

**SITE INFORMATION**

**Site Identifier :** SK9LB2 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0176X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Skagit R **City :**  
**River Mile :** 53.60 **State :**  
**River System :** Skagit R **Zipcode :**  
**Legal Description :** NW1/4S16T35NR8E **Phone :**  
**County :** Skagit  
**Habitat Type :** lower valley wall tributary

**Directions :**

Take the Dalles bridge out of Concrete to the South Skagit highway on the left. Turn left and go approximately 0.3 miles to the site as it crosses under the highway via a culvert.

**Area Overview :**

This small, surface-fed trib offers no over-winter rearing and a small amount of spawning habitat. The lower of the two culverts on this stream is probably a partial barrier to fish as it is half filled with sediment. This site is probably dry during the summer.

**Field Survey Information**

**Date :** 01/15/1997 **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: 3.3  
Upper end: 3.3

**Receiving Water Temperature (C):** 2.7

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

**Widths:** Channel: 0.5 Ponds: Wetlands:  
**Depths:** Channel: 12cm Ponds: Wetlands:  
**Total length (includes ponds and wetlands):** 470m

**Total existing habitat area (est. m2):** 218

<b>Spawning area:</b>	<b>Mainstem:</b> 6	<b>Tribs:</b>	<b>Total:</b>
<b>Impounded area:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>
<b>Other rearing area:</b>	<b>Mainstem:</b> 212	<b>Tribs:</b>	<b>Total:</b>
<b>Unaccessible habitat:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: Gravel size is 1" to 3"; poor amount of cover to escape predation; depth of water could be a problem also.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: Stream consists mainly riff and cascade habitat with a low percentage of pools. The upper half of this stream is in a clear cut without a buffer and has poor cover at this time.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The site is on a high enough bench so that only the lower 20m is probably affected during a major flood event. However, the lower portion of this stream has incised banks and is evidence of high streamflow causing this section to blow out.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: This site has a cascade where the stream dumps into the river, making juvenile access possible only during flood events. It appears that adults could make it but access would be difficult without a flood event.

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

Describe: No fish were observed on day of survey and as mentioned above, this site is difficult for fish to access without a flood event. It probably gets very little use by salmonids.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Because this site is intermittent, it probably has no resident trout but I suppose it's possible for a sea run cutthroat to use it to spawn in.

ENHANCEMENT OPPORTUNITIES: The lower culvert could be replaced with a larger one and positioned better. The culvert under the South Skagit highway seems passable but its size probably should be looked at.

Project type:

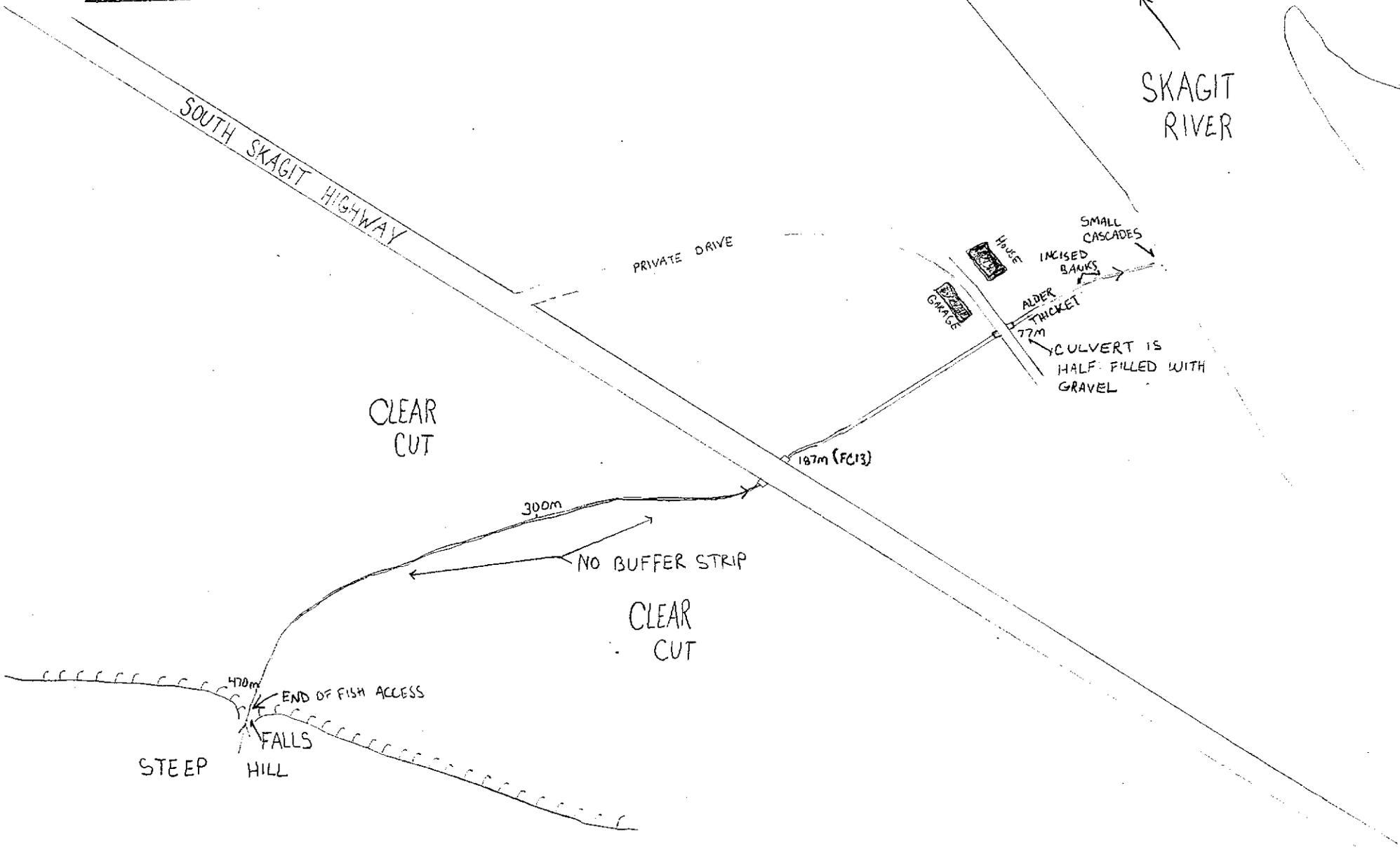
Equipment access: Access is good as there are drivable roads to both culverts.

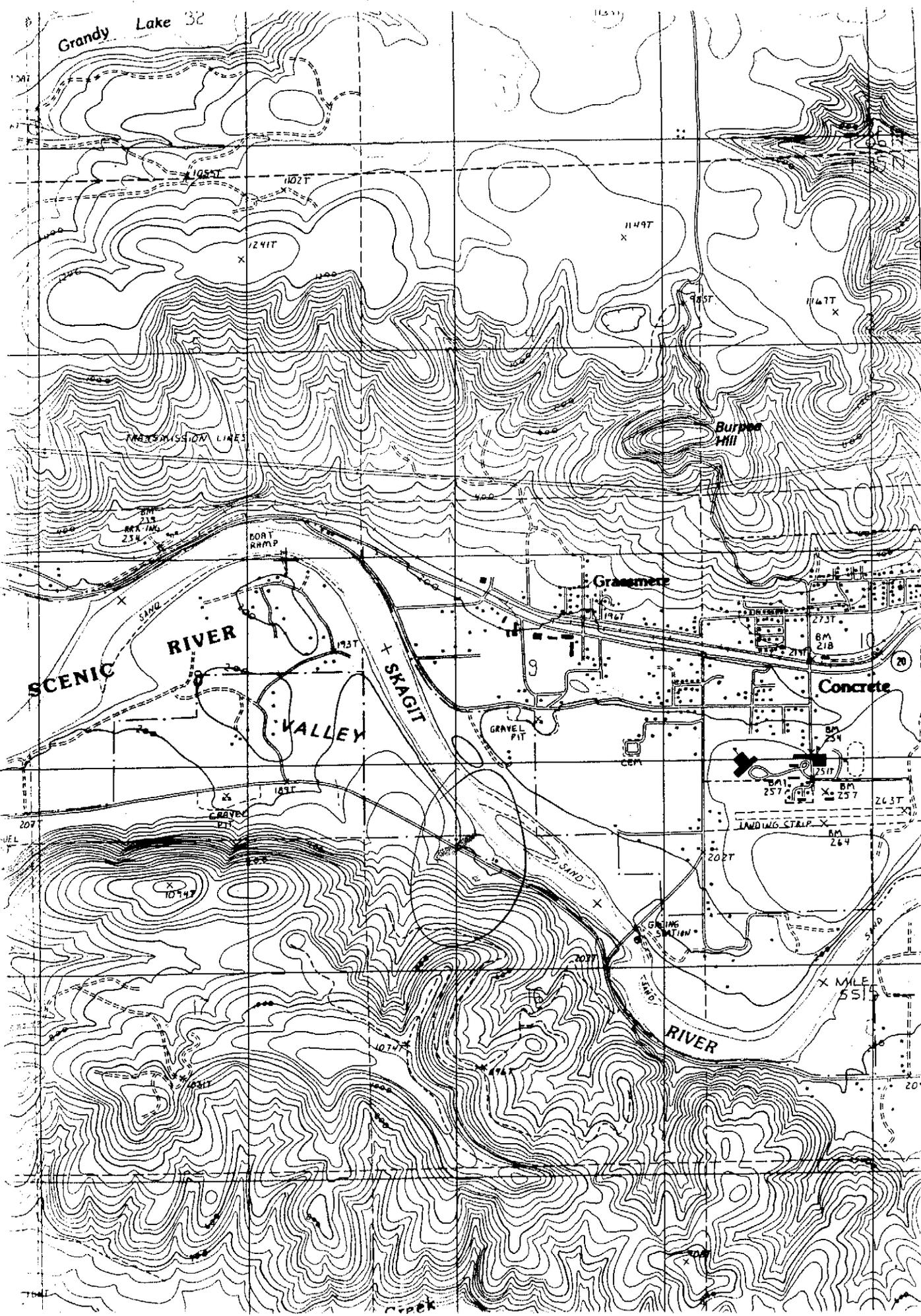
ADDITIONAL COMMENTS This is a small, medium gradient stream that should be looked at different times of the year to determine salmonid use before doing any culvert work.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

Site id. code: SK9LB2  
Site name:  
Scale: 1" = 60m  
Observer(s): MICHAEL OLIS  
Legal location:





Grandy Lake 32

SCENIC VALLEY RIVER

Burpee Hill

Greenmere

Concrete

RIVER

MILE 551

TRANSMISSION LINES

GRAVEL PIT

GRAVEL PIT

LANDING STRIP

GRAVEL PIT

stream

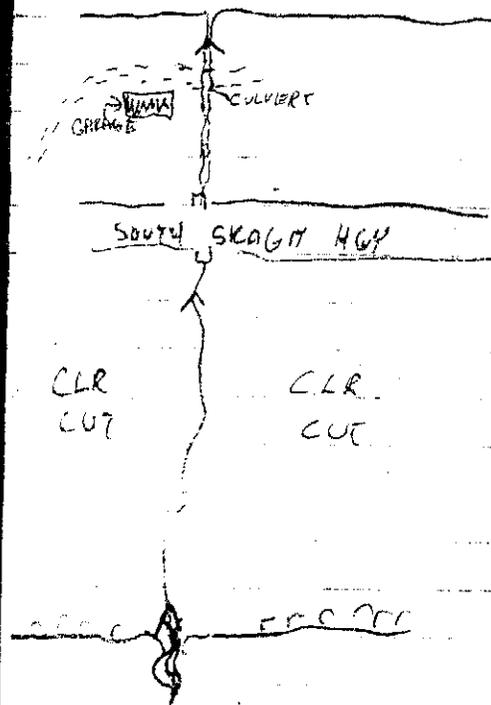
SK9 LBZ

RM 53.6

NW 1/4 S16 T35 N R8 E

15 JAN 97

← SKAGIT R ←



0.0 ENTRY

FLOW. 0.2 CFS

TEMP - 38°

REC WTR TEMP. 37°

8m WW 0.5

- CASCADES

- LOOKS PASSABLE TO ADULTS

58m WW 0.75 m

- 40/60 - P/R

- SUBSTR. SILT w/ OCCASIONAL GP. POCKETS

- 2 m<sup>2</sup> SP. HAB

- BANKS HEAVILY INCLINED

- IN ALDER THicket

77m WW .75m

- MOSTLY SMALLER CASCADES UP TO CULVERT.
- CULVERT IS HALF FILLED W/ SEDIMENT.

136m WW .5m

- RIFF - CASCADES
- 2m<sup>2</sup> SPA. HAB. BUT NEED MORE WTR FOR SPAWNING
- EMERGING FROM PAPER THICKET.

163m WW .5m

- RIFF
- NO COVER - GRASS ALONG BANKS
- NICE GRAVEL BUT

DOESN'T SEEM TO BE ENOUGH WTR FOR SPAWN.

187m WW .5m RIFF

- @ SOUTH SLOPE H64 AND 16' CULVERT. SEEMS PASSABLE

300m WW 0.5m

- RIFF → SMALL CASCADES
- NO CLEAR CUT W/ NO BUFFER STRIP.

470m 0.3m

- RIFF → CASCADES
- @ BASE OF SLOPE & WATER FALL IMPASSABLE
- WTR TEMP

- NO OVER WINTER REARNG
- SOME SPAWNING HAB.
- SURFACE FED