

SITE INFORMATION

Site Identifier :	PI2RB4	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0080G	Address :	
Region :	NS	Address2 :	
Trib to :	05.0080	City :	
River Mile :	3.50	State :	
River System :	Pilchuck Cr	Zipcode :	
Legal Description :	SE1/4S31T33NR5E	Phone :	
County :	Skagit	Coordinates	
Habitat Type :	lower valley wall tributary	East:	1,584,190.00 North: 1,087,142.00

Directions :
 From the I-5 and Hwy 534 intersection (Conway/Lake McMurray exit), turn right towards Lake McMurray and head 5 miles to a T-intersection and Hwy 9. Turn right (south) on Highway 9, and go approximately 1.2 miles to the old railroad grade on the right (blocked by ecology block). Hike down the old grade for 0.5 miles to the site.

Area Overview :
 This trib gets good coho use up to 330 meters where there is a culvert barrier blocking 600 meters of habitat upstream. The habitat upstream averages 9% grade and there is approximately 10 square meters of fair spawning habitat in this section.

Field Survey Information

Date : 2/26/01 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: () Spring () Groundwater (X) Surface runoff
Flow: () Intermittent (X) Year-round
Estimated Flows (cfs): Lower end: 0.3
 Upper end: 0.2
Water Temperature(C): Lower end: 3.9
 Upper end: 3.3
Receiving Water Temperature (C): 4.4

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination
 Widths: Channel: 1.5m Ponds: Wetlands:
 Depths: Channel: 15cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 979m

Total existing habitat area (est. m2): 1394
Spawning area: Mainstem: 20 **Tribs:** **Total:**
Impounded area: Mainstem: **Tribs:** **Total:**
Other rearing area: Mainstem: 501 **Tribs:** **Total:**
Unaccessible habitat: Mainstem: 863 **Tribs:** **Total:**

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Gravel size ranges from pea gravel to 4"; there is good overhead cover, and there is a fair amount of woody debris and bank overhangs for predator avoidance.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The first 90 meters is in a lowland swampy area in which the creek has good meander and is braided in a few places. There is some water parsley and skunk cabbage present. From 90 meters to the culvert at 330 meters, there is a gravel/cobble substrate as the creek ranges from 5% to 7% grade and enters into a forested draw. There are tires, scrap metal and a water heater that was dumped into the creek downstream of the culvert.

Describe unaccessible habitat: From the culvert to 800 meters, the creek is in a forested draw with a mostly cobble substrate and is mainly riffled with some cascades as the gradient ranges from 7% to 10%. From 800 meters to 979 meters, the creek flows through a hardwood patch at the base of the slope and at the edge of a clear cut.

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The initial 90 meters may backwater during wet winter months and become more like a swamp.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Slow-moving and pooled at the entry area with no obstructions.

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

Describe: This site gets good adult and coho use.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: Juvenile trout have been observed also.

ENHANCEMENT OPPORTUNITIES: The culvert at 330 meters is a barrier (LP17 in the culvert inventory). It can be replaced to open up the 600 meters of habitat upstream. The creek is at 9% to 10% grade upstream of the culvert and there is approximately 10 square meters of fair spawning habitat available. There were two coho redds observed just downstream of the culvert. It would be good to remove the trash from the creek also.

Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended as there was very little flow and the stream gradient approached 20%.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

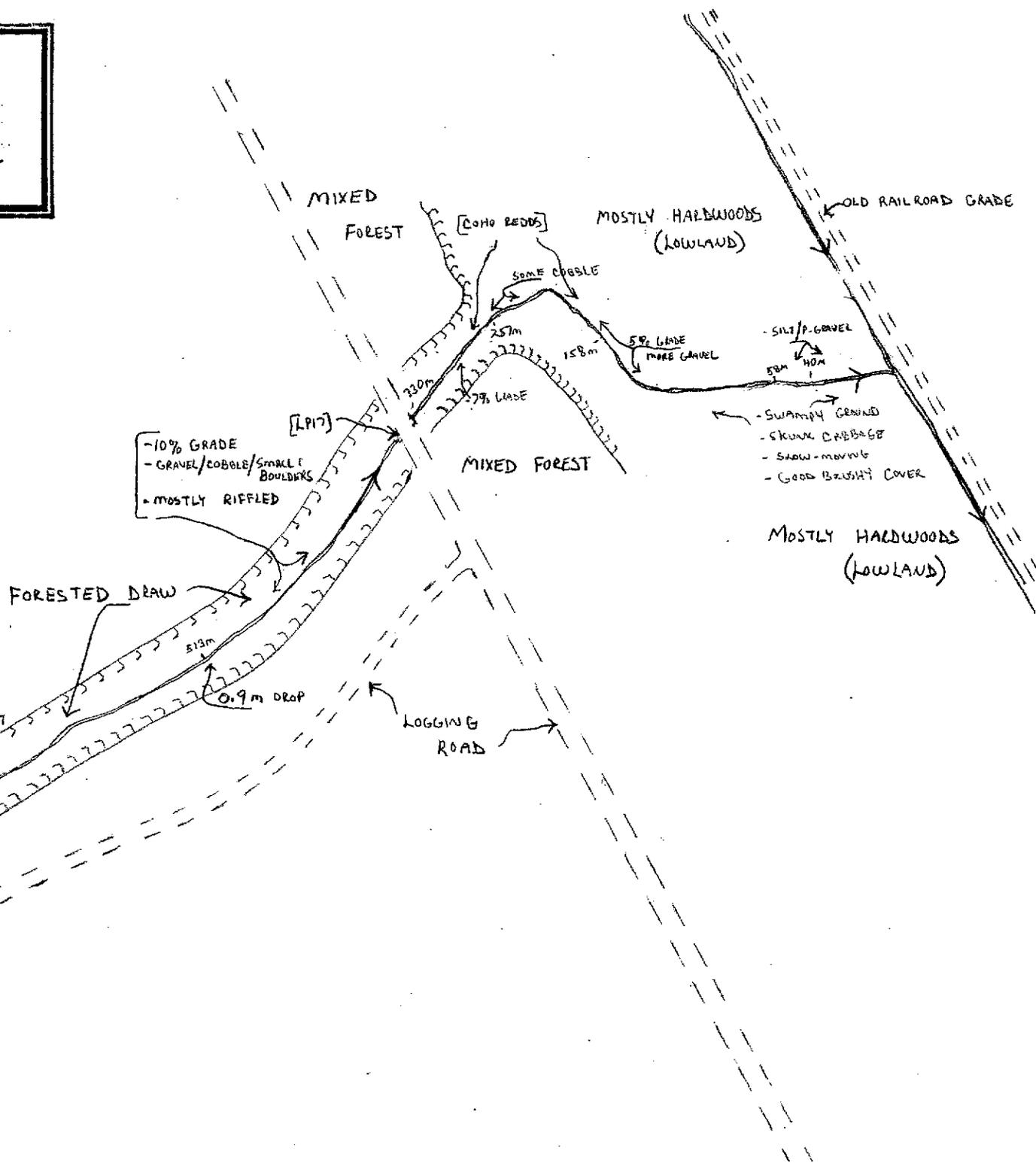
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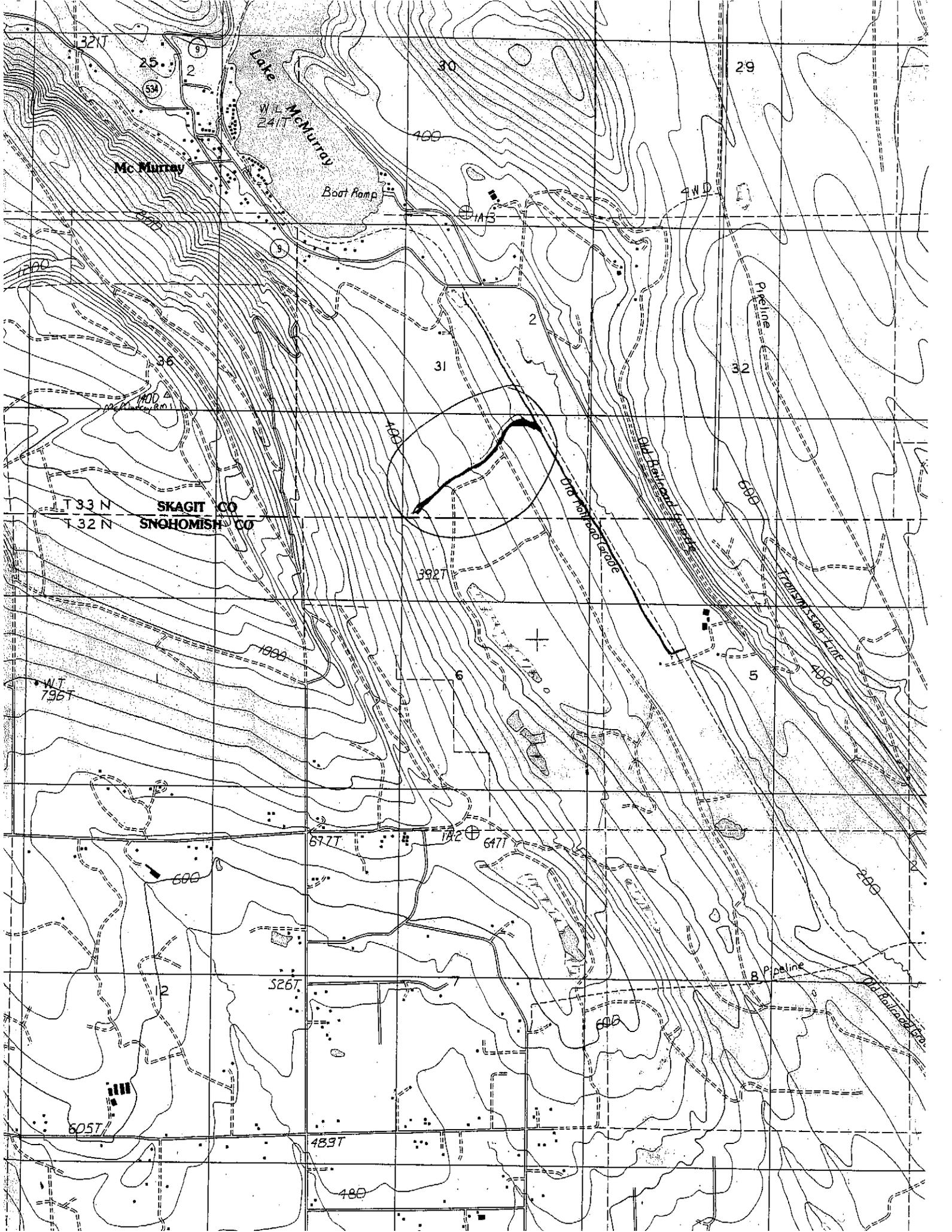
Site name:

Scale: 1" = 80m

Observer(s): ONS

Legal location: SE 1/4 S31 T33N R5E





2-26-01

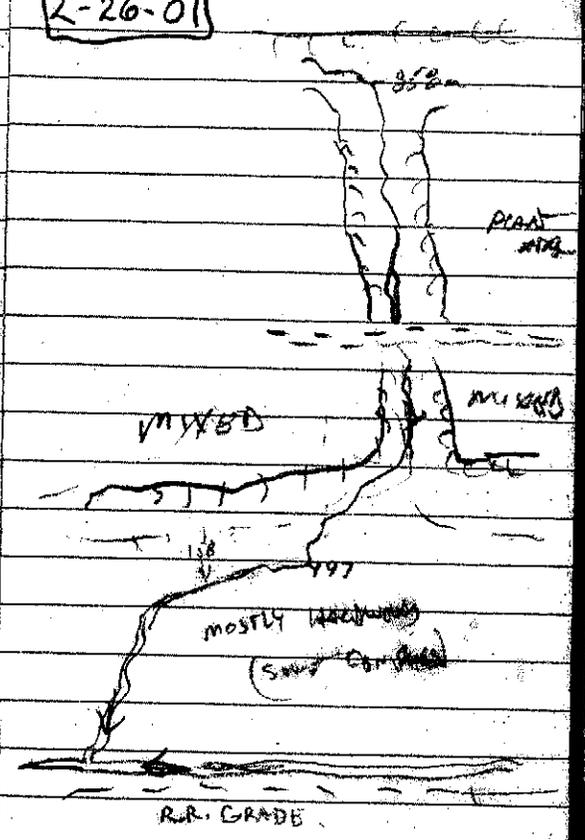
P12 RB 4

RM 3.5

SE 1/4 S31 T33N R5E

X - 1584190

Y - 1087142



0.0 ENTRY

- FLOW - 0.3 CFS
- WT - 39
- RWT - 40
- ACCESS - GOOD

40m WWD 1.2m

- GOOD B. ROOT
- SILT / SAND SUBSTR
- SKINNY CRAB
- SLOW MOVING - MUDDY LOW WVD

58m WWD 2m

GRAINED - SLOW

90m WWD 1.5m

- MOSTLY A. BL. SUBSTR
- GOOD WOOD

48m was 1.5m
- some 1" to 2" GRAVEL
- 5% GRADE
- GETTING OUT OF
LOWLAND SWAMPY AREA

152m WWD 2 m
- @ 0.4m DROP
- BIG ROOT WOOD

257m WWD 1.7 m
- 5% GRADE
- SOME COBBLES
- @ ENTRANCE TO
DRAW,

330m WWD 1.7 m
- 7% GRADE



@ CHECKPOINT
- RND CST 1:22
- VIS > 1% SLOPE
- WT, BRUSH
- 0.1 DITCH
- 1.6 OUTSIDE DROP
- TIES, METAL, WOODEN
- NOISE - DOWNHILL
END

Pl. 100 3.5L 4W 0.15
55.3 - 33.6 → L- 23.7
23.7 - 55.3
- 4m OF FILL
- NO MAT.

356m UPSIDE END OF
CULVERT

513m ww 1.5m

- 10% GRADE
- GRAVEL / COBBLES / S. BOLD
- WIDTH 2.5m w/ some
- ASCADUG,
- w small draw
- @ 0.9m DEPT.

800m ww 1.5

- COBBLES / GS
- 7% → 5% GRADE
- 9m² SP. W/.

890m ww 1.2m

- w OPEN HARDWOOD
- PATCH-
- 9.5% GRADE



979m ww 1m

- SHALLOW SPENT
- CUT -

- w CLEAR CUT
- HIGHLY BERRY
- STEM FLOWS DOWN
- SIDE SLOPE
- TOO HIGH CLADON
- END OF SUCKET
- 38°
- .2 CFS