

SITE INFORMATION

Site Identifier : SU7LB2 **Landowner Type :** Federal
Site Name : Box Channel **Landowner Name :** USFS
WRIA : 03.0710X **Address :**
Region : NS **Address2 :**
Trib to : Suiattle R **City :**
River Mile : 23.50 **State :**
River System : Suiattle R **Zipcode :**
Legal Description : NE1/4S22T35NR12E **Phone :**
County : Snohomish
Habitat Type :

Directions :

Take FS 26 up the Suiattle river, turn onto FS 25 at the Boundary bridge, follow for 10 miles to Danny boy creek. Mouth of site is located at first sharp bend in the road just past Danny Boy creek.

Area Overview :

This is a small groundwater fed channel which originates on a river bench. It flows all year in the lower end and provides a limited amount of rearing habitat.

Field Survey Information

Date : 07/31/1995 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: < 0.1
Upper end: none

Water Temperature(C): Lower end: 15
Upper end:

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1m Ponds: Wetlands:

Depths: Channel: 3 cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 296 m

Total existing habitat area (est. m2): 330

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 330	Tribs:	Total: 330
Unaccessible habitat:	Mainstem:	Tribs:	Total:

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: Boulders and water celery in lower 55m., Marshy mud bottom channel with water celery above

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe: See above

Flooding potential: Low Medium High

Describe: Site appears to not have been flooded for some time. Site is well forested and on the inside of a bend in an area of the river that does not appear to have changed much recently.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Alcove pool at mouth

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

Describe:

Other species access and use: Chum Pink Sockeye Res. Trout Anad trout

Describe: Trout, char and chinook fry have access to this site.

ENHANCEMENT OPPORTUNITIES

Project type: Groundwater channel

Equipment access: Good via existing FS roads and an abandoned road

ADDITIONAL COMMENTS: This site appears to have excellent potential as a ground water channel. A 350 meter channel is possible at this site, flood danger is low, and there is a very defined swale which has perc flow all year around. Problems are that the road beyond Circle Creek is slated to be de-commissioned in 1997, and the distance of this site to sources of materials such as spawning gravel may be prohibitive.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

SUT B2

Legs:

7-31-95

NE 22 T 32 N R 12 E

B. Barkdull

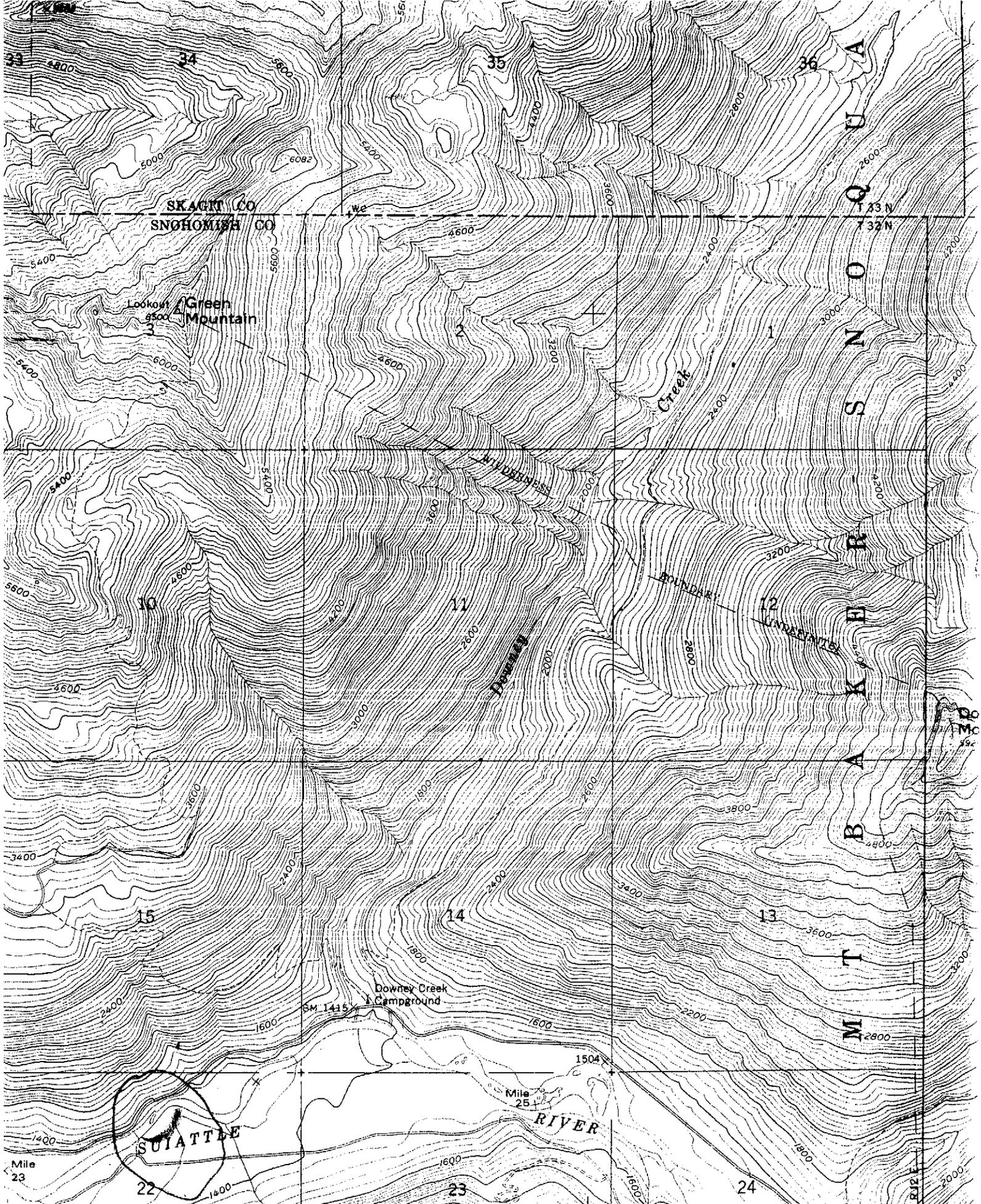
Scale 1" = 33 meters



N

Box channel





2180

33 4800

34

35

36

SKAGIT CO
SNOHOMISH CO

A
Q
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R
E
A
K
E
T
M

Lookout
Green Mountain

Creek

WINDYBUSH

FOUNDER

12
LIMBERVILLE

Downey

Downey Creek
Campground

SM 1415

Mile
25

RIVER

SEATTLE

Mile
23

5' 1 900 000 FEET 631 632 12'30" 1.6 MI. TO END OF ROAD (GLACIER PEAK 1:62 500, 1780 II

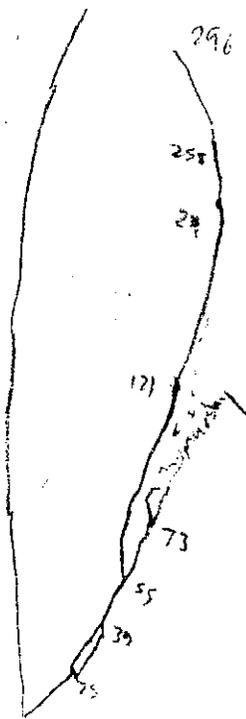
S47 LB2

NE 22 T32 N R12E

RM. 23.5

Box channel

Entered 12/15/95



7/31/95 ch. 0.1 above Bouyman 56⁰
0.0 1m wide good entrance
25.0 1m also p/Rif start of post
39.0 25m ave fish observed
55.0 1.5 splits no fish above this
73.0 1.0 LB, RB - banks undefined
121.0 2.0 ave
211.0 1.0 ave getting smaller
258.0 0.5 marshy and wet
296.0 end of water

This is a very defined swatch
throughout. Banks on both sides
fish observed, species?
Maybe site for groundwater channel
No spawning habitat
Boulders & mud