

SITE INFORMATION

Site Identifier :	SS12RB5	Landowner Type :	Federal
Site Name :	Jarsk Cr	Landowner Name :	USFS
WRIA :	05.0434A	Address :	
Region :	NS	Address2 :	
Trib to :	SF Stillaguamish R	City :	
River Mile :	63.80	State :	
River System :	SF Stillaguamish R	Zipcode :	
Legal Description :	NE1/4S21T30NR10E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	lower valley wall tributary	East:	1,749,414.00 North: 1,001,748.00

Directions :

Follow the Mountain Loop Highway out of Granite Falls towards Darrington. Jarsk Cr crosses the Mountain Loop Highway at mile post 25.1.

Area Overview :

Jarsk Cr has known coho use which are probably attracted by the large beaver pond complex on the lower end of this site. There is a barrier culvert at the Mountain Loop Highway crossing that hinders fish passage and needs to be replaced.

Field Survey Information

Date : 12/4/02 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 2.5
Upper end:

Water Temperature(C): Lower end: 4.4
Upper end:

Receiving Water Temperature (C): 3.3

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 2.1 Ponds: 16 Wetlands:
Depths: Channel: 0.15 Ponds: 1 Wetlands:
Total length (includes ponds and wetlands): 1906

Total existing habitat area (est. m2): 7185

Spawning area:	Mainstem: 240	Tribs:	Total:
Impounded area:	Mainstem: 4274	Tribs:	Total:
Other rearing area:	Mainstem: 2671	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Most of the good spawning habitat is located within the first 400 meters of the site. There is good instream and overhead cover present. The gravel size ranges from 1" to 4" and the habitat is pool/riffle.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: There are a series of beaver ponds located on the lower end of the site that provide excellent rearing habitat. These ponds have good wooded structure present as well as diverse vegetation including water parsley, skunk cabbage, sedges and canary grass. The mainstem itself averages 2 meters in width, is mostly pool/riffle habitat, and there has been logs pinned in places on the lower end of the site.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The only part of this site that appears vulnerable to flooding is the lower 50 meters which is downstream of the Mountain Loop Highway.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a large pool present at the mouth of this site.

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

Describe: Adult coho where observed spawning in the lower 200 meters of the site on the day of the survey.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: Trout can access and utilize this site as well.

ENHANCEMENT OPPORTUNITIES: There is a barrier culvert at the Mountain Loop Highway crossing that would be a good enhancement project. Replacing this culvert would facilitate adult and juvenile access to the large amount of habitat upstream. See culvert site S14 in SSHEARBASE.

Project type:

Equipment access:

ADDITIONAL COMMENTS: There is also a barrier culvert at the upper end of this site (S110 in SSHEARBASE) that has 280 meters of high gradient (12% grade) habitat upstream.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

SECOND GROWTH
CONIFERS

SECOND GROWTH
CONIFERS

ST10

380m

12% - 16%

20 YEAR OLD
DOUG FIR PLANTATION

REZERO
822m

7% - 12%

SAND/COBBLE
SUBSTRATE

CONIFERS

642m

5% - 7%

GRAVEL/COBBLE SUBSTRATE

CONIFERS

7-12%

131m

GRADED & SUBSURFACE
IN PLACES

225m

12-16%

CONIFERS

185m

5-7% GRADE

MOUNTAIN LOOP
HIGHWAY

209m

3% - 5%

- MOSTLY GRAVEL

- SOME PINNACLES

- LOGS IN CHANNEL

REZERO
41m

CONIFERS

REZERO
50m

ST4

SOUTH FORK STILLAGAUMISH RIVER

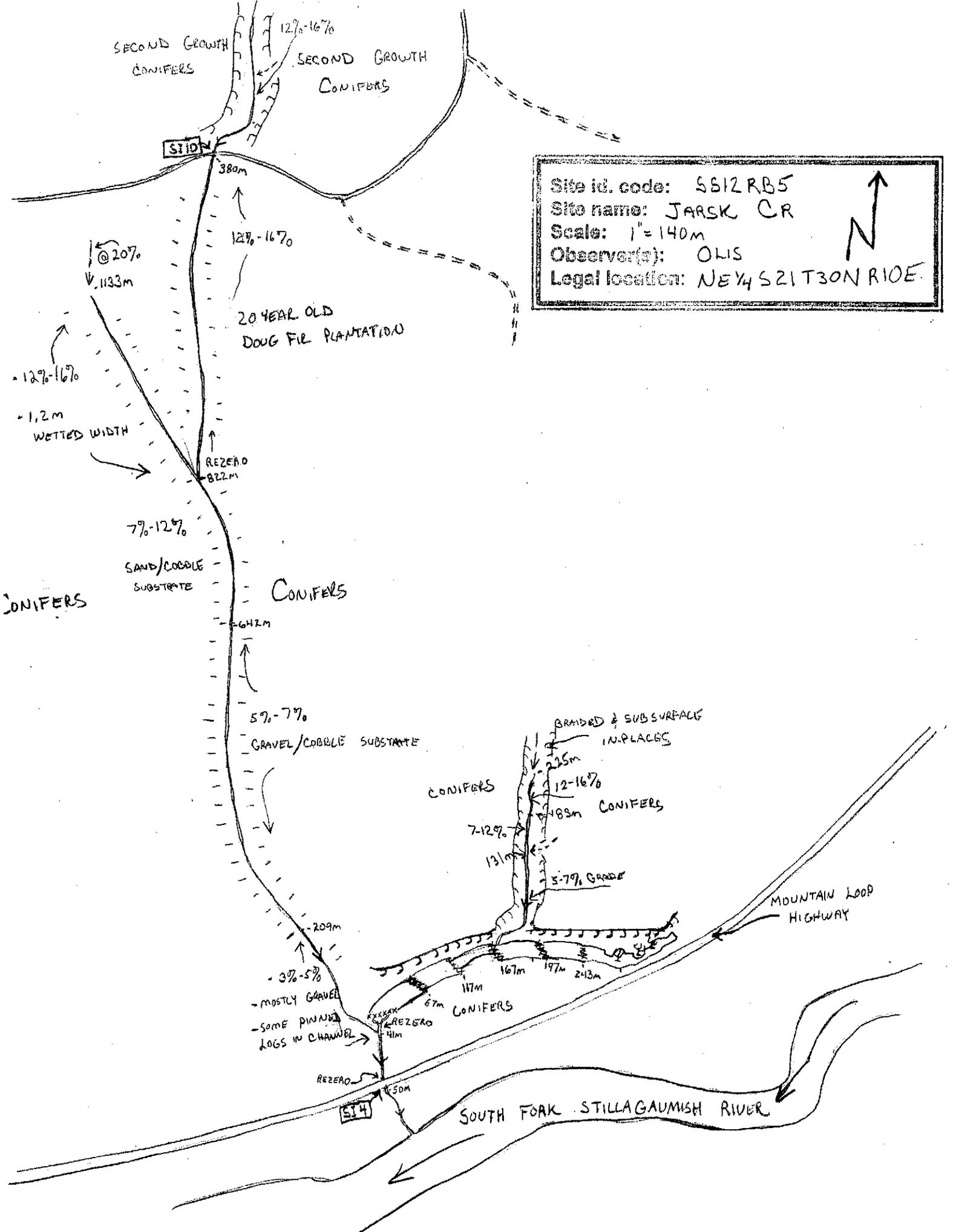
Site id. code: 5512RB5

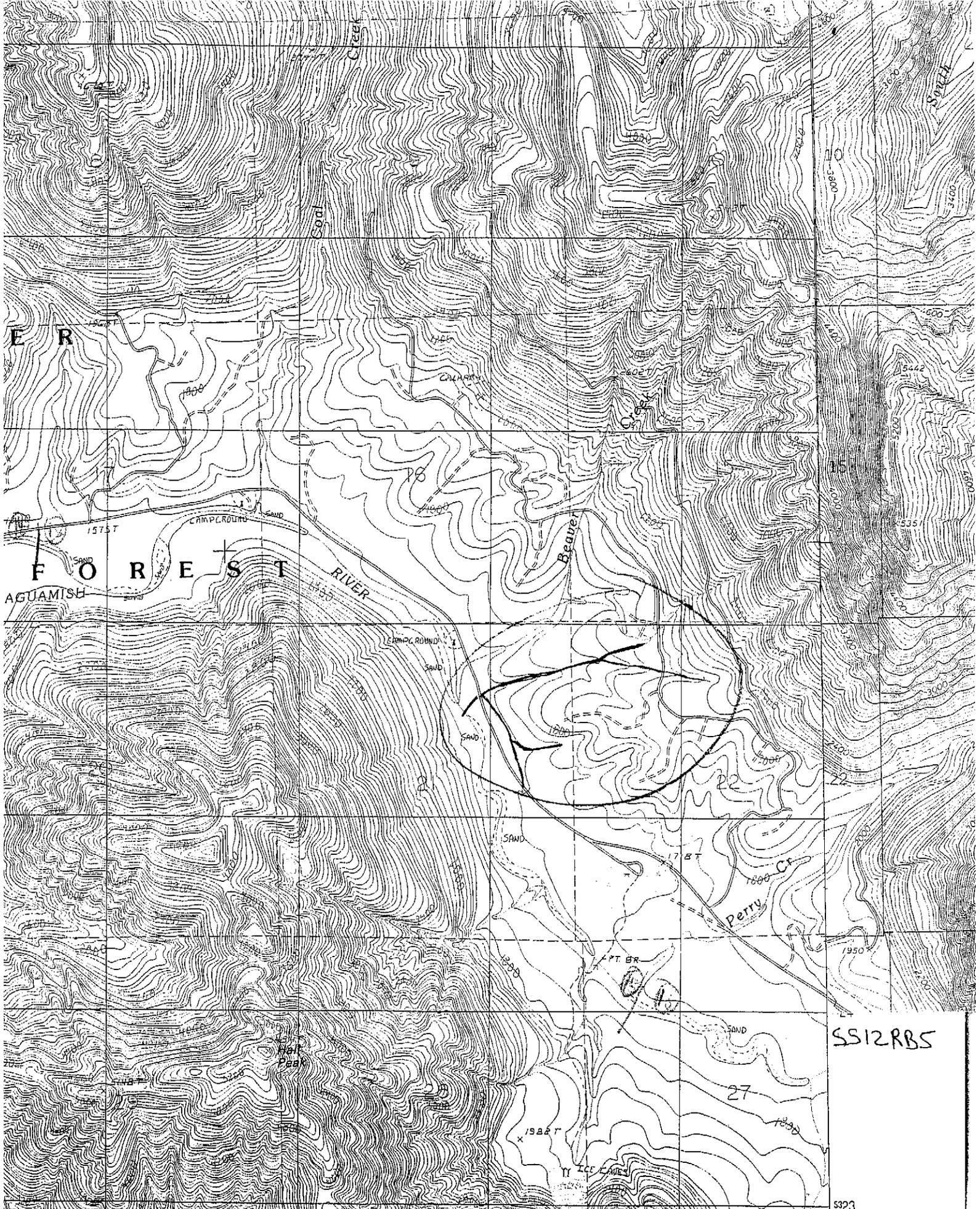
Site name: JASK CR

Scale: 1" = 140m

Observer(s): OLIS

Legal location: NE 1/4 S21 T30N R10E





SS12RBS

SS 12 RB 5

RM 63.8

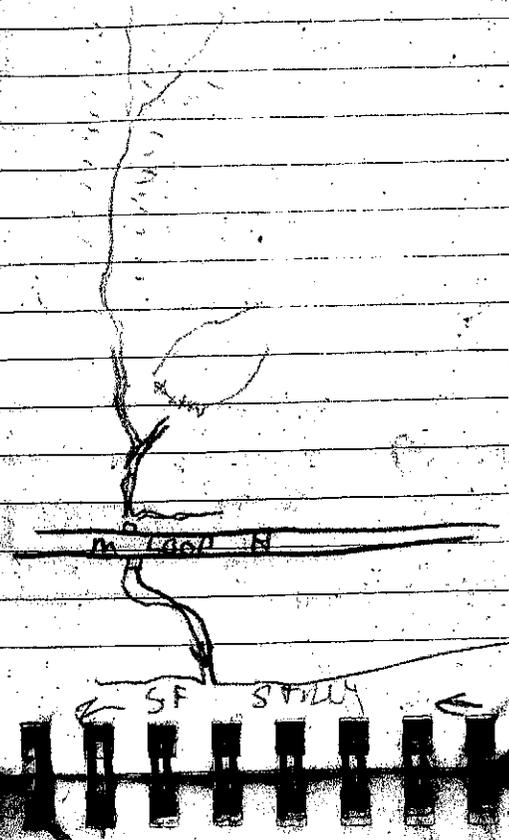
NE 1/4 S21 T30N R10E

X- 174 9414

Y- 1001748

12-4-02

JARSK
CR.



O.O. ENTRY

WT - 40°

GWT - 38°

Flow - 2.5 CFS

ACCESS - GOOD

LARGE POOL

43m W x 1.9m

2% GRADE

4m² - 4L - OD - 2R

- BRUSHY → POOL / RIF

- @ BACK OR PL POOL

50m W x 4m

PLUNGING POOL

- @ CURRENT OUTLET

HPI OHW WIS D FYIC

(GEM UPPER M.W.)

2000 @ UPSTREAM END OF P...

○ SMALL LA TRID

40.7 3L 2D 2R

@ ROCK CONTINUE UP

RF at mainstream

3.6

14.1R 4.0 3.6 0.24 Pool

44.3

14.9 2.7 1.4 0.08 RIF

58.6

1 1.6 1.0 0.12 Pool

59.6

7.5 2.0 1.8 0.05 RIF

67.1

2.5 2.8 2.6 0.29 Pool



7 2.1 1.6 0.06 RIF

76.6

4.2 3.5 3.3 0.29 Pool

80.8

12.2 2.4 1.8 0.09 RIF

93.0

12.3 2.4 2.3 0.20 Pool

96.8

3.9 1.8 1.2 0.07 RIF

100.7

END OF SAMPLE

12-1R

167.8 STOPPED FOR DAY

12-9-02

209m

END OF RUN

3-570

S-28.640-C25-B 10

HIP | ONW | NW | D | TYPE
 BEG. of SAMPLE

239.4				
6.5	2.9	1.7	0.09	RIF
242.5				
3.3	3.0	2.0	0.23	POOL
245.8				
10.9	2.3	1.6	0.08	RIF
256.7				
3	3.0	2.7	0.16	POOL
259.7				
4.8	2.8	2.5	0.06	RIF
264.5				
6	3.2	2.9	0.30	POOL
270.5				
6.4	1.6	1.2	0.05	RIF
276.4				
7	3.9	3.6	0.27	POOL

282.9				
12.4	2.2	0.8	0.05	RIF
296.3				
2.7	3.6	3.0	0.24	POOL
299.6				
0.9	3.2	3.0	0.06	RIF

300.5
 END OF SAMPLE
 450m
~~BEG. of SAMPLE~~
~~1.5~~
 GOOD LEAD - SP. CA
 642
 END OF RUN IN
 5-7% LEAD
 S2S GSS C30 B-5

HLW OHW LW D TYPE

692.0 BEG. OF BRANCH

↓ 8.2500' CRACK

688.5 (BEG. OF SAMPLE)

3.9 1.8 1.0 0.07 RIFF

692.4

5.2 2.1 1.6 0.15 POOL

697.6

13.9 2.5 1.0 0.08 RIFF

711.5

8.5 2.9 2.7 0.29 POOL

720.0

2.4 3.4 1.6 0.06 RIFF

722.4

2.5 3.0 2.6 0.21 POOL

724.9

7.3 2.9 1.4 0.08 RIFF

732.2

3.8 3.3 2.2 0.20 POOL

736.0

1.8 2.8 2.3 0.09 RAPID

737.8

2.2 1.7 1.2 0.08 RIFF

742.0 2.8 1.8 0.17 POOL

1.4

741.6

0.5 1.5 1.0 0.05 RAPID

742.1

2.7 1.6 1.2 0.06 RIFF

744.8

2.3 2.2 1.7 0.20 POOL

747.1

HIP 044 WJ P T

747.1
1.4 1.8 0.9 0.06 POOL
748.5

END OF SAMPLE

822.4 LB TRB
CUT OF BLOCK
1-12-70
30 40 20 40 10

END OF SAMPLE

881.7
3.7 1.2 1.2 0.15 POOL
885.4

9 1.2 1.1 0.1 RIFF
894.4

3.3 2.7 1.2 0.20 POOL
897.7

1.3 0.9 0.9 0.05 POOL
899.0

1.8 1.5 1.0 0.06 RIFF
900.8

1.5 2.8 2.6 0.17 POOL
902.3

0.5 1.6 0.5 0.05 RIFF
902.8

2.7 1.9 1.7 0.22 POOL
905.5

20.1 1.6 1.4 0.09 RIFF
925.6

2.2 3.4 2.3 0.22 POOL
927.8

3.7 2.2 1.8 0.04 RIFF
931.5

1.5 2.2 1.6 0.23 POOL

733.0
 8.7 14 1.1 0.1 RPT
 94.7
 124. S3C 22 15 C 40 B 10
 1082 sim R0 11.0
 L 2 11.0

1133 CHS 29m
 C040 21.7
 END OF SURVEY
 USE Flow Meter
 STEM FLOW METER
 DOWN OLD BRIDGE
 AREA

LB TRIB @ 822M

4.6 1.2 0.3 0.01 RPT
 4.6

2.9	2.2	1.9	0.05 RPT
2.5			
3.1	1.7	1.1	0.1 RPT
10.6			
3	2.5	2.1	0.22 RPT
15.6			
4.6	0.9	0.7	0.1 RPT
10.2			
0.8	1.3	0.6	0.04 RPT
19.0			
3.8	1.9	1.1	0.09 RPT
22.8			
3	1.9	1.4	0.2 RPT
25.8			
2.7	1.5	0.8	0.01 RPT
28.5			
2.8	1.6	1.5	0.02 RPT
3.3			

3.3
 10.8 1.2 1.1 0.5 RPT
 42.1
 3.1 2.2 1.8 0.22 P300
 45.2
 5.1 1.0 0.7 0.12 R
 50.3
 2.8 2.2 2.0 0.3 RPT
 53.1
 3.2 2.0 1.8 0.07 RPT
 56.3
 3.7 1.8 0.6 0.05 RPT
 60.4
 (Flow, only 20 PR PER)
 324 END OF RPT
 380 @ 12 CURVES
 535 6K15 CND B10

Stream is 16 1/2

CULVERT INFO:
 TYPE: CAL
 SPAN: 0.62 OFFAL 0.7
 MAT: NO SLOPE 10% C
 FILL DEPTH: 3m W-DEPTH
 LENGTH 17.7 0.02
 PL PL - 2.9 PL OFF 2.8
 PL DEPTH 0.3
 CAPOR END 3/4 PLUGGED w/
 DEBRIS. SUBMUNTS
 UNGRAVELLED PIPE

REZERO UPSTREAM END
of PIPS

HIP | 0 | W | D | T

0
194 BEGINNING of SAMPLE

2.7 2.1 1.4 0.3 POOL

221

4.4 1.8 0.7 0.06 RIFF

225

1.4 1.7 1.5 0.05 RAP

27.9

7.2 1.7 1.1 0.8 RIFF

35.1

1.9 1.9 1.8 0.17 POOL

32.0

0.7 1.8 1.0 0.07 RAP

37.7

12.7 1.5 0.8 0.05 RIFF

50.4

2.4 2.4 1.4 0.2 POOL

52.8

3.4 2.5 1.5 0.03 RIFF

56.2

2.4 3.0 2.0 0.3 POOL

58.6

4.4 1.1 0.9 0.06 RIFF

63.0

2 1.2 1.0 0.1 POOL

65.0

7.3 1.1 0.9 0.06 RIFF

72.3

1.3 2.4 1.0 0.07 RA

73.6

5.8 1.2 1.0 0.06 RIFF

79.4

RA

@ 72.6 m WATER IS
FLOWING UNDER OLD
CROWTH LOGS. CAUSE
SEE THE CHANNEL

89 m CHANNEL IS
VARIABLE AGAIN
AND MOSTLY DRY (7-20%)

THIS ROW S G C B
@ 124 m IS A LB TRIP
THAT IS GRATED
IT IS 17% 0.5 m
WIDE
(END OF LEAF) RP IS DRY

@ 280 meters
END OF SURVEY

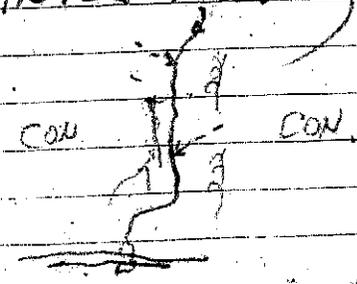
10-12%
LAST (S-10 G'S C'S B-O)

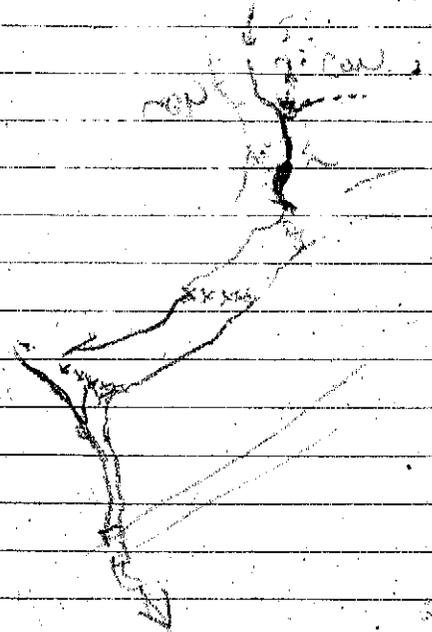


THE SURVEY CORRS
IT IS 1.2 m WIDE
MOSTLY 10-12%

LF IS WOOD (0.8 m)
AFTER 20 m THE
CHANNEL IS @ 20%
AND OVER

RP 0.5 m 23%
INTERMITTENT





252620 @ Fork just

BURDOW BUR DAM

LF

26m W 5m

@ 29m BUR DAM

67m W 28m

BUR BAND

117m W 20m

@ 32m BUR DAM

W.P.; SODLES; CAN GIVE

167m W 12m

@ 30m BUR DAM

167m

RB TRIP (LAUG 2015)

RECORD @ MATT

#19 1.0 W D T

0 2.4 3.4 GC @ 200m

2.0 cur. 1.8 5.0 RB - MID-200

17.8

1.0

20m

4.4 3.2 0.35 POOL

44.4

6.6 1.2 1.1 0.1 2.0

51.0

2.0 1.2 1.0 0.3 POOL

53.0

12.3 1.2 0.7 0.08 RIFF

65.3

2.1 1.2 1.1 0.25 POOL

67.4

2.6 1.0 0.6 0.05 RIFF

70.0

3.0 1.3 0.9 2.1 POOL

73.0

3.3 1.8 1.0 0.05 RIFF

76.3

4.4 1.8 1.6 0.2 POOL

80.7

6.6 1.5 1.0 0.1 RIFF

87.3

5.7 POOL

95.0 1.6 1.5 0.3

5

100.0 1.0 0.9 0.15 RIFF

5.7

5.78 0.10 0.2 B 1.0

(1m deep JUST BUR DAM)

131m (wid) of
BRIDGE

1.3 TRIP < 2 km
(HIGH BESS)

183m ww 0.7 - 7-12%

ALL MUD BRIDGE TO

STARTS - SHALLOW

GLASS FIELDS SWALL

225 ww 0.7

ST CHAN NEED TO

DICKSON BRIDGE

SUBSURFACE IN PURCH

12-1670

WIND OF SURVEIL

BACK TO BUR DAM

@ 167m...

30m LONG

197m ww 24m

@ 20m BUR DAM

243m ww 24m

BUR AND BUR

OLD - OVERTOPPED BUR
DAM

275m ww 12

@ 24m BUR DAM

@ M.L.H.

12-10-02

JARSK CR.

R2620 @ DITCH
JUST UPSTREAM OF COLN.

2m w/w 1m
W. ROADSIDE DITCH

62m w/w 1.5m
ALONG ROADSIDE
DITCH - W.P. C.G.F.
- some coral

7m and 3m
SHALLOW WIDE BOTTOM

0.1	0	0.1	0.1	0.1
12	1	0.9	5.3	2.7
722				
	2.0	1.8	0.12	RIFR
800				
	2.4	2.0	0.15	ROCK
8-9				

ROCK @ BUR
FOUND END OF
RIFR,

167

192

310m w/w 18 in
B.V.R./SWAMP

359m w/w 10m
ESCAPED POOLS

① HORN BIRD

② M.L. HAWK

MANISTON SAMPLE
IMMEDIATELY AFTER
OF MLH @ CULVERT

H O W D T

0.

11.6 | 2.3 | 2.1 | 0.13 | R.F.F.

11.6

11.7 | 3.4 | 2.3 | 0.27 | POOL

13.3

16.2 | 3.9 | 2.4 | 0.18 | R.F.F.

14.5

12.3 | 3.7 | 2.1 | 0.22 | POOL

21.8

10.3 | 4.0 | 3.5 | 0.17 | R.F.F.



32.1

3.8 | 3.9 | 3.8 | 0.25 | POOL

35.8

@ FORD

GRAB

525 665 10 B O