

1140' (348 m)  
 175' (50 m)  
 Width 6'  
 20% boulder  
 40% cobble  
 40% gravel  
 0% ASA

Gradient 4°  
 Bearing 35°  
 965' (295 m)  
 300' (92 m)  
 Width 4'  
 Cobble 20%  
 Gravel 80%  
 p/r 5/95  
 ASA 80%

Gradient 3°  
 Bearing 205°  
 665' (203 m)  
 515' (157 m)  
 Width 6'  
 10% cobble  
 85% gravel  
 5% boulder  
 p/r 10/90  
 Small pools  
 ASA 80%, good  
 Gravel moderate compactness  
 Rearing poor

Gradient 3°  
 Bearing 25°

150' (46 m)  
 ITZ  
 150' (46 m)  
 No ITZ spawning  
 Algae and fucus covered channel  
 Identical stream 200 yards south

Channel 12'  
 20° 100'+  
 40° 20'  
 1'-6' cascades  
 throughout

Beginning of  
 clearcut on left  
 bank only

Swirling  
 pool  
 P = 4'x 5'x 2'  
 2' cascade  
 100'+  
 5°  
 2' undercut

Logging road and bridge

Undercut  
 Salmonberry  
 100'  
 5°  
 Undercut

Gravel bar  
 Skunk cabbage  
 Undercut

Salmonberry overhang

2 pink salmon bones  
 Old channel

Steep stream through  
 clearcut area above  
 Clearcut both  
 sides of stream

100'+ 30'  
 8' 90°

Salmonberry

9' channel

100'+  
 10°

2' undercut

6' channel

7' channel

Skunk cabbage

Devil's club

60'  
 Bearing 200°  
 Stream appears to  
 be flashy

5°

No rearing  
 fish noted

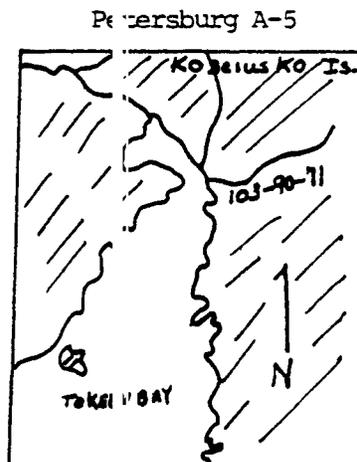
185'



103-9-10710  
 103-90-071  
 6/4/79 11:45  
 Weather: rain  
 Tide: receding  
 Air: 10°F  
 Water: 46°F  
 pH: 7.5, clear  
 Flow: 5cfs, normal

Cedar, hemlock forest

ASA Spawning Area  
 515'x 6'x 80% = 227 m<sup>2</sup>  
 300'x 4'x 80% = 88 m<sup>2</sup>



103-90-10710

Name: \_\_\_\_\_  
Latitude: 56 02 02 N 03"  
Longitude: 133 22 30 W 24'  
Geodetic Map No: Petersburg A-5  
Location: Near head of Tokeen Bay  
on east side - Kosciusko Island  
Catalog No: 103-90-071  
Former Stream No: FRI #28B  
Work Area: Ketchikan  
Watershed Length: 0.6 miles  
Drainage Area: 0.44 square miles  
Water Supply Type: Surface runoff

Trails & Survey Routes: Moderately difficult walking in stream.

Aerial Survey Notes: Small stream with moderate canopy.

Anchorage: Tokeen Bay 0.5 miles east from north point, 14-16 fathoms, midchannel

Tide Stage when Surveyed: Receding tide

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):  
Historically pink and chum salmon have utilized the stream.

ASA spawning area = 315 m<sup>2</sup>  
Schooling Areas: \_\_\_\_\_

Spawning Areas: No ITZ spawning; above ITZ to point 865' upstream good spawning conditions; beyond poor

SHELLFISH POTENTIAL: None noted.

SPORT FISHERIES: Potential limited by small size.

LAND USE (history, present, proposed): Bridge goes over stream; upstream banks clearcut

REHABILITATION POTENTIAL: \_\_\_\_\_

SOILS: Points of mass wasting and undercutting throughout.

GAME RESOURCES (species, use, habitat): None noted.

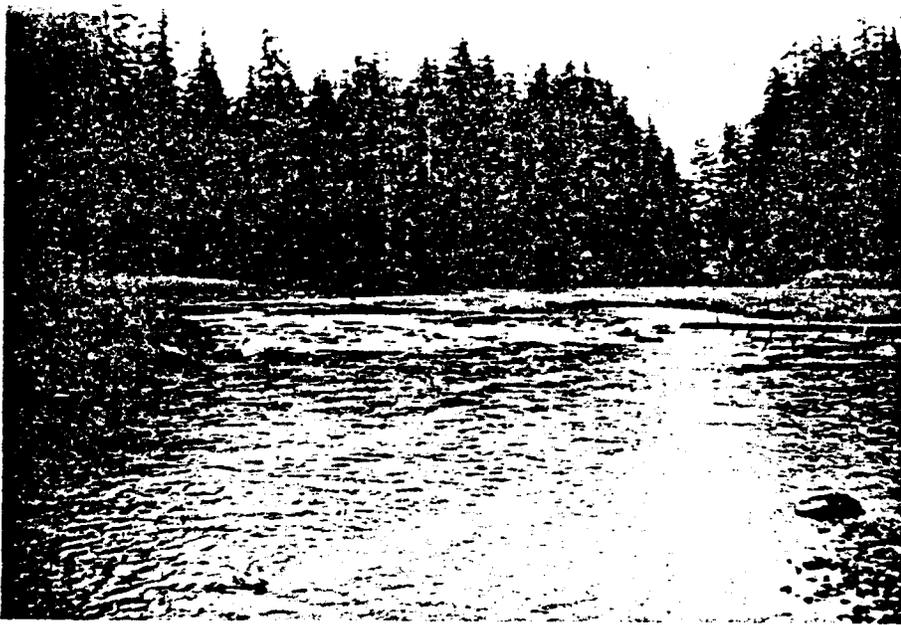
# PEAK ESCAPEMENT RECORD

103-90-71

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9/13/56	62	73		1,000 pinks at mouth. 1,500 dogs at mouth.
8/28/78	26,003			
8/17/79	800			
8/20/80	10,003			

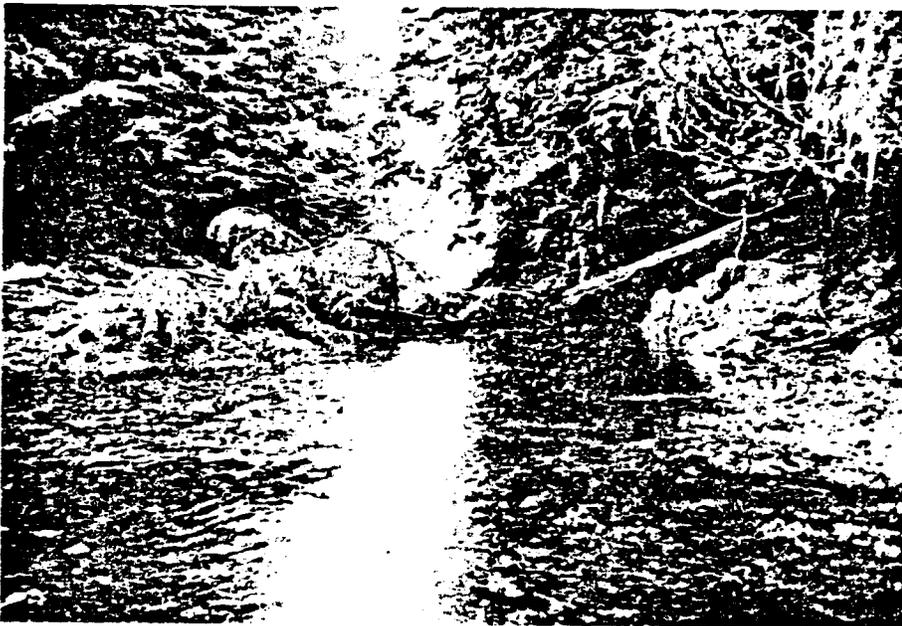
103-90-072

Upper ITZ



103-90-072

Obstacle near mouth



103-90-072

Downstream over  
massive windthrow

