

**SITE INFORMATION**

**Site Identifier :** HN2RB3 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0267X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Hansen Cr **City :**  
**River Mile :** 4.90 **State :**  
**River System :** Hansen Cr **Zipcode :**  
**Legal Description :** NE1/4S7T35NR5E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

**Directions :**

From the Highway 20 and Fruitdale Road intersect in Sedro Woolley, follow Fruitdale Road for approximately 2.3 miles to a gravel road on the right. Turn right and follow to Hansen Creek. Hike down the creek for 0.2 miles to the site.

**Area Overview :**

A short terrace trib that has no spawning habitat but does offer a small amount of rearing. It may be usefull as a refuge during high flows.

**Field Survey Information**

**Date :** 02/11/1998 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

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

**Flow:** () Intermittent () Year-round

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

**Water Temperature(C):** Lower end: 8.0  
Upper end: 7.7

**Receiving Water Temperature (C):** 7.2

**Other Observations:**

**Site Area Measurements:** () Indirect () Direct () Combination

**Widths:** Channel: 1m **Ponds:** **Wetlands:**  
**Depths:** Channel: 12cm **Ponds:** **Wetlands:**  
**Total length (includes ponds and wetlands):** 246m

**Total existing habitat area (est. m2):** 214

<b>Spawning area:</b>	<b>Mainstem:</b>	<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> 214	<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:

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: Site has 40% pooled habitat and has good brushy cover. The lower section has a silt/pea gravel substrate while the upper section is more mud-bottomed with occasional skunk cabbage present.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The lower 122m is subject to flooding as there is an overflow channel entering at this point. Above this point the site appears to be more stable.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Pool present at entry as site empties into a side channel.

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

Describe: No fish were observed at the site. There is no spawning habitat available for adults but site is accessible to juveniles.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Site is accessible to trout but none were observed during the survey.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: The lower 122m has a substrate that is covered with brown algae.

#### ATTACHMENTS AVAILABLE

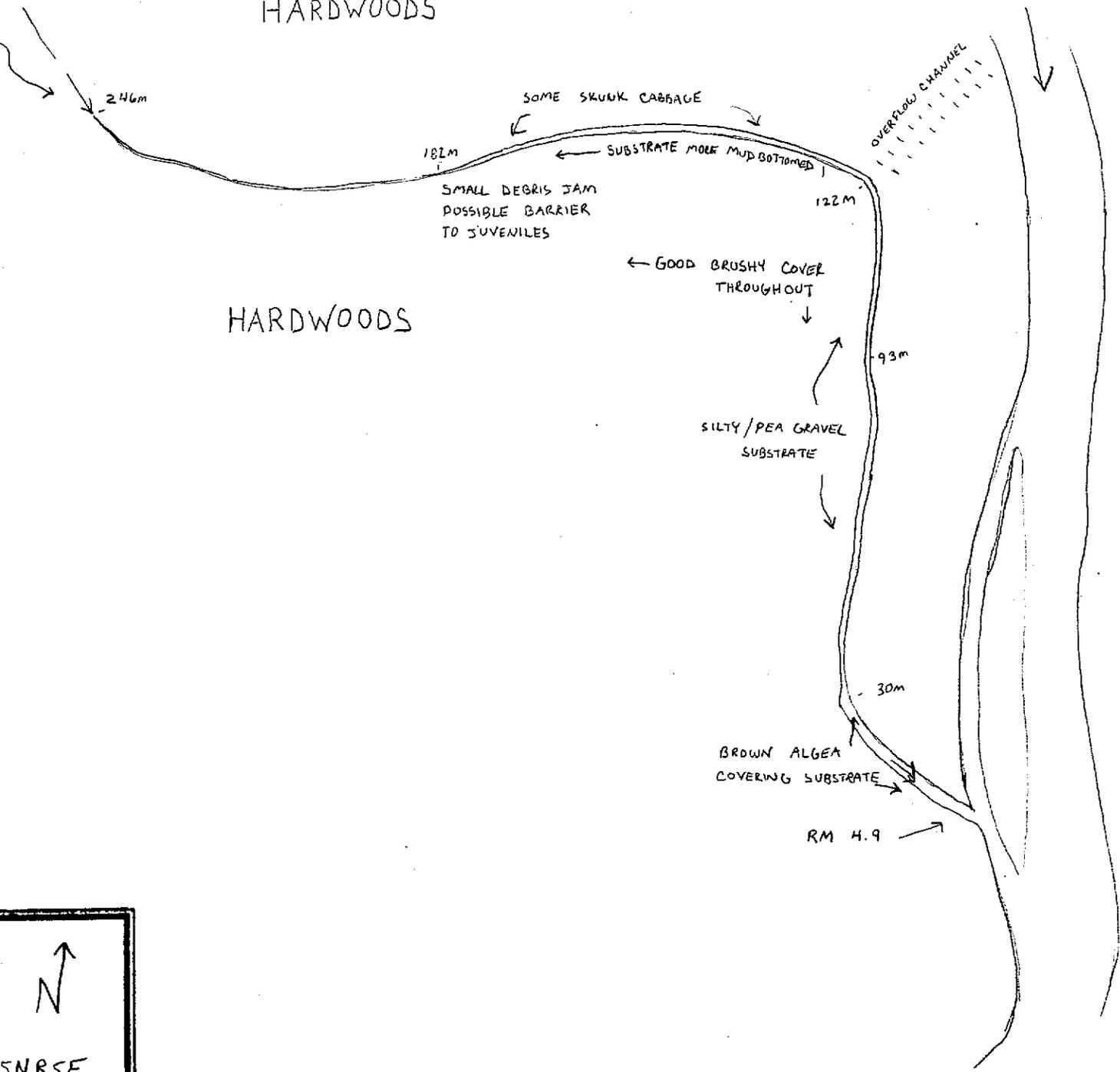
Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

- STREAM IS A TRICKLE AT THIS POINT
- END OF HABITAT

HARDWOODS

HANSEN CREEK

HARDWOODS



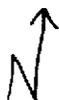
Site id. code: HN2 RB3

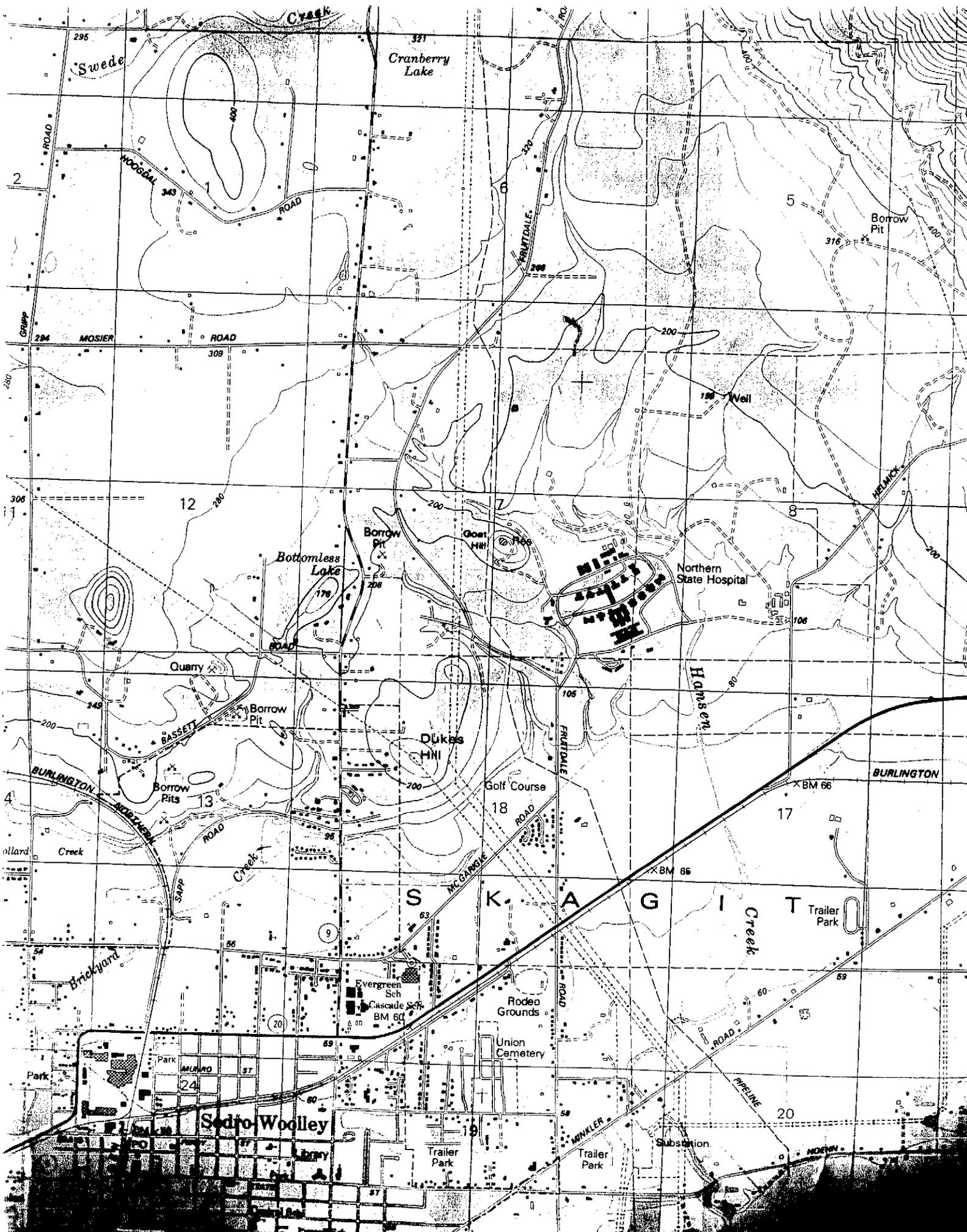
Site name:

Scale: 1" = 25m

Observer(s): M. OLIS

Legal location: NE 1/4 S7 T35 NR5E





Swede

Cranberry Lake

Borrow Pit

Bottomless Lake

Northern State Hospital

Dukes Hill

Golf Course

BURLINGTON

Evergreen Sch  
Cascade Sch  
BM 60

Rodeo Grounds

Union Cemetery

Sedro Woolley

Trailer Park

Trailer Park

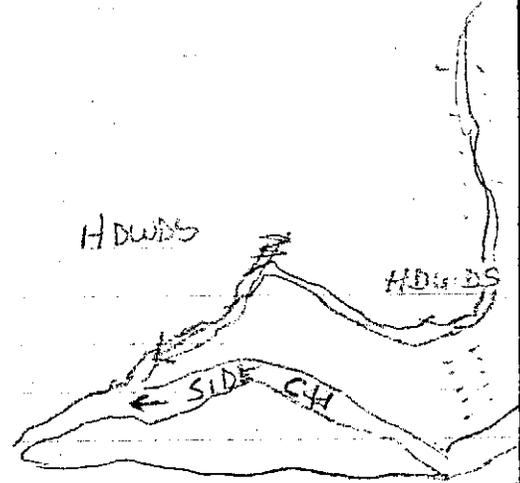
Substation

2/11/98

HNZ RB3

RM 4.9

NE 1/4 S7 T35N R5E



HANSEN CR



0.0 ENTRY

- FLOW - 0.1
- RECWT, TEMP - 45°
- STPM TEMP - 46.5°
- ACCESS INTO SIDE CH.

30m MOSTLY POOR

- WW 2M
- SOME BROWN ALGAE COVERING SUBSTRATE WHICH IS SILT/D-GC.

93m WW 1m

- MOSTLY POOR
- NO TRIB ON RB
- GOOD BRUSHY COVER

122m WW 1m

- SHALLOW, SLOW-MOVING.
- OVERFLOW ON ON LB

182m WW 0.5m

- @ SMALL DEBRIS JAM - POSSIBLE BARRIER TO JUVENILES
- SOME SKUNK CABBAGE PRESENT

286m WW - 0.5m

- VERY LITTLE FLOW
- JUST A TRICKLE

- END OF HAB
- WTR TEMP 46°

### COMMENTS

- NO SPAWN HAB.
- LOW FLOOD
- MARGINAL REARUS
- REFUGE DURING HIGH FLOWS
- NO FISH SEEN
- PROB ONLY WETTED 6 MONTHS