

Mitkof Highway 3 Addition

Stream: Mitkof Highway 3

Watershed: Stikine River-Frontal Stikine Strait

MTRS: C061S082E, Petersburg C-2

Date Surveyed: May 19 and May 20, 2013

Findings: We surveyed this uncataloged stream and found juvenile pink and coho salmon in the lower section of the stream (Table 1). There are double culverts under the Mitkof Highway with a two ft. perch and a one ft. deep jump pool (Figure 1). We surveyed upstream until the gradient became steeper and the creek went subterranean (Figure 2). We only caught Dolly Varden above the culvert.

Table 1: Mitkof Highway 3 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
120	56.5652	-132.5964	Mouth of stream in intertidal zone. Tracking up.		
121	56.5653	-132.5964		EF	4 P
122	56.5655	-132.5966		EF	1 CO, 2 DV
123	56.5661	-132.5968		EF	2 DV
124	56.5663	-132.5969	Double culvert from under road. About 2 ft. perch with 1 ft. deep pool.	EF	4 DV
125	56.5665	-132.5969	Continuing where we left off yesterday. Upstream end of double culvert. There is one stream coming down from the north and another from the east. We are tracking the east stream first.		
126	56.5666	-132.5967		EF	1 DV ~ 60 mm
127	56.5670	-132.5963	Calling it the top. The stream seeps out from the ground. We have not caught fish up to this point.	EF	No fish
128	56.5669	-132.5969	Tributary entering river left. Tracking and electrofishing up.		
129	56.5671	-132.5967	Top of tributary. Water comes out from under a tree and the channel is completely dry above this point.	EF	No fish
130	56.5670	-132.5968		EF	2 DV ~ 60 mm
131	56.5672	-132.5969		EF	3 DV ~ 60 mm
132	56.5682	-132.5982	Calling it the top. We electrofished up and caught no fish. Water is still flowing but it is subterranean and a steeper gradient.	EF	No fish



Figure 1: Downstream side of perched double culverts under Mitkof Highway.

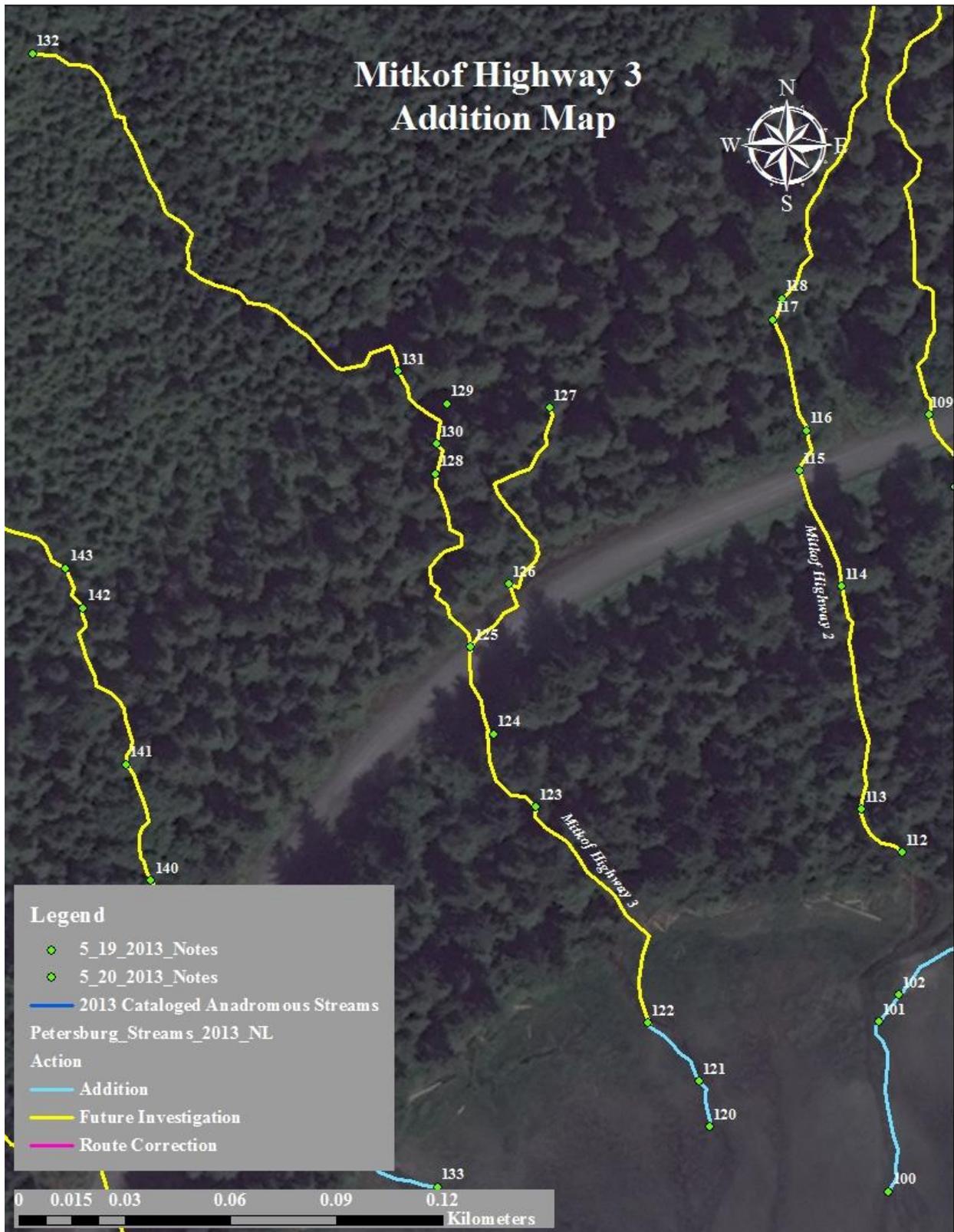


Figure 2: Mitkof Highway 3 addition map.