



Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat:

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: It is a shallow relic overflow channel that is mud-bottomed. There are many large maple trees on the bench and there is good LOD throughout.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is a mud line in the trees at 2 feet high and this site does backwater during high flows.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a large eddy pool in the entry area. One small beaver dam is near the mouth but is failing.

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

Describe: There was a good number of juveniles observed during the survey. No spawning habitat exists

Other species acces and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: This site would be accessible to trout also.

ENHANCEMENT OPPORTUNITIES: The current channel and pond could be excavated to recruit perc from the river year around. Spawning gravel could be placed between sill logs in the channel. Excavation of only 2-5' in the channel may provide perennial flow. The ponded area could be maintained with some excavation and sill logs to maintain elevation. An additional 300-400' of channel could be excavated above where water exists now but would take more work with an excavation depth of 8-10' probable.

Project type:

Equipment access:

ADDITIONAL COMMENTS: This site currently provide over winter habitat for coho but is dry and stranding may be a problem in the summer. Currently no spawning occurs, but chum have been observed at the mouth.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

SITE IDENTIFIER:SK14RB1  
LOCAL NAME:CASCADIAN FARMS  
CHANNEL.

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

RIVER: SKAGIT SURVEY DATE:12-13-91 OBSERVER:B.Barkdull

WRIA: ~~020~~ve RIVER MILE/BANK LOCATION:R. Bank 71.4

LEGAL LOCATION DESCRIPTION: 1/4 SECTION NE SEC.29 T.35N R.10E

CHANNEL TYPE: Perc channel and pond

	RIVER	LOW END	UPPER END	O T H E R LOCATIONS
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WATER TEMP:

FLOW (CFS): 1.0 cfs at mouth.

WATER QUALITY: Appears good

SUBSTRATE TYPE/SPAWNING GRAVEL ABUNDANCE & CONDITION:  
Mud bottom throughout

COVER/LOD: Many large maple trees on bench, good LOD throughout

SITE DIMENSIONS: LENGTH:1750'

WIDTH-WETTED: 8' Average  
-CHANNEL:

DEPTH:2'

WATER SOURCE: River perc throughout channel.

FISH ACCESS/BLOCKAGES/CURRENT USE (BOTH ADULTS & JUV.):  
Good numbers of juveniles up to 1400', lack of water in rest of  
channel. No adult use

LANDOWNER:Esther, Philip, Eugene Kahn  
P.O. box 568 concrete Wa 98237.

CHANNEL ENTRANCE CONDITIONS:  
Entrance conditions very good, A back water eddy exists.

FACTORS LIMITING PRODUCTION:  
Lack of water in summer. This channel, except for lower 450' is dry  
in the summer. Water quality suspect in lower end during summer.

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NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

UP-OUTMIGRANT TRAPPING CAPABILITY/OPPORTUNITY/DIFFICULTIES:  
No problems anticipated

BEAVER ACTIVITY: (Old) One very small beaver dam.

HEAVY EQUIPMENT ACCESS:Site parallels highway 20, but no pull outs exist.

DIRECTIONS TO SITE:Take highway 20 past Rockport to Cascadian farms, channel is located on south side of highway across and downstream of fruit stand.

ENHANCEMENT OPPORTUNITIES AND COMMENT:

The current channel and pond could be excavated to recruit perc from the river year around. Spawning gravel could be placed between sill logs in the channel. This site currently provide over winter habitat for coho but is dry and stranding may be a problem in the summer. Excavation of only 2-5' in the channel may provide perennial flow. The ponded area could be maintained with some excavation and sill logs to maintain elevation. An additional 300-400' of channel could be excavated above where water exists now but would take more work with an excavation depth of 8-10' probable. A spoils berm may prevent flooding, but site may be in a dangerous location although the mud line in the trees was only 2' at worst. Currently no spawning occurs, but chum have been observed at the mouth. Entrance conditions are excellent with a large back eddy at the mouth.

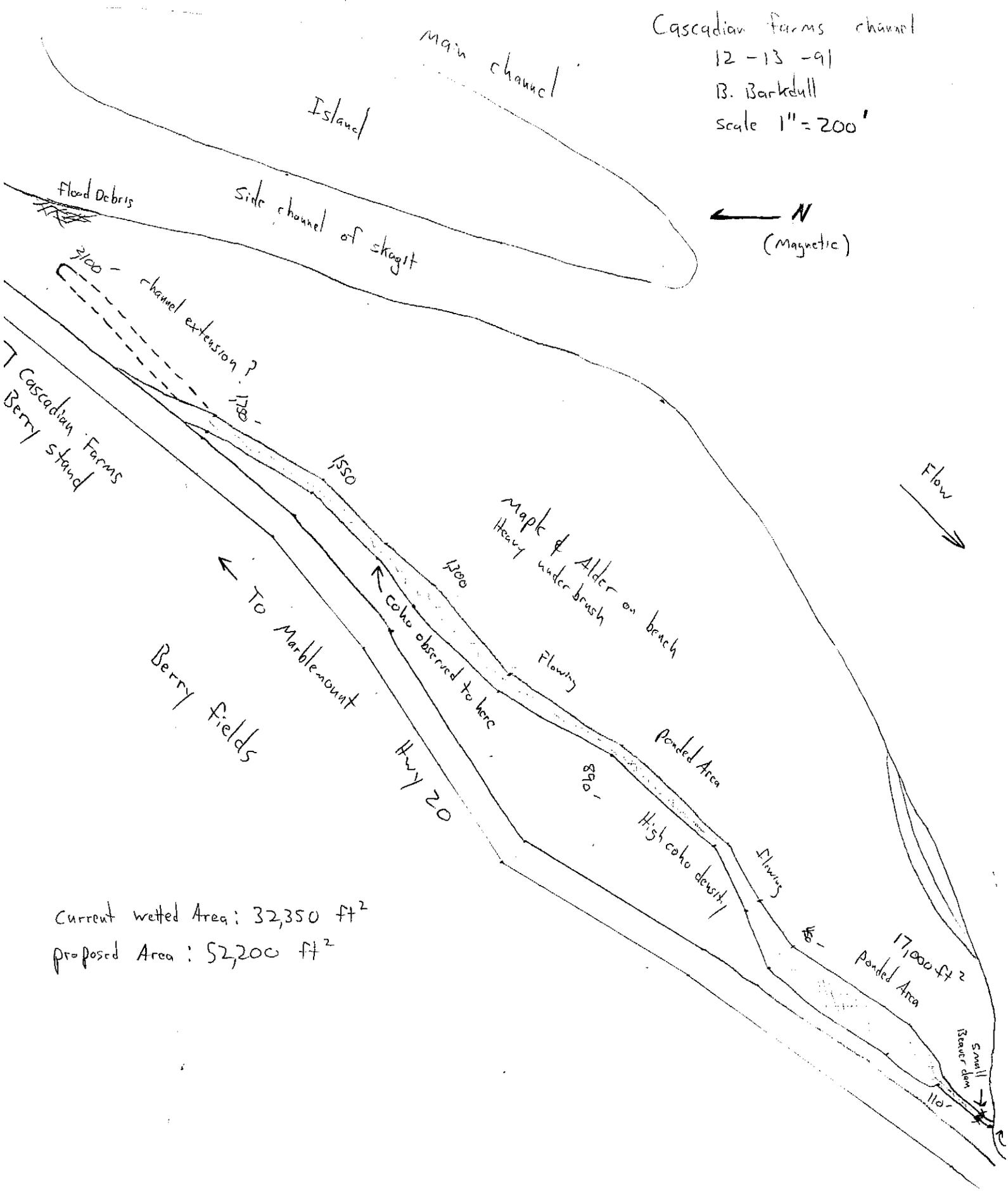
Cascadian Farms channel

12-13-91

B. Barkdull

scale 1" = 200'

← N  
(Magnetic)



Cascadian Farms  
Berry stand

← To Marblemount  
Berry fields

Current wetted Area: 32,350 ft<sup>2</sup>

Proposed Area: 52,200 ft<sup>2</sup>

Barkdull  
of entrance

1681 II  
(LAKE SHANNON 1:62 500)

NEWHALEM 18 MI  
MARBLEMOUNT 5 MI.

605 607 608 1 830 000 FEET

