

SITE INFORMATION

Site Identifier : SK9LB1 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0176X **Address :**
Region : NS **Address2 :**
Trib to : Skagit R **City :**
River Mile : 53.70 **State :**
River System : Skagit R **Zipcode :**
Legal Description : NW1/4S16T35NR8E **Phone :**
County : Skagit
Habitat Type :

Directions :

Take the Dalles bridge out of Concrete to the South Skagit highway on the left. Turn left and go approximately 0.25 miles to the site as it crosses under the highway via a culvert.

Area Overview :

This stream is a very small, spring fed trib to the Skagit River. The cascades at entry includes a four foot drop but access improves as the river rises. Offers very little over-winter rearing but appears to be nice trout habitat.

Field Survey Information

Date : 01/15/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermittent (X) Year-round

Estimated Flows (cfs): Lower end: 0.1
Upper end: 0.1

Water Temperature(C): Lower end: 3.8
Upper end: 5.5

Receiving Water Temperature (C): 2.7

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination
Widths: Channel: 0.5m Ponds: Wetlands:
Depths: Channel: 10cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 248m

Total existing habitat area (est. m2): 135

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 135	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: (X) None () Poor () Fair () Good () Excellent

Describe spawning habitat: There are a couple of pockets with pea to 2" gravel but stream appears to be to small and shallow for adult spawners.

Rearing habitat conditions: None Poor Fair Good Exellent

Describe pond and other rearing habitat: This stream is mostly riff and shallow. It has fair cover with a poor amount of woody debris. The section from the culvert to the river flows within 10m of a house and they appear to keep there yard clean and their stream moving.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Stream appears to be on a high enough bench that it does not get affected by most flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: The cascades where the stream dumps off the bench into the river makes this site hard to access, especially for juveniles. However, access improves during flood events as the level of the river rises and reduces the height of the cascades.

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

Describe: No coho were seen during the survey and it is doubtful if adults would use this site to spawn in. However, it is more likely that a few coho juveniles could be found using it from time to time.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: I would expect to find a few resident cutthroat using this site.

ENHANCEMENT OPPORTUNITIES: It is possible to raise the upper end of the culvert and flood a portion of this section but I don't think there would be enough habitat created to be worthwhile. At the least, the culvert could be looked at to see if a larger one might be more suitable.

Project type:

Equipment access: Excellent. Site flows under South Skagit highway.

ADDITIONAL COMMENTS: At the upper end of the stream, a 3/4" pvc pipe was found sticking out of the ground about three feet. I am unclear why but it is possible that someone has researched streamflows throughout the year.

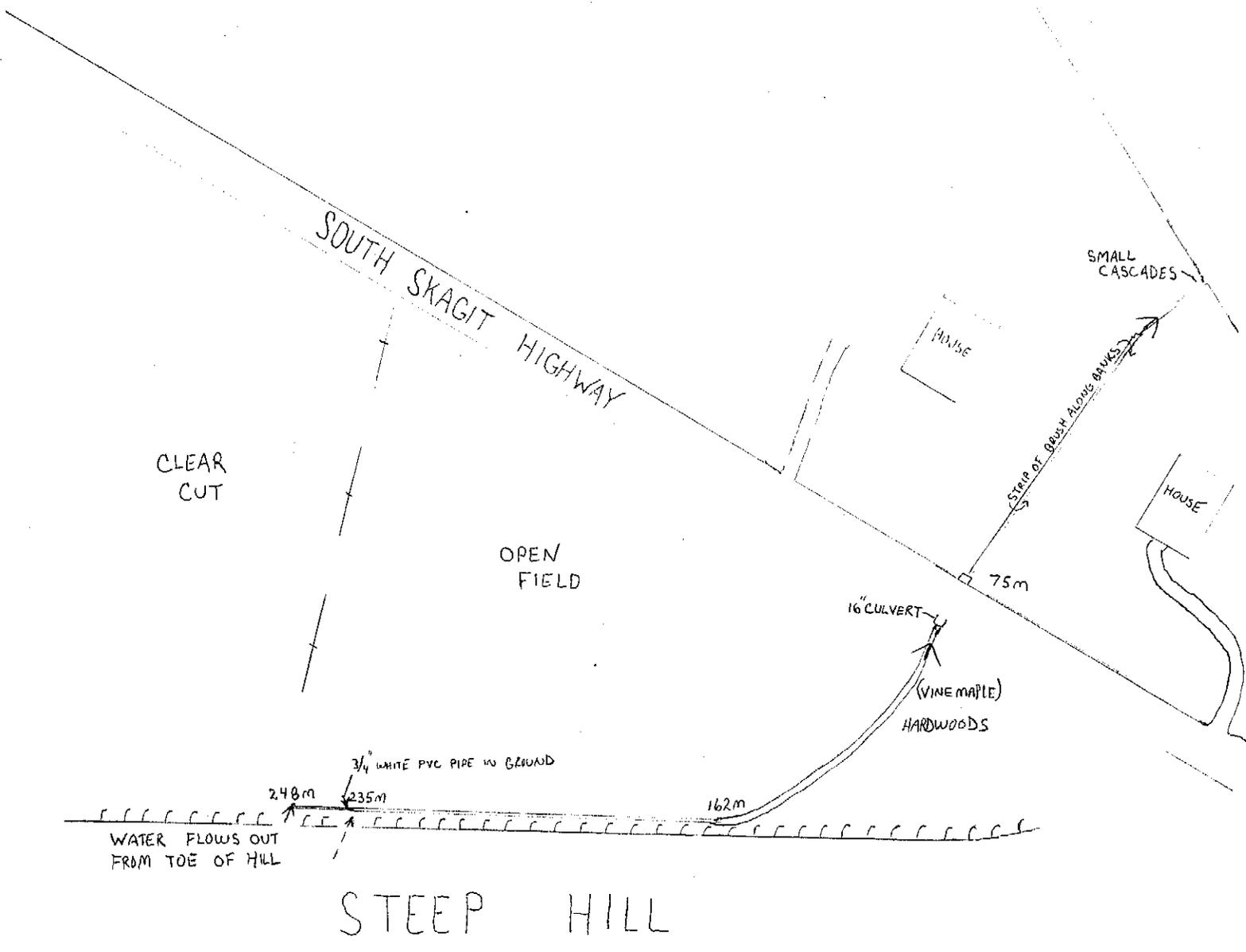
ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site ID: SK9LBI
 Site name:
 Scale: 1"=30m
 Observer(s): MICHAEL OLIS
 Legal location: NW 1/4 S16T35NR8E

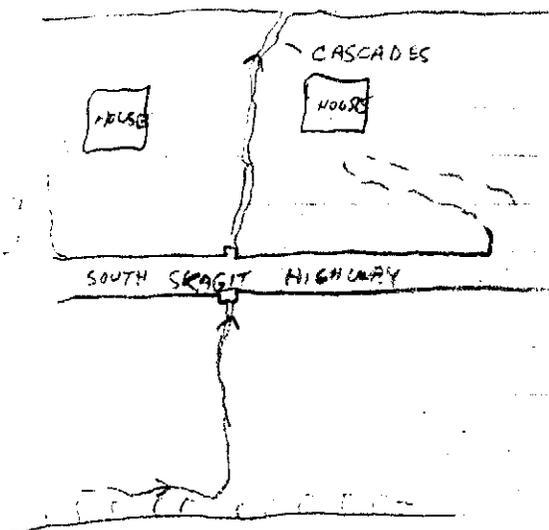


SKAGIT RIVER



15 JAN 97

← SKAGIT R ←



0.0 ENTRY

FLOW - 0.1 CFS

- STEM TEMP - 39°

- REC WTR TEMP - 37°

10m ww 0.3m

- CASCADES @ ENTRY INCLUDING 4 FOOT DEEP

- WHESE TAIL, BLACK BERRY AND BERRY BUSH

50m ww 0.3m RIFF

- SILT SUBSTRATE
- WTR PARSLEY PRESENT
- STRIP OF BRUSH ALONG BANKS

75m ww 0.3m RIFF

- SOME 2" GR. SHOWING UP

82
75m @ ROAD & CULVERT

- SEEMS PASSABLE

162m WW LN SHALLOW
RIFF

- 1" TP GRAVEL IN SUBSTR.

- @ WALL BASE

235m WW .3m RIFF

- SMALL FRESHET ON RB
COMING DOWN HILL

- 1" PVC PIPE STUCK IN
GROUND

- BEGINNING OF CL CUT
ON SLOPE

248m WW .3m RIFF

- WTR SEEMS TO FLOW
OUT OF GROUND

- WTR TEMP - 42°

COMMENTS

- WALL BASE SPRING WATER
SOURCE

- TINY SYSTEM w/ LITTLE
SPAWNING HABITAT

- MAY FLOW YEAR ROUND

- HOPE GETS BETTER
AS RIVER RISES