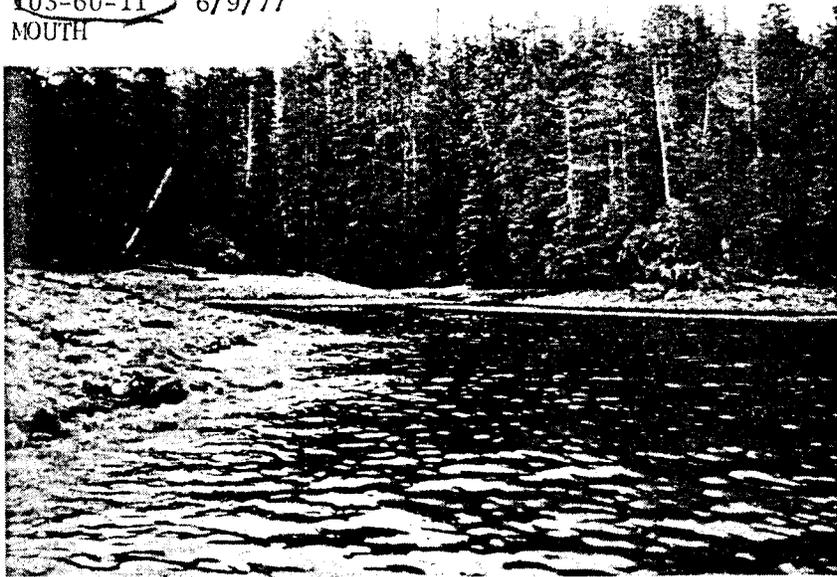


103-60-11  
03-60-11 6/9/77  
MOUTH



103-60-11 6/9/77  
ITZ

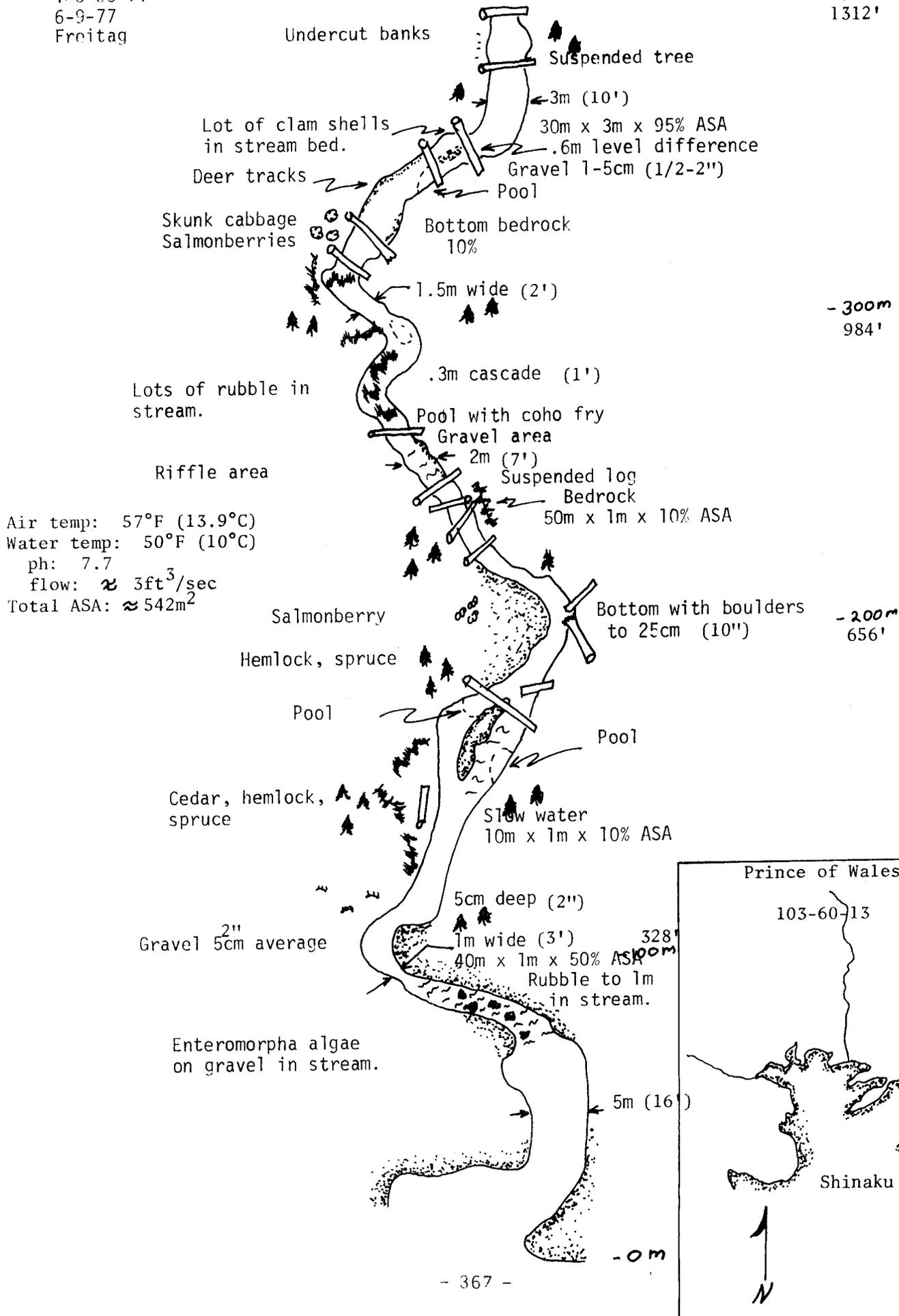


103-60-11 6/9/77



103-60-11  
 6-9-77  
 Freitag

- 400 m  
 1312'



Skunk cabbage  
 Salmonberries

Lots of rubble in stream.

Riffle area

Air temp: 57°F (13.9°C)  
 Water temp: 50°F (10°C)  
 ph: 7.7  
 flow:  $\approx 3\text{ft}^3/\text{sec}$   
 Total ASA:  $\approx 542\text{m}^2$

Salmonberry  
 Hemlock, spruce

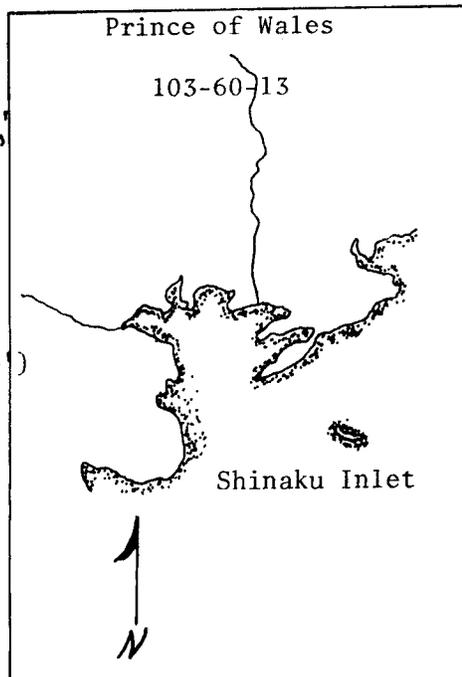
Cedar, hemlock, spruce

Gravel 5cm average

Enteromorpha algae on gravel in stream.

- 300m  
 984'

- 200m  
 656'



Name: Shinaku Inlet (northside)  
Latitude: 55 36 ~~12~~ 11"  
Longitude: 133 09 ~~31~~ 43"  
Geodetic Map No: Craig C4-28  
Location: .6 miles west of Shinaku Cr.  
North shore of Shinaku Inlet.

Catalog No: 103-60-11  
Former Stream No: \_\_\_\_\_  
Work Area: Ketchikan  
Watershed Length: 1.8 miles  
Drainage Area: 1.5 sq. miles  
Water Supply Type: Watershed drainage.

Trails & Survey Routes: Easy walking up stream.

Aerial Survey Notes: Upper part of stream is somewhat open and tree coverage is not great, aerial survey may be possible.

Anchorage: Offshore in Shinaku Inlet.

Tide Stage when Surveyed: 3/4 ebb

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):  
Pinks and chums (see escapement data). Some coho fry seen in stream.

Spawning area: 542 meters<sup>2</sup>  
Schooling Areas: In pools up stream and in areas of undercut banks.

Spawning Areas: Total of about 542m<sup>2</sup> ASA (see map)

SHELLFISH POTENTIAL: Seagrass offshore, crabs likely as well as evidence of a clam population seen in ITZ.

SPORT FISHERIES: None noted.

LAND USE (history, present, proposed): None

REHABILITATION POTENTIAL: None needed.

SOILS: Stable banks in most of stream.

GAME RESOURCES (species, use, habitat):  
Deer tracks seen in gravel and sand along survey route.