

**SITE INFORMATION**

**Site Identifier :** BK3LB2 **Landowner Type :** Federal  
**Site Name :** **Landowner Name :** USFS  
**WRIA :** 03.0435X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Baker Lake **City :**  
**River Mile :** 9.20 **State :**  
**River System :** Baker R **Zipcode :**  
**Legal Description :** SW1/4S31T37NR9E **Phone :**  
**County :** Whatcom  
**Habitat Type :** terrace tributary

**Directions :**

After crossing the Baker Lake dam, turn left on the FS 1107 road and go approximately 0.4 miles to the site which is located adjacent to a gated spur on the right.

**Area Overview :**

This site has approximately 935 square meters of excellent rearing habitat and appears to be wetted year round with some groundwater inflow. There was some juvenile trout observed up to the barrier culvert at 146m but none above. There is a minimal amount of good spawning habitat present.

**Field Survey Information**

**Date :** 04/06/1999 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end: 0.25  
Upper end: None

**Water Temperature(C):** Lower end: 7.2  
Upper end:

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

**Other Observations:** Upper water temperature was not taken.

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel: 2m Ponds: Wetlands:

Depths: Channel: 20cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 328m

**Total existing habitat area (est. m2):** 935

Spawning area: Mainstem: 5 Tribs: Total:

Impounded area: Mainstem: 350 Tribs: Total:

Other rearing area: Mainstem: 190 Tribs: Total:

Unaccessible habitat: Mainstem: 390 Tribs: Total:

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: There are a couple patches of gravel located below the culvert with a fair amount of cover present.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: There is some beaver activity in this site creating small impounded areas and some slow-moving habitat. The substrate is very mucky with skunk cabbage, water parsley and algae present.

Describe unaccessible habitat: The culvert at 146m has a 1.8 foot drop, making the habitat above unaccessible. It is slow-moving and pooled above the culvert with a mucky substrate. There is a good amounts of water parsley, rush and canary grass but is lacking in tree cover.

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: This site shows little evidence of flooding as Baker Lake levels are controlled by Puget Power operations.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Site flows into Baker Lake and there appears to be no obstructions to fish entering or leaving.

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

Describe: Both juvenile and adults can enter this site but neither were observed on day of the survey.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Juvenile trout were observed in this site just below the barrier culvert but there were none detected above the culvert.

ENHANCEMENT OPPORTUNITIES: The barrier culvert at 146m could be replaced and this would open approxiamtely 390 square meters of excellent rearing habitat. It may be possible to impound the site even more to create additional habitat if it is feasible.

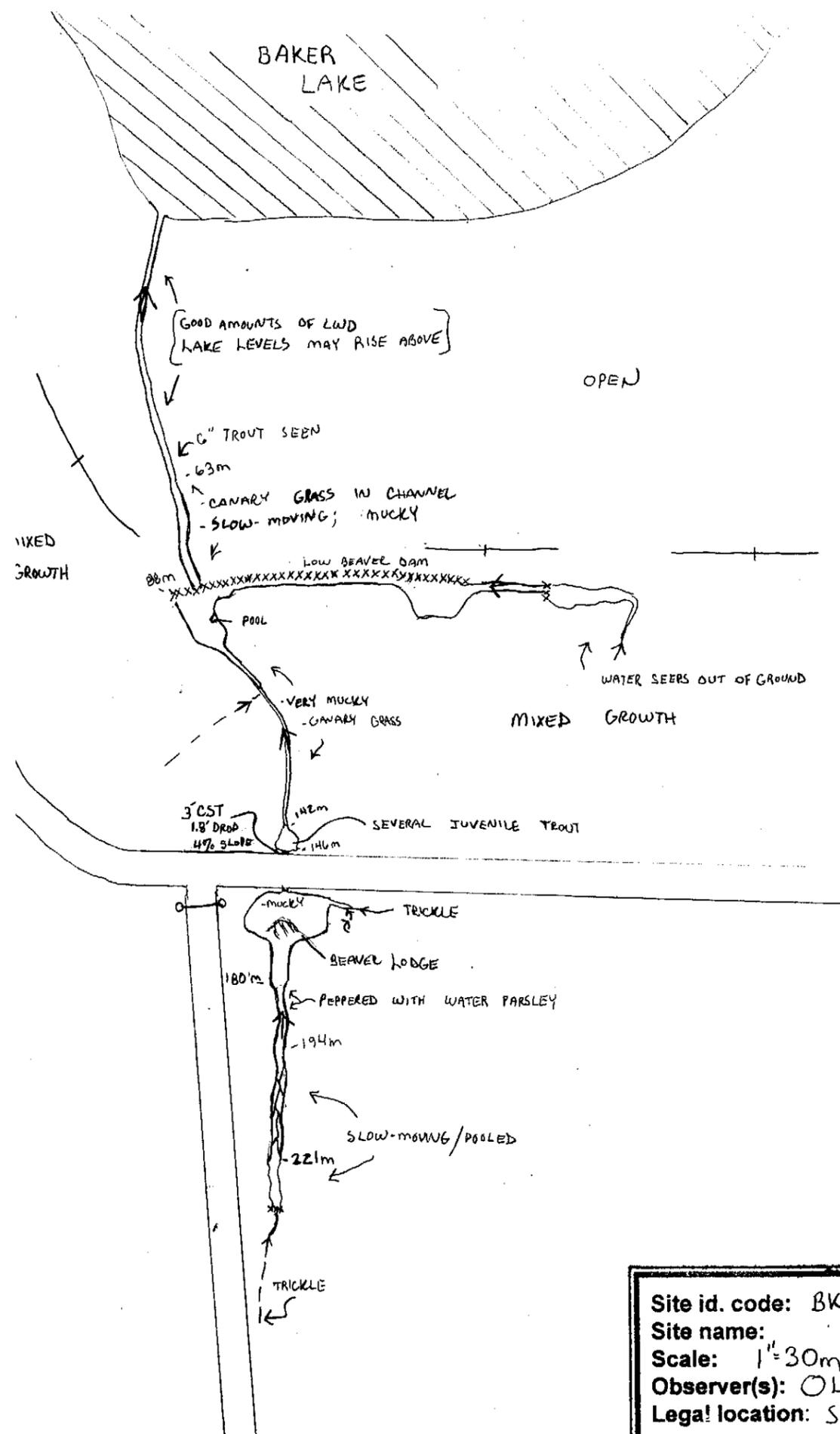
Project type:

Equipment access:

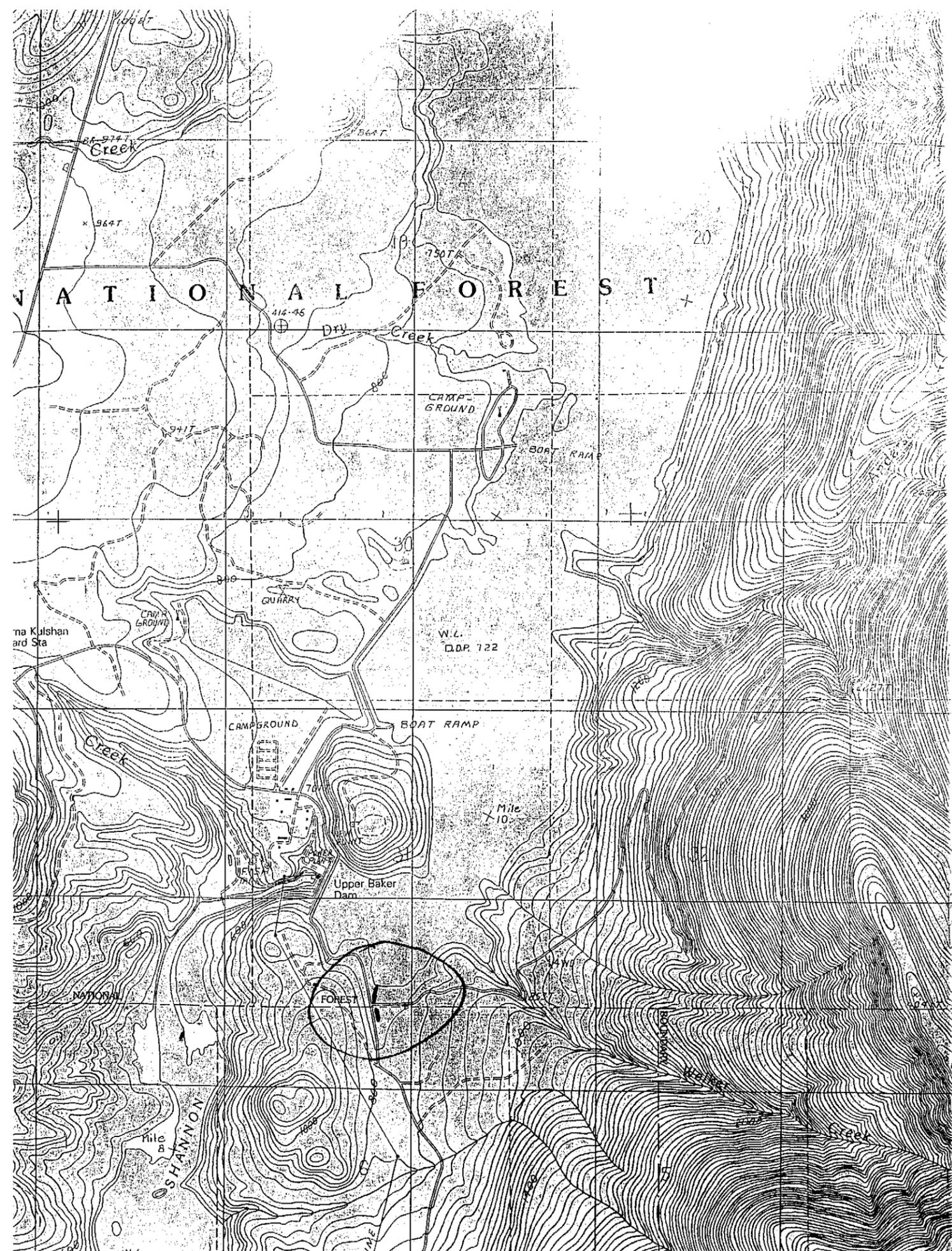
ADDITIONAL COMMENTS: GPS readings: North 1210066.004, East 1712930.707 at mouth, North 1209439.909, East 1712824.510 at culvert. The survey ended as the site ran out of water in a ditch along the logging road. This system may have more water in it during extended high flow periods.

#### ATTACHMENTS AVAILABLE

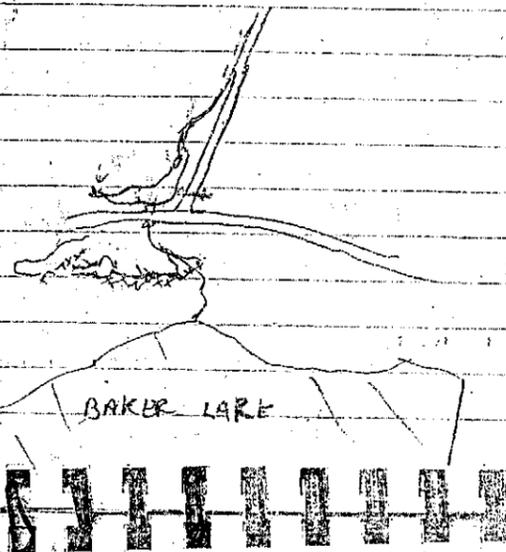
Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: BK3LB2  
 Site name:  
 Scale: 1"=30m  
 Observer(s): OLIS  
 Legal location: SW<sup>1</sup>/<sub>4</sub> S31 T37R9E



4-6-99



ENTRY

Flow - 0.25

WT - 45°

CWT -

WELLS INTO LAKE

63m WW 1m

- LOTS OF WD

- 2m<sup>2</sup> SP HAD

- 6" FLOW

- CANOPY GRASS ON BANKS

88m WW 1.5

- SLOW-MOVING

- CANOPY GRASS ON CH

- @ 15m L BMR DAM

99m Em Pool

- SOME WILLOW ON  
R.B.

- VEEP CRACK 9 30770m

- SOME WTR F. & ALL

116 TRICKLE ON LB.

142m w/w 1m

3m<sup>2</sup> SP. NAB

- SOME SUNK CABE.

146m w/w 5m

- POOL BELOW CULVERT.

+ SLOPE FRONT W. POOL  
≈ 4"

- @ 3' CST GALV.



146m m. 1.8 FOOT

OUTFALL DROP - 40% SLOPE

160m - UPSTREAM END  
OF CULVERT,

180m w/w 20m POOL

- MUCKY BOTTOMED

- BVP LOGGE

- WFLOW ON RB

(6m x 1m)

180m w/w 4m

POOL

194m w/w 2m

- PEPPERED WITH

WATER P.

- RUSH/CAN GR

- 5m of SPRAWL  
HAD - 1-2' GRAVEL  
- FINE COVER

- FC BEARING  
- TROUT SEEN IN SITE  
- NO FISH SEEN ABOVE

RED  
- GRND WTR FED  
- V. R. ROUND

221m  
BRASSY

231m 4m POOL  
- BRASSY CONNECTED  
TO HABS BELOW  
2m BVE ?

237m WW 1m - FISH  
ACCESS ENDS FOR  
TODAY

- PELEO RF BELOW AD

45m WW 1.5  
- MURKY - SLOW-MOVING  
- OLD BVE - MANY ON RB



10m BUL DOWN  
ACCESS IS BLED  
TODAY

52m WW 10m - POOL

71m WW 4m POOL

20m x 6m BUL POND  
NOT ACCESSIBLE TODAY

AREA ABOVE POND REPELLED  
W/ WATER PARLEY  
- COME UP OUT OF GROUND  
- GROUND WTR