

**SITE INFORMATION**

<b>Site Identifier :</b>	SK13LB2	<b>Landowner Type :</b>	Private
<b>Site Name :</b>		<b>Landowner Name :</b>	Crown Pacific
<b>WRIA :</b>	03.1340B	<b>Address :</b>	
<b>Region :</b>	NS	<b>Address2 :</b>	
<b>Trib to :</b>	03.1340	<b>City :</b>	
<b>River Mile :</b>	2.10	<b>State :</b>	
<b>River System :</b>	Skagit R	<b>Zipcode :</b>	
<b>Legal Description :</b>	SW1/4S31T35NR10E	<b>Phone :</b>	
<b>County :</b>	Skagit	<b>Coordinates</b>	
<b>Habitat Type :</b>	slough	<b>East:</b>	1,745,005.42 <b>North:</b> 1,148,958.00

**Directions :**

Follow highway 20 to Rockport, take a left on 530, take a right on Rockport-Cascade highway. Take the Martin ranch road left about 2 miles ahead, this road crosses the creek near the slough outlet.

**Area Overview :**

This is a seasonal percolation channel that fills up in the winter and outflows into a creek-like outlet channel into Lucas slough. Chum and coho adult use is exceptional especially in the old river channel section above the Martin road.

**Field Survey Information**

**Date :** 12/12/94      **Observer :** Barkdull      **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**                       Spring               Groundwater               Surface runoff

**Flow:**                                       Intermittent       Year-round

**Estimated Flows (cfs):**              Lower end:4  
Upper end:0

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

**Receiving Water Temperature (C):**

**Other Observations:**

**Site Area Measurements:**               Indirect               Direct               Combination  
Widths: Channel:4                      Ponds: 20              Wetlands:  
Depths: Channel:0.1                      Ponds:0.4                      Wetlands:  
Total length (includes ponds and wetlands): 1494

**Total existing habitat area (est. m2):** 16950

<b>Spawning area:</b>	Mainstem:1000	<b>Tribs:</b>	<b>Total:</b>
<b>Impounded area:</b>	Mainstem: 15639	<b>Tribs:</b>	<b>Total:15639</b>
<b>Other rearing area:</b>	Mainstem:1311	<b>Tribs:</b>	<b>Total:1311</b>
<b>Unaccessible habitat:</b>	Mainstem:	<b>Tribs:</b>	<b>Total:</b>

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: Very good gravel in slough above Martin ranch road, patch gravel below. There are nice patches of gravel which get good adult use generally late in the year after the system gets well watered up.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The upper 0.5 miles above the Martin road does not exactly fit the definition of a slough but is very obviously in an old river swale which widens out and is low gradient. Percolation flow is the main water source, with some wallbase seep, and on occasion surface flow. The section below the road is creek like but does not have much spawning habitat, mainly sand and hardpan. Good instream cover throughout with a hardwood canopy.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: Site is well above the river.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe:

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

Describe: Adult use is exceptional, especially in the old river channel section above Martin Road.

Other species acces and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Adult chum use is exceptional. Steelhead have also been observed spawning

ENHANCEMENT OPPORTUNITIES: The culverts under the Martin Road are undersized and pose a slight passage problem.

Project type: Culvert replacement

Equipment access: Good

ADDITIONAL COMMENTS: Flows are generally very controlled in this system during the winter. This site goes dry in summer and considerable fry losses can occur.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

LB2  
SITE IDENTIFIER:SK13~~LB5~~  
LOCAL NAME:1340B

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

RIVER:Skagit                      SURVEY DATE:12/12/94                      OBSERVER:B. Barkdull

WRIA:03.1340B                      RIVER MILE/BANK LOCATION:LB 2.1 to 03.1340

LEGAL LOCATION DESCRIPTION: 1/4 SECTION SW SEC.31 T.35N R.10E

CHANNEL TYPE: Slough and stream

	RIVER	LOW END	UPPER END	O T H E R LOCATIONS
WATER TEMP:		48 f		

FLOW (CFS):

WATER QUALITY:                      Appears good

SUBSTRATE TYPE/SPAWNING GRAVEL ABUNDANCE & CONDITION:  
Very good gravel in slough above Martin ranch road, patch gravel below

COVER/LOD:Very good throughout

SITE DIMENSIONS:                      LENGTH:1470 Meters

WIDTH-WETTED:2-30 meters  
TOTAL WETTED AREA:16,950

DEPTH:up to 4'

WATER SOURCE:River perc? and surface flow

FISH ACCESS/BLOCKAGES/CURRENT USE (BOTH ADULTS & JUV.):  
Provides adult spawning and over-wintering habitat for juveniles

LANDOWNER:Crown Pacific

CHANNEL ENTRANCE CONDITIONS:good

FACTORS LIMITING PRODUCTION:  
Is dry in summer, considerable mortality due to stranding occurs.

SITE IDENTIFIER:SK13LB5  
LOCAL NAME:1340B

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NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

UP-OUTMIGRANT TRAPPING CAPABILITY/OPPORTUNITY/DIFFICULTIES:  
Would be possible

BEAVER ACTIVITY:None

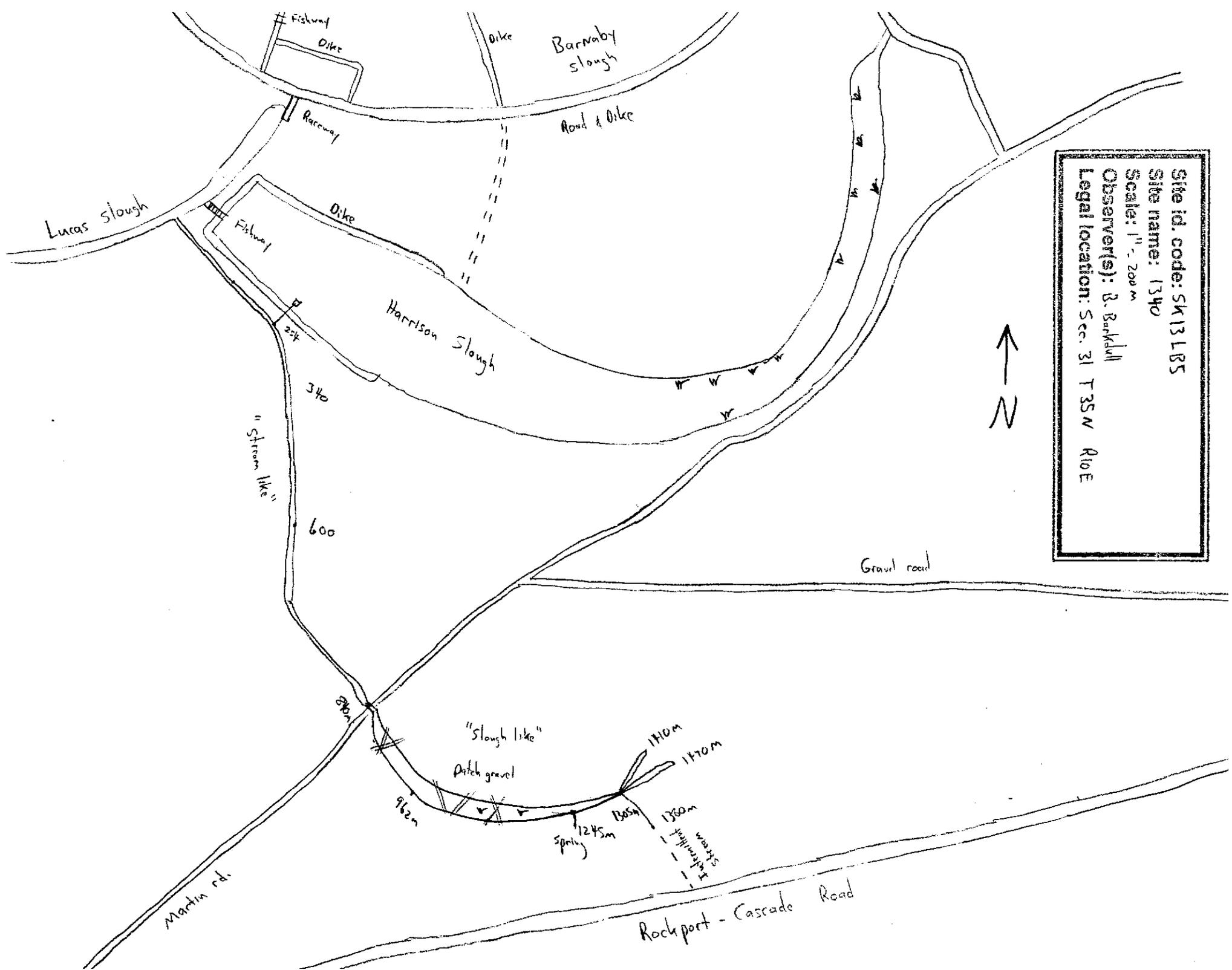
HEAVY EQUIPMENT ACCESS:Good, via skid roads throughout intensively  
managed tree farm.

DIRECTIONS TO SITE:

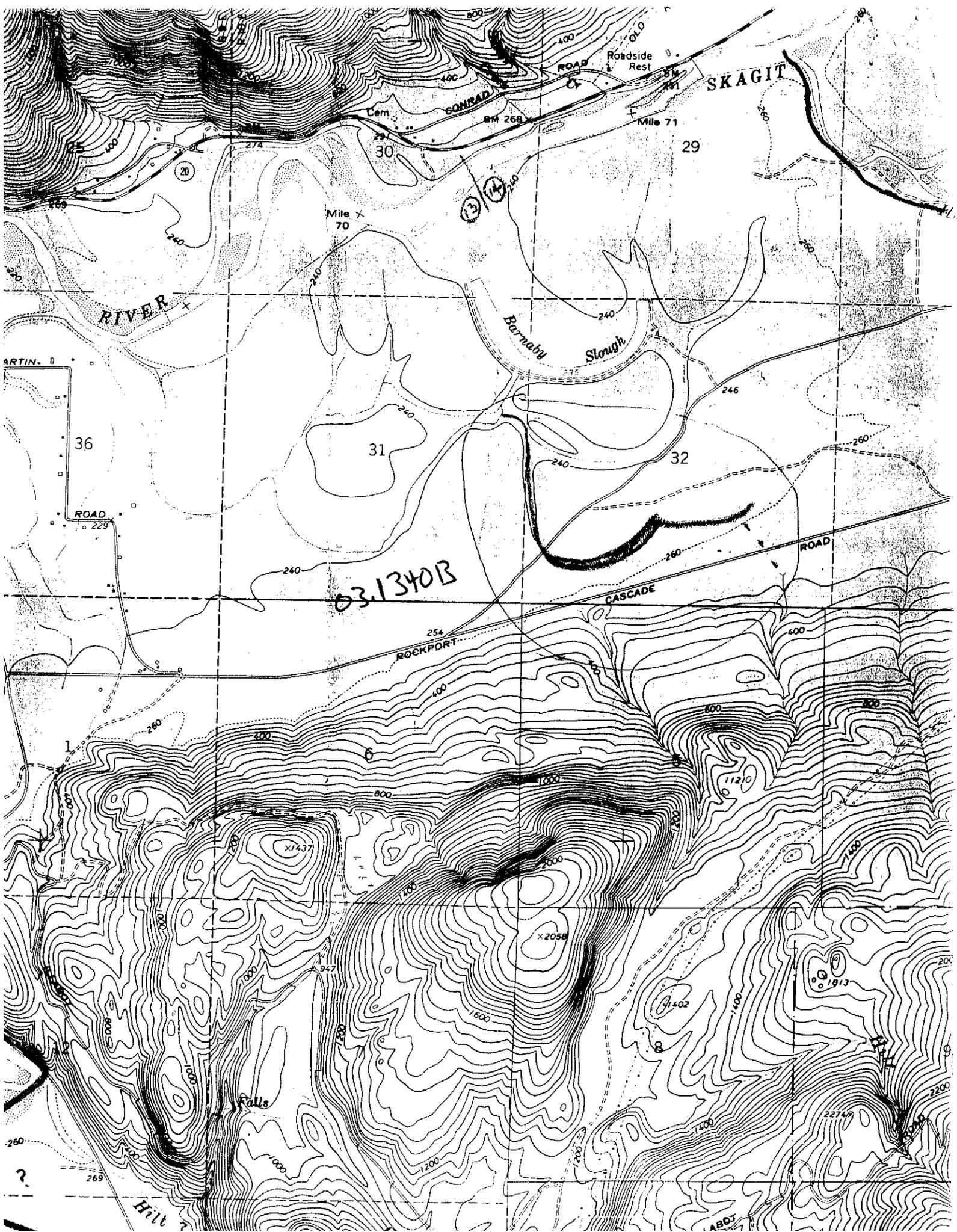
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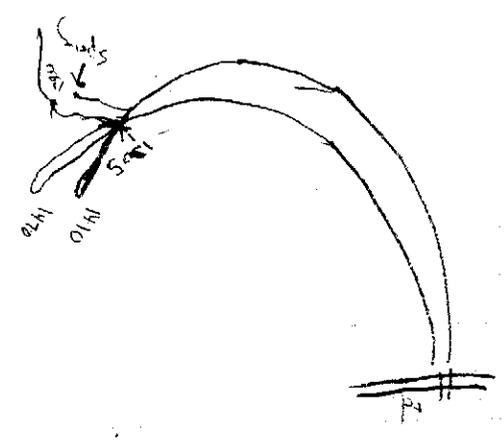


Site id. code: SK13LBS  
 Site name: 1340  
 Scale: 1" = 200m  
 Observer(s): B. Barkhill  
 Legal location: Sec. 31 T35N R10E

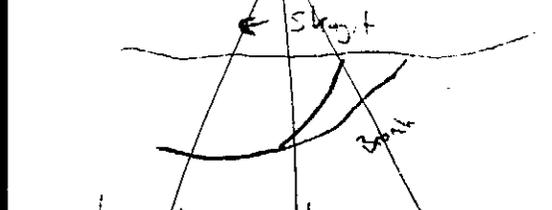


423.6  
 144.5  
 300.8  
 211.0

5/11/21 pop h



12/13/94 "13404" Branch L<sup>4</sup>  
 8 live cho, 3 morts  
 6m wide on ave.  
 Right Branch 37 chum live 60 morts  
 4 live live 3 morts  
 Main Branch chum 43 live 37 morts  
 cho 0 live, 2 morts



12/13/94 Lucas Slough.  
 First corner at trap to Barnaby  
 76 live chum, 60 morts  
 4 live cho

1340 B. Stream Survey  
 70.7m 6m wid  
 99.6 5m stream/ter?  
 150 2m  
 254 4m Filling out  
 340 ave width 5m "slough like"  
 600 ave width 6m "slough like"  
 840 ave width 11m "slough like"  
 at culvert  
 860 ave width 20m "slough like"  
 962 ave width 30m  
 1040 ave width 25m  
 1245 ave width 20m at creek  
 1305 ave width 10m mouth  
 1380 up reach 3m  
 1470 up slough width 20m  
 1494 rest at end. Dry above this.