

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-34-10100 Tributary 6

ADDITION

Water body name:

Survey date: 9/23/2023

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.107334 **Longitude:** -135.609874

Survey crew: FC, NJ, DK

Lower Reach Latitude: 58.107743 **Longitude:** -135.609581

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 falls over a 4 ft tall headcut of fine organic sediment and through a gravel-dominated channel with cut banks downstream (Table 1; Figures 1, 2).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 3).

Nomination: Pending

Table 1.—114-34-10100 tributary 6 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
869	58.106055	-135.610294	Electrofishing stream on outskirts of muskeg. Resident fish capture ~50' downstream of ~4' tall headcut.	1-2	Small Gravel Fine Organic	Cut Banks	4-6	EF	1 DV
870	58.107221	-135.610035	Continued resident fish capture.	2-4	Small Gravel Large Gravel	Cut Banks	4-6	EF	3 DV 1 CT
871	58.107342	-135.609904	1-yr CO capture. No obvious barrier or grade-break observed between here and upstream waypoints.	1-2	Small Gravel Fine Organic	Cut Banks	2-4	EF	2 CO 1 CT
872	58.105836	-135.610233	Resident fish capture upstream of ~4' tall headcut.	1-2	Fine Organic		1-2	EF	4 DV



Figure 1.—Juvenile coho salmon captured at waypoint 871.



Figure 2.—Channel at waypoint 870.

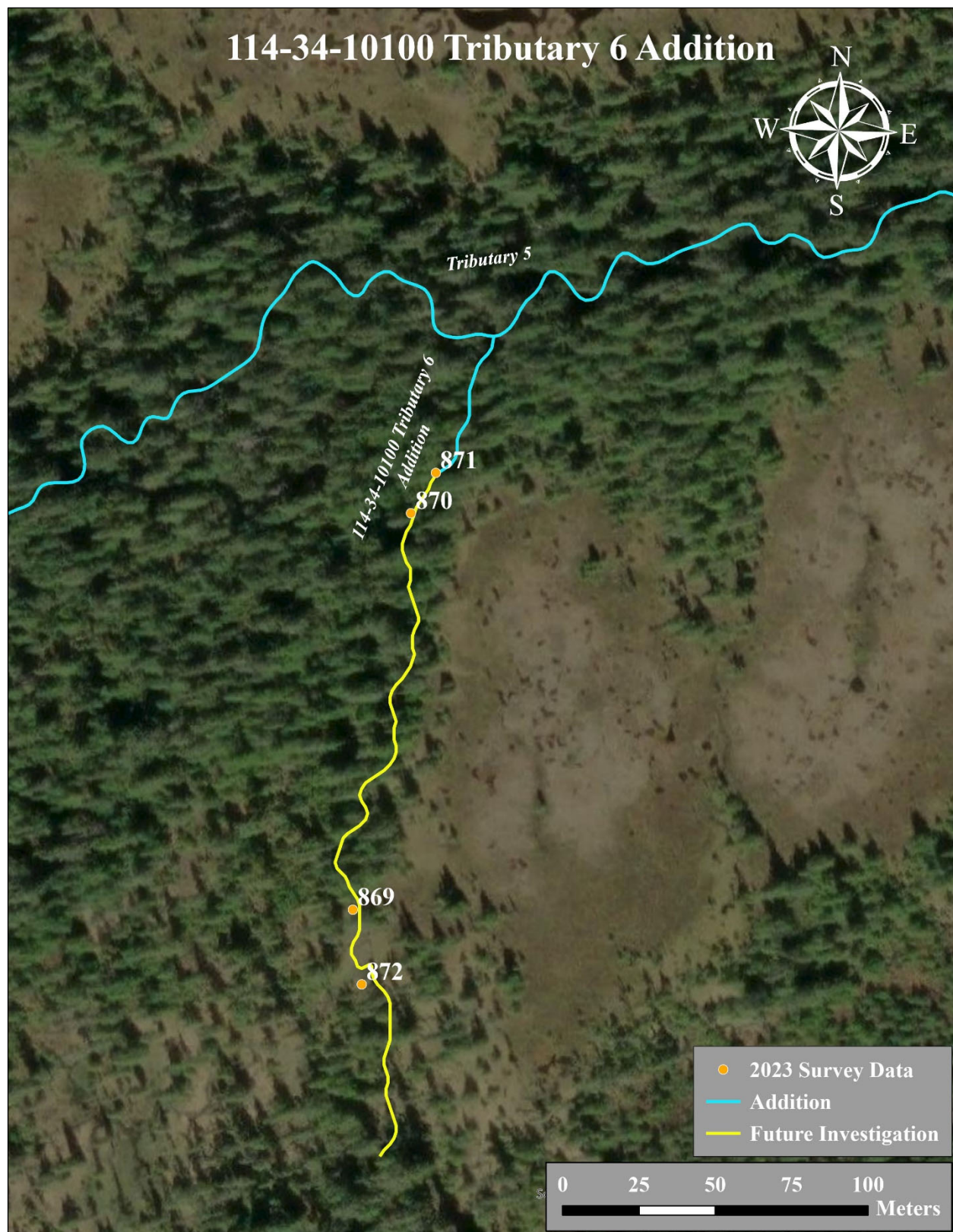


Figure 3.—114-34-10100 tributary 6 addition map.