



BAKEWELL LAKE  
Upper End

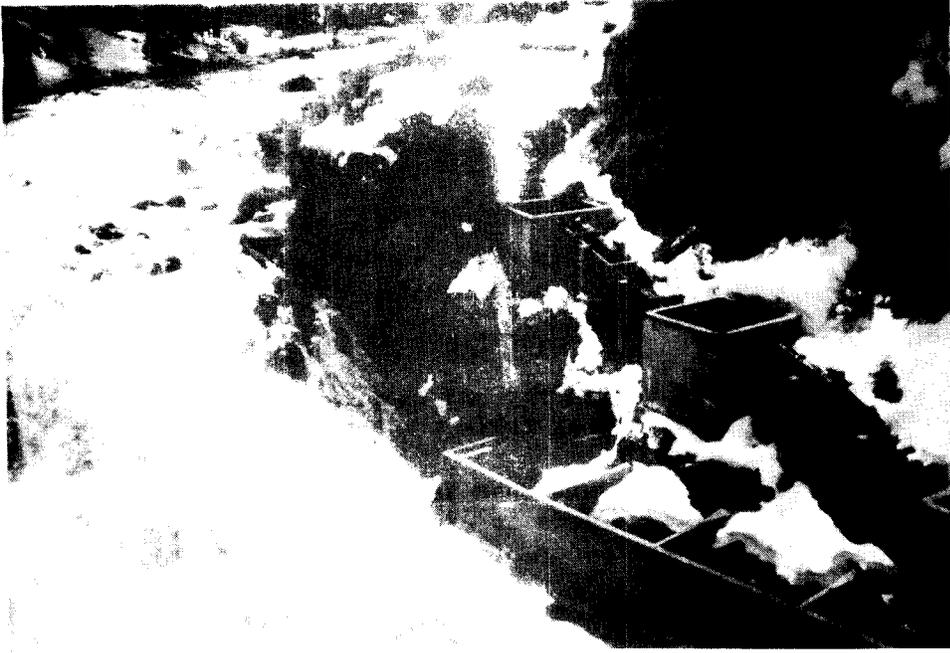
101-55-073

101-55-10730



Stream between Badger and Bakewell  
Lakes.

Badger Lake in background.



BAKEWELL LAKE LADDER

Name Bakewell River Catalog No. 101-55-73  
 Latitude N 55° 17' 54" 51" WR No. 28  
 Longitude W 130° 38' 53" K No. 32 101-55-10730  
 Geodetic Map No. Ketchikan B-2, B-3, A-3 Work Area Ketchikan  
 Location Smeaton Bay - Bakewell Arm Watershed Length 8 miles  
 Drainage Area of Watershed 32 Sq. miles (Polar Planimeter)  
 Water Supply Type Large lakes (2) with precipitation and ground water supplements.

Trails & Survey Routes A good trail to the lake on east side of river does not follow the river. Walking along the stream is nearly impossible.

Aerial Survey Notes Muskeg colored waters. Deep V-notched canyon with poor aerial access, except with helicopter.

Anchorage Good anchorage off shore from the Forest Service trail marker. Seven fathoms of water available.

Tide Stage When Surveyed Second half of ebb.

#### FISHERY RESOURCES

Commercial Fisheries Coho, pink, chum and red salmon.

Escapement 2 red, 15 pink, 1500 coho - 1974.

Spawning area: 368 m<sup>2</sup> estimated below falls.

Species Composition 1974 - coho 95%, pink 4%, red and chum 1%.

Timing Late - September.

Schooling areas School below the 40 foot falls barrier was observed fish outside. School along the shoreline near mouth of river.

Shellfish Potential Dungeness crab at head of Arm, but no new reports off mouth of river. No clam potential.

Sport Fisheries Coho, pink, chum, red salmon, cutthroat. Possible small run of steelhead. Dolly Varden, cutthroat and rainbow found in lakes.

Land Use at Present None other than cabin on lake and trail leading from salt-water to lake.

History of Land Use Fish ladder construction began in 1958 with operation until 1972. Unsuccessful due to design of construction.

Rehabilitation Potential Relocate or re-design steep pass in area of old ladder. Excellent rearing system above falls.

Soils Unstable in area below the falls. V-notch situation from falls to the mouth with sluffing soils.

#### GAME RESOURCES

Bear -----	Fish carcasses or bones (old or <u>fresh</u> ) on banks, estimate	2
	Number of droppings	0
Geese -----	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	0
	Estimate depth out from beach	0
	Eel grass present on what percent of flats	0

Wolf and wolverine sign plentiful on lakes. One wolverine sighted during 4-75 survey.

PEAK ESCAPEMENT RECORD

Bakewell River (ladder)  
101-55-73

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
??-63	400		154 red	20 dead females, 17 males. 7 females were spawned.
9-1-64			154 red	7 dead, females were spawned.
8-31-66			9 red	Visibility poor. Water high.
9-15-74			100 coho, 2 reds	
9-5-75			50 red On 7-25. 400 coho	