

103-90-10890

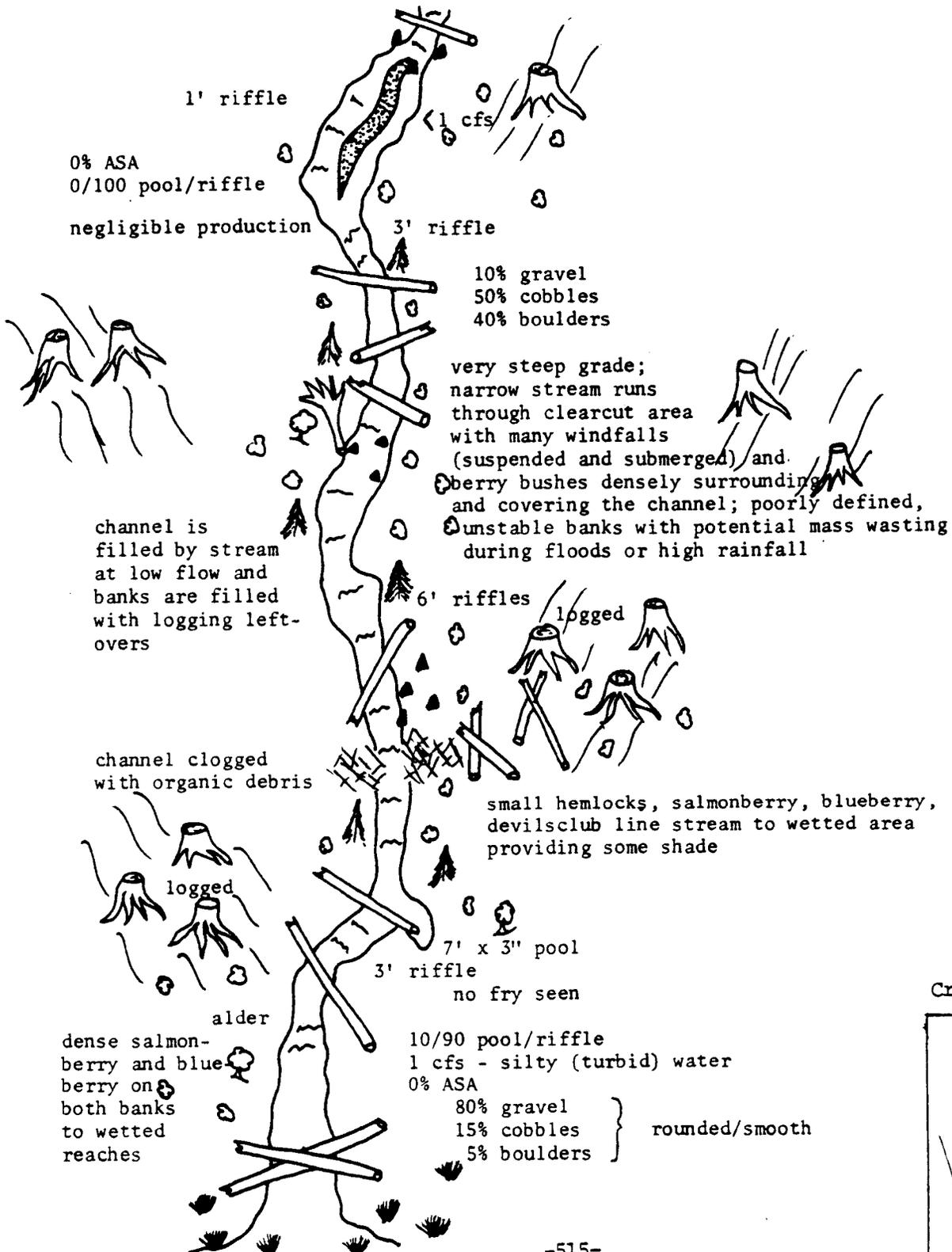
103-90-89

7-21-78

Berg

Weather: clear
Tide: high
Air: 75°F
Water: 65°F
7.5 pH

(59m)
195'

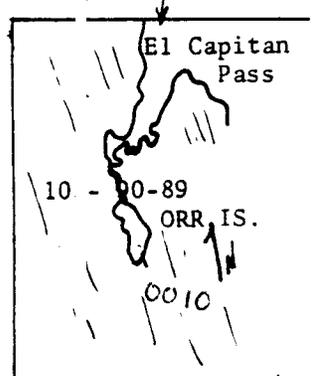


31.8m
135°
2%

(27m)
90'

27.3m
170°
1%

Crai; D-5



103-90-89

(150m)

435'

evergreens along banks are all young hemlock (10' - 30' high)

750' through swamp to lake; swamp covered with logging leftovers; much beaver activity near lake

10' x 2" pool

stream plugged up and full of debris, silt and fallen trees

12' x 1.5" pool

debris jam no fry seen

two unidentified adult geese seen in swamp; also sticklebacks were abundant in pools preceding lake outlet

6' channel and stream width

poor spawning facilities very little rearing facilities

dense green algae poorly shaded

stream, for most part, is at least partially shaded by young hemlock, blueberry, salmonberry and ferns

1' riffle

average 10' channel width

suspended log

substrate on banks infiltrated with lichen

50m

135°

1 1/2

substrate covered with dense brown algae

10% gravel
50% cobbles
40% boulders

(100m)

130'

8' x 3" pool

stream obscured by dense blueberry, salmonberry, devils-club, crows foot and young hemlock

windfall restricts flow to a trickle

40.9m

125°

1.5%

1 cfs

3' riffle

riffles: 1" - 3" deep

5' riffles

0% ASA
10/90 pool/riffle

4' riffles

103-90-10890

Name: _____
 Latitude: 55°55'44" 43"
 Longitude: 133°23'28" 24"
 Geodetic Map No: Craig D-5
 Location: East Orr Island, head of cove 1 mile W of the W tip of San Island, creek and lake
 Catalog No: 103-90-89
 Former Stream No: _____
 Work Area: Ketchikan
 Watershed Length: 0.4 mile
 Drainage Area: 0.1 mi
 Water Supply Type: source is a lake

Trails & Survey Routes: very difficult hike through logging debris and dense brush overhanging the narrow channel

Aerial Survey Notes: difficult because of thick overhanging brush and low debris

Anchorage: small bay off stream mouth in El Capitan Passage (see inset of detailed map)
 Tide Stage when Surveyed: high

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):
no escapement data on record; no salmon fry or bones observed; poor rearing quality, and spawning habitats were not observed

Spawning area: none available found during survey - stream size is limiting factor
 Schooling Areas: none in intertidal zone; good in bay off mouth of stream

Spawning Areas: negligible spawning habitat throughout stream

SHELLFISH POTENTIAL: small intertidal zone with negligible tide flat; possible crab production in small bay off mouth

SPORT FISHERIES: limited due to stream size and debris accumulations preventing much movement; beaver pond up to lake possibly produces cutthroat; sticklebacks were observed in swamp system preceding lake outlet

LAND USE (history, present, proposed): stream runs through an area of extensive logging, possibly cut in late 1950's/early 1960's; no fringe of trees along banks, as remaining timber has been blowdown

REHABILITATION POTENTIAL: due to size and composition of stream, rehabilitation is not feasible

SOILS: most immediate banks are grown over with dense berry brush, moss, ferns and devilclub, thus stabilizing soils; but some exposed areas are showing active mass wasting and high silt deposits in stream

GAME RESOURCES (species, use, habitat): two adult geese (species unknown) were observed in upper watershed; bear sign on old logging road

PEAK ESCAPEMENT RECORD

103-90-89

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
No recorded data				