

**SITE INFORMATION**

**Site Identifier :** SS11RB2 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 05.0427A **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** SF Stillaguamish R **City :**  
**River Mile :** 60.70 **State :**  
**River System :** SF Stillaguamish R **Zipcode :**  
**Legal Description :** SE1/4S18T30NR10E **Phone :**  
**County :** Snohomish  
**Habitat Type :** spring creek

<b>Coordinates</b>	
<b>East:</b> 1,738,548.00	<b>North:</b> 1,003,337.00

**Directions :**

Follow the Mtn Loop Highway out of Granite Falls to Silverton. From the bridge over the S F Stillaguamish R (Whitton Ave), continue up the highway for 75 meters to the site.

**Area Overview :**

This is a year-round, spring fed stream that has coho use. There is a culvert (05.0427A 0.00) under the Mountain Loop Hwy that is listed as a partial barrier.

**Field Survey Information**

**Date :** 10/2/03 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff  
**Flow:**  Intermittent  Year-round  
**Estimated Flows (cfs):** Lower end: 0.2  
 Upper end: 0.05  
**Water Temperature(C):** Lower end: 8.9  
 Upper end: 6.7

**Receiving Water Temperature (C):** 9.7

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination  
 Widths: Channel: 1.8 Ponds: Wetlands:  
 Depths: Channel: 0.2 Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 636

<b>Total existing habitat area (est. m2):</b> 1130			
Spawning area:	Mainstem: 38	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1130	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

**Spawning habitat conditions:**  None  Poor  Fair  Good  Excellent

Describe spawning habitat: The majority of the spawning habitat was observed within the initial 75 meters of the site. The gravel size ranged from 1" to 3", there was good overhead cover and it was located in a pool/riffle habitat type. There were a few patches of pea gravel observed at 390 meters.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The stream gradient was low to moderate except for the section between 177 meters to 222 meters where it was 15%. There was good amounts of LWD present as the substrate varied from clay, mud, gravel to cobble. The overhead cover was good as the stream flowed through a mostly conifer forest with excellent brushy cover.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: At 7 meters, the stream crosses under the Mountain Loop Hwy and immediately starts to pick up gradient.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Fish can freely enter and leave the site up to the culvert at 7 meters which has a slope of 4% and is listed as a partial barrier (05.0427A).

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

Describe: Both juveniles and adults have been observed in this site.

Other species acces and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Trout have also been observed in this site.

ENHANCEMENT OPPORTUNITIES: Repair the culvert under the Mountain Loop Hwy.

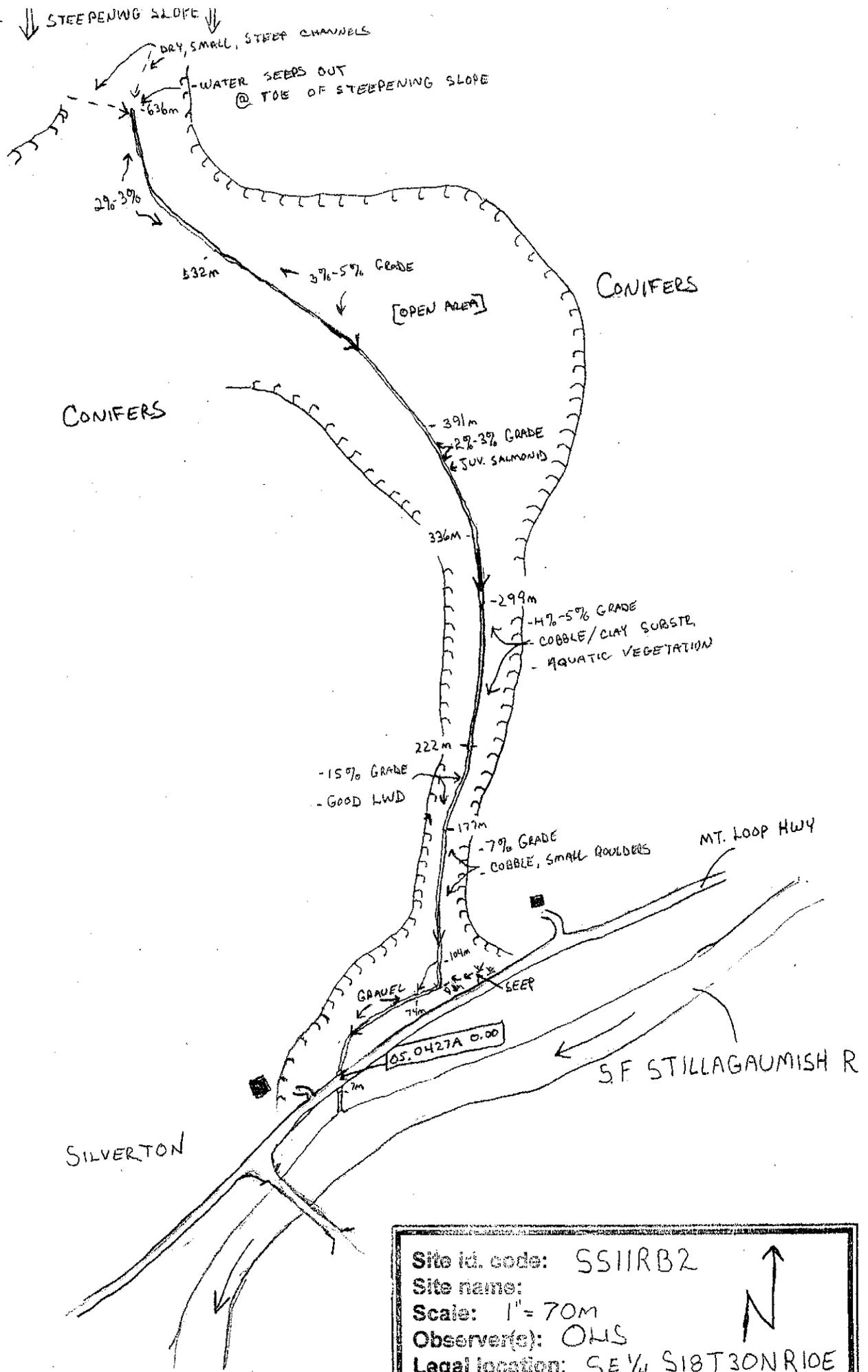
Project type:

Equipment access:

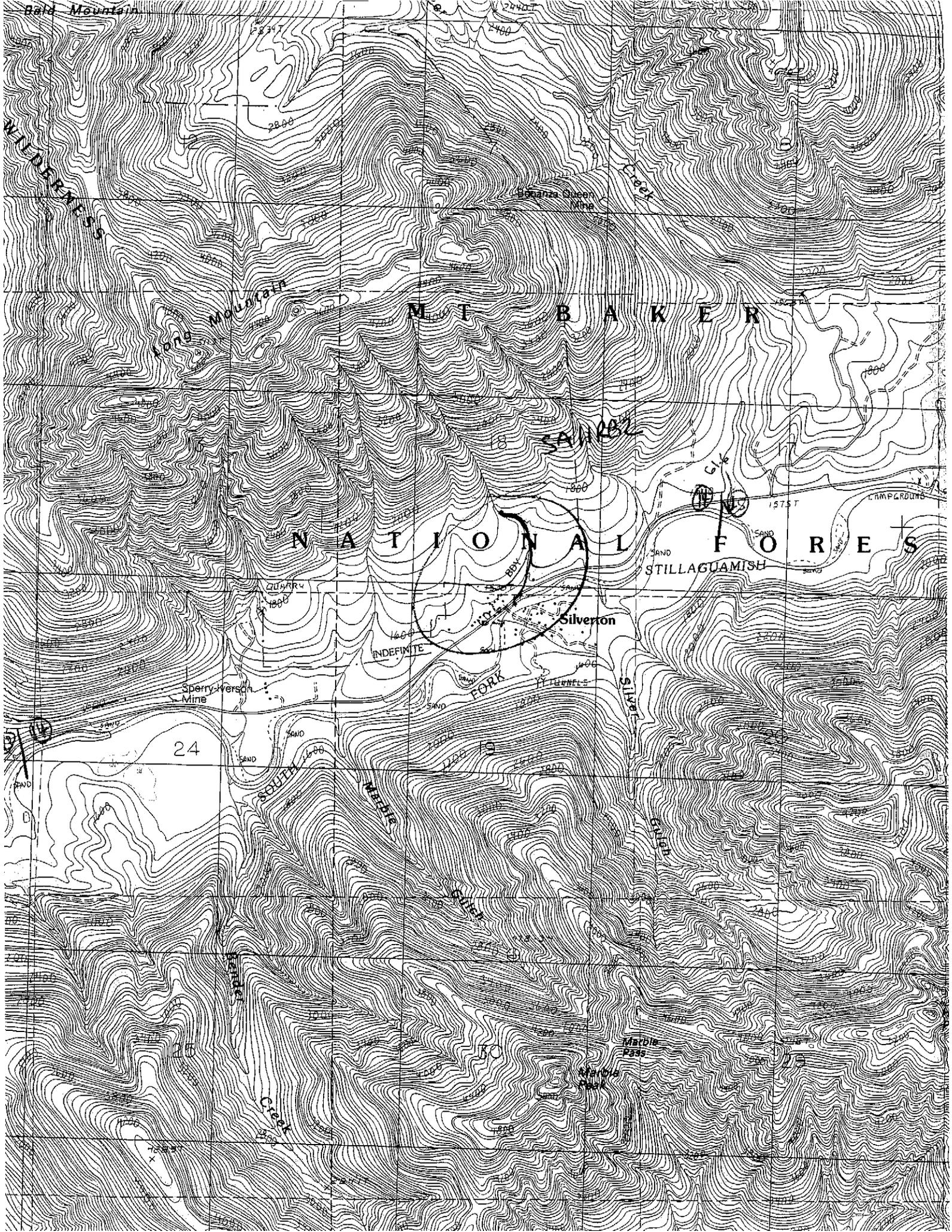
ADDITIONAL COMMENTS: This spring fed creek is also being used as a water source as there is a catch barrel at 317 meters and a 2" pipe that runs down the length of the creek from this point.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: SSIIRB2  
 Site name:  
 Scale: 1" = 70m  
 Observer(s): OHS  
 Legal location: SE 1/4 S18T30N R10E



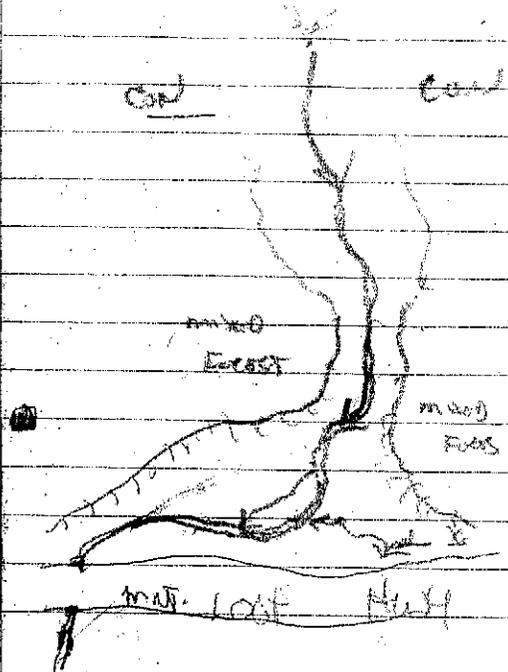
SS 11 RB 2

PM 60.7

SE 1/4 S18 T30N R10E

05.0001X

10-2-03



0.0 ENTRY

- WT - 48°

- RWT - 49.5°

- ACCESS - GOOD

- FLOW - 0.2

7m - WW 2.1

- BELOW CURVES

- GAUDREY SWAMP

- Low - GRAINERS

74m WW 2.2

28m<sup>2</sup> - GOOD COVER

1"-3" GRAINERS - LOW GRAINERS

- 3% GRAINERS

93m w/w 1.76 m

- BRADDED  
2m<sup>2</sup> 47%

- 9889 ON LB

- 15m LONG 0.6m wide
- EMITS FROM SWAMPY  
AREA NEARBY ROAD
- LOTS OF OLD PAPER

104m w/w 1.8

- TOP OF BRADDED PILE
- SMALL FAU
- COBBLES SUBSTR.

177m w/w 2.2

- 70% GRADE - 4m<sup>2</sup>
- COBBLES SM GRADE



222m w/w 2m

- 15% GRADE
- LOTS OF WOOD IN  
OH
- SMALL BOULDERS

299m w/w 1.9 m

- 4.5% SLOPE
- COBBLE / CLAY
- GL. AQUATIC VEG

317m - STYL "BARREL"

- ACTING AS CATCH BASIN  
FOR WASTEWATER SOURCE
- PIPS IN STEEL

336m w/w 1.1

- 4-6% moss - coarse
- COBBLE - SOME BOLLID
- @ PIPE UTAGE

391m w/w 1.4m

- A COUPLE OF P. GR.
- PATCHES -
- 2-3% GRASS
- JUUV SALMO SEEN
- 4m<sup>2</sup>

532m w/w 1.7

3-5%

636m w/w 1.2m

- 2-3% GRASS
- @ BASE OF STEEPENING VALLEY WALL WITH SCRUB OUT.
- 2 SMALL DRY CN @ HEAD END
- END OF SCRUB
- WT - 44<sup>s</sup> - FLOW 0.05
- COMMUNITIS
- MILLSLOPE SPRING - FEW
- YARE FOUND
- LOW FLOW
- BEING USED AS WATER SOURCE
- NICE 1st GRAD. W/
- @ UPPER END