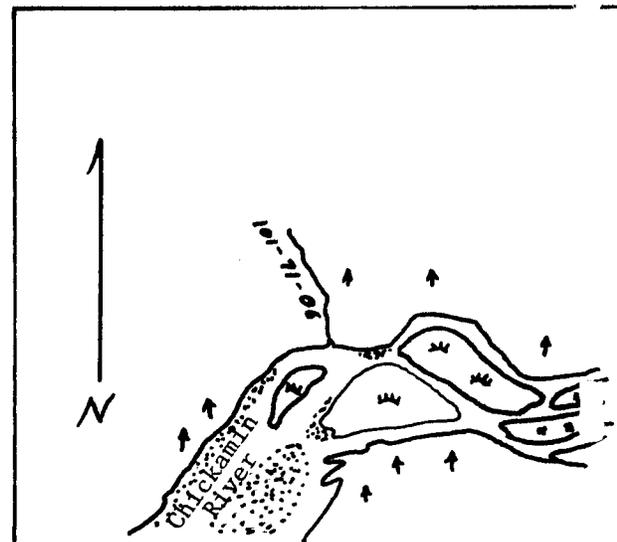
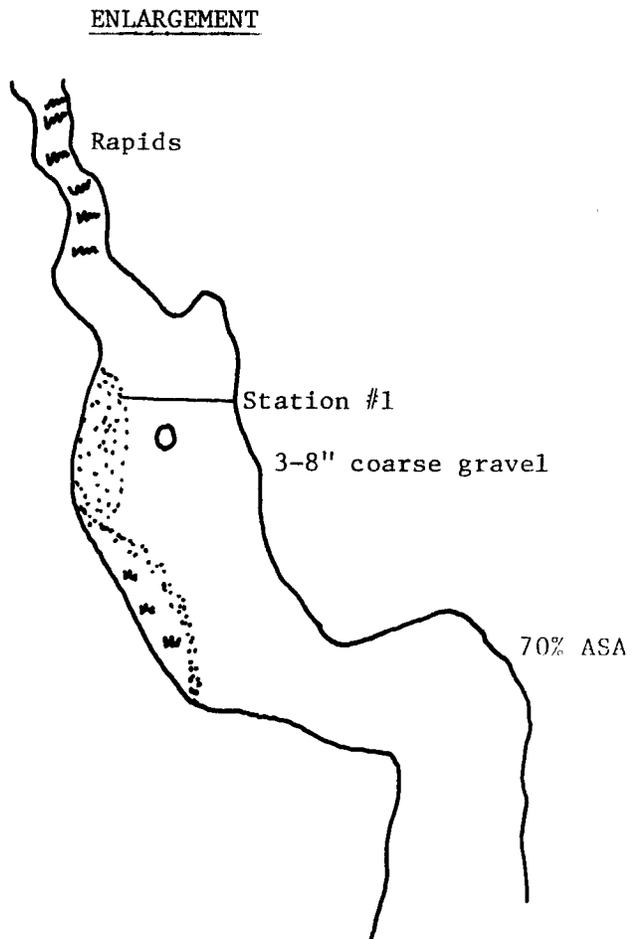
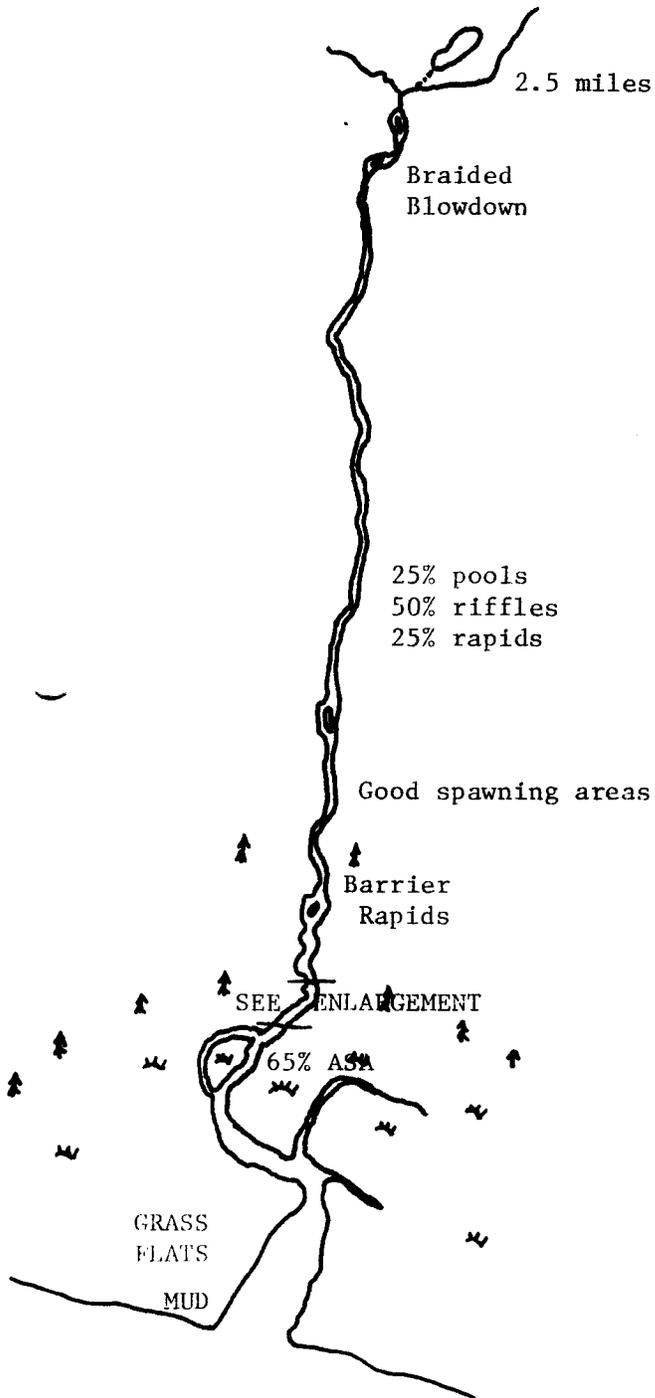


Clear Creek  
101-71-06  
10-28-75  
R.Larson, D.Ward



PEAK ESCAPEMENT RECORD

Grizzly Creek (Barrier Creek)  
101-71-04Q

| DATE    | PINK | CHUM | OTHER SPECIES | REMARKS   |
|---------|------|------|---------------|---|
| 9-6-61  | 31   | 31   | 36 kings      |   |
| 8-15-69 | 10   |      | 45 kings      | 45 in south fork of Chickamin.                            |
| 8-20-72 |      | 50   | 25 kings      | 12,000+ pinks & chums, 350 kings<br>8-9-72 in south fork. |
| 8-5-73  | 110  |      | 12 kings      | 45 kings in south fork.                                   |
| 8-9-74  |      |      | 20 kings      | 107 kings in south fork of<br>Chickamin.                  |
| 8-17-75 | 11   |      | 9 kings       | 60 pinks, 115 kings in south fork                         |

Name Barrier Creek Catalog No. 101-71-040  
 Latitude N 55° 51' 12" 13" WR No. 40  
 Longitude W 130° 37' 42" 50" K No. 44-4  
 Geodetic Map No. Ketchikan D-2 Work Area Ketchikan  
 Location S. fork Chickamin River Watershed Length 10.5 miles  
 Drainage Area of Watershed 52.5 sq. miles (polar planimeter)  
 Water Supply Type Snow water runoff and precipitation.

Trails & Survey Routes Stream can be walked at low water but has brushy banks and frequent large boulders and logs.

Aerial Survey Notes Considerable portions of stream are swift with many rocks and small pools. Fish on the riffles in the lower portion are seen easily.

Anchorage Stream mouth can be reached by riverboat. (Trib. to Chickamin)

Tide Stage When Surveyed -

FISHERY RESOURCES

Commercial Fisheries Important spawning area for king salmon, Pink and chum, also coho present.

Escapement Stream not often surveyed. Spawning area = 16,722 m<sup>2</sup> (7500' x 60' x 40% ASA)

Species Composition Most important species is king salmon.

Timing early - July, August.

Schooling areas Just off mouth in main river.

Shellfish Potential -

Sport Fisheries Dolly Varden present, may also have steelhead.

Land Use at Present King salmon egg procurement site.

History of Land Use Unknown.

Rehabilitation Potential Extensive barrier falls would be very difficult to ladder, may be some good spawning area above falls.

Soils Quite rocky, generally stable, except on steep slopes (subject to snow-slides).

GAME RESOURCES

|               |   |       |
|---------------|---|-------|
| Bear -----    | Fish carcasses or bones (old or fresh) on banks, estimate | _____ |
|               | Number of droppings <b>several fresh tracks.</b>          | _____ |
| Geese -----   | Number seen on tide flats                                 | _____ |
|               | Number seen up creek                                      | _____ |
|               | Number of broods seen                                     | _____ |
| Mallards ---- | Number seen on tide flats                                 | _____ |
|               | Number seen up creek                                      | _____ |
|               | Number of broods seen                                     | _____ |
| Mergansers -  | Number of broods seen                                     | _____ |
| Bald Eagles-  | Number seen along creek                                   | _____ |
|               | Number of nests seen and location                         | _____ |
| Seals -----   | Number seen at mouth of stream                            | _____ |
| Tide flats -  | Estimate length along beach                               | _____ |
|               | Estimate depth out from beach                             | _____ |
|               | Eel grass present on what percent of flats                | _____ |



Junction of Barrier Creek with the  
South fork of the Chickamin River.

PEAK ESCAPEMENT RECORD

Indian Creek  
101-71-04K

| DATE    | PINK  | CHUM  | OTHER SPECIES | REMARKS |
|---------|-------|-------|---------------|---------|
| 8-28-61 | 2,500 | 1,500 | 4 kings       |         |

101-71-10040-2023

Name Indian Creek Catalog No. 101-71-04K  
 Latitude N 55° 40' 20" 5a' 26" WR No. -  
 Longitude W 130° 59' 10" 3a' 19" K No. -  
 Geodetic Map No. Ketchikan D-2 Work Area Ketchikan  
 Location Lft side main Fork Chickamin River Watershed Length 4.5 miles  
 Drainage Area of Watershed 6.5 sq. miles  
 Water Supply Type Snow water runoff and precipitation.

Trails & Survey Routes Stream banks relatively easily walked if water levels are low.

Aerial Survey Notes Several deep holes at lower portion of stream and dark rusty colored bottom. May mask some fish but generally good.

Anchorage -

Tide Stage When Surveyed -

FISHERY RESOURCES

Commercial Fisheries King and coho major species. Pink and chum present in unknown numbers.

Escapement Not often surveyed. 1,500 coho 10-28-75. 66 kings 8-12-75. Spawning area = 11,613 m<sup>2</sup> ( 5000 x 50 x 50% ASA)

Species Composition -

Timing -

Schooling areas Several large deep pools especially in lower section.

Shellfish Potential -

Sport Fisheries Good population of Dolly Varden, possibly steelhead.

Land Use at Present King salmon egg procurement site.

History of Land Use Mineral exploration in area.

Rehabilitation Potential None needed.

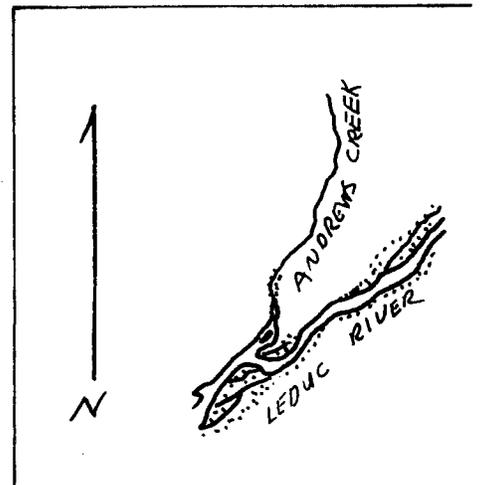
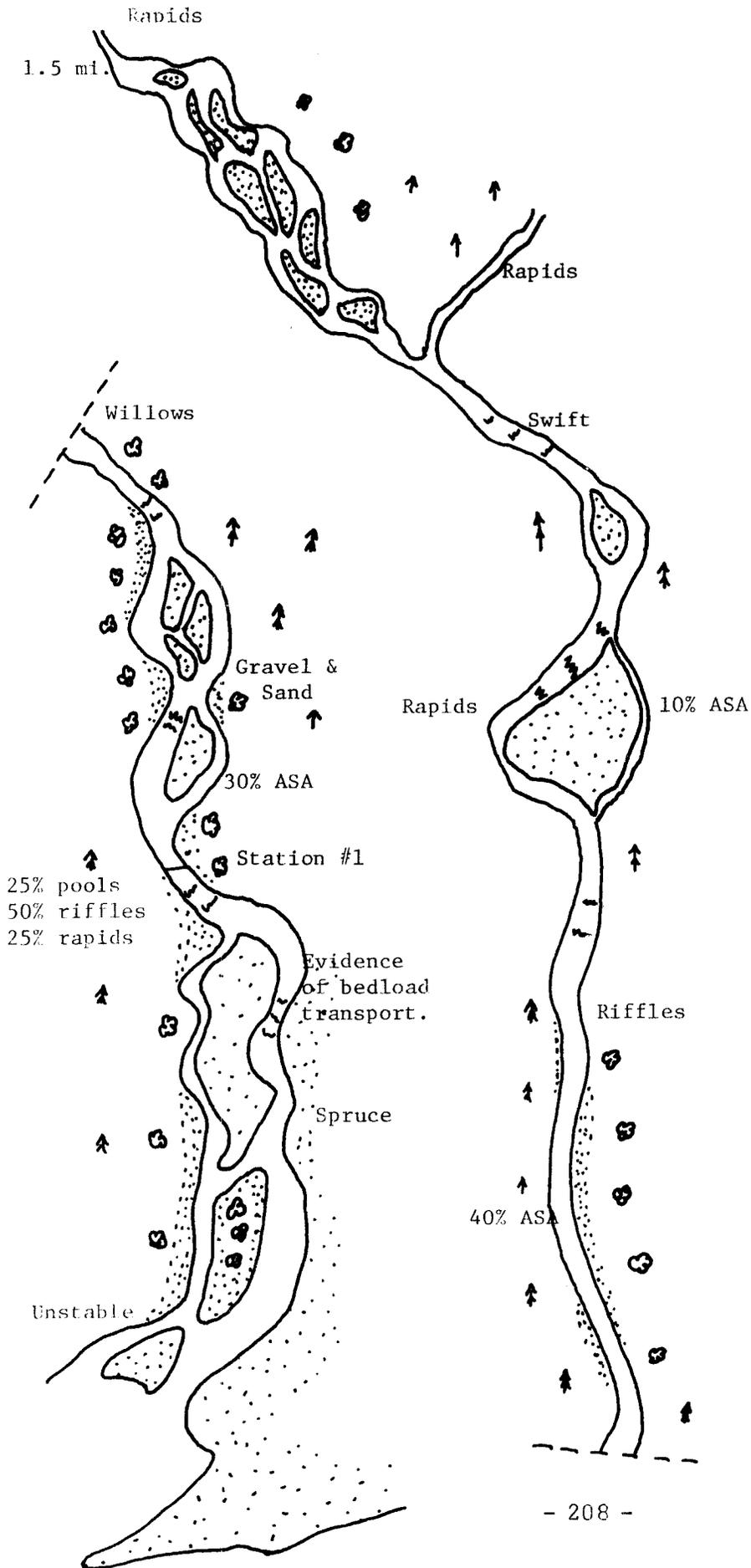
Soils Stable except where influenced by floodwaters of Chickamin River.

GAME RESOURCES

Bear ----- Fish carcasses or bones (old or fresh) on banks, estimate \_\_\_\_\_  
 Number of droppings Several fish bones and a few bear tracks  
 Geese ----- Number seen on tide flats observed. \_\_\_\_\_  
 Number seen up creek \_\_\_\_\_  
 Number of broods seen \_\_\_\_\_  
 Mallards --- Number seen on tide flats \_\_\_\_\_  
 Number seen up creek \_\_\_\_\_  
 Number of broods seen \_\_\_\_\_  
 Mergansers - Number of broods seen \_\_\_\_\_  
 Bald Eagles- Number seen along creek \_\_\_\_\_  
 Number of nests seen and location \_\_\_\_\_  
 Goats ----- Number seen at mouth of stream \_\_\_\_\_  
 Tide flats - Estimate length along beach \_\_\_\_\_  
 Estimate depth out from beach \_\_\_\_\_  
 Hel grass present on what percent of flats \_\_\_\_\_

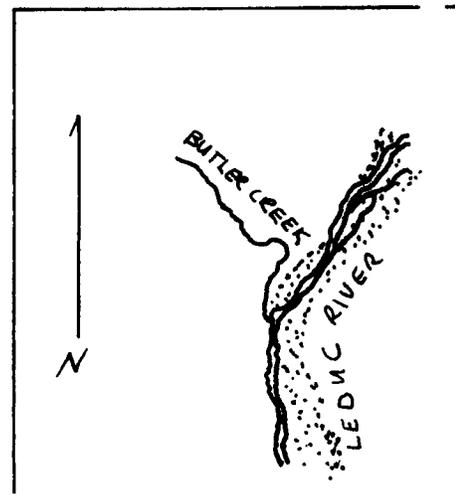
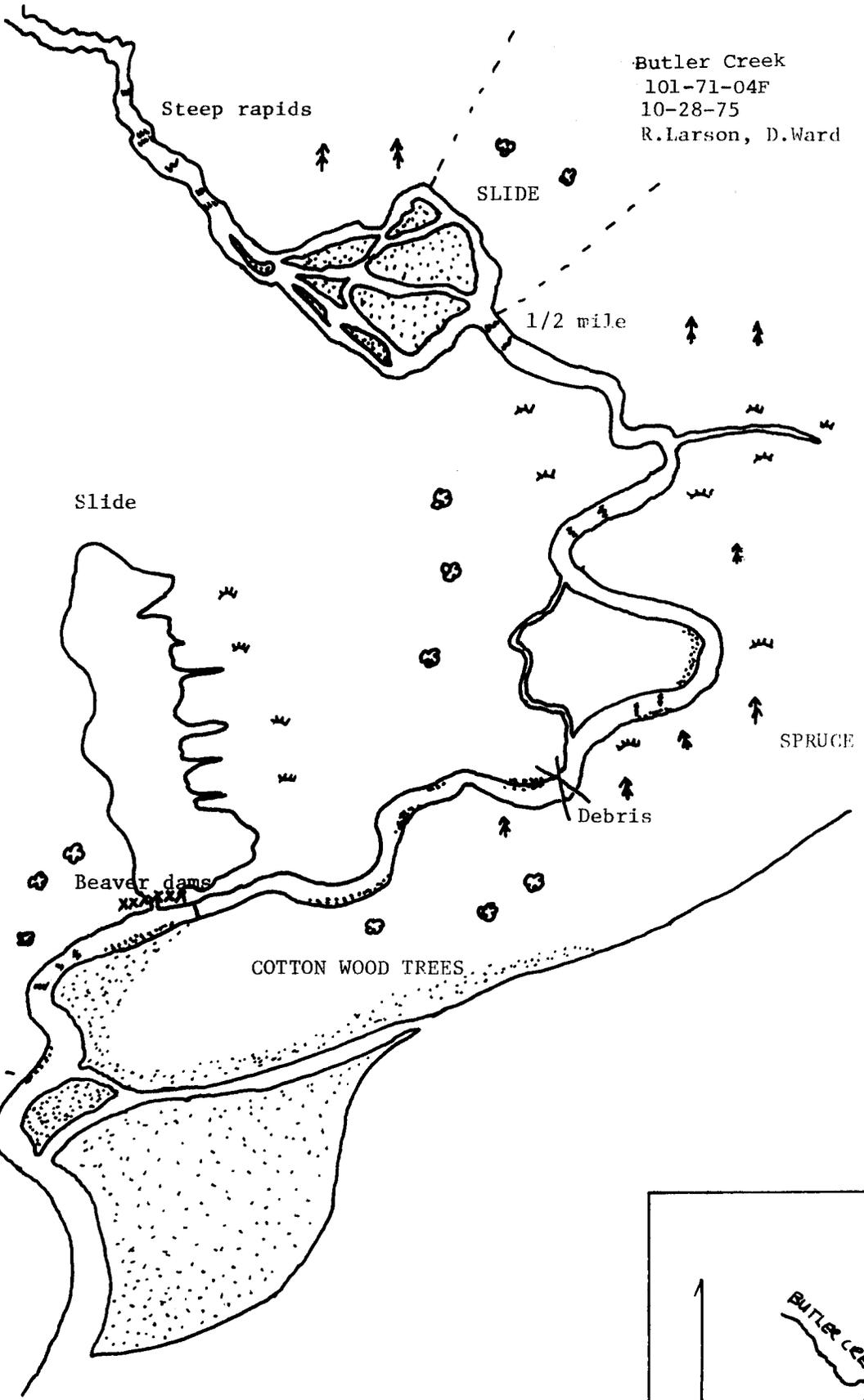


Andrews Creek  
101-71-04G  
10-28-75  
R.Larson





Butler Creek  
101-71-04F  
10-28-75  
R.Larson, D.Ward



PEAK ESCAPEMENT RECORD

Leduc Lake Creek  
101-71-04B

| DATE    | PINK | CHUM | OTHER SPECIES | REMARKS |
|---------|------|------|---------------|---------|
| 8-3-61  | 25   | 170  | 42 kings      |         |
| 8-15-69 | 25   |      | 5 kings       |         |
| 8-20-72 | 150  |      | 85 kings      |         |
| 8-5-73  |      | 75   | 12 kings      |         |
| 8-9-74  |      |      | 12 kings      |         |
| 8-17-75 |      | 75   | 13 kings      |         |

Name Leduc Lake Creek Catalog No. 101-71-04B  
 Latitude N 55° 55' 50" - 56' 02" WR No. 101-71-10040-2015-3003  
 Longitude W 130° 48' 40" 21" K No. \_\_\_\_\_  
 Geodetic Map No. Ketchikan D-3 Work Area Ketchikan  
 Location 2.5 mi upstrm. Leduc R. Watershed Length 9 miles  
 Drainage Area of Watershed 30 sq. miles  
 Water Supply Type Large lake fed by melting snow and precipitation.

Trails & Survey Routes Right bank is easily walked to barrier falls.

Aerial Survey Notes Clear water but some rubble in riffles makes close scrutiny necessary for good enumeration.  
 Anchorage Tributary of Leduc River.

Tide Stage When Surveyed \_\_\_\_\_

FISHERY RESOURCES

Commercial Fisheries King salmon. Probably pink, chum, and coho as well, but not surveyed except for kings.  
 Escapement Five year average 24 kings '69-75. High 85 kings 1972.  
(400' x 78' x 60% ASA) Spawning area = 1739 m<sup>2</sup>  
 Species Composition Only surveyed for king salmon.

Timing Probably early.  
 Schooling areas Deep run below rapids and in pools below falls.

Shellfish Potential \_\_\_\_\_

Sport Fisheries Lake in drainage has good rainbow fishing possibly some Dolly Varden and rainbow in river below falls.  
 Land Use at Present Sports fishing in lake and goat hunting in area.

History of Land Use Mineral exploration throughout drainage.

Rehabilitation Potential Barrier falls a short distance above mouth of stream but limited spawning area above.  
 Soils Stable in lower section. Much evidence of slide in upper section.

GAME RESOURCES

|               |   |       |
|---------------|---|-------|
| Bear -----    | Fish carcasses or bones (old or fresh) on banks, estimate | _____ |
|               | Number of droppings                                       | _____ |
| Geese -----   | Number seen on tide flats                                 | _____ |
|               | Number seen up creek                                      | _____ |
|               | Number of broods seen                                     | _____ |
| Mallards ---  | Number seen on tide flats                                 | _____ |
|               | Number seen up creek                                      | _____ |
|               | Number of broods seen                                     | _____ |
| Mergansers -  | Number of broods seen                                     | _____ |
| Bald Eagles-- | Number seen along creek                                   | _____ |
|               | Number of nests seen and location                         | _____ |
| Seals -----   | Number seen at mouth of stream                            | _____ |
| Tide flats -  | Estimate length along beach                               | _____ |
|               | Estimate depth out from beach                             | _____ |
|               | Est. grass present on what percent of flats               | _____ |



LeDuc Lake Creek, Station #1  
101-71-04B