

SITE INFORMATION

Site Identifier : HN1LB1 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0270A **Address :**
Region : NS **Address2 :**
Trib to : 03.0270 **City :**
River Mile : 0.90 **State :**
River System : Hansen Cr **Zipcode :**
Legal Description : SE1/4S5T35NR5E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :

Take Highway 20 east out of Sedro Woolley for approximately 1.8 miles to the Helmick Road on the left. Turn left and go approximately 0.5 miles to Alpine Road on the left. Turn left again and go approximately 0.3 miles to the site which crosses under the road just before a Crown Pacific gate.

Area Overview :

This terrace trib offers a small amount of good spawning habitat and approximately 850 square meters of good rearing. It appears to be groundwater fed and has low flood potential.

Field Survey Information

Date : 02/09/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermittent (X) Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: < 0.1

Water Temperature(C): Lower end: 7.7
Upper end: 8.8

Receiving Water Temperature (C): 8.3

Other Observations:

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

Widths: Channel: 1m Ponds: Wetlands:

Depths: Channel: 12cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 770m

Total existing habitat area (est. m2): 859m

Spawning area: Mainstem: 12m Tribs: Total:

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem: 847m Tribs: Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Consists of: 1" to 3" gravel, fair amount of cover and a marginal water depth in places.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The site is 40% pooled on the average and has good brushy cover as well as some skunk cabbage and water parsley in a few places.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: There is little evidence of any damage from flooding on this site.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Small pool at entry.

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

Describe: One coho redd was observed and although some salmonid juveniles were seen, it was unclear if they were coho.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Site is accessible to trout and juvenile salmonids were observed.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: Site may become a series of disconnected small pools during extended dry periods.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

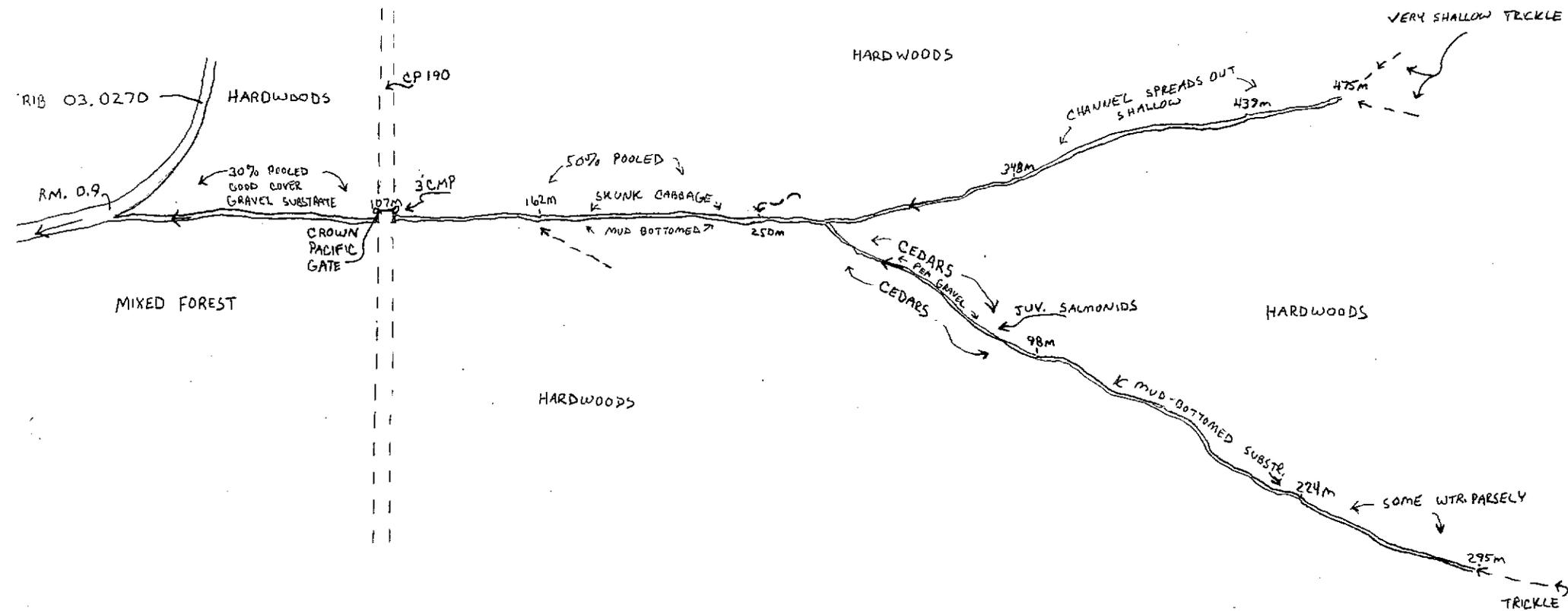
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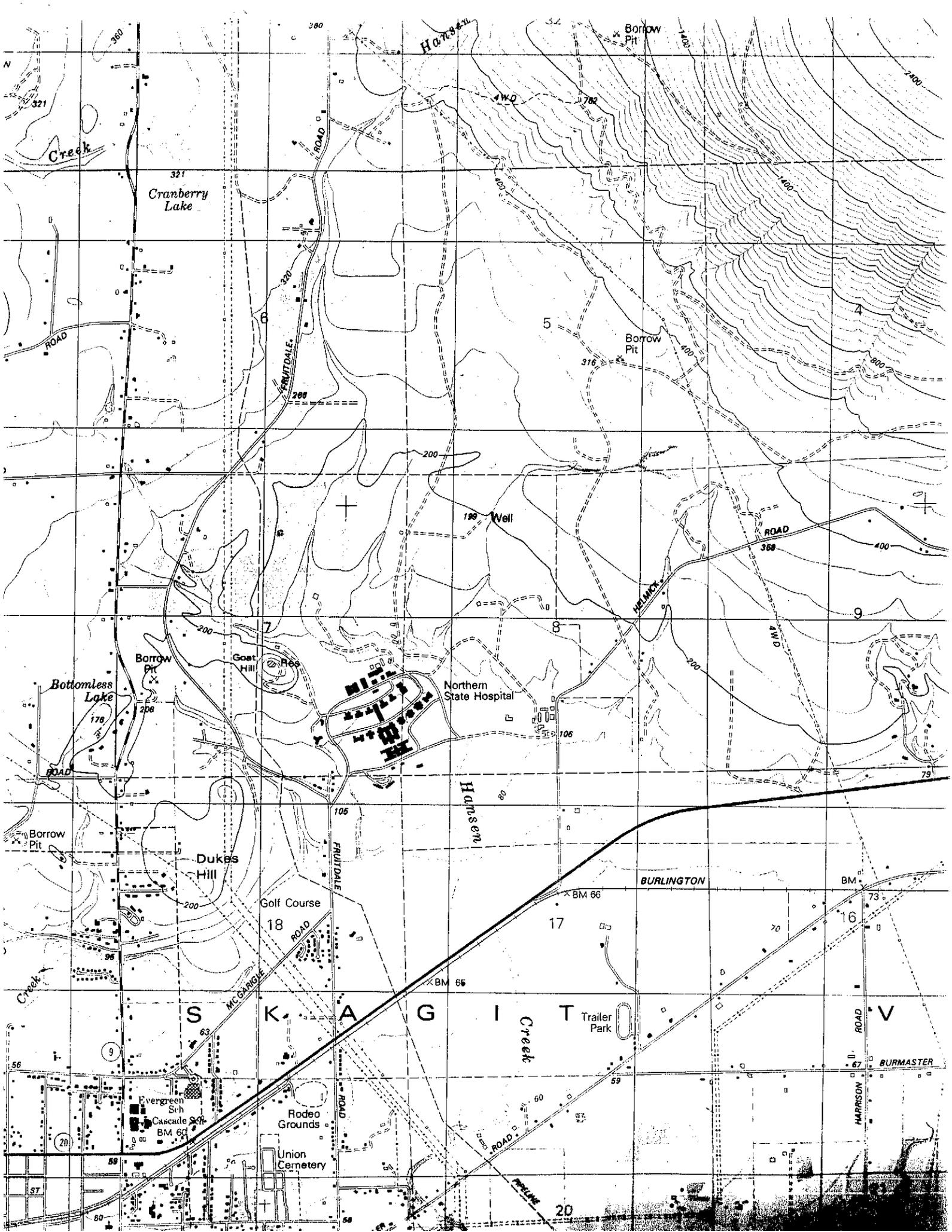
Site name:

Scale: 1" = 55m

Observer(s): M. OLIS

Legal location: SE 1/4 S5T 35N R5E





Creek
321
Cranberry Lake

Borrow Pit

Borrow Pit

Well

Northern State Hospital

Bottomless Lake

Borrow Pit

Dukas Hill

Golf Course

BURLINGTON

SKAGIT

Evergreen Sch
Cascade Sch
BM 64

Rodeo Grounds

Union Cemetery

Trailer Park

BURMASTER

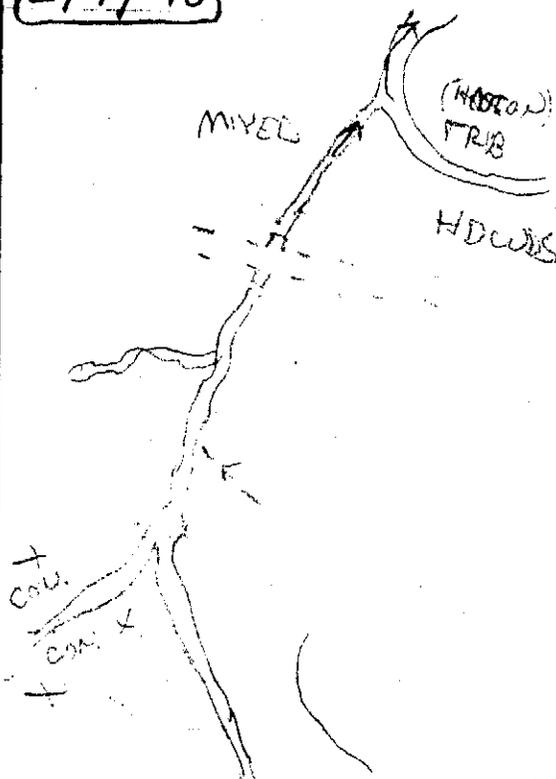
2/9/98

HN1LBI

RM 0.9

SE 1/4 S5 T35N R5E

TRIB TO 03.0270



0.0 ENTRY

FLOW - 0.2 CFS

TEMP - 46°

R WTR TEMP - 47°

ACCESS -

107m ww 1.5m

- 30% POOLED
- GRAVEL SUBSTR
- 1-3" - 8m² SP. h.
- GOOD COVER
- @ 3' CAMP (PASSABLE)
- 1 REED BELOW,
- JUV. SALM. SEEN

162m ww 1m

- 2m² SP. ARE.

162m ~ PLENTY
OF WOOD BOBBS
IN WTR.

- INT TRIB ON LB

250m WW 1m

50% POOLED

- SUBSTR. IS OCCAS.

MUD BOTTOMED w/

SKUNK CABB,

- SEEP ON RB w/

WTR PARS.

- POSSIBLE COHO RED.

273m WW 1m

- @ FORK

- FLOW IS SPLIT

EVENLY.

GOWG W/ RE

348m 1m WW

- SLOW - MOUND

- GOOD COVER

439m WW 2m

- CH SPREAD OUT

& SHALLOW

- INTO HARDWOODS

ONLY

- MUDDY - LEAF BOTTOM

- INT TRIB ON LB

475m WW 2m

SPREAD OUT - 2" DEEP

WTR TEMP 48°

... SKUNK CABBAGE
REZERING ON
LF

98m WW 0.75m

- 50% POOLED
MUD BOTTOMED w/
PEA GR.

- IN A GROVE OF
SECOND GROWTH CONIFERS

224m WW 0.75

- MORE HARDWOOD STAND

295m WW 0.25m

- OCCASSIONAL WTR.
PARSLEY

STEM JUST A...

TRICKLE NOW.
END OF HAB.
WTR TEMP. - 47°

Comments

- SOME GOOD SP.
HAB. PRESENT,
- GRND WTR &
SURFACE FED.
- SALMONIDS SEEN
TWO REDES SEEN.
- LOW FLOWING
- GOOD REARNG STRM.