

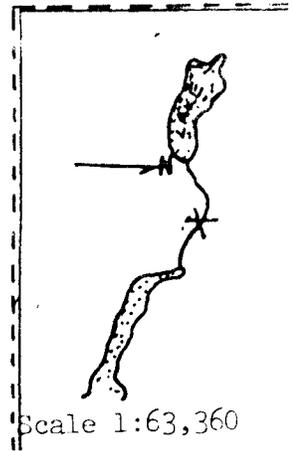
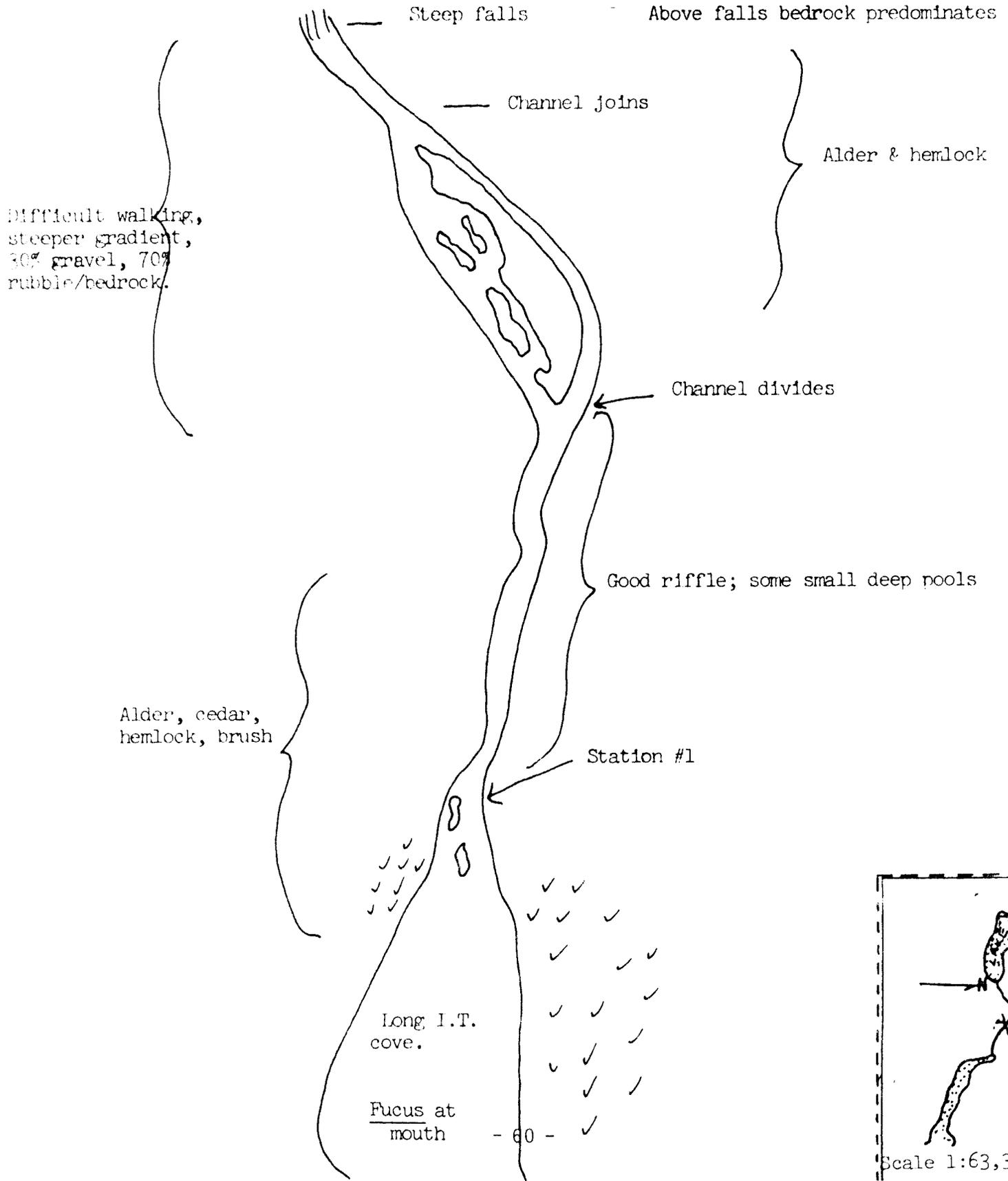
102-30-51

Frederick Creek

10-18-73 (also 9-2-73 and 9-26)

102-30-10510

Water levels very high on September dates, medium on 10-18-73. Visibility poor in September, good in October.



Name Frederick Creek Catalog No. 102-30-51  
 Latitude N 54° 59' 26" 40" WR No. 125  
 Longitude W 132° 16' 15" 17' 01" K No. 133  
 Geodetic Map No. Dixon Ent. D-1 Work Area Ketchikan  
 Location Moira Sound, W. Arm, No. Shore Watershed Length 4 miles  
 Drainage Area of Watershed 5.05 sq. miles  
 Water Supply Type Lake

Trips & Survey Routes Difficult walking to barrier.

Aerial Survey Notes Fair visibility at low flows especially at lower end of stream.

Anchorage Good for skiff within small cove.

Tide Stage When Surveyed Low, flooding.

FISHERY RESOURCES

Commercial Fisheries Pink and chum

Escapement 1973, 14,000

Available spawning area - 5,574 M<sup>2</sup>

Species Composition 10% chum, 90% pink

Timing Late

Schooling areas Good in cove, small pools upstream.

Shellfish Potential Fair clam habitat.

Sport Fisheries None known.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None required.

Soils Quite rocky, channel meanders; soils appear stable.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	100
	Number of droppings	0
Geese -----	Number seen on tide flats	12
	Number seen up creek	0
	Number of broods seen	0
Mallards ---	Number seen on tide flats	15
	Number seen up creek	8
	Number of broods seen	0
Mergansers -	Number of broods seen	10 birds at mouth
Bald Eagles-	Number seen along creek	0
	Number of nests seen and location	0
Seals -----	Number seen at mouth of stream	0
Tide flats -	Estimate length along beach	1/2 mile
	Estimate depth out from beach	50'
	Eel grass present on what percent of flats	10%

PEAK ESCAPEMENT RECORD

NAME: Frederick Creek

STREAM CATALOG NUMBER: 102-30-51

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 20, 1961		300		30 at mouth, most spawning, some schooled (A)
Aug. 16, 1962	N.O.			(A)
Oct. 6, 1963				Many dead (A)
Sept. 8, 1964	----100----			Vis. good. Stream very low (A)
Sept. 7, 1966	500			250 fish intertidally. Vis. fair looks good. (A)
Sept. 12, 1966		100		1,100 fish intertidally (H)
Sept. 18, 1967	50	2,250		Vis. good. Looks good: (F)
Sept. 16, 1969	500	300		400 fish intertidally, mostly chum. (F)
Aug. 26, 1970				2,000 fish intertidally. Jumps in bay. Vis poor. (A)
Oct. 6, 1971		550	8 coho	(F)
Sept. 18, 1971	5,800			1,000 carcasses. Vis. good (F)
Aug. 30, 1973	8,600	21,200		Vis. Fair (H)
Aug. 28, 1974				30 schools in cove (18,000 fish) Vis. Excellent (A)
Sept. 10, 1974	6,000			Vis. fair in stream, poor at mouth (A)
Sept. 18, 1974		1,000		1,000 dead, vis. poor (A)