

SITE INFORMATION

Site Identifier : BK5RB3 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.0435X **Address :**
Region : NS **Address2 :**
Trib to : Baker R **City :**
River Mile : 22.10 **State :**
River System : Baker R **Zipcode :**
Legal Description : NE1/4S19T38NR10E **Phone :**
County : Whatcom
Habitat Type : beaver pond

Directions :

From the Cook Road and Hwy 20 intersect, head east on Hwy 20 for 17.8 miles to the Baker Lake Rd. on the left. Turn left and go approximately 25 miles to the end of the road. Park and walk upstream on the Baker river trail 0.5 miles to the bridge crossing. Don't cross the bridge, stay to the trail going upstream on the right bank of the river. The sight is located approximately 0.8 miles above the bridge. See Map

Area Overview :

Site is a very large, (411,954 m2) long established beaver pond with multiple outlets to a Baker River side channel. A high gradient ephemeral stream enters on the right bank. Some limited spawning occurs in the pond where a shale slide has intermittently reached the pond. Many large downed trees and snags are interspersed throughout the pond.

Field Survey Information

Date : 07/31/1999 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 2.0 (very rough guess)
Upper end:

Water Temperature(C): Lower end: 13
Upper end:

Receiving Water Temperature (C): 14.5

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: Ponds: Wetlands:
Depths: Channel: Ponds:1.5 Wetlands:
Total length (includes ponds and wetlands):355

Total existing habitat area (est. m2):411,954 (From photos)

Spawning area:	Mainstem: unknown	Tribs:	Total:
Impounded area:	Mainstem: 411,954	Tribs:	Total: 411.954

Other rearing area: Mainstem: Tribs: Total:
 Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: On the day of the survey old redds were obvious at the base of a shale slide into the pond. The amount of possible spawning habitat was tough to determine because the fish were digging through silt to get to the gravel. Some spawning may occur in small patches of gravel in the multiple channels of the outlet. The quality of the gravel in the pond is less than ideal because of the silt present.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The current large beaver pond is formed by one very large, long dam with multiple outlets. It appears that at one time in the recent past another dam existed below the current one creating an even larger pond complex but a river side channel has moved over and took out part of the dam. The pond itself is up to two meters in depth and apparently flooded an old growth forest. There are many very large cedar snags and downed timber throughout the pond with sedges and cattails along the margins. A high energy, high gradient, ephemeral stream enters the pond on the right bank but probably offers no spawning or rearing habitat. This pond is long established and shows on maps of the area.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The pond is well within the floodplain of the Baker River and is of moderate risk from the frequent channel changes the river makes.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Fish must enter the pond via a number of small outlets over a very tall beaver dam. Probably only adults are able to access this site during very high flows.

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

Describe: Some obvious old redds were observed, and juveniles were observed in small numbers throughout the pond.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Sockeye could possibly enter and use this site, some large trout were observed.

ENHANCEMENT OPPORTUNITIES: None

Project type:

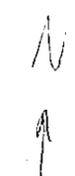
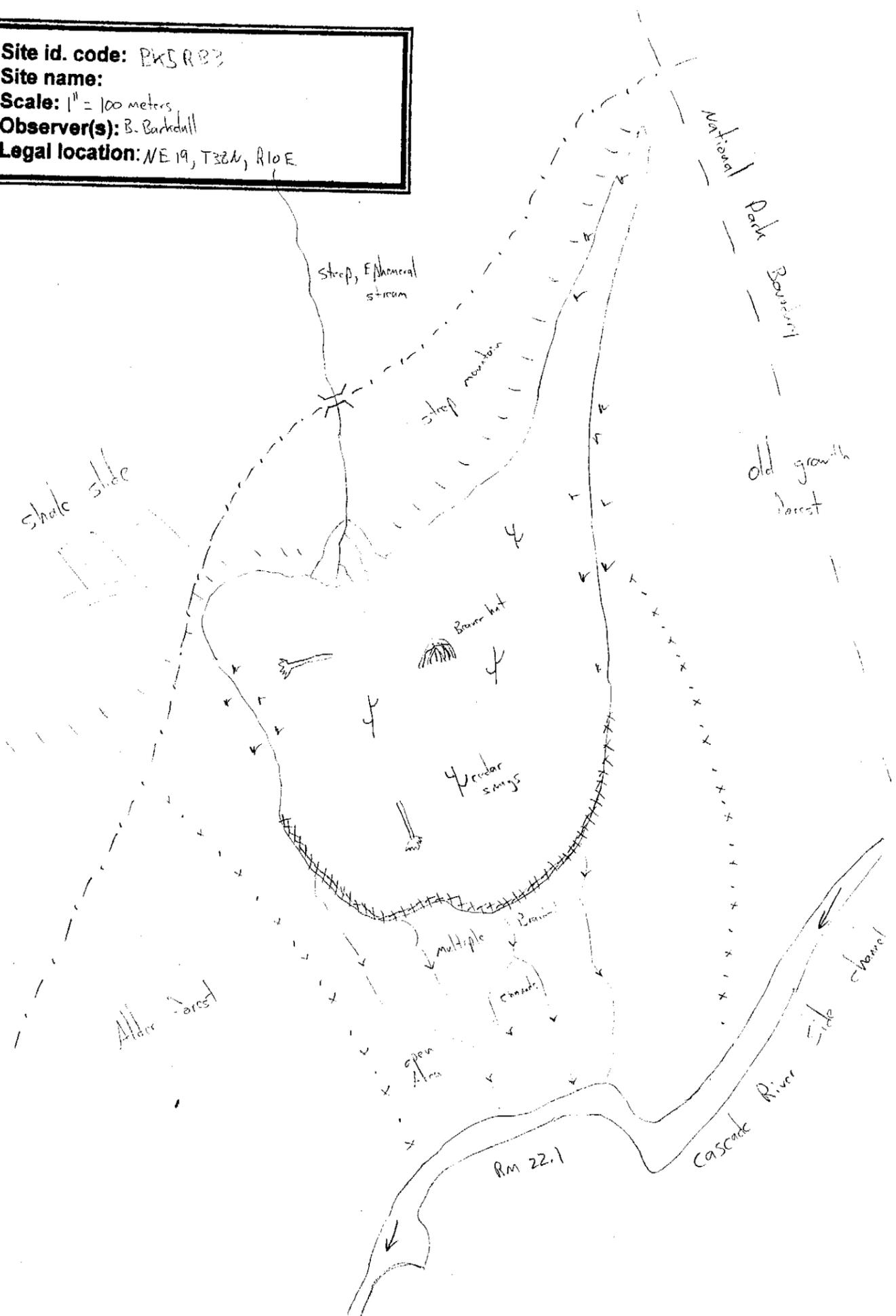
Equipment access:

ADDITIONAL COMMENTS: Site is worth the hike just to observe. Fabulous wildlife viewing area.

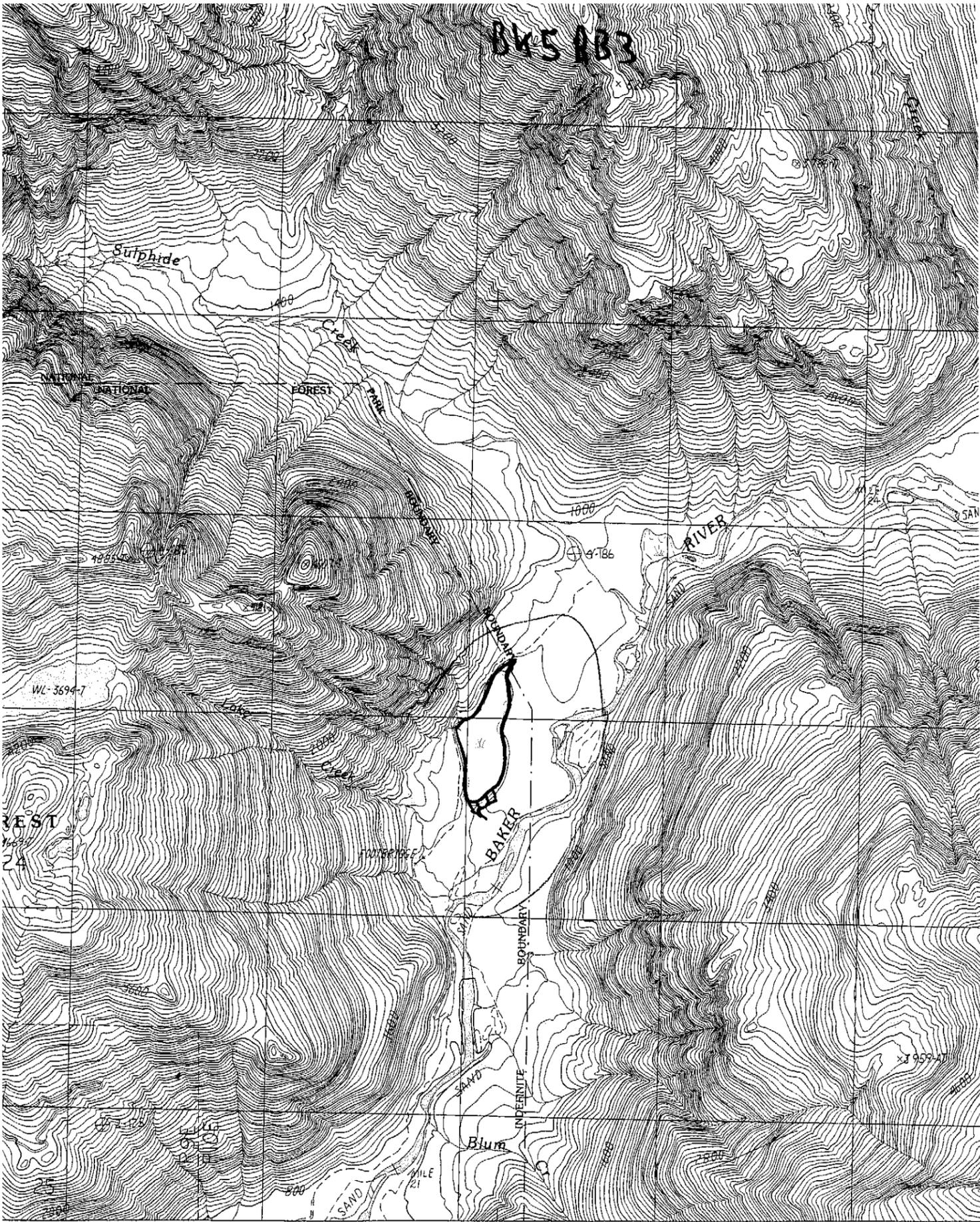
ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping

Site id. code: PK5RB3
Site name:
Scale: 1" = 100 meters
Observer(s): B. Barkdull
Legal location: NE 19, T38N, R10E



BK5 183



SCALE 1:24 000

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989

0 1 2
0 1000 2000
KILOMETERS
METERS

