

SITE INFORMATION

Site Identifier :	SS13LB6	Landowner Type :	Federal
Site Name :		Landowner Name :	USFS
WRIA :	05.0001X	Address :	
Region :	NS	Address2 :	
Trib to :	SF Stillaguamish R	City :	
River Mile :	66.83	State :	
River System :	SF Stillaguamish R	Zipcode :	
Legal Description :	NW1/4S35T30NR10E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	beaver pond	East:	1,758,667.00 North: 991,223.00

Directions :

Follow the Mountain Loop Highway out of Granite Falls to the Forest Service 4065 road on the right that leads to the trail head for the Sunrise Mine Trail (approximately 0.4 miles past Buck Creek). Go down this road for 0.5 miles to Palmer Creek and park here. Hike downstream to the the SF Stillaguamish R. Hike down the river 0.25 miles to the site on the left bank.

Area Overview :

This is a large beaver pond complex that offers 21519 square meters of excellent rearing habitat. There were fish observed rising to the pond surface on the day of the survey.

Field Survey Information

Date : 10/21/02 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.05
Upper end: 0

Water Temperature(C): Lower end: 11.1
Upper end:

Receiving Water Temperature (C): 7.8

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 4 Ponds: 120 Wetlands:

Depths: Channel: 0.5 Ponds: 1 Wetlands:

Total length (includes ponds and wetlands): 354

Total existing habitat area (est. m2): 21519

Spawning area: Mainstem: Tribs: Total:

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem: 21519 Tribs: Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This is a large beaver pond that lies within 50 meters of the river. It has good amounts of wood and aquatic vegetation in the pond that provides excellent structure for cover. There is skunk cabbage, sedges, water lily and other vegetation present. There are two small streams that come in on the upper end of the pond that were seeping along on the day of the survey (low flow period).

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: After looking at the aerial photos, it appears that the river channel has migrated closer to this site recently and the north end of the pond is within 50 meters of the active river channel.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a pool at the entry area and any fish entering the site has to negotiate a series of beaver dams to get to the pond.

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

Describe: This site has excellent coho rearing habitat and access would increase during high flow periods as the beaver dams would become more vulnerable.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: This site also provides excellent habitat for trout as well.

ENHANCEMENT OPPORTUNITIES: None

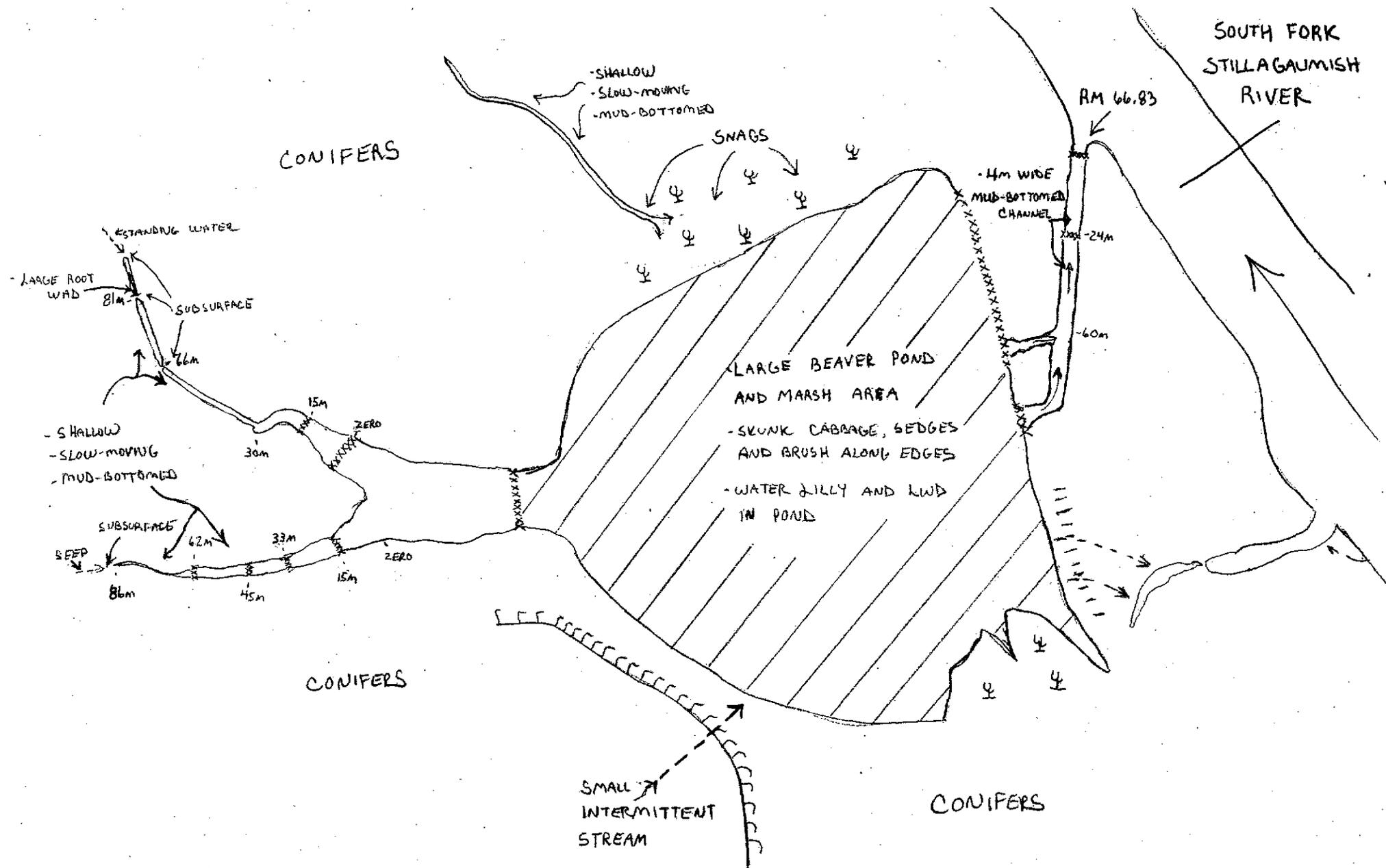
Project type:

Equipment access:

ADDITIONAL COMMENTS: There were fish observed in the pond rising to the surface and feeding on the day of the survey. The survey was done during a low flow period.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: SS13LB6

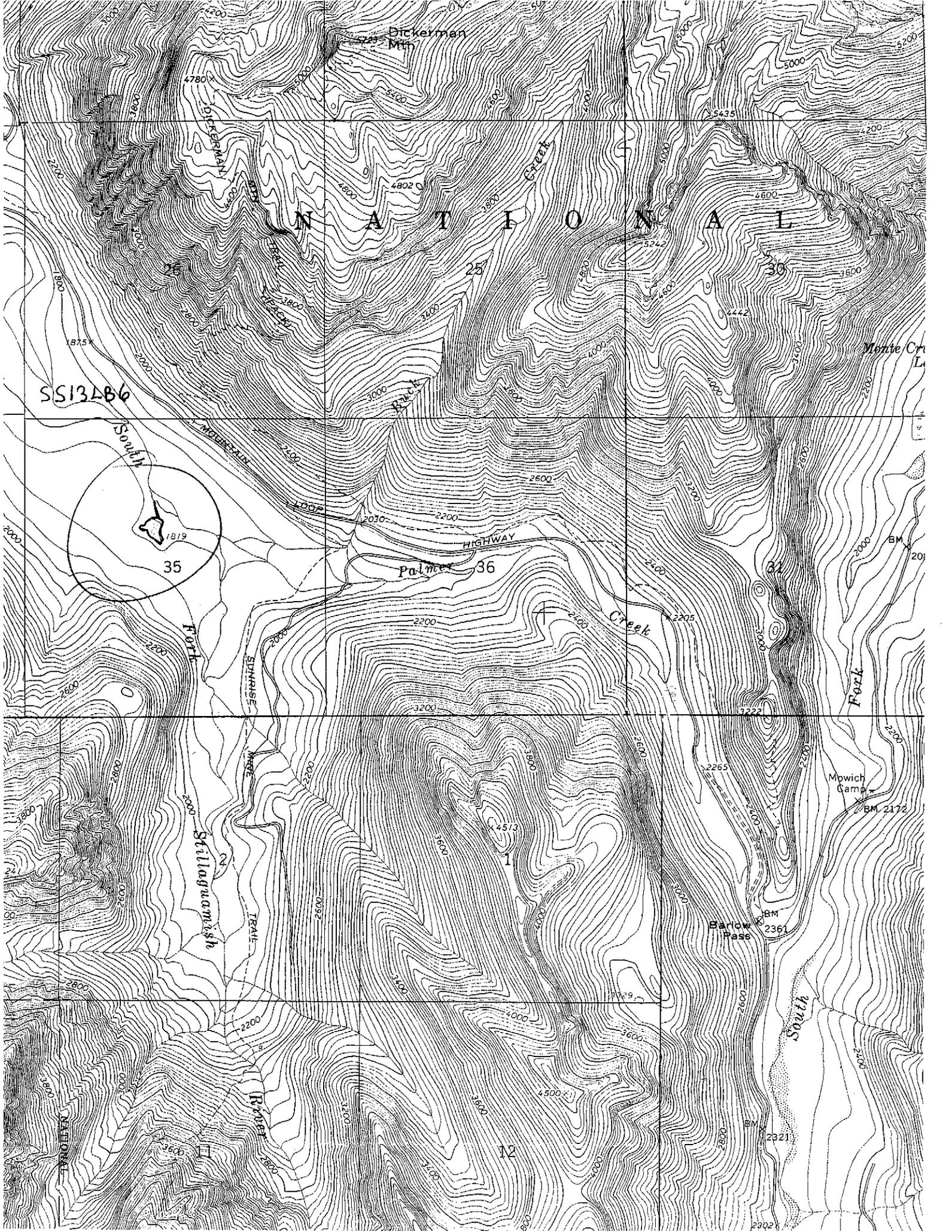
Site name:

Scale: 1" = 40m

Observer(s): OLIS

Legal location: NW 1/4 S35 T30N R10E





SS13 LB6

RM 66, 83

NW 1/4 S35 T30N R10E

X- 1758667

Y- 991223

10-21-02

2.0 GWTM

FLOW - 0

UP

WT - 52

UP

RWT - 46

WELLS - POOLED @ 4.125

(NOT QUITE CONNECTED)

37m WU 4.3m

- POOL - VOLT MUCKY S.W. 500

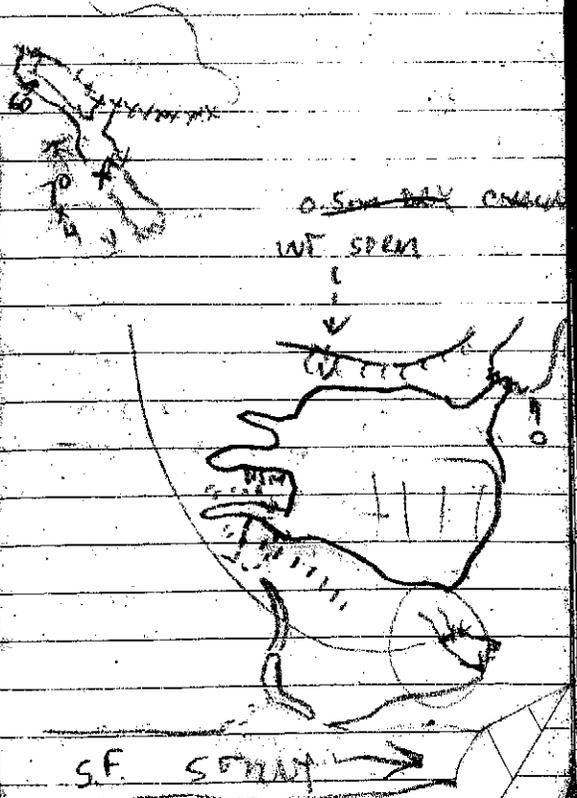
- SKINNY OAR SHOULDS

ON ARMS

87m (S) 2m

- DRY W. PILES - NO

WATER CONNECTION



37m TO POND

A FEW DRY CHANNELS
THAT DRAW POND
WATER FULL

115m W 2m
- WEEDS FOUND
AREA @ BASE OF
POND.

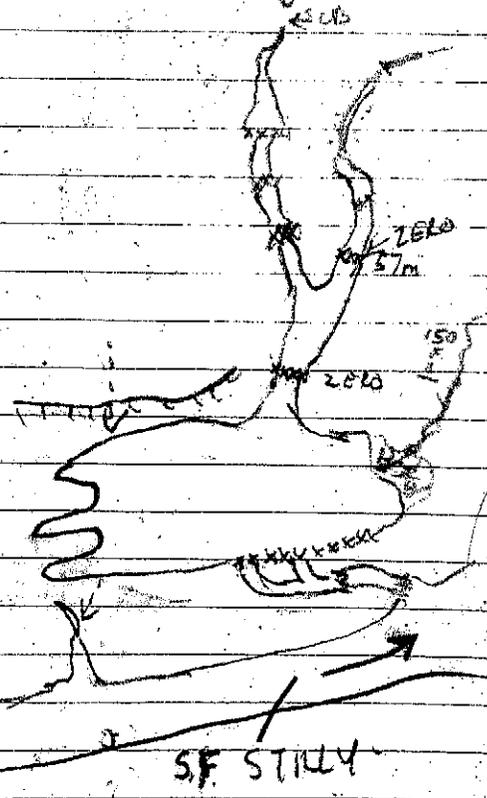
RECORD

@ 20m BUR DAM

54m x 74m W

- POND

- @ 12m BUR DAM



10-22-02

REZERO @ 52m MARK

15m WNW 7m POOL
@ 5m OVER DAM

30m WNW 4m POOL

@ PACE WHERE CN USED

DOWN TO 1.5m

BEDRY FLOW

60m cur 1.8m

- SHALLOW - SLOW - MUD
- MUDY MUDS BOTT
- SKULK CABBAGE

@ SUGARFACE POOL 2m

81m cur 2m

@ L ROOT CURS STRA
SEEPS UNDER

74m WNW 2m

- SHALLOW
- STEMS TO SEEP OUT
FROM UNDER LOGS AND
SILTY AREA
STANDING WATER UPST
WN - 45.5°

REZERO ON R FORK

15m WNW 5m

@ 5m OVER DAM

33m WWD 6m
@ 4m BUR 4m

45m WWD 4m
@ 6m BUR 4m

62m WWD 4m
@ 3m BUR 4m

86m WWD 0.8m
END OF WWD
CHANNEL GOES SUBSURF
FOR 3m / 45.5°
END OF SURVEY

Comments

- ~~GROUNDWATER~~
SURFACE POD
- MBD FLOODING
RIVER MUD CLOSED