

**SITE INFORMATION**

**Site Identifier :** WC2RB1 **Landowner Type :** Federal  
**Site Name :** **Landowner Name :** USFS  
**WRIA :** 03.1116X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** White Chuck R **City :**  
**River Mile :** 5.60 **State :**  
**River System :** White Chuck R **Zipcode :**  
**Legal Description :** NE1/4S15T31NR11E **Phone :**  
**County :** Snohomish  
**Habitat Type :** spring creek

**Directions :**

From Darrington, head south on the Mountain Loop highway for approximately 8 miles to the FS 23 road. Turn left and go approximately 5.1 miles to the bridge over the White Chuck and park at the White Chuck Bench trailhead on the left. The site is approximately 0.5 miles down the trail.

**Area Overview :**

Site is made up of a large spring emanating from the base of the mountain on the right fork, and a marshy ground water fed channel on the right fork. The site is low gradient and low in velocity within an old-growth forest with dense Devils Club understory and Skunk Cabbage in the left fork. This Site offers extremely productive spawning and rearing habitat for coho.

**Field Survey Information**

**Date :** 9/1/1998 **Observer :** Barkdull **Survey Type :** initial

**HABITAT INFORMATION**

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

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

**Estimated Flows (cfs):** Lower end:0.5  
Upper end:0.4 in main spring, 0.1 in left fork

**Water Temperature(C):** Lower end:Not Taken  
Upper end:

**Receiving Water Temperature (C):**

**Other Observations:**

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

Widths: Channel:2.0 Ponds: Wetlands:  
 Depths: Channel:0.3 Ponds: Wetlands:  
 Total length (includes ponds and wetlands):266

**Total existing habitat area (est. m2):**435

Spawning area:	Mainstem:30	Tribs:	Total:30
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem:243	Tribs:192	Total:435

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: Very stable flows evident by rectangular shape of the channel, gravel is a mixture of coarse sand to 1" in diameter.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: Stream is a low gradient, marshy creek throughout with several forks. Stream has excellent instream cover and excellent overhead cover. Skunk Cabbage and Devils Club line the banks on the left bank trib.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: Site does not appear to ever be flooded but the bench is low and it would not take much for the river to jump to this side of the narrow valley.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Coho have direct access to the site from a side channel

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

Describe: Old coho redds were apparent in the lower end; juveniles were extremely abundant

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Trout use is very probable

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: An extremely productive site. This site may have considerably more accessible habitat in winter when flows are higher.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

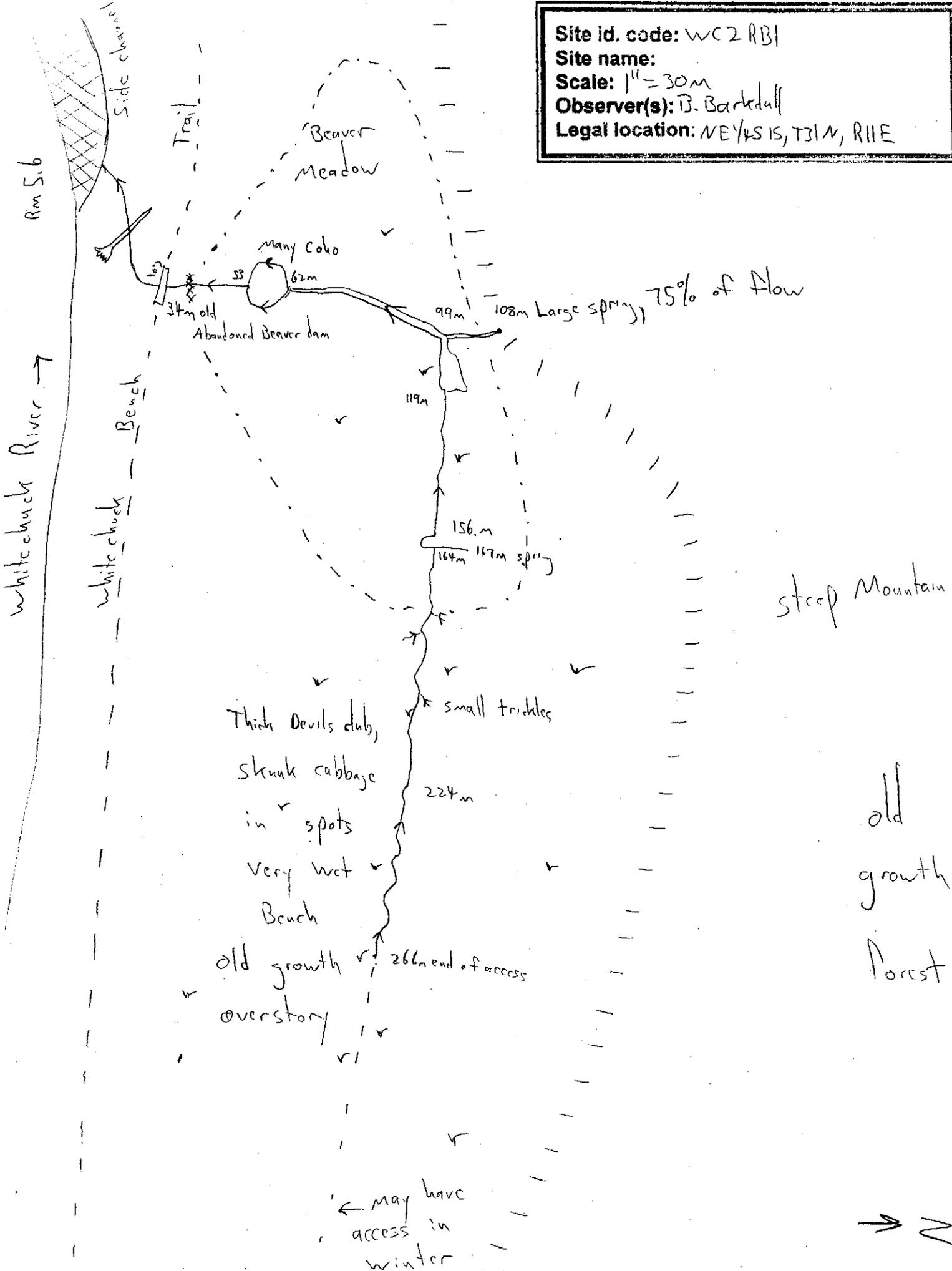
Site id. code: WC2RBI

Site name:

Scale: 1" = 30M

Observer(s): B. Barkdull

Legal location: NE 1/4 S15, T31N, R11E





9/1/02 subs to site 2000 ft N

WC2481

below bench or 0.5 m

0.0 2.0 0.5 cfs rain

34 1.2 Patch yard, 30%

2% gradient

53 2.0 mud/sand

R.D. ch

62 1.6 top of pit

79 3.0 split to left

108 2.0 75% of flow water

bubbles w/ from the ground

108 Reenter at 0.9 m split

119 4.0 Swampy

156 1.0 low gradient, sand patch

164 0.5 split

167 0.2 end

224 1.5 water trickles in it

Several spots

266 0.5

9/1/98 continued

Devils club, skunk cabbage  
in vernal, defined old swale  
may be considerably more  
surface area in winter,  
appears there is a lot  
of area possible along margins

WC2RBI

NE 1/4 S15, T31N R11E

RM 5.6

242.6 m to main spring

192.1 m to Li Fork

30 m sp. Habitat

