

SITE INFORMATION

Site Identifier :	SA7RB7	Landowner Type :	Federal
Site Name :	Hyachuck Cr	Landowner Name :	USFS
WRIA :	03.0673X	Address :	
Region :	NS	Address2 :	
Trib to :	Sauk R	City :	
River Mile :	25.10	State :	
River System :	Sauk R	Zipcode :	
Legal Description :	NW1/4S31T32NR10E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	terrace tributary	East:	1,739,274.00
		North:	1,055,168.00

Directions :

Take the Mountain Loop highway out of Darrington for approximately 8 miles to the Forest Service 22 road on the left. Go down the FS 22 road for approximately 6.6 miles to end of road and spur on left. Take this spur for 0.4 miles to site.

Area Overview :

This intermittent, terrace trib has an excavated ground channel and an excavated pond (Forest Service projects). The main creek has logs anchored down with rebar approximately every 4m and gets good coho spawning use.

Field Survey Information

Date : 4/4/96 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: () Spring () Groundwater (X) Surface runoff

Flow: (X) Intermittent () Year-round

Estimated Flows (cfs): Lower end: 0.75
Upper end:

Water Temperature(C): Lower end: 5.5
Upper end: 5.5

Receiving Water Temperature (C): 5.5

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination

Widths: Channel: 3 Ponds: 25 Wetlands:

Depths: Channel: 15 Ponds: 3 Wetlands:

Total length (includes ponds and wetlands): 1588

Total existing habitat area (est. m2): 6527

Spawning area:	Mainstem: 2088	Tribs:	Total:
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Impounded area:	Mainstem:	Tribs:	Total:
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Other rearing area:	Mainstem: 6,527	Tribs:	Total:
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Unaccessible habitat:	Mainstem: 5,740	Tribs:	Total:
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Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: There is a good amounts of 2" to 4" gravel present and, in some cases, the anchored logs create nice pockets for the coho to spawn in. This stream gets good spawning use.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The excavated channel has good structure and cover, but does not seem to get much rearing use. It's possible that water temperatures may be too cool in the winter and too warm in the summer.

Describe inaccessible habitat: The excavated pond was isolated from the creek on day of the survey. The channel to the pond seemed to be plugged with gravel from the creek, creating a barrier. The pond seemed fairly deep with good structure on the bottom, but water temperatures are too warm in the summer for rearing use. It is unclear if this pond offers any over-winter rearing because of its access problems.

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site seems to be protected from flooding as it is on a high bench. It was not affected by the Nov. 95 flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy pool at the entry but there is also a small cascades at the mouth during low to moderate flows.

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

Describe: Stream gets good numbers of adults spawning in it.

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

Describe: Several 10"-12" trout were observed in pond on day of survey.

ENHANCEMENT OPPORTUNITIES

Project type:

Equipment access:

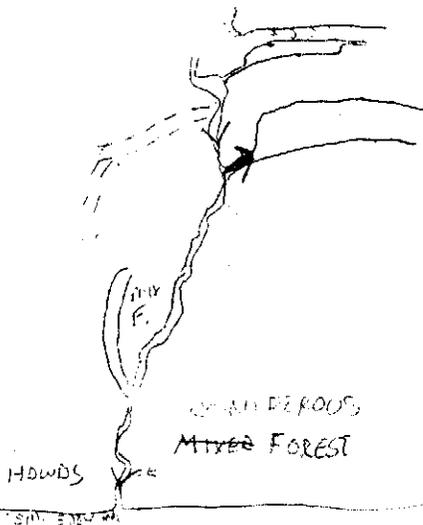
ADDITIONAL COMMENTS The spawner surveys for this creek are listed under WRIA 03.1110 which is the wrong number. 03.1110 is upriver approximately 0.5 miles from Hyachuck creek on the right bank.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

APRIL 96

HYACHUK



SA7RB7

RM 25.1

NW $\frac{1}{4}$ S31 T32N R10E



O.O. ENTRY:

- FLOW - .75,
- REC WTR TEMP - 42°
- STRM TEMP - 42°
- SMALL EDDY POOL PR. @ ENTRY & SMALL CASCADES DURING LOW FLOWS.
- 79m WW 3.5 m
- HD/60 - 5'R
- MANY OT SALMON FR. OBSERVED
- 10m² SP HAB.
- LOGS ANCHORED IN STREAM EVERY 4m OR SO
- SUBSTRATE GRAVEL & F. GRAVEL MIX - (W/MORE ROCKS & COBBLE @ ENTRY)

79m...

- GOOD COVER BERRIES & ALDER
- @ SMALL STRM ON LB
157m WW 4m
- 50/50 P/R
- @ MOUTH OF EXCAVATED CHANNEL ON RB
- 25m² SP. HAB.
273m WW 3m
- 40/60 P/R
- SUBSTR. MORE BOULDERY & SAND MIX
- 12m² SP. HAB.
- TRILT SEEN (3')
- 632m WW 3m
- SP. HAB. 35m²
- NO FRY SEEN

532... - SUBSTR. VARIES FROM LARGE GRAVEL TO SAND.

- 50/50 P/R
- 657m - WW 5m
- AREA OF BRAIDED CHANNEL
- 40/60 P/R
- @ ENTRY TO SLOUGH ON LB
- WATER FLOWING INTO SLOUGH FROM CREEK
- 678m WW 5m
- BRAIDED CHANNEL ENDS AND SHORT ^{BERM ON} CHANNEL REYS
- RIBS BEGNS.

678m... 6m² SP HAB.

711m WW 3m 50/50 P/A

CORRECT

- @ ROAD - BERM EVAS
- @ CHANNEL TO EXC POOL ON LB. FIRST E. OF CHANNEL IS DK:

788m WW 4m RIFF

- BOULDERY SUBSTRATE
- @ BOTTOM OF CASCADES PROBABLE END OF COHO MIGRATION! - 4" DR. TILE RUNS ALONG CR.

WTR TEMP 42°

EXC. BAND @ 711m

- REZEYS -

EXC. BAND WW 25m

- @ 93m OPENING IN BERM AND LID FOR SOME KIND OF WATER LEAKAGE OVER FLOW

215m END OF POUD

- WW 25m

235m WW 5m

@ 5m BVR DAM

260m WW 5m POOL

- SMALL AMOUNTS OF WTR PARSLAY PRESENT,

290m END OF WTR

WW 3m GOOD STRUCTURE

WTR TEMP - 52°

- NO SPAWNING HAB
- BVR ACTIV. @ UPPER END OF POUD

POND... A FEW 6" -
 8' FISH SEEN @ HEAD
 OF POND (PRAIRIE TYP)
 - HORSETAIL & ALDER ON
 BANKS
 - ENTRY TO POND 5
 25M X 2M - AND THE
 FIRST 10M IS CHOKED
 OF W/ GRAVEL FROM
 STAM., ISOLATING POND.
 - ANOTHER SECTION OF 4"
 DRAW TILE @ EDGE OF
 POND & RUNS BACK TO
 THE CREEK.
 WATER APPEARS TO BE
 @ LEAST 3M DEEP

BACK TO ~~POOL~~ @ 65 AM
 - RETRIEVE CLK FROM
 SHED
 6M WW 4M POOL
 - SAND SUBSTR.
 130M WW 15M POOL < 15M
10M
 - SUBSTRATE IS ORGANIC
 & FIRM ENOUGH TO WALK ON
 - SMALL ALDERS ON RB
 - LARGE CONIFERS ON LB
 - HAS APPEARANCE OF
 DRYING UP IN SUMMER
 220M WW 8M POOL
 255M WW 5M "
 271M WW 2M "
 - END OF WTR.
 - WTR TEMP - 43.5°

BACK TO MOUTH OF
EXC. CHANNEL @ 157M.

- REZERO -

106M WW 2M POOL

- 1M DEEP IN PLACES

- COARSE SAND ON
FLOOR

- SUBSTR. LOOKS MUCKY & IS
COVERED W/ GREEN ALGAE

- @ CULVERT AND ROAD.

- LOTS OF STRUCTURE

PLACED IN CHAN.

- ALDER PLANTED ON
BANKS.

202M WW 6M POOL

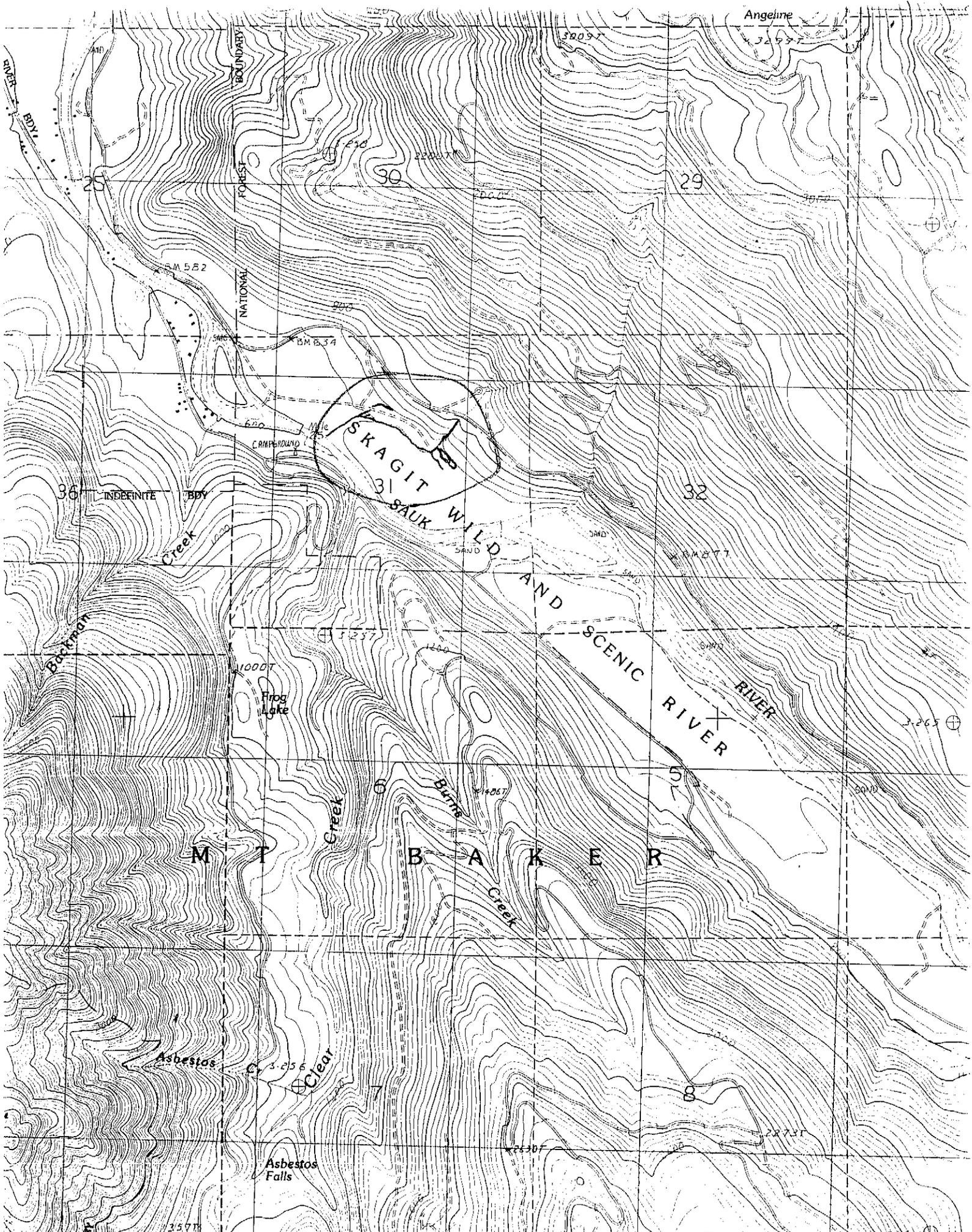
239M END OF EXC. CH.

- WW 4M POOL

- WATER SEEMS TO
TRICKLE OUT OF WALL
@ END OF CH.

- WTR TEMP. 42°

- UNSURE IF THERE IS
SPREADING GRAVEL BE-
CAUSE OF ALGAE
GROWTH



SKAGIT
SAUK WILD AND SCENIC RIVER

M T B A K E R

Asbestos

Asbestos Falls

Clear

Burm

Frog Lake

Creek

RIVER

BOUNDARY
FOREST
NATIONAL

INDEFINITE BDY

BM 582

BM 534

CAMPGROUND

30097

32937

30

29

36

32

3265

11067

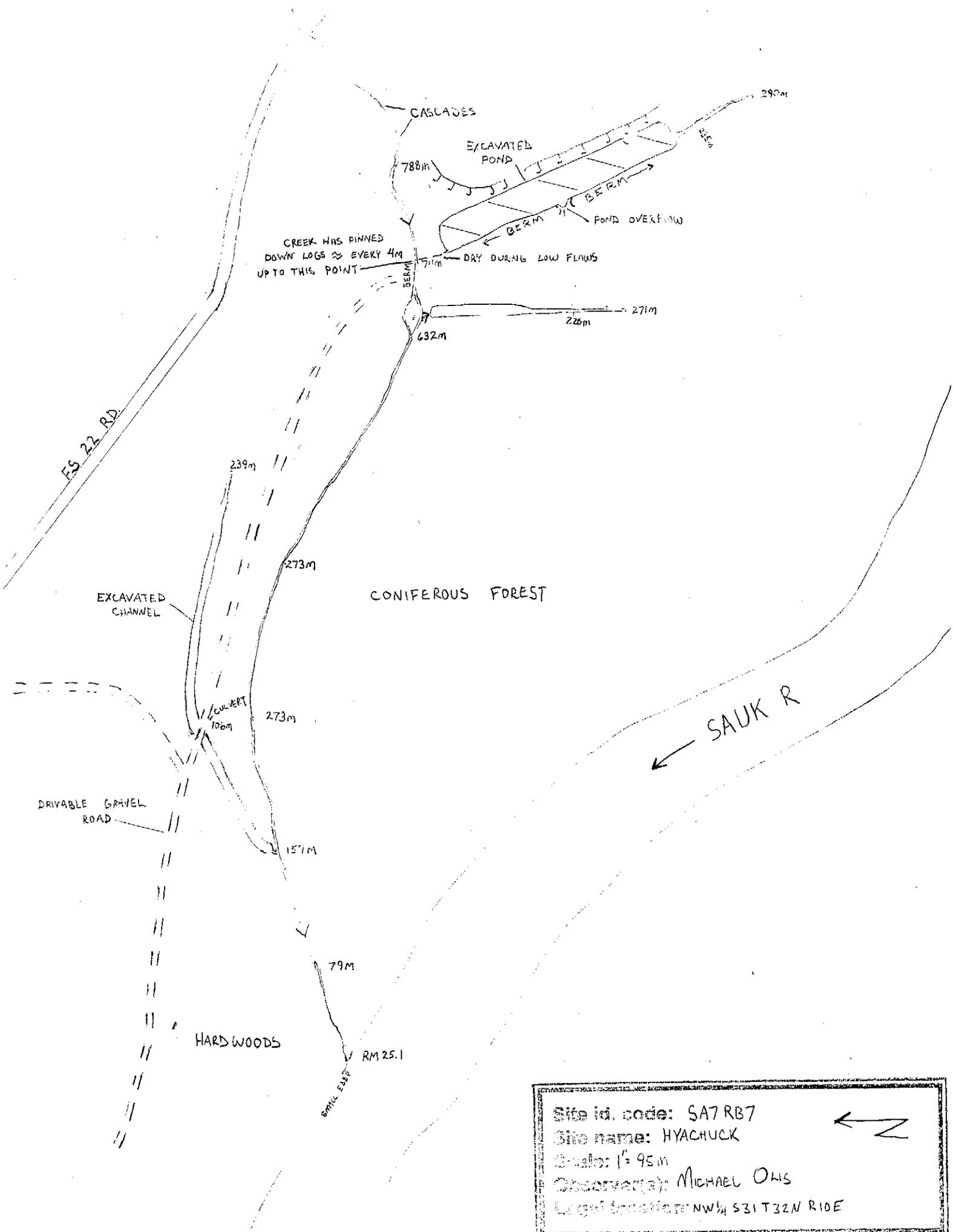
10007

3577

22307

22727

22007



CREEK HAS PINNED
DOWN LOGS AS EVERY 4M
UP TO THIS POINT

CASCADES

EXCAVATED
POND

290m

788m

BERM

POND OVERFLOW

71m

DRY DURING LOW FLOWS

226m

271m

632m

ES 22 RD

239m

273m

CONIFEROUS FOREST

EXCAVATED
CHANNEL

SAUK R

EXHAUST
100m

273m

DRIVABLE GRAVEL
ROAD

157m

79m

HARDWOODS

RM 25.1

SMALL EASY

Site id. code: SA7RB7
 Site name: HYACHUCK
 Scale: 1" = 95m
 Observer(s): MICHAEL OLIS
 UTM coordinates: NW4 531 T32N R10E

