

### SITE INFORMATION

**Site Identifier :** AL1RB3 **Landowner Type :** State  
**Site Name :** **Landowner Name :** DNR  
**WRIA :** 03.0359X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Alder Cr **City :**  
**River Mile :** 1.55 **State :**  
**River System :** Alder Cr **Zipcode :**  
**Legal Description :** NW1/4S7T35NR7E **Phone :**  
**County :** Skagit  
**Habitat Type :** lower valley wall tributary

#### Directions :

From Sedro Woolley, head east on highway 20 for approximately 9.8 miles to Cabin Cr road. Turn left and go 0.1 miles to the Hamilton Cemetary road. Turn right and go 0.2 miles to the second left or HO 1000 mainline. Turn left and go approximately 1.1 miles to a fork, stay right and continue for another 1.6 miles to another fork. Stay right (downhill) on the HO 1300 road for approximately 1.3 miles to the HO 1330 on the right. Turn right and go approximately 1.2 miles to where you just entered into a clear cut and on your left, approximately 100m into the clear cut, is a foot trail ( you will be on the east side of the creek at this point). Hike to the foot trail and follow it to Alder Creek. Hike downstream approximately 0.1 miles to the site.

#### Area Overview :

This stream is on the high gradient side for coho habitat but there are some small pools that may create a little over-winter rearing. It may flow out of a small ponded area above, but creek is too high gradient for coho to access.

### Field Survey Information

**Date :** 02/03/1997 **Observer :** Olis **Survey Type :** initial

#### HABITAT INFORMATION

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end: 0.2  
Upper end: 0.2

**Water Temperature(C):** Lower end: 4.7  
Upper end: 4.7

**Receiving Water Temperature (C):** 5

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel: 1m Ponds: Wetlands:

Depths: Channel: 15cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 145m

**Total existing habitat area (est. m2):** 122

**Spawning area:** Mainstem: Tribs: Total:

Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 122	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: The stream is 5 - 7% grade and increases as you head upstream. The small pools created by cascades is the only over-winter rearing available in this system that appears to be more suitable for trout than coho. It has a p-gravel to 1" gravel substrate, 20% pooled habitat and good cover along the banks. Stream also seems to have good woody recruitment.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is no evidence of this site being affected by flooding from the mainstem, probably because it is high gradient and not on a bench along the mainstem. However, the banks of this stream are incised showing that the stream itself generates high flows from time to time.

Site entry condition:  Poor  Fair  Good

Describe: There is a small eddy pool at the entry area but the stream initially has some grade to it, making access a little more difficult.

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

Describe: No juveniles were observed during the survey but the site is accessible to them and there are several small pools that could be utilized by them. At 51m, there is a four foot falls that would be a barrier to any upstream migrating juveniles. No adults were observed and I would not expect to find them using this site because of the combination of high grade and shallow water.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: This site is accessible to trout and is more suited for trout rather than coho.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey was cut off at 145m because of high gradient and lack of water.

ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

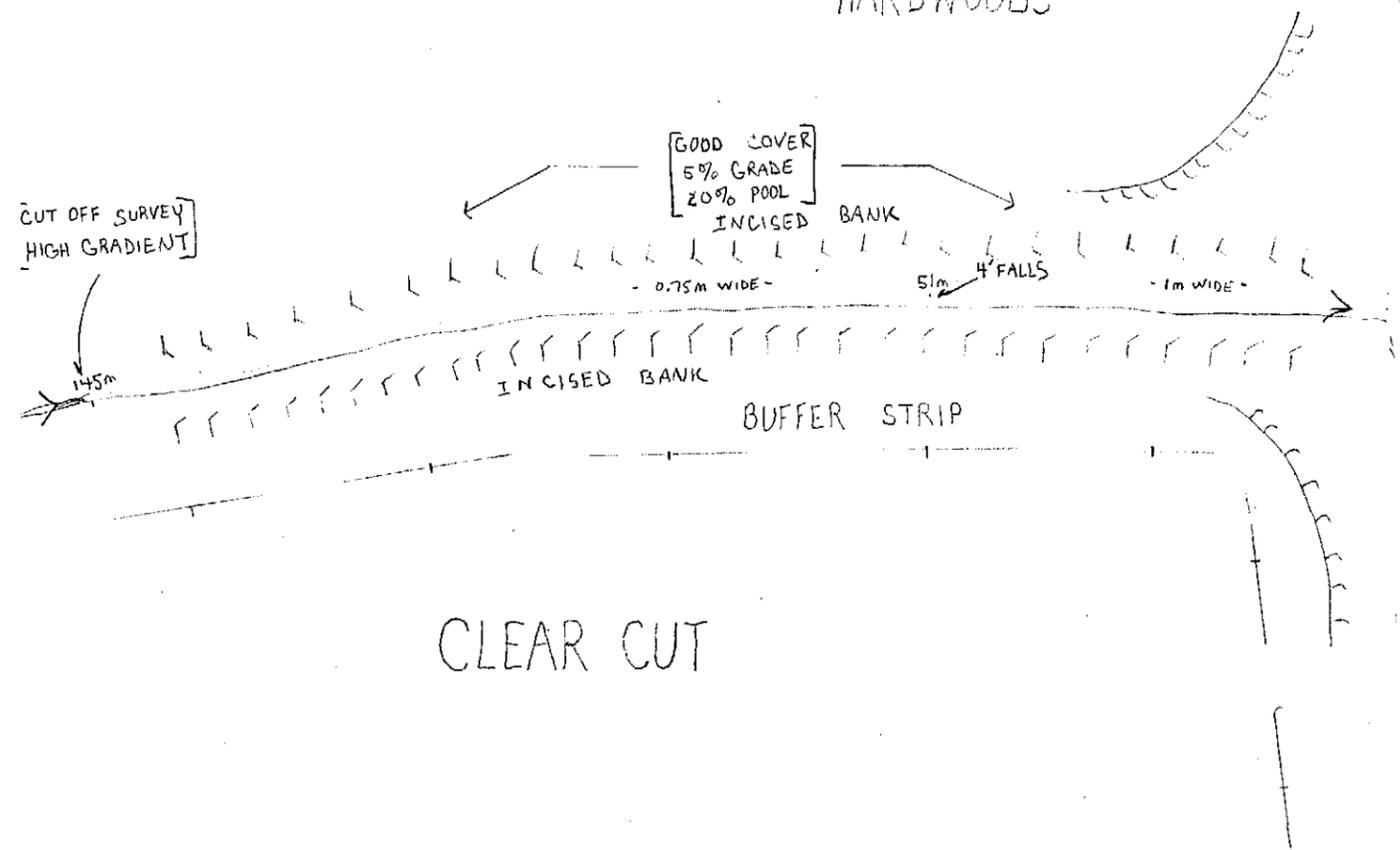
Site id: AL1R03  
Site name:  
Scale: 1"=20m  
Observer(s): OLIS  
Legal location: NW<sup>1</sup>/<sub>4</sub> S7 T35 NR7E



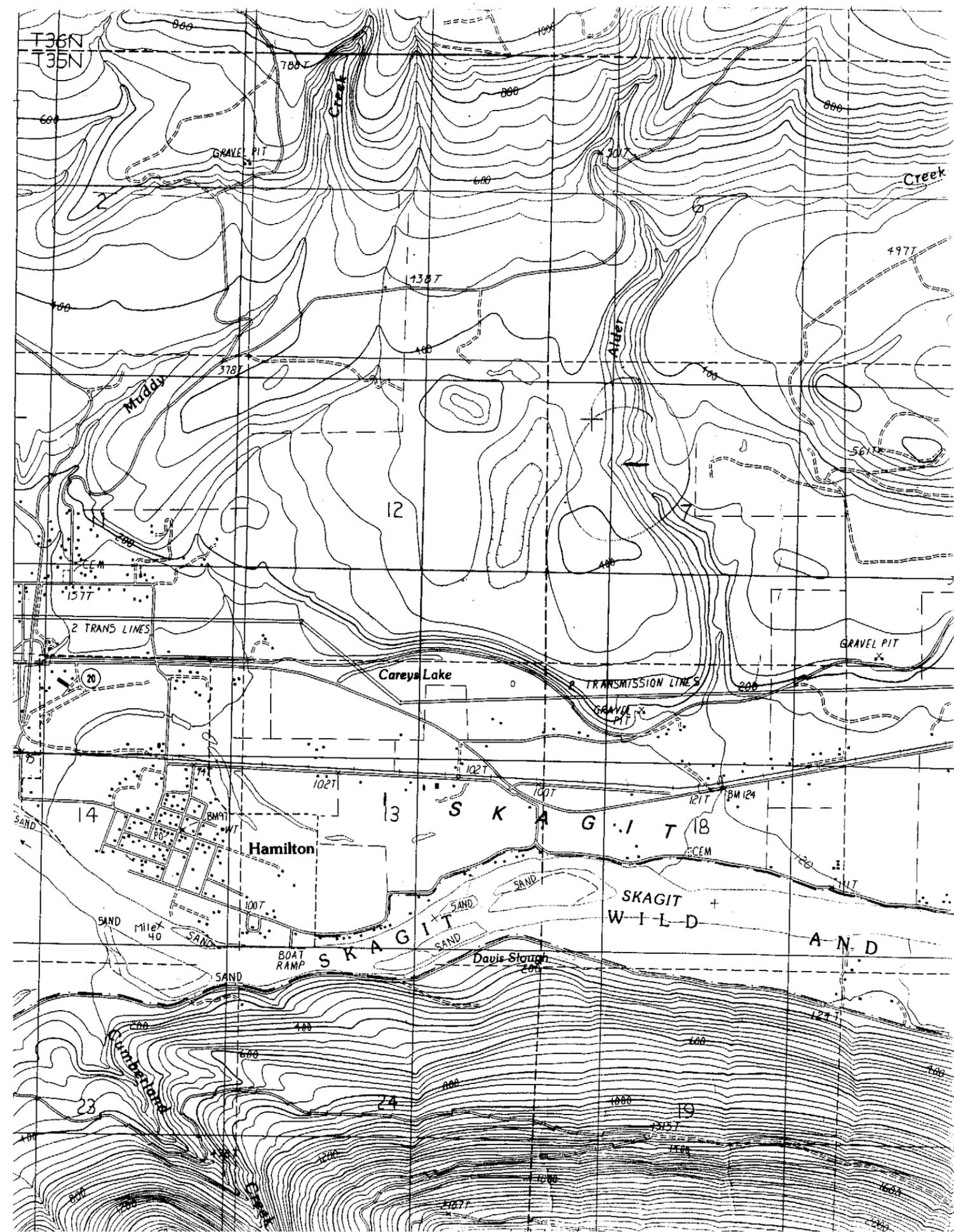
ALDER  
CREEK



HARDWOODS



CLEAR CUT



AL1 RB3

RM 1.55

NW $\frac{1}{4}$  S7 T35 N R7 E

3 FEB 97



O.O ENTRY

- FLOW - 0.2 CFS
- WTR TEMP - 40.5
- REC WTR - 41
- ACCESS IS FAIR LITTLE
- EDDY POOL @ ENTRY
- BUT CREEK HAS SOME
- GRADIENT TO IT.
- 5m WW 1m
- GOOD COVER (REPPES)
- 20-30 P/R
- SUBSTR. - RGR TO 1" GP.
- WTR APPEARS TO
- SHALLOW TO SPAWN IN
- @ 4' FALLS BARRIER
- TO JUVENILES

145 - WW 0.75m  
- GRADE IS GETTING  
TO STEEP  
- WTR TEMP - 40.5°  
FLOW - 0.2 CFS

### COMMENTS

- STEM. A LITTLE ON  
HIGH GRADIENT SIDE  
FOR COMO HAB.
- ALTHOUGH IT HAS AN  
OCCASSIONAL SMALL POOL
- SURFACE FGD - INTERMITTENT
- LOW FLOODING
- GOOD WOODY RECRUIT.