

SITE INFORMATION

Site Identifier : BK4RB1 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.0435X **Address :**
Region : NS **Address2 :**
Trib to : Baker R **City :**
River Mile : 18.90 **State :**
River System : Baker R **Zipcode :**
Legal Description : SW1/4S25T38NR9E **Phone :**
County : Whatcom
Habitat Type : lower valley wall tributary

Directions :

From Sedro-Woolley take highway 20 to the Baker Lake road and turn left. Take this road which passes Grandy Lake and Lake Shannon to Baker Lake and continue to Shannon creek approximately 25 miles from highway 20. The site crosses under the road 0.5 miles above Shannon Creek.

Area Overview :

Site is a very short reach of a small stream falling off of a nearly sheer mountain face onto a narrow bench before entering Baker Lake. The 20 meter reach offers a limited amount of spawning and rearing habitat for coho and spawning habitat for sockeye.

Field Survey Information

Date : 11/11/1998 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end:0.3
Upper end:0.3

Water Temperature(C): Lower end:7
Upper end:

Receiving Water Temperature (C):9

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel:1.5 Ponds: Wetlands:

Depths: Channel:0.1 Ponds: Wetlands:

Total length (includes ponds and wetlands):20

Total existing habitat area (est. m2):30

Spawning area: Mainstem:10 Tribs: Total:10

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem:30 Tribs: Total:30

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Spawning gravel is mainly in the lower end near the lake edge and is of a mixed size and angular.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Stream is mostly riffles and rapids with very little quiet water.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Stream appears very stable.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Site is only accessible when the reservoir is full. The shoreline drops off precipitously from the bench with flow sheeting over a broad area when the reservoir level is down.

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

Describe: Coho use is unknown but possible. No coho were observed.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Sockeye were able to access the lower end of the stream and spawn. Two redds and five carcasses were observed on the day of the survey. Trout use is probable.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

N
↑

RM 18.9

Lake Level on Whittas
↓

mud flat

sheet flow

Baker lake level, full Reservoir
↓

4% gradient

Alder forest

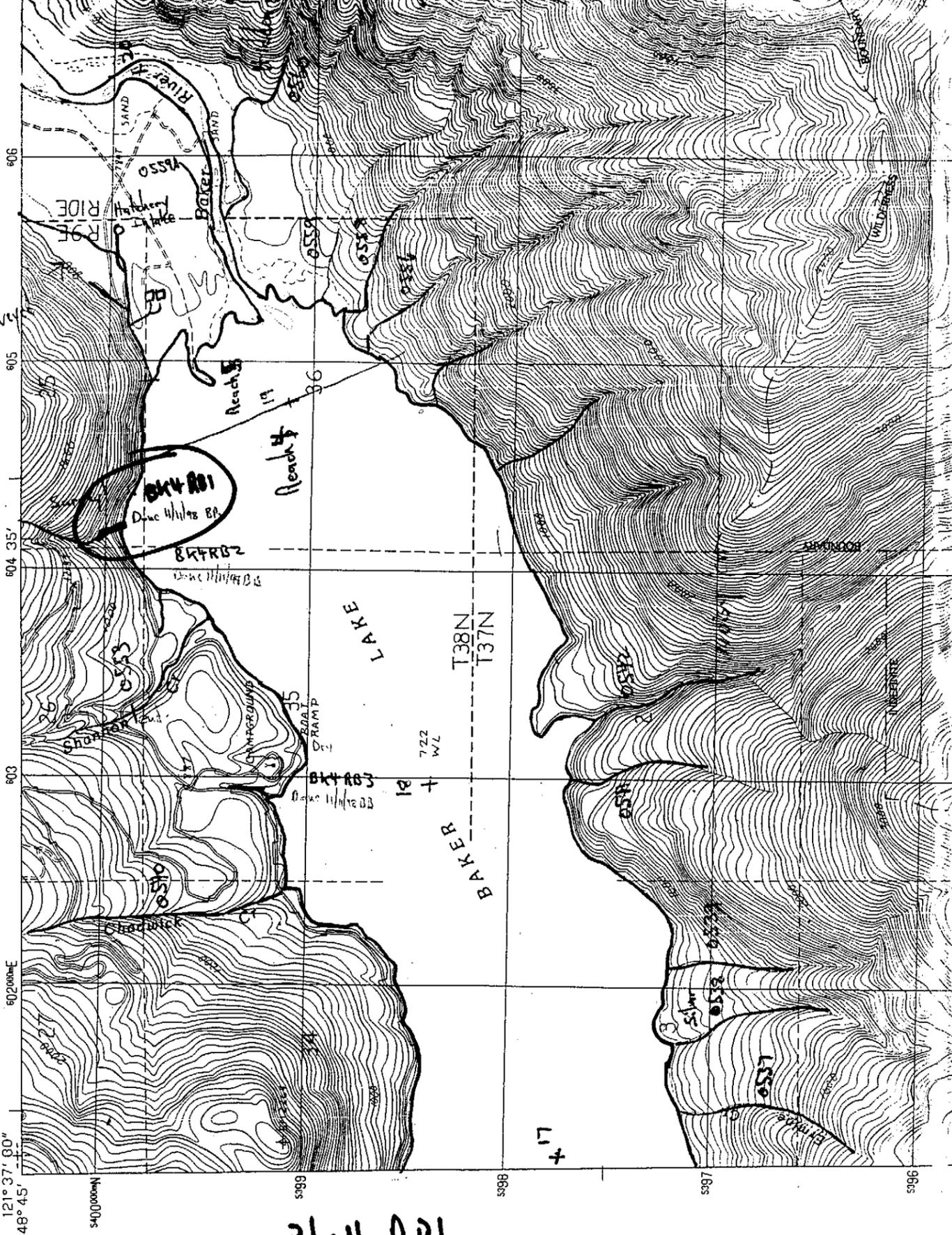
15m
8% gradient
20m. End of access
log Jam
25' drop

Baker lake road, F.S Road 394 } Falls

Site id. code: BK4RB1
Site name:
Scale: 1" = 10m
Observer(s): B. Burkduff
Local location: SW 1/4 S 25, T38N, R9E

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

121° 37' 00"
48° 45'



BK4 RB1

11/11/98 Trip to Baker It

Stream 44, 48 lake; access is entirely
dependent on lake level, needs to be
higher. Sockeye Reeds at mouth
32 meters to lake from ordinary
lake full level. 5 Sockeye Carcasses
0.0 → 15 m 1.5 w/c 4% grade
20 1.5 8%, end of access

O.B.F.S

Bk4 A01

Rm 18.9

SW25, T32N, R9E

