

SITE INFORMATION

Site Identifier : EN2RB1 **Landowner Type :** Private
Site Name : **Landowner Name :** George Adams
WRIA : 03.0237X **Address :** 16011 Beaver Lake rd.
Region : NS **Address2 :**
Trib to : Cold Springs Cr **City :** Mt. Vernon
River Mile : 0.90 **State :** Wa
River System : EF Nookachamps Cr **Zipcode :** 98273
Legal Description : SW1/4S20T34NR5E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

From Sedro-Woolley take highway 9 southbound to Clear Lake, turn left on the Beaver Lake road. Stay on the Beaver Lake road past Beaver lake, Mundt Creek, and E.F Nookachamps Creek for approximately 3.3 miles. Turn left at the Cultus Mountain Ranch, 16011 Beaver Lake road, and follow to the end. Site is located just below the large pond.

Area Overview :

Site is a small high gradient stream that has a nearly complete blockage culvert near the mouth. The site would offer a small amount of fair spawning habitat if accessible.

Field Survey Information

Date : 1/11/00 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end:1.5
Upper end:1.5

Water Temperature(C): Lower end:4.4
Upper end:4.4

Receiving Water Temperature (C): 5

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel:2.5 Ponds: Wetlands:

Depths: Channel:0.1 Ponds: Wetlands:

Total length (includes ponds and wetlands):199

Total existing habitat area (est. m2):451

Spawning area: Mainstem:50 Tribs: Total:50

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem:451 Tribs: Total:451

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Spawning habitat would be good but llamas and horses are enclosed in a field in the lower end of the stream and have broken down the banks and walk through the lowest gradient part of the stream.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Site is mostly high gradient with few pools; the lower end that is low gradient has been abused by livestock.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Stream appears fairly stable and does not get flooded by 03.0237

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Fish have good access to the mouth of the stream, but a culvert at 10 meters reduces access to most of the stream.

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

Describe: No coho were observed on the day of the survey.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Sea-run cutthroat were observed spawning just below the culvert.

ENHANCEMENT OPPORTUNITIES

Project type: Culvert replacement

Equipment access: Good

ADDITIONAL COMMENTS: The landowner, George Adams is a convicted murderer who does not like surprise visits. If contacted prior to your visit he is very amiable.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

||||| to to to of Call springs
0.0 4.0 fishway See next pg
1.5 at 40° 41° in tab
Call host observed

10.0 Partially impassible culvert

16.0 upper end of Culvert

26.0 low Control

36. 3.5 split channel

other channel 1.0 wide

76 2.5 4% gradient getting steeper

161 2.0 8% cascade

164 2.0 12%

199 2.0 16% very bad cascade

BB1 is site of fishway

CU1 is Culvert above fishway on sk

DAM1 is fishway of Dam on Marston

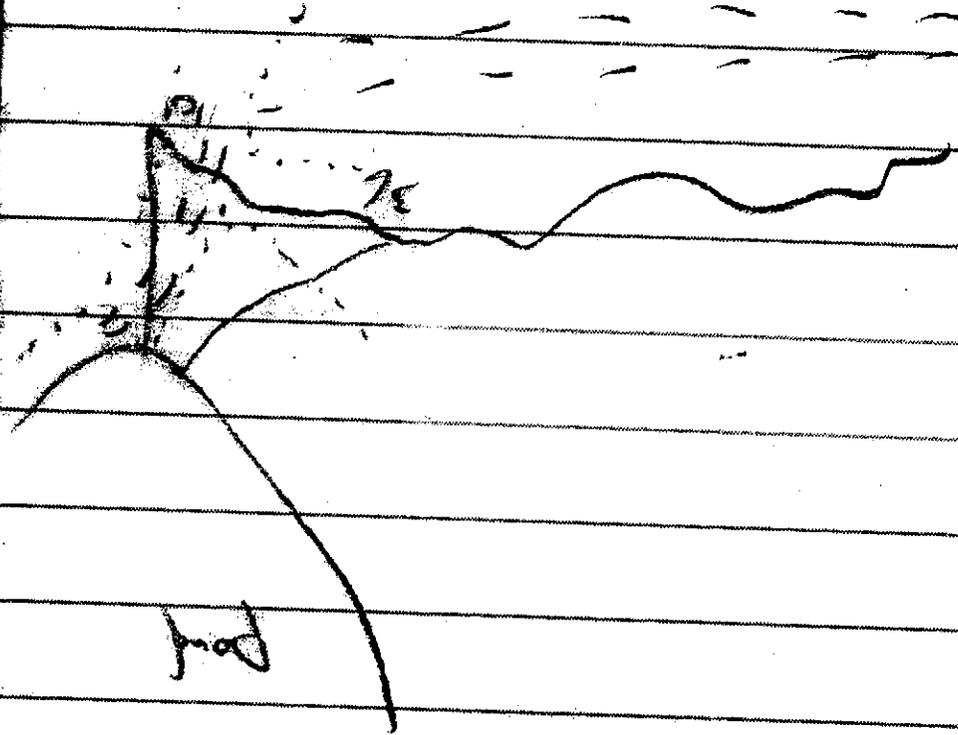
CU2 is an channel split

EN2RR1

RM 0.9

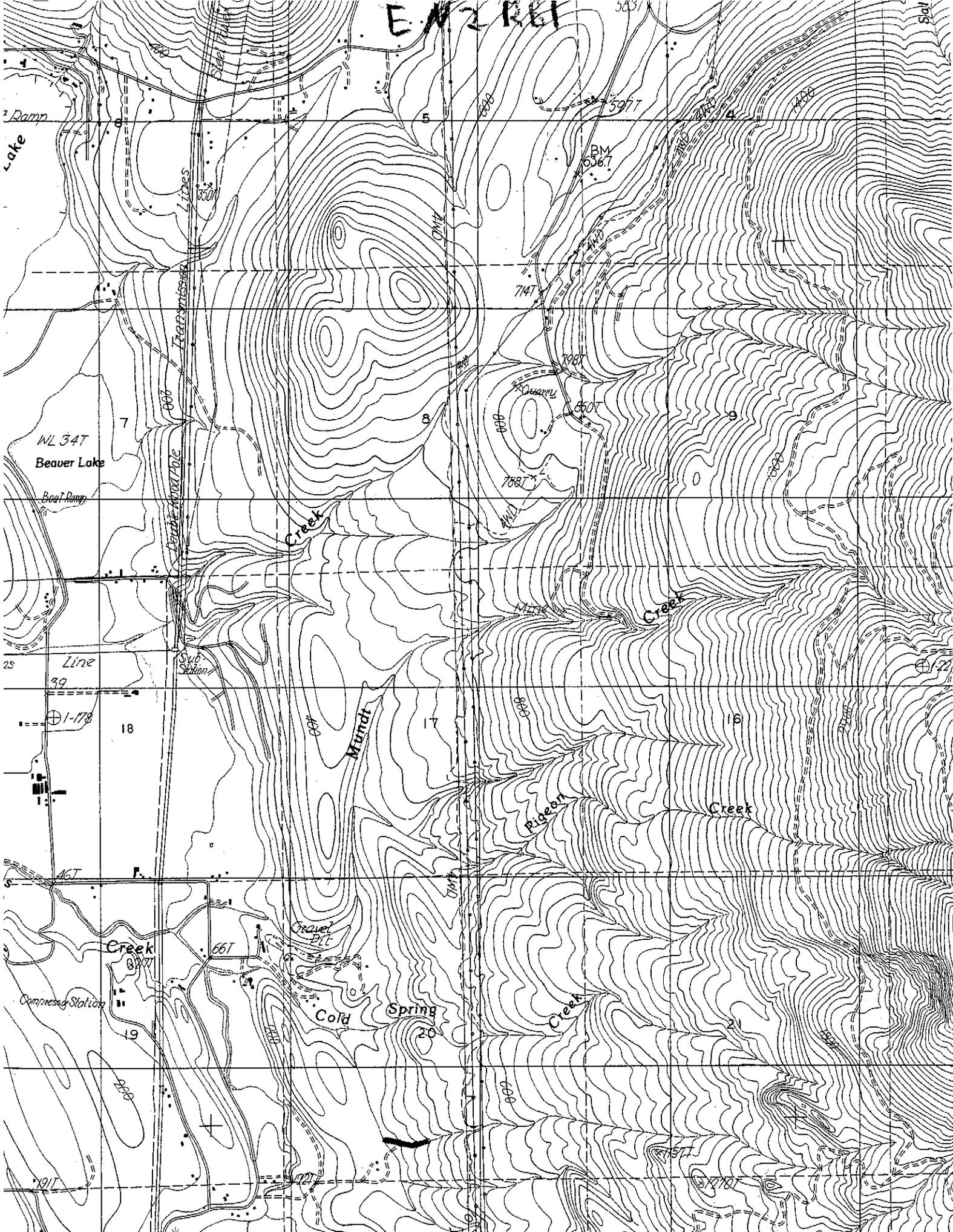
0237X

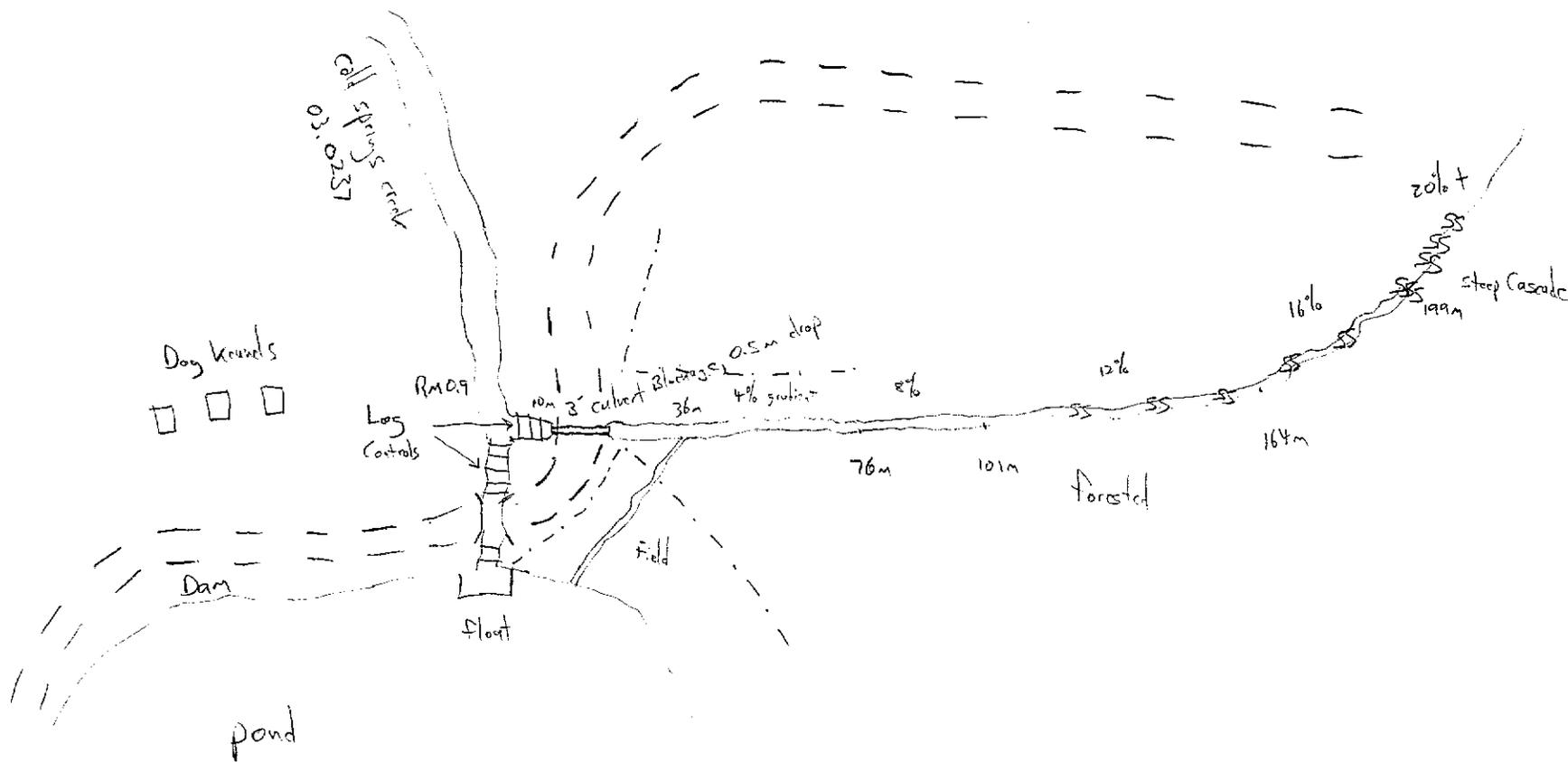
SW20, T34N R5E



E-W 2 REI

583





Site id. code: EM2R31

Site name:

Scale: 1" = 40 m

Observer(s): B. Barkdull

Legal location: SW 1/4 S 20, T34N R5E