

SITE INFORMATION

Site Identifier : SK7LB1 **Landowner Type :** Private
Site Name : Mill Creek Slough **Landowner Name :**
WRIA : 03.0375X **Address :**
Region : NS **Address2 :**
Trib to : Mill Cr **City :**
River Mile : 45.00 **State :**
River System : Skagit R **Zipcode :**
Legal Description : NE1/4S22T35NR7E **Phone :**
County : Skagit
Habitat Type : slough

Directions :

Take South Skagit highway to the Mill Creek crossing. Hike down Mill Creek for approximately 200m to the slough.

Area Overview :

A large slough that offers over 12,000 square meters of over-winter rearing; has good coho juvenile use; has a fair amount of spawning habitat but is subject to frequent heavy flooding.

Field Survey Information

Date : 01/15/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermitent Year-round

Estimated Flows (cfs): Lower end: 4
Upper end:

Water Temperature(C): Lower end: 2.7
Upper end: 2.2

Receiving Water Temperature (C): 1.6

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 15m Ponds: Wetlands:

Depths: Channel: 1m Ponds: Wetlands:

Total length (includes ponds and wetlands): 961m

Total existing habitat area (est. m2): 12,356

Spawning area: Mainstem: 24 Tribs: Total:

Impounded area: Mainstem: 12,132 Tribs: Total:

Other rearing area: Mainstem: 200 Tribs: Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Exellent

Describe spawning habitat: The first 50m has most of the spawning habitat and there is a gravel patch just above the beaver dam as well as a few patches at the upper end of the site. Gravel size is 1" - 4"; there is a fair amount of wooded debris for cover; and there appears to be plenty of depth for spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This slough has some good structure along the edges with canary grass and spike-tail rush but through the middle it appears to be kept fairly clean from the frequent flooding. As the slough necks down at the upper end there is more structure present in the middle from brush, canary grass and scattered woody debris.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: During flood events, the river comes over into the slough at the head end and at a flood channel at 788m. There are good amounts of debris scattered about the upper end of this slough as evidence of frequent flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Mill Creek flows past the mouth of this site creating a backwater area at the entry which allows easy access for both adults and juveniles.

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

Describe: Although I did not see any juveniles during survey (slough was mostly frozen over), others have reported seeing 0 coho's throughout the slough. (Chris Byrnes, 1989) There was also a redd on the upper side of the beaver dam that was probably coho.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: System does provide access and is probably used by both resident and anadromous trout.

ENHANCEMENT OPPORTUNITIES: None

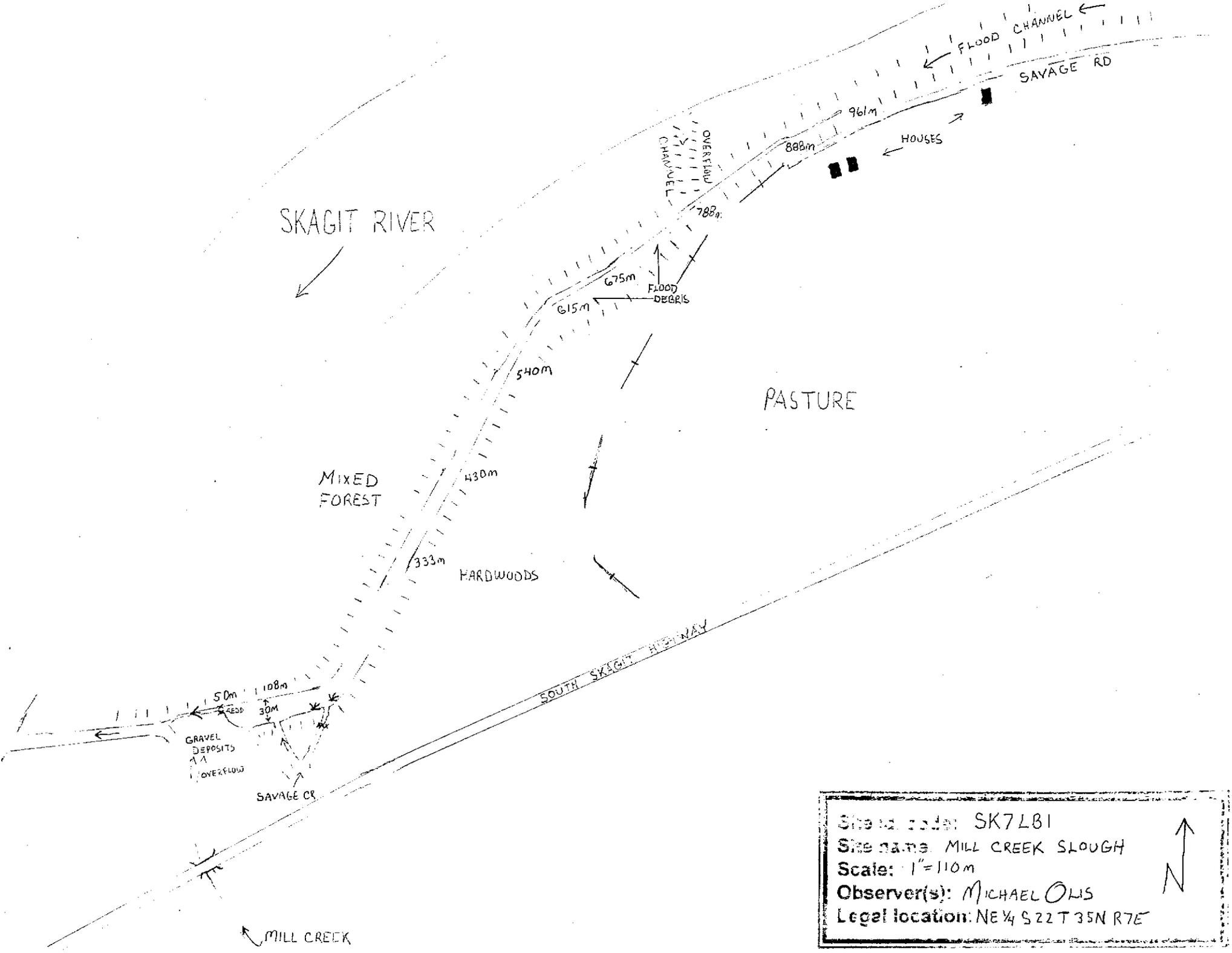
Project type:

Equipment access:

ADDITIONAL COMMENTS At the lower end of this slough, just above the beaver dam, Savage Creek flows into it. So this slough probably gets used by juveniles migrating from the Savage Creek system as well as ones from the Skagit and Mill Creek.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



SKAGIT RIVER

FLOOD CHANNEL ←
SAVAGE RD

961m

888m

HOUSES →

OVERFLOW CHANNEL

788m

FLOOD DEBRIS

675m

615m

540m

PASTURE

MIXED FOREST

430m

HARDWOODS

333m

SOUTH SKAGIT HIGHWAY

50m

108m

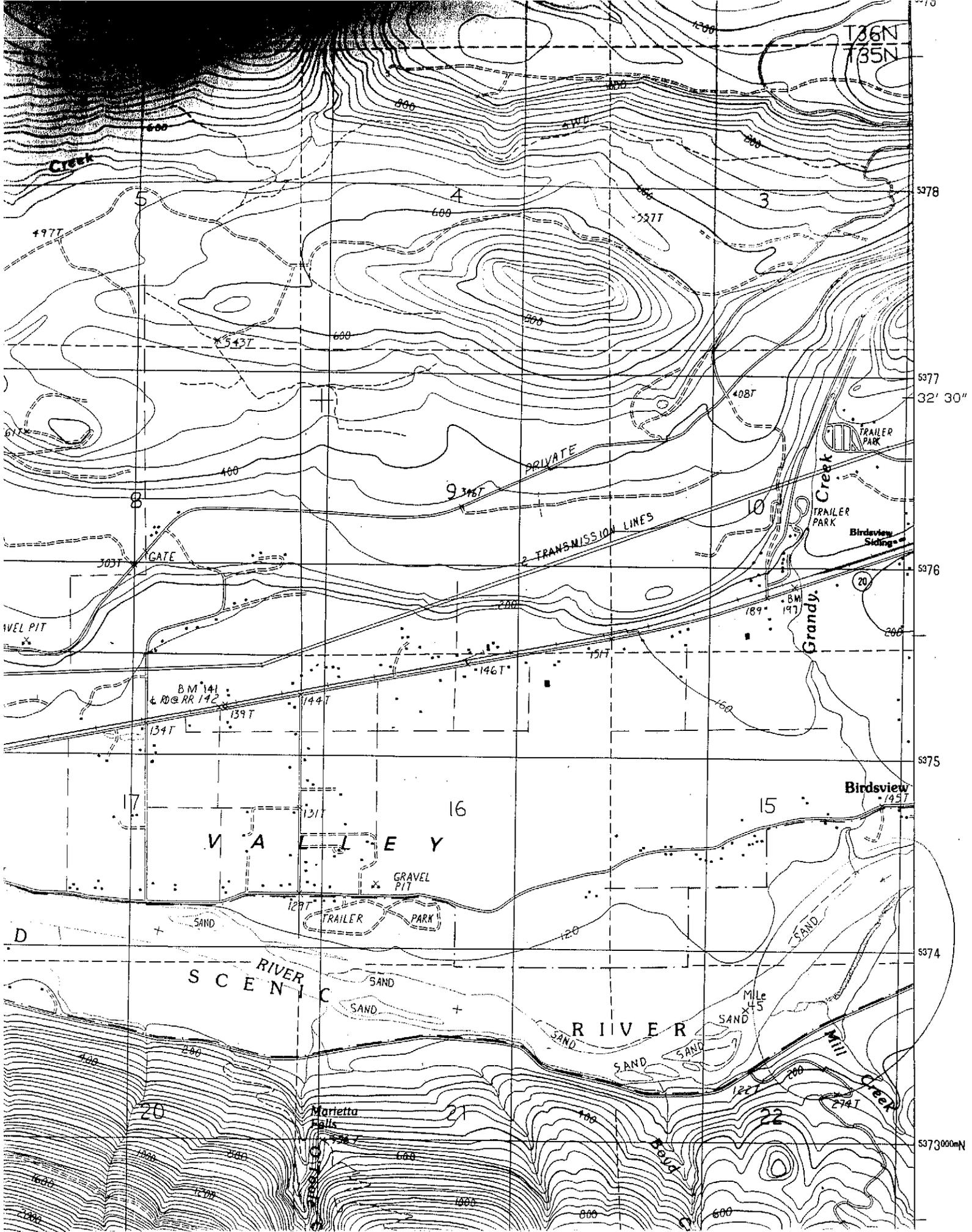
GRAVEL DEPOSITS
OVERFLOW

SAVAGE CR

MILL CREEK

Site code: SK7LBI
 Site name: MILL CREEK SLOUGH
 Scale: 1"=110m
 Observer(s): MICHAEL OLIS
 Legal location: NE ¼ S22 T35N R7E



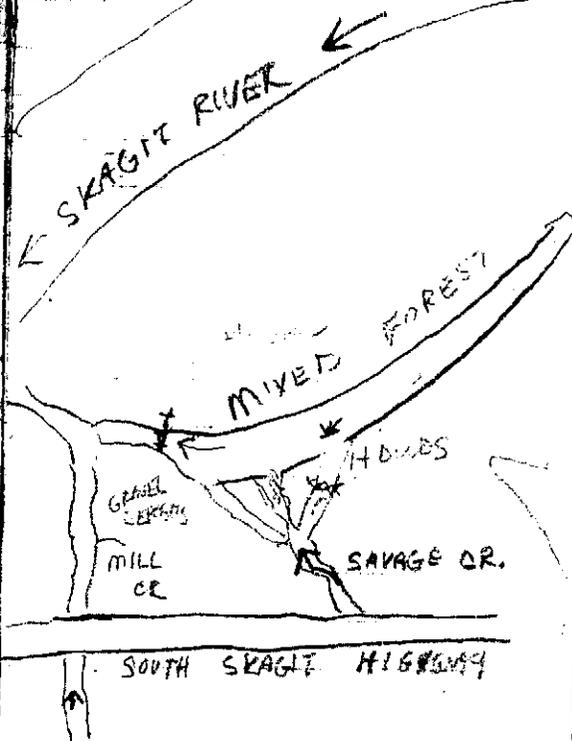


SK7LB1

RM 45

NE 1/4 S22T35NR7E

15 JAN 97



0.0 ENTRY

FLOW - 4CFS
STEM TEMP - 37°
REL WTR TEMP - 35°

50m WW 4m (50/50-P/R)

- SILT GRAVEL MIX
- 8 m² SP HAB - LOTS OF DEBRIS
- 1"-4" GRAVEL
- @ 6m BVR DAM
- PASSABLE

108m WW 30m

SAVAGE CR CONFLUENCE
ON LB.

- SILTY, MUCKY SUBSTR
- 6m² SP HAB

160m WW 30m

- PART OF SOURCE CR.

OUTLET

- CANARY GRASS ON BANKS

333m WW 25m

- FROZEN OVER

430m WW 20m

540m WW 15m

615m WW 12m

- SOME ALDERS IN STANDING

WTR

+ LOTS OF DEBRIS ON BANKS

AND INTO WOODED AREA

FROM RECENT FLOOD EVENTS

675m WW 0m

788m WW 5m

- @ SMALL OVERFLOW

CHANNEL THE CUTS OVER
FROM RIVER DRY

- LOTS OF CANARY GRASS
AND BRUSH IN STANDING

WTR

888m WW 5m

961m WW 2m (SWALE CONT.
200m TO RIVER)

END OF WTR - TEMP 36°

COMMENTS

- VERY FLOODY, OTHERWISE
A NICE SLOUGH FOR OVER-LOW

REARING

- POSSIBLE REED JUST ABOVE
BYR DAM