

SITE INFORMATION

| | | | |
|----------------------------|----------------|-------------------------|--------------|
| Site Identifier : | HN2LB6 | Landowner Type : | Private |
| Site Name : | | Landowner Name : | |
| WRIA : | 03.0271X | Address : | |
| Region : | NS | Address2 : | |
| Trib to : | 03.0271 | City : | |
| River Mile : | 0.90 | State : | |
| River System : | Hansen Cr | Zipcode : | |
| Legal Description : | SW1/4S5T35NR5E | Phone : | |
| County : | Skagit | Coordinates | |
| Habitat Type : | spring creek | East: | 1,588,015.00 |
| | | North: | 1,175,506.00 |

Directions :

Drive to the Northern State facilities in Sedro Woolley and make your way to the bridge over Hansen Creek. Go over the bridge and turn left. Follow this gravel road for approximately .75 miles to where the bridge is out on trib 03.0271. Hike upstream for approximately 0.1 miles to the site.

Area Overview :

A spring fed trib that offers approximately 2140 square meters of good over-winter rearing and a fair amount of spawning habitat. It appears to be a stable site that gets good juvenile use.

Field Survey Information

Date : 3/5/98 **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

Water Temperature(C): Lower end: 5.8
Upper end: 8.9

Receiving Water Temperature (C): 4.4

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1 Ponds: Wetlands:

Depths: Channel: 12 Ponds: Wetlands:

Total length (includes ponds and wetlands): 2036

Total existing habitat area (est. m2): 2158

| | | | |
|------------------------------|----------------|---------------|---------------|
| Spawning area: | Mainstem: 18 | Tribs: | Total: |
| Impounded area: | Mainstem: | Tribs: | Total: |
| Other rearing area: | Mainstem: 2140 | Tribs: | Total: |
| Unaccessible habitat: | Mainstem: | Tribs: | Total: |

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Consists of: gravel that ranges from pea gravel to 2" gravel in size; good brushy cover; with a marginal water depth for spawners in some places.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Site is mostly a 1m wide channel with good meander and brushy cover as it flows through a second growth forest. It has a gravel/sand substrate, a fair amount of woody debris and is approximately 35% pooled.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site is spring fed and there is no evidence of any previous flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy pool at entry.

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

Describe: There were juvenile salmonids seen throughout the site and Kurt Buchanan (Habitat Biologist) has electro shocked several coho juveniles here in the past. There appeared to be a couple of redds present but it was unclear if they were made by coho or not.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Several juvenile trout were observed in the site.

ENHANCEMENT OPPORTUNITIES: None

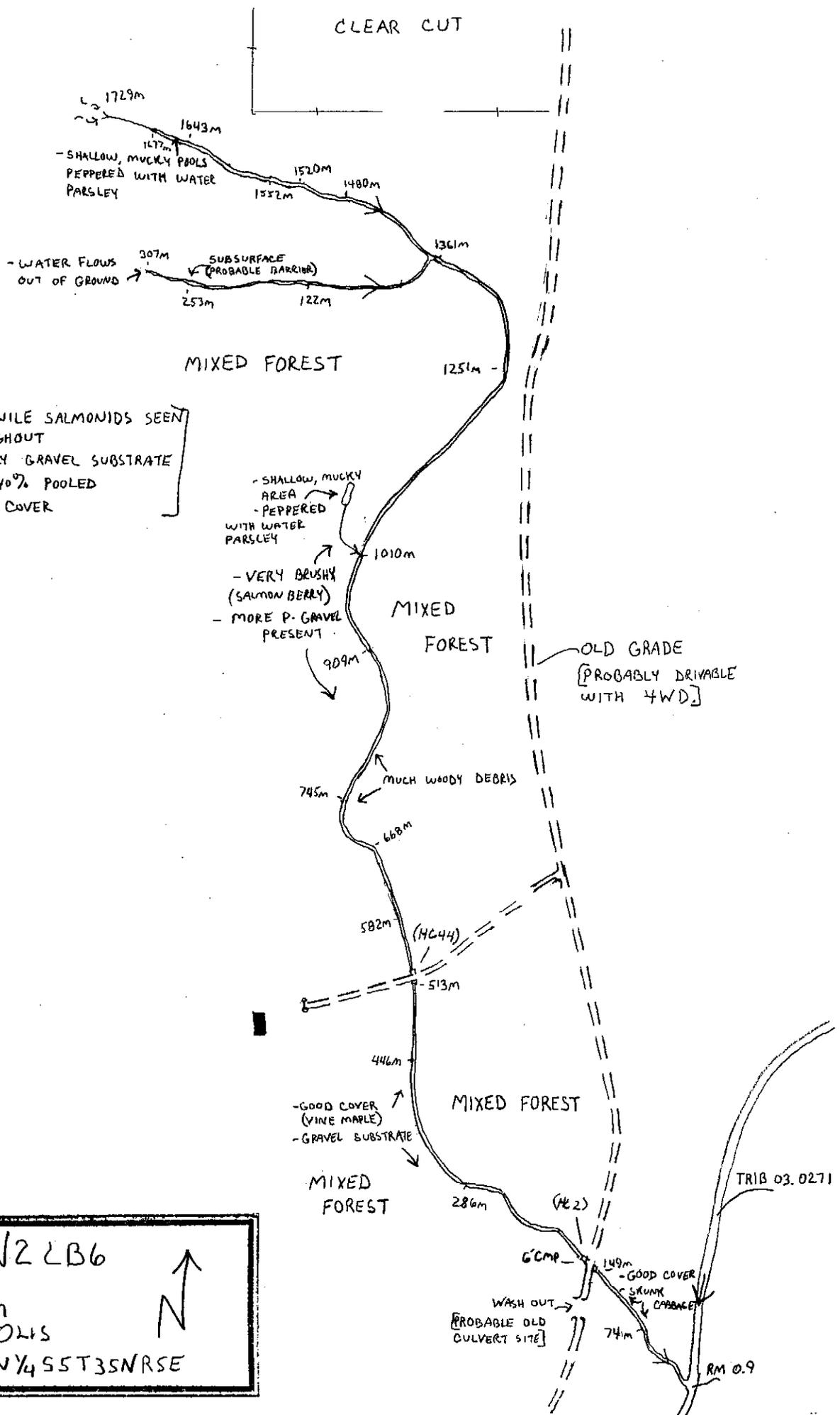
Project type:

Equipment access:

ADDITIONAL COMMENTS: The very north section of this creek flows through DNR land.

ATTACHMENTS AVAILABLE

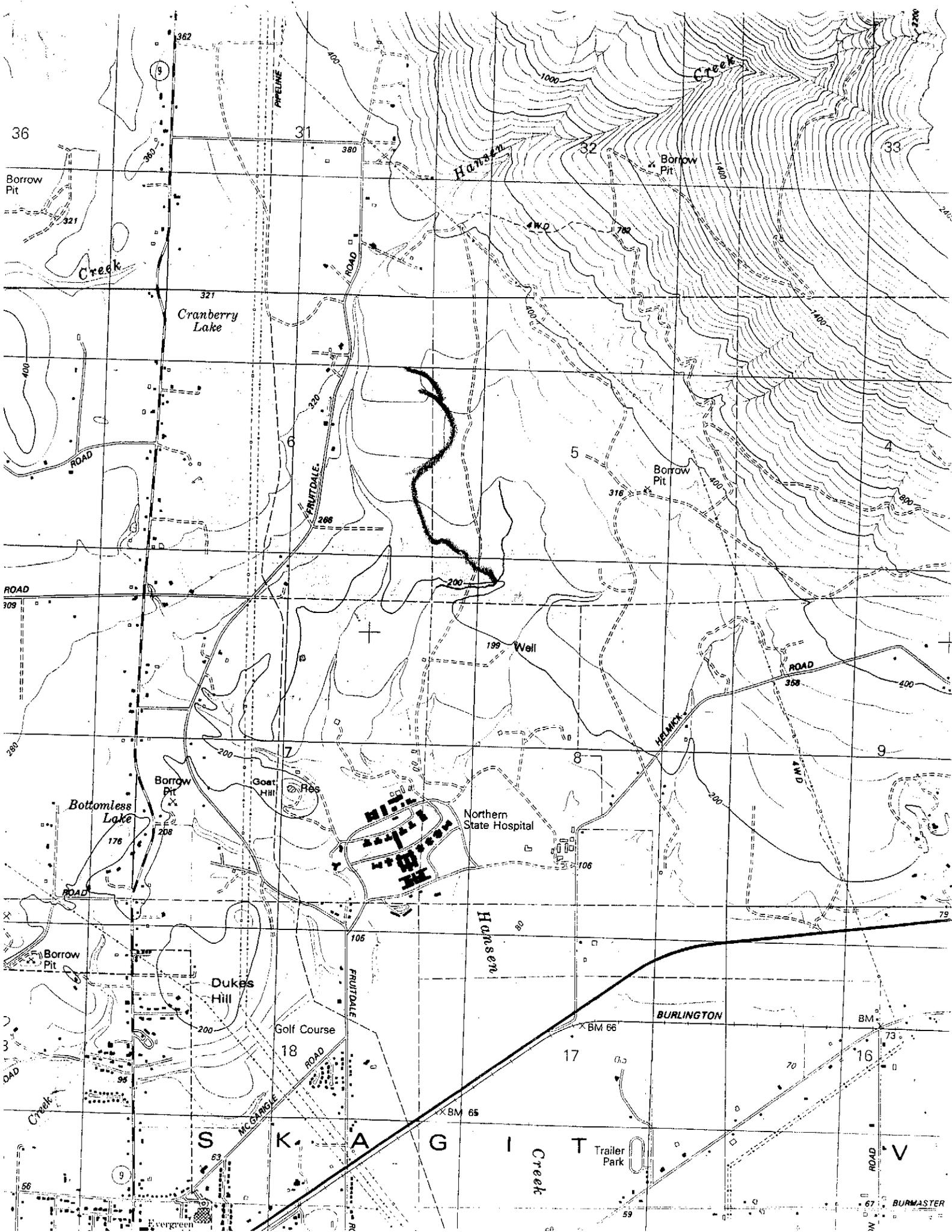
Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



- JUVENILE SALMONIDS SEEN THROUGHOUT
 - MOSTLY GRAVEL SUBSTRATE
 - 35%-40% POOLED
 - GOOD COVER

Site id. code: HN2LB6
Site name:
Scale: 1"=140M
Observer(s): M. OLDS
Legal location: SW 1/4 S5T35NRSE





36

Borrow Pit

Creek

Cranberry Lake

ROAD
309

Bottomless Lake

Borrow Pit

Creek

56

Borrow Pit

Goat Hill Res

Dukes Hill

Golf Course

S

K

A

G

I

T

V

Evergreen

FRUITDALE ROAD

FRUITDALE ROAD

MCGINNIS ROAD

HANSEN

HANSEN

BM 65

17

BM 66

BURLINGTON

BM 73

67

BURMASTER

Well

Borrow Pit

HAMLET ROAD

ROAD
368

AND

9

ROAD

Creek

33

4

8

79

16

ROAD

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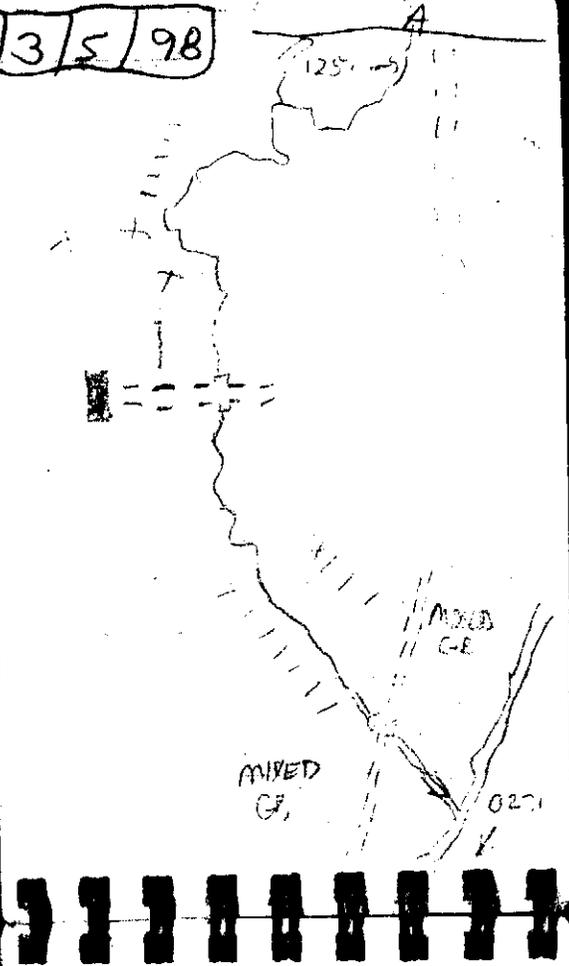
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HNZ LBG

RM 0.9

SW 1/4 S5 T35N R5E

3/5/98



0.0 ENTRY

- TEMP. 42.5
- REC WTR TEMP 40
- FLOW - 0.2 CFS
- ACCESS - SMALL EMB POOL @ ENTRY

74m WW 1.5M

- 25% POOLED
- 5 m² SP HAB.
- GR > 1"
- GOOD COVER
- @ OLD GROWTH
- STMT: STREAM FLOW UNDER
- SAND/GRAVEL SUPPLY
- SOME SKUNK CAB.

149m WW 1.5m

- 4m² SP, H
- GOOD SPENTY COV.
- TINY AMOUNT W/R PARS.
- @ 6' COVERED WITH
OLD GRADE
- 165m END OF CAMP

286m WW 1m

- 35% POWER
- GOOD MENTOR
- 4m² SP.

446m WW 1.5m

- @ 10' FIB. FLOW BOAT
COVERED w/ moss

446... JUV. SALMON.

SEEN

- 2m² SP. HAB.
- VINE MAPLE LAYER OVER

513m WW 1.5m

- JUV. SALMONIDS

SEEN

- @ 3' CAMP AND
ROAD GRADE.

582m WW 1.5m

- 1m² SP. HAB.
- POSSIBLE COWD REED
- @ SEEP OF AB
- ~~OPENING ON AB~~

668m - WW 1.5m

- @ OPENING ON RB
- @ BEG. OF ...
- SOME ... ON RB.

745m WW 1.5m

- LOTS OF ...
- DEBRIS IN CH.
- STREAM "HIDDEN" ...
- OF THE TIME

909m WW 1m

- GOOD HEAVY BRUSH
- MOSTLY / SAND. PGR. SUB.

1010m WW 0.75m

- SMALL SEEP ON RB
- JUV. SALMO SEEN
- THE SEEP GO FOR ABOUT 35m AND ENDS @ 20x12m
- ... POOL
- HEADED W/ SEDGES
- W/ 2 PARSL & SKUNK
- CABD.

1251 WW 1m

- 20% POOLED
- 4" DEEP - OC, SK CABD
- GOOD BRUSH
- 6m AWAY FROM OLD ...

1251m. GRADE @
THIS POINT.

1361m WW 1m
- @ FORK
- 2/3 FLOW OUT OF
LF.

WILL COME BACK FOR
RF.

- JUV TROUT SEEN
BACK BY ROAD.

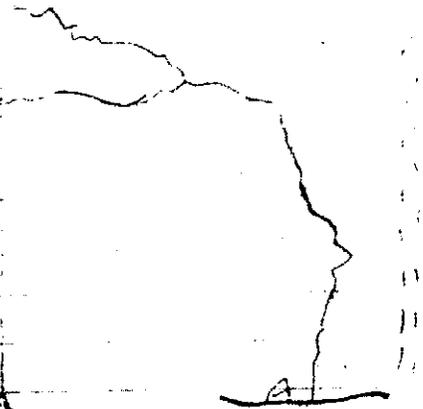
- 1388 - STE GOES
UNDER FOOT SYSTEM.

1480m WW 1m
- SANDY SUBSTR

1480m. JUV SEEN
- SLOW-MOVING, MOSTLY
POOLED.

cc

DNR LUG
2ND BE CONF



1520m ww 0.5

② 2' CHUTE AREA
MARG WW GLDG PASSAGE

1552 ww 0.5m

- STRM GOES SUBSTR.
FOR 6M

- LITTLE FLOW

1593 1-2' DEEP
0.5 WW

1677m ww 2m

- 1" DEEP - PEPPER
W/ WTR PARTICLES
MUCKY

1729m ww 1m

- 1" DEEP

- @ END OF AIRB
AS WATER SEEPS
OUT OF GROUND

WTR TEMP - 48°

+ FREEZING ON +
RF @ 1361m

30m m ww 1m

- SHALLOW, SANDY/GR
SUBSTRATE

- GOES UNDER FLOOR
FLOOR LITTER FOR
8m

122m WW 0.75m
- RIFT - FLOWING
BROSNV
- SWALE
RB

174m WW 0.5m
- FLOWS THROUGH
BUNCH OF LITTER

253m WW 0.5m
- MUCKY SUBSTRATE
- @ POINT WHERE
WATER IS SUB SURFACE
FOR 4m MAYBE
END OF JUV. ACCESS

284m & 289m
WW 0.5
- SUBSURFACE FOR
2m DIFF. ACCESS

307m WW 0.75m
- WATER FLOWS OUT
OF GROUND. END
OF HAB.
WTR TEMP. 43°

COMMENTS

- JUV. SALMONIDS THROUGHOUT.
- LOW FLOOD POT.

COMMENTS...

- SPAWNG FED
- SOME SPAWNG HAB
- MOSTLY GOOD BUSHY COVER
- TRIB EXTENDS PAST CC CORNER BY \approx 200 m.
- EXC. REARING
- OVERALL 35% POOLED.