

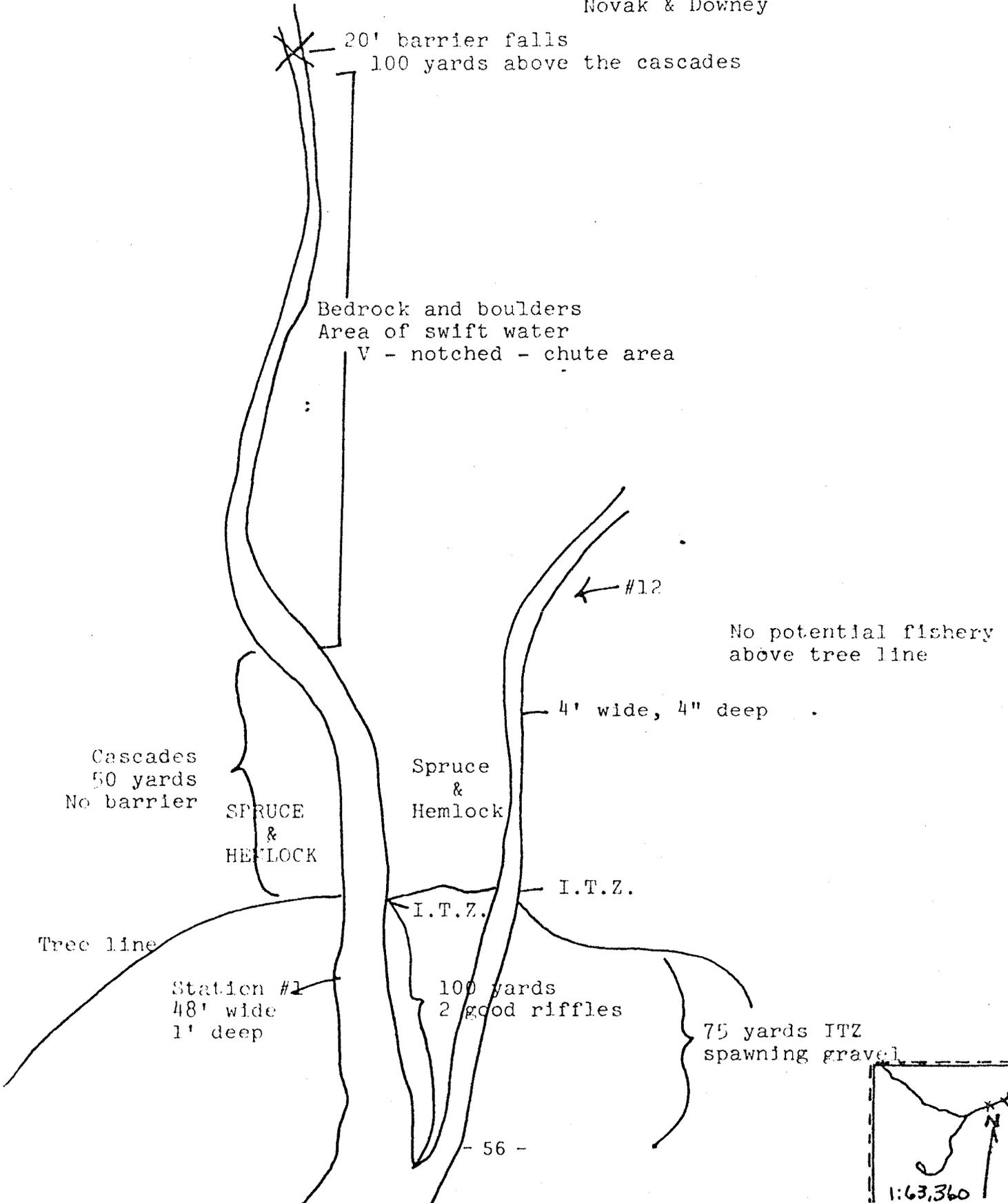
102-30-47

(#11 in notes)

and 102-30-10470

10-18-73

Novak & Downey



Name Head Creek Catalog No. 102-30-47
 Latitude 54° 58' 54" N 55' WR No. _____
 Longitude 132° 18' 11" W 40" E No. _____
 Geodetic Map No. Dixon Ent. D-1 Work Area Moira Sd. - Ketchikan
 Location Moira Sound - West Arm Watershed Length 4.5 miles
 Drainage Area of Watershed 4.16 sq. miles
 Water Supply Type Runoff and muskeg lakes - springs

Trails & Survey Routes Walked stream due to brushy conditions and V-notched lay of the watershed.
 Aerial Survey Notes Not possible to survey upstream area from the air - ITZ is open to aerial surveying.
 Anchorage Large boat anchorage east of mouth 800 yds. in 6 fathoms of water.
 Tide Stage When Surveyed last half of ebb.

FISHERY RESOURCES

Commercial Fisheries Chum, coho, and pink. Chum carcasses were found in the intertidal zone.
 Escapement 470 coho recorded in 1971. No other species recorded.
Available spawning area - 446 M²
 Species Composition 30% chum, 10% pink, and 60% coho.
 Timing Late - september and October.
 Schooling areas Off mouth about 1/4 mile east.

Shellfish Potential Clams off mouth to low water line approximately 300 yards. Crab in head of west arm.
 Sport Fisheries Coho, Dolly Varden and Cutthroat

Land Use at Present None at present and no plans in the near future.

History of Land Use None

Rehabilitation Potential Due to the upstream cascades and falls nature of the watershed, no improvement necessary.

Soils Stable in lower area with unstable soils starting in the cascades and continuing upstream to ridge where muskeg situation exists.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	0
	Number of droppings	0
Goose -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mallards ---	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mergansers -	Number of broods seen	0
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	600 yds.
	Estimate depth out from beach	8' ave.
	Estimate percent on what percent of flats	10%

PEAK ESCAPEMENT RECORD

NAME: Moira - West Arm

STREAM CATALOG NUMBER: 102-30-47

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Aug. 28, 1969	N.O.			(F)
Sept. 18, 1971	470			Vis. good (F)
Sept. 13, 1972				2,000 fish intertidally. Vis. good, windy (A)
Sept. 23, 1973	----1,000----			1,000 dead. Good showing. Vis. good (A)