

SITE INFORMATION

Site Identifier : CA4LB3 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1492X **Address :**
Region : NS **Address2 :**
Trib to : 03.1492 **City :**
River Mile : 0.10 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NE1/4S28T35NR12E **Phone :**
County : Skagit

Habitat Type :

Directions :

From the Marblemount bridge, head up the Cascade River Road for approximately 11 miles to the USFS 1550 Road on the right. Turn right and park on the other (west) side of the river. Hike upriver for 0.5 miles to the site which is located above the bench grouse marsh lies on.

Area Overview :

The left fork of the site is a very stable groundwater fed wall-based channel that offers excellent coho spawning and rearing habitat throughout its accessible length. The right fork is a floody overflow channel that offers some good rearing in the large pools.

Field Survey Information

Date : 04/06/1998 **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, 50% from each fork
Upper end: 0

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

Receiving Water Temperature (C): 7

Other Observations:

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

Widths: Channel: 3 Ponds: Wetlands:

Depths: Channel: 0.3 Ponds: Wetlands:

Total length (includes ponds and wetlands): 502

Total existing habitat area (est. m2):991

Spawning area:	Mainstem: 109	Tribs:	Total: 109
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 677	Tribs: 161	Total: 838
Unaccessible habitat:	Mainstem: 153	Tribs:	Total: 153

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Patch spawning gravel in wall-based fork offers good egg incubation due to stable flows.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The left fork is a low gradient wall based channel that runs through old growth forest with many very large trees across the channel with water parsley in the silty areas. The right fork is an overflow channel that has formed a number of large deep pools where a large tree has fallen across the channel

Describe unaccessible habitat: A shallow pool with an intermittent outlet

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The Left fork appears to be rarely if ever flooded, the right fork is flooded regularly.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Site enters a large backwater where the site and 03.1492 come together.

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

Describe: Juveniles were present in high densities in both forks. There were coho redds and fish bones scattered throughout the left fork.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Trout use is presumed.

ENHANCEMENT OPPORTUNITIES: None

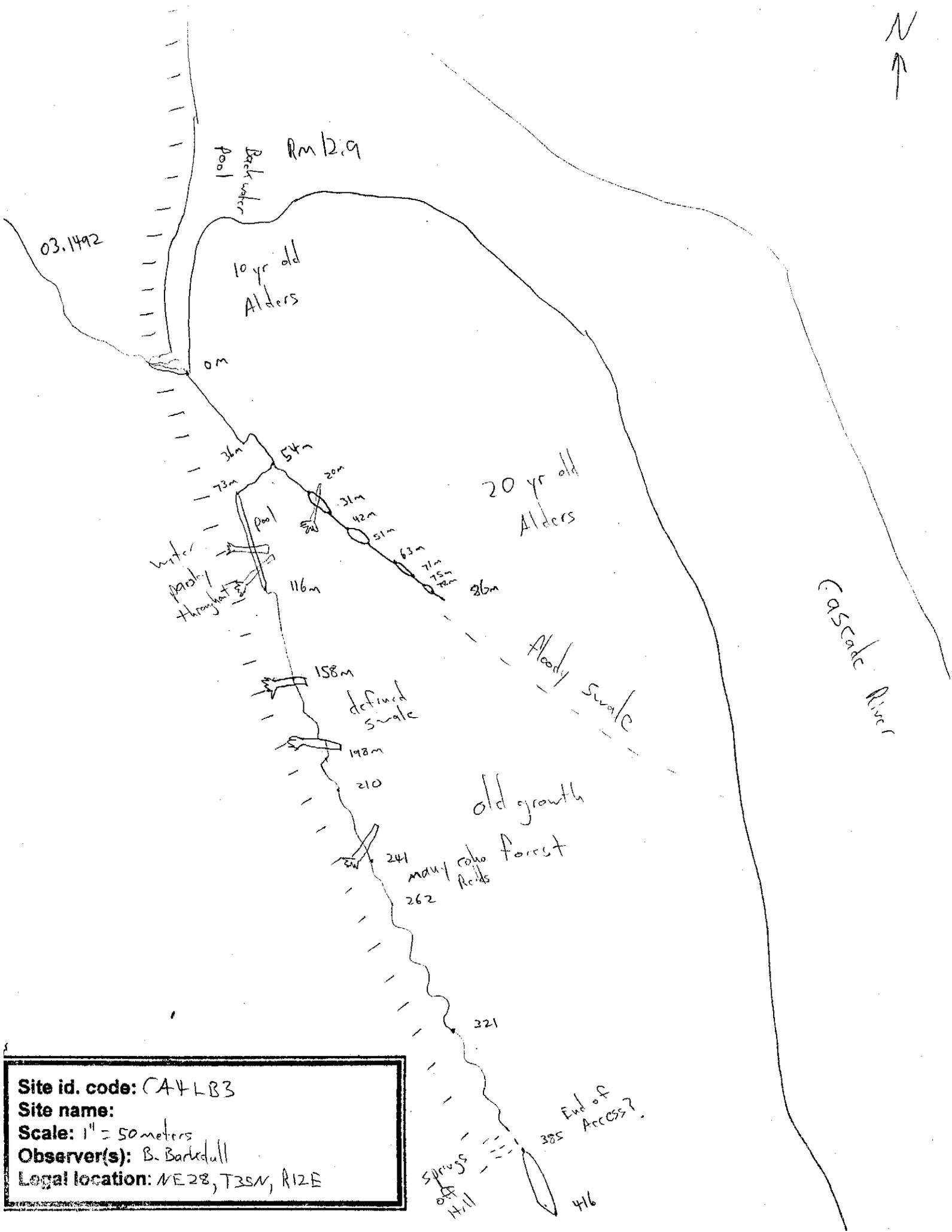
Project type:

Equipment access:

ADDITIONAL COMMENTS:

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



03.1492

Backwater Pool
Rm 12.9

10 yr old Alders

0m

36m

54m

73m

Pool

20m

31m

42m

51m

63m

71m

75m

20 yr old Alders

86m

water patch throughout

158m

defined swale

198m

210

Alamy Swale

old growth forest

241

many roho Reeds

262

321

End of Access?

385

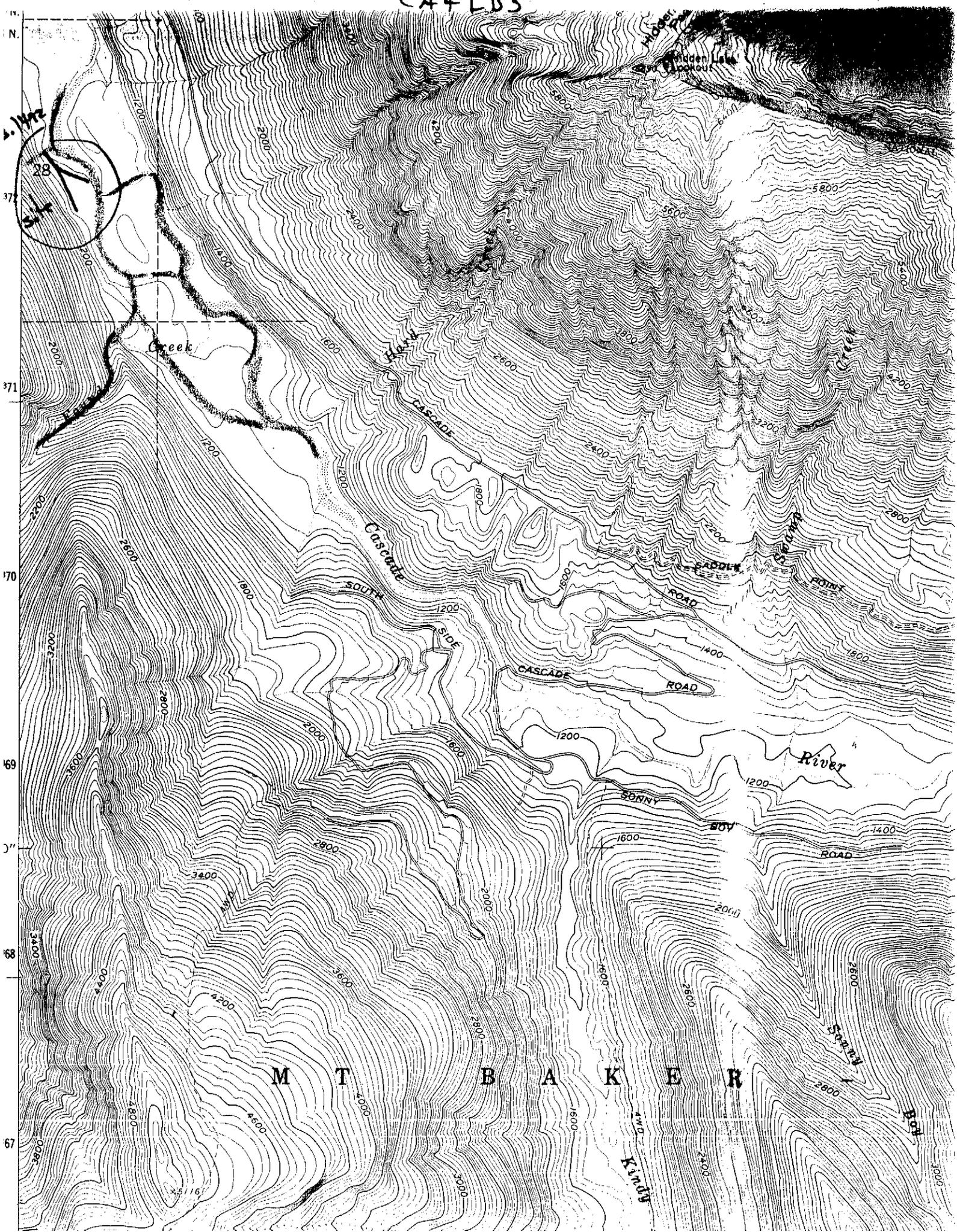
Spring off Hill

416

Cascade River

Site id. code: CA4LB3
Site name:
Scale: 1" = 50 meters
Observer(s): B. Barkedull
Legal location: NE 28, T35N, R12E

C44 L53



37
371
70
69
07
68
67

M T B A K E R

Kindy



5/16

4/6/12 Tub to Cascade channel
Tubs above Giesen marsh

0.0 2.0 Cobb pebbles 10m gr. 0.5 cfs

36 2.0 10m gravel, cobb pebbles

54 2.0 channel split

73 1.6 0.25 cfs mud bottom

116 4.0 Pool, large cobb pebbles

Swampy w/ water partially
mud 20m wide, surrounded
by old growth forest

150 3.0 swampy, many large logs

198 1.5 pore hole left bank

210 1.6 gravel patch, pebbles out

241 0.7 silty

262 1.5 gravel, cobb have "mud"

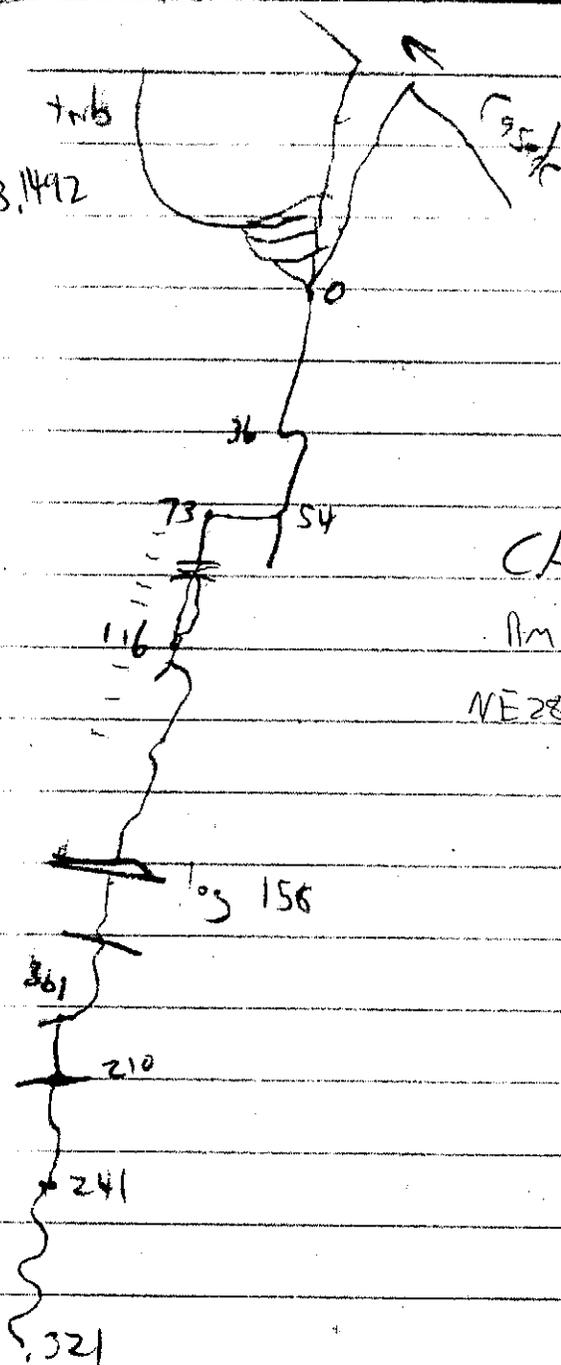
the channel with digging

321 1.2 patches of gravel, 40m

< 0.05 flow, cobb

bones observed

7nb
03.1492



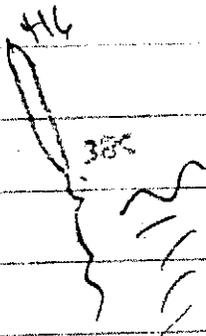
CA4LB3

Am 12.9

NE 28, T 35N R 12E

4/6/92 Tab to Cascade above/into
Trib above Grange marsh

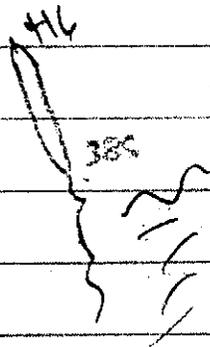
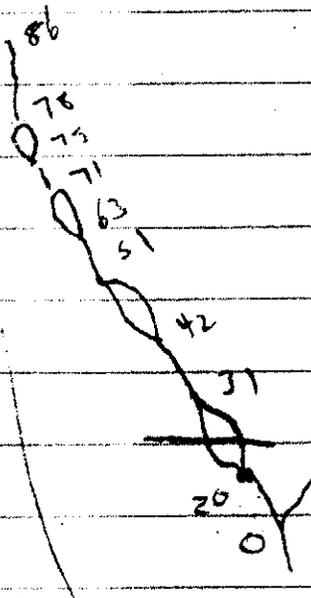
0.0	2.0	Colo Red's	10m g.	0.5 cft
36	2.0	10m gravel,	Colo reds	
54	2.0	channel split		
73	1.6	0.25 cfs	mad bottom	
116	4.0	Pool	large Char bone	



cont. :

- 385 1.0 access question mark
- Past 365, trail off hill
- with no surface connection
- 416 End
- other fork (right fork) flood,
- 0.0
- 20 1.0
- 31 5.0 Pool under logs & stump
- 42 1.0
- 51 5.0 large shallow pool
- 63 0.5 shallow RIF
- 71 3.0 Pool
- 75 0.2 RIF
- 78 0.3 Pool
- 86 0.1 End

floody area



cont. . .

385 I.O. access question
 Past 365, trip off hill
 with no surface connection

416 End
 other fork (right fork) floody

0.0