

SITE INFORMATION

Site Identifier :	SA1RB1	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	03.1335X	Address :	
Region :	NS	Address2 :	
Trib to :	Napoleon SI	City :	
River Mile :	1.00	State :	
River System :	Sauk R	Zipcode :	
Legal Description :	NE1/4S1T34NR9E	Phone :	
County :	Skagit	Coordinates	
Habitat Type :	slough	East:	1,730,266.45
		North:	1,143,274.01

Directions :

Go to Rockport on hwy 20, turn right onto hwy 530 and cross the Skagit river. Access road is 1.2 miles south on the west side of the road.

Area Overview :

Site is an intermittent overflow channel fed in winter by subsurface flow that provides a small amount of of fair overwinter habitat for coho.

Field Survey Information

Date : 1/28/91 **Observer :** Harvester **Survey Type :** initial

HABITAT INFORMATION

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

Flow: (x) Intermittent () Year-round

Estimated Flows (cfs): Lower end:0.1
Upper end:0

Water Temperature(C): Lower end:5.5
Upper end:

Receiving Water Temperature (C):

Other Observations:

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

Widths: Channel:4.5 Ponds: Wetlands:

Depths: Channel:0.1 Ponds: Wetlands:

Total length (includes ponds and wetlands):26

Total existing habitat area (est. m2):119

Spawning area:	Mainstem:0	Tribs:	Total: 0
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem:119	Tribs:	Total: 119
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: (x) None () Poor () Fair () Good () Exellent

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: Site has good over canopy and cover, but significant stranding probably occurs as the site expanded and contracts depending on groundwater levels.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site appears to be overtopped slightly by the 1990 event.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Lower end is backwatered by Napoleon Slough.

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

Describe: Good numbers of juveniles were present in the lower end.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe:

ENHANCEMENT OPPORTUNITIES

Project type: Groundwater Channel

Equipment access: Good. Access road exists off the Highway 530. Road is located about 300 ft north of the intersection of the Rockport-Cascade road.

ADDITIONAL COMMENTS: This site was looked long and hard at as a potential groundwater channel project. Site appears to have many aspects needed: gravel substrate, water near surface and relatively good flood protection, but there are up to 10 landowners along this channel alignment.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Field Survey Information

Date : 01/30/1992

Observer : Barkdull

Survey Type : supplemental

SUBSEQUENT EVALUATIONS:

1/30/92 GRAVEL PROBE

Surface gravel to 300ft

400ft: 2ft to gravel.

500ft: 5ft to gravel

700ft: Soft to 6ft

800ft: Soft to 6ft

To 2nd road: gravel 2-3ft

Above 2nd road: gravel 0-1ft

Obvious river perc just below 2nd road (Not counting skid road)

Field Survey Information

Date : 06/28/1995

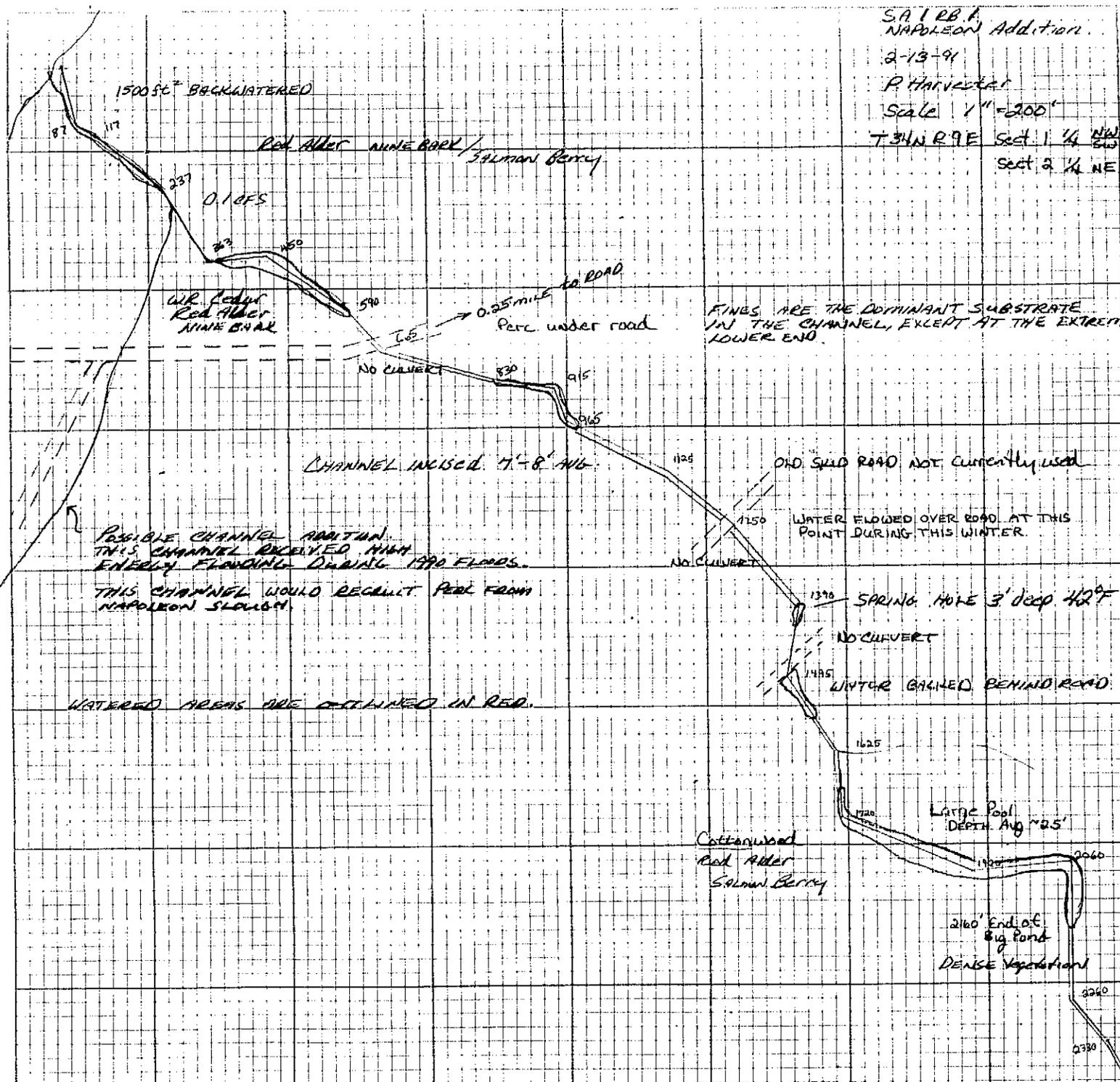
Observer : Barkdull

Survey Type : supplemental

6/28/95 After checking land ownership at the Skagit county courthouse it was determined that up to ten (10) lots would be crossed by a groundwater channel at this location.

S.A. 1 RB. 1.
 NAPOLEON Addition.
 2-13-91
 P. HARVESTER
 Scale 1" = 200'

T34N R9E Sect 1 1/4 NW
 Sect 2 1/4 NE



FINES ARE THE DOMINANT SUBSTRATE IN THE CHANNEL, EXCEPT AT THE EXTREME LOWER END.

POSSIBLE CHANNEL ADDITION. THIS CHANNEL RECEIVED HIGH ENERGY FLOWING DURING 1990 FLOODS. THIS CHANNEL WOULD RECRUIT PERL FROM NAPOLEON SLOUGH.

WATERED AREAS ARE OBTAINED IN RED.

THE CHANNEL DOES NOT HAVE A DEFINED SOURCE, IT JUST BECOMES LESS DEFINED UNTIL IT BRANCHES OUT ON A SWAMPY FLAT.

THE SOURCE OF WATER FOR THIS CHANNEL APPEARS TO BE LATERAL, SUBSURFACE RIVER FLOW FROM THE SLOUK TO THE SNAIT RIVER



NAPOLION SLOUGH ADDITIONS

T34N R9E SECT. 1 1/4 NW
SECT. 2 1/4 NE

SA.1 RB.1

SAUK RIVER MOUTH

1-28-91