112-13-10060-2020 tributary 1 addition map.