

SITE INFORMATION

Site Identifier :	SS13RB9	Landowner Type :	Federal
Site Name :		Landowner Name :	USFS
WRIA :	05.0444X	Address :	
Region :	NS	Address2 :	
Trib to :	Palmer Cr	City :	
River Mile :	0.14	State :	
River System :	SF Stillaguamish R	Zipcode :	
Legal Description :	NE1/4S35T30NR10E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	terrace tributary	East:	1,760,654.00 North: 990,139.00

Directions :

Follow the Mountain Loop highway out of Granite Falls to the Forest Service 4065 road on the right that leads to the trail head for the Sunrise Mine Trail (approximately 0.4 miles past Buck Creek). Go down this road for 0.5 miles to Palmer Creek and park here. Hike downstream 0.25 miles to the site.

Area Overview :

This is a short, groundwater fed trib that is mostly slow-moving and pooled. There were a fair number of coho juveniles observed in this site on the day of the survey.

Field Survey Information

Date : 10/15/02 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: () Spring () Groundwater () Surface runoff

Flow: () Intermittent () Year-round

Estimated Flows (cfs): Lower end: 7.2
Upper end:

Water Temperature(C): Lower end: 0.05
Upper end: 0

Receiving Water Temperature (C): 6.7

Other Observations:

Site Area Measurements: () Indirect () Direct () Combination
Widths: Channel: 2.4 Ponds: Wetlands:
Depths: Channel: 0.12 Ponds: Wetlands:
Total length (includes ponds and wetlands): 76

Total existing habitat area (est. m2): 184

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 184	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This small trib measured 76 meters long and averaged 2.4 meters in width. It is low gradient and mostly pooled throughout. The substrate is a mixture of cobble and mud, and there was good brushy cover along the banks. There was also skunk cabbage and sedges present in places.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: There is a low alder bench in-between the site and the mainstem. The head end of the site was 40 meters from Palmer Creek.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: The entry area was pooled.

Coho access and use: Juvenile Unknown None Poor Fair Good
Adult Unknown None Poor Fair Good

Describe: There was a fair number of juvenile coho observed in the site on the day of the survey.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Juvenile trout can access and utilize this site.

ENHANCEMENT OPPORTUNITIES: None

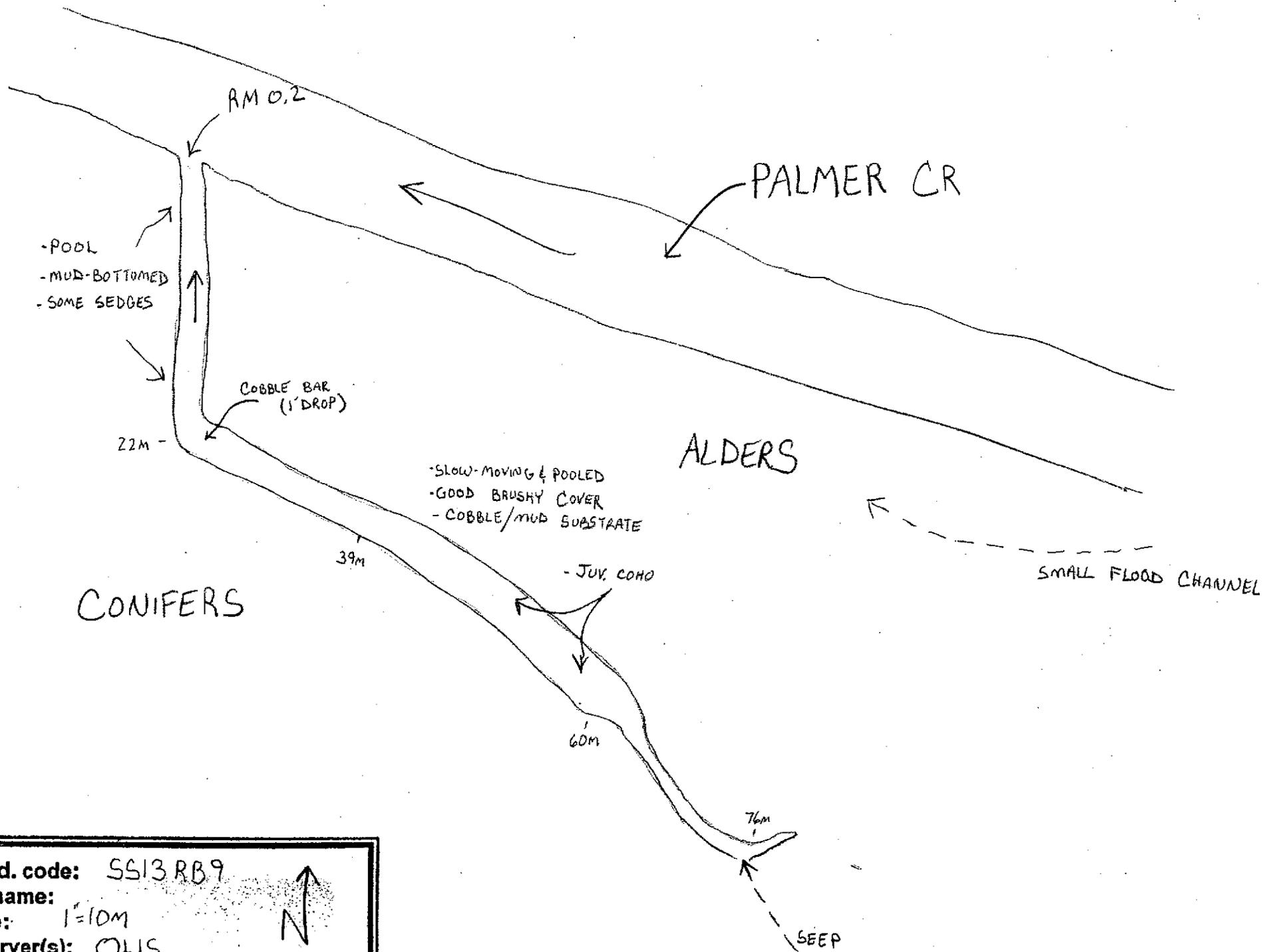
Project type:

Equipment access:

ADDITIONAL COMMENTS: This site was surveyed during a low flow period.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: SS13RB9
 Site name:
 Scale: 1"=10M
 Observer(s): OLIS
 Legal location: NEY4S35T30NRI0E



SS 13RB9

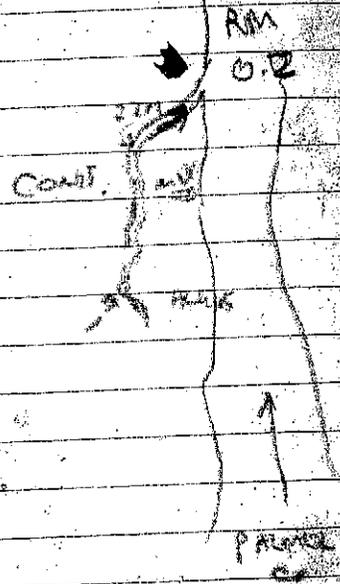
RM 0.14

NEY4 S35T30N R10E

X- 1760654

Y- 990139

10-15-02



0.0 BAR

- FLOW - 0.05
- WT - 40° UP
- RW - 44
- ACRES - Pool

22m was 2.2m

- Pool - mud bottom

- some rocks

- @ COBBLE BAR

39m 2.5m Pool

60m was 3.6 Pool

- some grass obs,

- SEEP ON LD

7:30 AM

- CHALK
- SETS OUT OF CLAW
- END OF CLAW

in FROM PAVEMENT

GOOD BEHIND

- NO SPAN
- GROUNDWATER FED
- APPROX TO ALICE
- RAIN
- HIGH FLOW
- ONLY 35 FROM PAVEMENT

