

Describe spawning habitat: Small patches of pea-gravel amongst silt.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Low gradient mud bottom channels choked with water parsley and woody debris

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Well protected above 143 meters, below that point a very floody swale enters.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: A one meter drop at normal summer flows through a root-wad.

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

Describe: Access is only possible during flood events and only on some years have adults and juveniles been observed.

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

Describe: Resident cutthroat have been observed.

ENHANCEMENT OPPORTUNITIES: This may be a site where a 340 meter groundwater channel could be developed. The entrance conditions could easily be improved and the rest of the channel left as is or more habitat could be created by excavating out the main channel. The lower end is very floody and solving this problem is key to developing a project. The rest of the area is relatively flood safe.

Project type: Groundwater channel

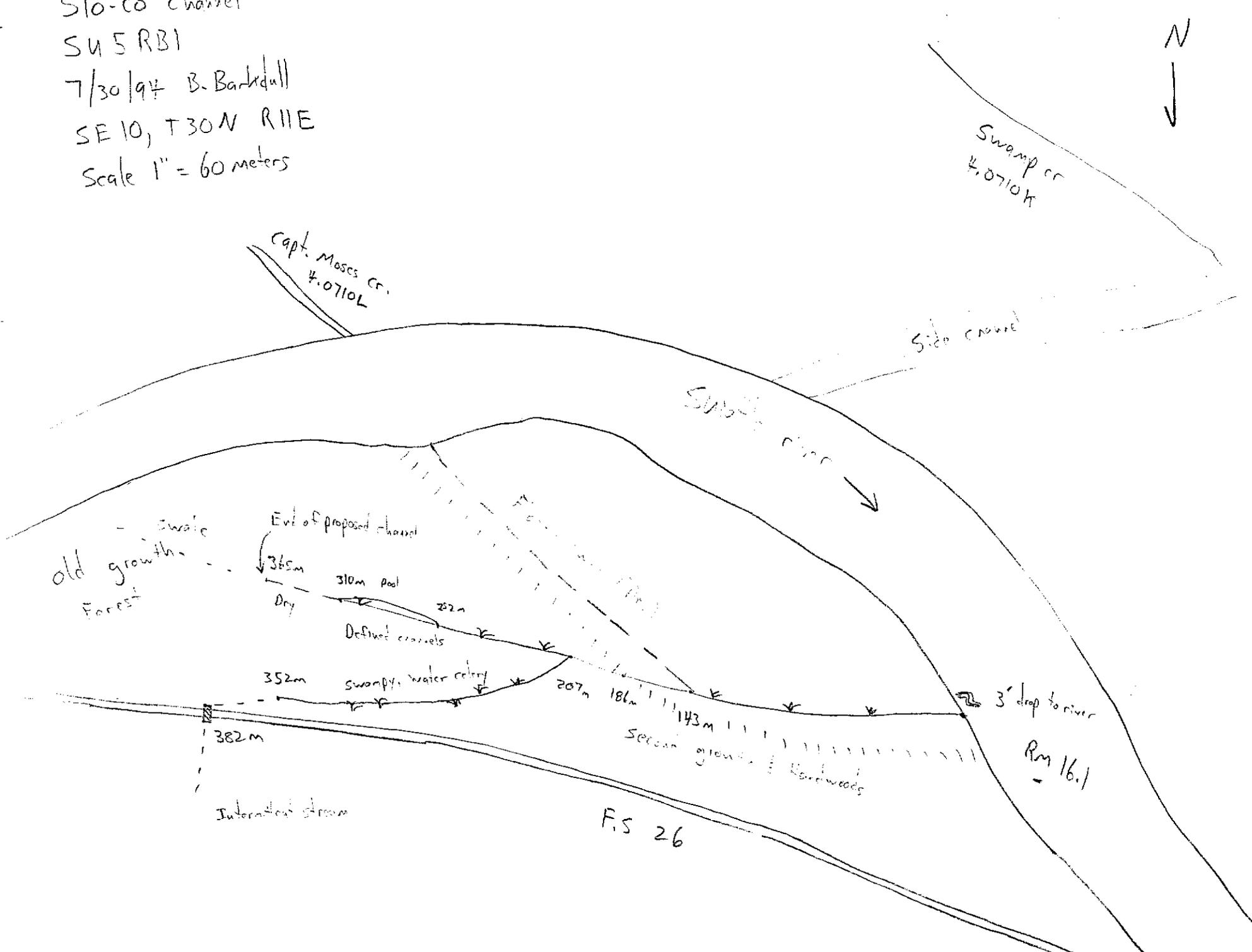
Equipment access: Good, forest service # 26 borders site.

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

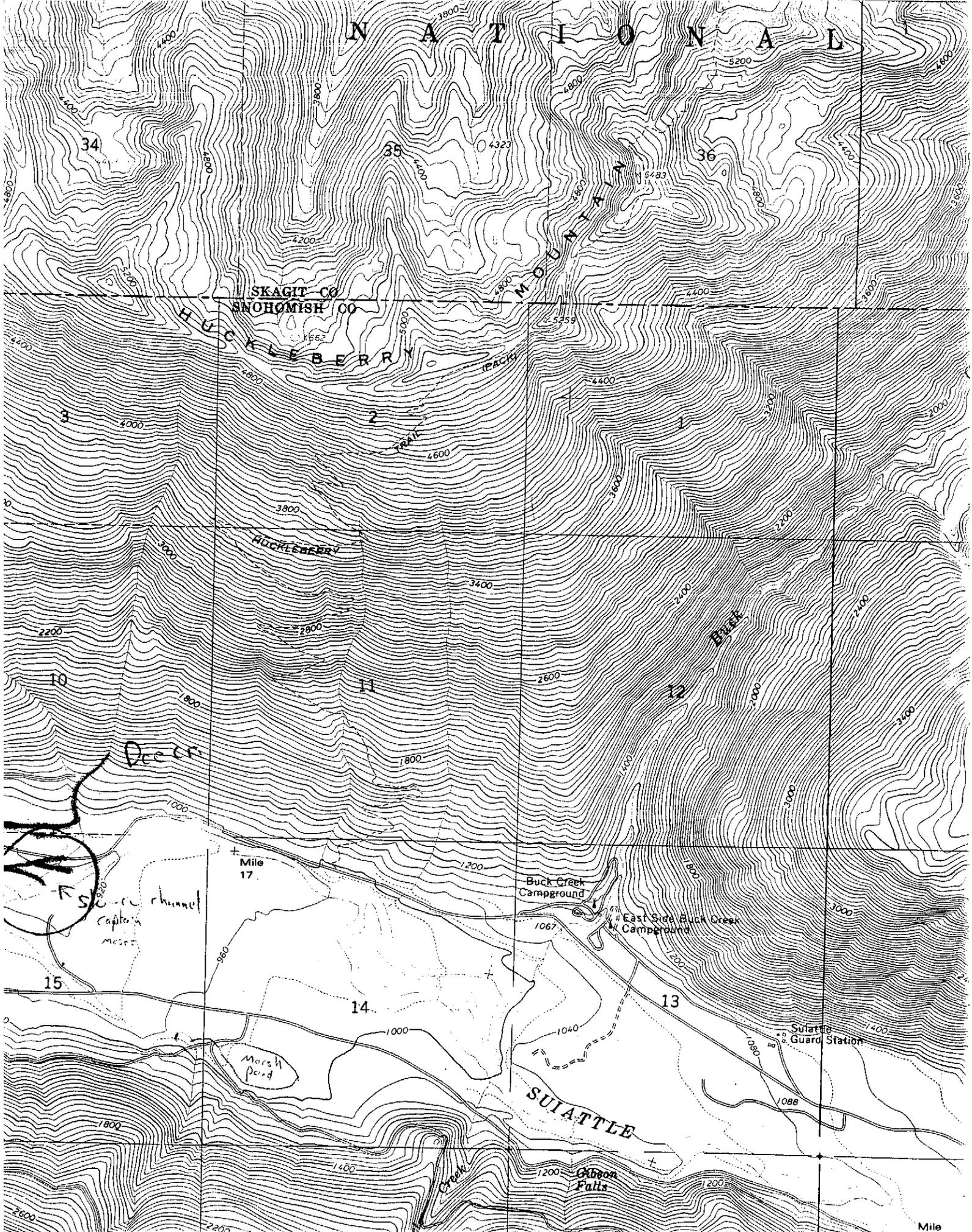
Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References: Forest Service files

Slo-co channel
 SU 5 RB1
 7/30/94 B. Barkdull
 SE 10, T30N R11E
 Scale 1" = 60 meters



F.S 26

N A T I O N A L



Deer
Success channel
Captain
Marsh

SKAGIT CO
SNOHOMISH CO

HUCKLEBERRY

MOUNTAIN

SUIATLE

Buck Creek
Campground

East Side Buck Creek
Campground

Suiattle
Guard Station

Gideon
Falls

Mile
17

Mile

34

35

36

3

2

1

10

11

12

15

14

13

Marsh
pond

Creek

4323
5783
5255

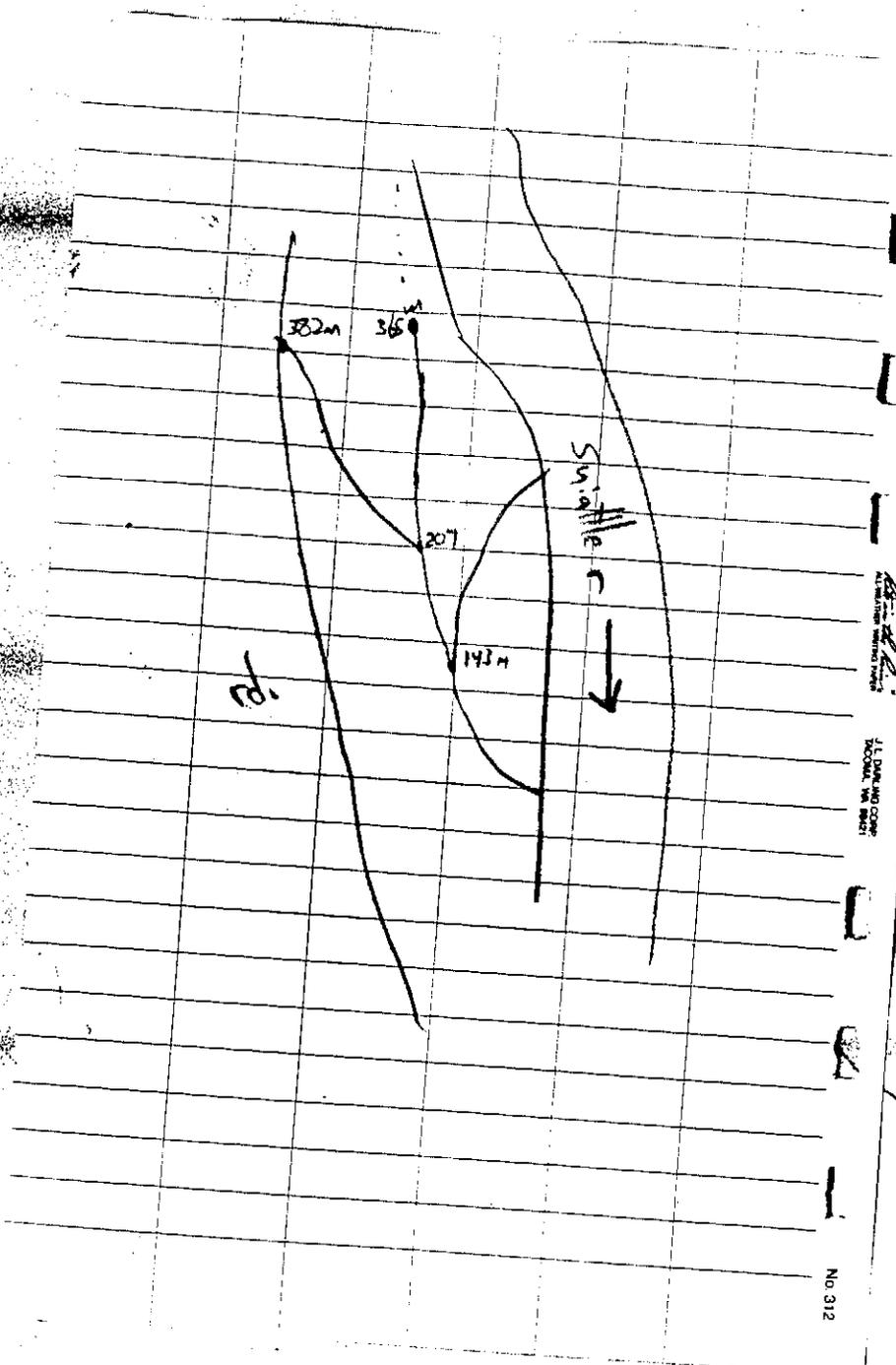
TRAIL
TRAIL

Buck
Creek



7/20/94 slo-co. ch. Survey
 estimated flow 5 gal/min temp. 56°

station	BS°	W(M)	comment
17.5	215°	30" 0.25	sn Seeded growth timber & hardwood Flood Ht. 1' above lower site
43.5	270	24" 0.6	AB 4' LB 2'
72.0	285	42" 1	
143	280	4' 1.2	Floody swale on L ^s ^{NO Flow enters}
186	255	10' 3	Now on upper branch
207	255	10' 3	channel forks, equal flow one cutthroat seen (LF)
252	270°	10' 3	3' below this, Beginning of pool
304	270°	2' 0.6	end of pool
310			end of water
365	270	0	End of proposed ch. Beyond here we get into large trees
Right fork			
0	235	2' 0.6	large trees
100	240	3' 0.9	
145	245	1' 0.3	end of water
175			to rd



ALBANY STATE COLLEGE
SCHOOL OF BUSINESS

SITE IDENTIFIER:SU5RB1
LOCAL NAME:Slo-co channel

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

RIVER:Suiattle SURVEY DATE:7/30/94 OBSERVER:B.Barkdull

WRIA: None ^{03.08/10A.} RIVER MILE/BANK LOCATION: RB 16.1

LEGAL LOCATION DESCRIPTION: 1/4 SECTION SE SEC.10 T.30 N R.11 E

CHANNEL TYPE: Perc channels

	RIVER	LOW END	UPPER END	O T H E R LOCATIONS
WATER TEMP:		56 f		
FLOW (CFS):		0.1 cfs		
WATER QUALITY:		appears good		

SUBSTRATE TYPE/SPAWNING GRAVEL ABUNDANCE & CONDITION:
Mud and sand mainly, some gravel below road on right fork

COVER/LOD: Good overhead canopy and aquatic vegetation

SITE DIMENSIONS: LENGTH: 455 meters wetted

WIDTH-WETTED:1-10 feet
-CHANNEL:same

DEPTH:inches throughout

WATER SOURCE: River perc?

FISH ACCESS/BLOCKAGES/CURRENT USE (BOTH ADULTS & JUV.):
Some limited access to juveniles and adults during flood events.
Cutthroat observed on day of survey.

LANDOWNER: U.S.F.S.

CHANNEL ENTRANCE CONDITIONS:
Very poor currently, a small falls through tree roots prevents
passage during normal flows.

FACTORS LIMITING PRODUCTION: Lack of access.

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NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

UP-OUTMIGRANT TRAPPING CAPABILITY/OPPORTUNITY/DIFFICULTIES:
Would be difficult to trap because of entrance conditions

BEAVER ACTIVITY: None

HEAVY EQUIPMENT ACCESS: Good

DIRECTIONS TO SITE: Take F.S. road #26 up the north side of the Suiattle approximately 14 miles. Site is located on the next terrace on the right side of the road just above the new section of road built after the road was washed out in 1990.

ENHANCEMENT OPPORTUNITIES AND COMMENT: This may be a site where an 1100' groundwater channel could be developed. The entrance conditions could be improved and the rest of the area left as is but parts of the current channel dry up in summer reducing the amount of habitat. The lower end of the channel is very floody due to a side channel which enters at 146 meters, and solving this problem would be the key to developing a project at this site. The rest of the area is relatively flood safe. Ground water is probably present at shallow depths even in summer.