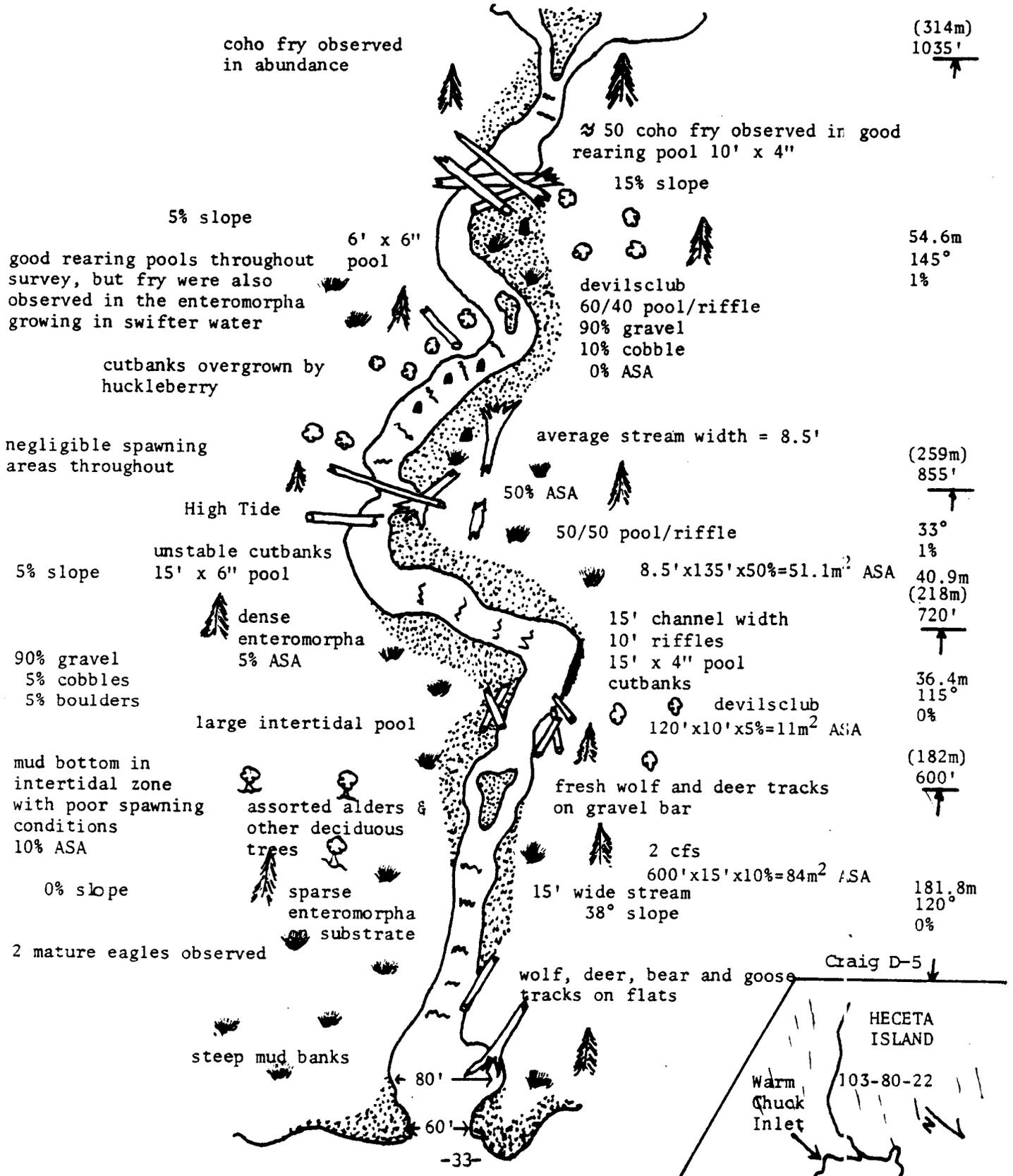


Weather: overcast  
 Tide: mid-high  
 Air: 52°F  
 Water: 50.5°F

103-80-10220  
 103-80-22  
 6/15/78  
 Berg



severe blowdown across channel;  
potential mass wasting site and  
barrier to salmon at low flows

(541m)  
1785'

bedrock continues  
into channel

mossy algae covered rocks

10' x 10" pool  
rearing fry observed

150' x 30% x 6' = 24.8m<sup>2</sup> ASA

45.5m  
169°  
3%

30% ASA  
60% gravel  
40% large cobbles

15° slope

exposed bedrock in small  
patches along survey

10' x 6" pool

steep 80° devilsclub and  
moss covered bank

20/80 pool/riffle

6' riffles  
8' channel width

large  
bedrock  
outcrop

pool

7' x 6" pool

bedrock  
20/80 pool/riffle

(495m)  
1635'

.120' x 6' x 40% = 26.4m<sup>2</sup> ASA

36.4m  
200°  
3%

20° slope

40° slope

10' x 11"  
pool  
unstable cutbanks

10 coho fry & 1 dead Dolly Varden in pool  
bedrock outcrop

50% sand } substrate covered  
30% gravel } with periphyton  
20% cobbles }

6' riffles

35

103-80-10220

Name: \_\_\_\_\_  
Latitude: 55°46'16"  
Longitude: 133°32'51" 4/6"  
Geodetic Map No: Craig D-5  
Location: W shore of Warm Chuck Inlet  
0.3 mi from head of West Arm

Catalog No: 103-80-22  
Former Stream No: \_\_\_\_\_  
Work Area: Ketchikan  
Watershed Length: 1.7 miles  
Drainage Area: 1.1 mi  
Water Supply Type: runoff from mountain

Trails & Survey Routes: easily walked on accessible portions, with a few  
blowdowns causing some difficulty

Aerial Survey Notes: exposed large intertidal area provides quality aerial  
surveying, but becomes difficult upstream due to densely forested banks

Anchorage: large tideflats extending for ≈ 1.5 miles into Warm Chuck Inlet  
prevent good anchorage in immediate vicinity; good at entrance to inlet  
Tide Stage when Surveyed: 1/2 flood

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):  
no recorded escapement data available; coho fry observed rearing in abundance;  
excellent rearing conditions to barrier falls were noted during survey; also  
scattered areas of good spawning habitat  
Spawning area: 1542m<sup>2</sup> (84m<sup>2</sup> in intertidal zone)  
Schooling Areas: two good pools observed in the intertidal zone

Spawning Areas: negligible in intertidal zone, but upstream has several large  
stretches of favorable spawning habitat

SHELLFISH POTENTIAL: clams and crabs inhabit the immediate tideflat

SPORT FISHERIES: Dolly Varden (4") were observed upstream

LAND USE (history, present, proposed): history unknown, but presently  
untouched and presumed to be in its natural condition

REHABILITATION POTENTIAL: none before falls, with exception to one windfall  
barrier 1785' upstream; some removal would enable migration at low flows

SOILS: unstable in intertidal zone, with stable densely vegetated banks prevailing  
upstream; some unstable banks with active erosion are also present

GAME RESOURCES (species, use, habitat): deer, wolf, bear and goose tracks  
around grass flats area; deer carcass below falls, a possible wolf attack; otter  
was also observed feeding in the stream channel