

SITE INFORMATION

Site Identifier : SS12LB4 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 05.0001X **Address :**
Region : NS **Address2 :**
Trib to : SF Stillaguamish R **City :**
River Mile : 64.20 **State :**
River System : SF Stillaguamish R **Zipcode :**
Legal Description : SE1/4S21T30NR10E **Phone :**
County : Snohomish
Habitat Type : lower valley wall tributary

Coordinates	
East: 1,750,547.00	North: 998,932.00

Directions :
 From Granite Falls take the Mtn Loop Highway past the town of Silverton up to the Big Four Ice Caves trail. Take the trail and cross the river. Site is located downstream approximately 0.3 miles.

Area Overview :
 Site is an alluvial fan of a high gradient, high energy, snow melt stream.

Field Survey Information

Date : 7/16/02 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end:5
 Upper end:5

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

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel:6.5 Ponds: Wetlands:

Depths: Channel:0.2 Ponds: Wetlands:

Total length (includes ponds and wetlands):165

Total existing habitat area (est. m2):1080

Spawning area: Mainstem:100 Tribs:0 **Total:**100

Impounded area: Mainstem: Tribs: **Total:**

Other rearing area: Mainstem: Tribs: **Total:**

Unaccessible habitat: Mainstem: Tribs: **Total:**

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Streambed is extremely mobile with a high sediment load.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Stream is a high energy/gradient stream with a high sediment load, very unstable with few pools and ever changing channels. A small relic channel on the far right bank edge of the alluvial fan offers a small amount of good rearing habitat and was the only location fish were observed.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site experiences extremely high flows during snow melt.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Fish have direct access into the site.

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

Describe: No fish use was observed in the main channel, a few coho fry were observed in the small piece of habitat on the side of the alluvial fan.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Some trout use is more probable than coho use in the main channel.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

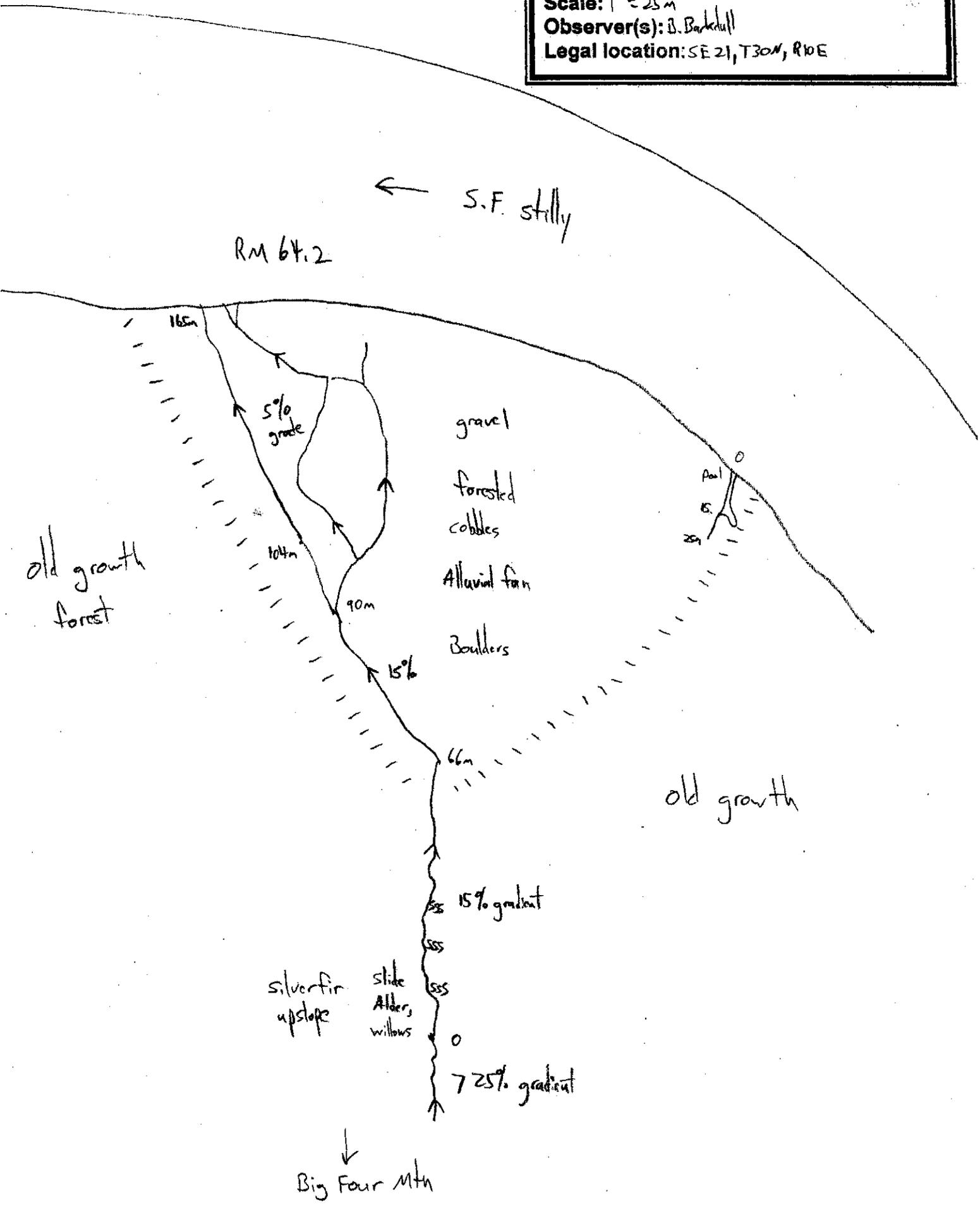
ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: SS12LB4
Site name:
Scale: 1" = 25m
Observer(s): B. Barkdull
Legal location: SE 21, T30N, R10E



RM 64.2

← S.F. stilly

165m

5% grade

104m

90m

15%

gravel
forested
cobbles
Alluvial fan
Boulders

Pail
5
20

old growth
forest

old growth

66m

15% gradient

silverfir
upslope

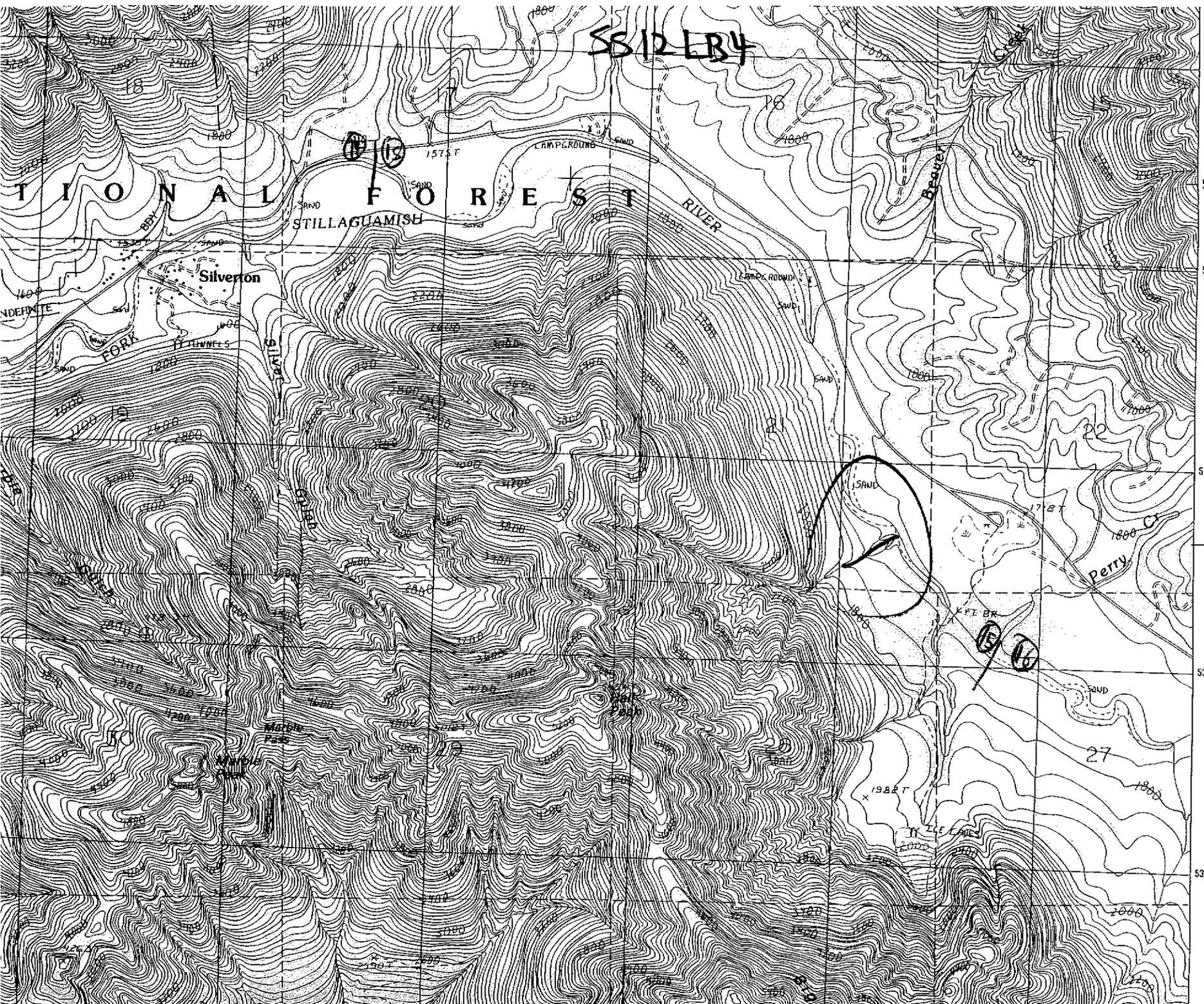
slide
Alders,
willows

725% gradient



Big Four Mtn

SS 12 LB 4



5327

5326

5325

5324

5323

NATIONAL

FOREST

Silverton

STILLAGUAMISH

CAMPGROUND

Perry Cr.

INDEFINITE

FORK

STILLAGUAMISH

CAMPGROUND

SAND

FE BR

27

1988 T

2000

7/16/02. trib to SF LB below Icecans

High energy / gradient one

0 7.0 S cfs 20% gradient
at upstream end

66 7.0 15% top of Alluvial Fan

90 7.0 15% splits

104 6.0 5% potential spl/one pool

165 6.0 5% At River

River temp so trib 49

Scrub willow / Alder in upper end

w/ sm silver firs, obviously moving
to top. Old growth near river

SS 12 LB 4

SE 21 T 30 N, R 10 E

RM 64.2

X 1750547

Y 998932

Site continued, piece on edge

0 2.5 Bedrock at mouth

15 3.0

25 0.5 Water seeps out of
edge of ~~Aluminum~~

