

Steelhead looking
downstream (1st big
sandbar above jam
& inland by "S"
turn. 9-11-76

~~103-60-29~~



Steelhead Creek.
Station #1. 9-11-76

103-60-10270

Name: Big Salt Lake
Latitude: 55° 38' ~~X~~" 12"
Longitude: 132° 59' ~~X~~" 10"
Geodetic Map No: Craig C3
Location: north shore at Big Salt Lake,
2.3 miles west of Head; Prince of Wales
Island

Catalog No: 103-60-27
Former Stream No: WC 44, Previous no. 74,
ADF no. 175, FWS no 18B
Work Area: Ketchikan
Watershed Length: 10.5 miles (4 forks)
Drainage Area: 7.0 sq miles
Water Supply Type: runoff from low for-
ested hill and scattered muskegs

Trails & Survey Routes: streambed easily walked at low water levels, would be
very difficult at higher water levels due to thick alders and old stumps on banks

Aerial Survey Notes: aerial visibility is good when the water level is low

Anchorage: near the south entrance of Big Salt Lake

Tide Stage when Surveyed: high

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):
pinks, chum and coho; generally fair to poor rearing area for coho; historic high escape-
ment 350,000 pink, 10-9-45; 19,600 chum, 8-21-48; 650 coho 9-28-44; average chum escape-
ment since 1960-74, average pink 5,323

Spawning area: 6,039 meters² (5,000'x20'x65% ASA) upstream to forks

Schooling Areas: there is a large deep pool in the upper intertidal and several
smaller pools upstream

Spawning Areas: throughout the stream from intertidal to beyond the forks on the
main stem

SHELLFISH POTENTIAL: unknown

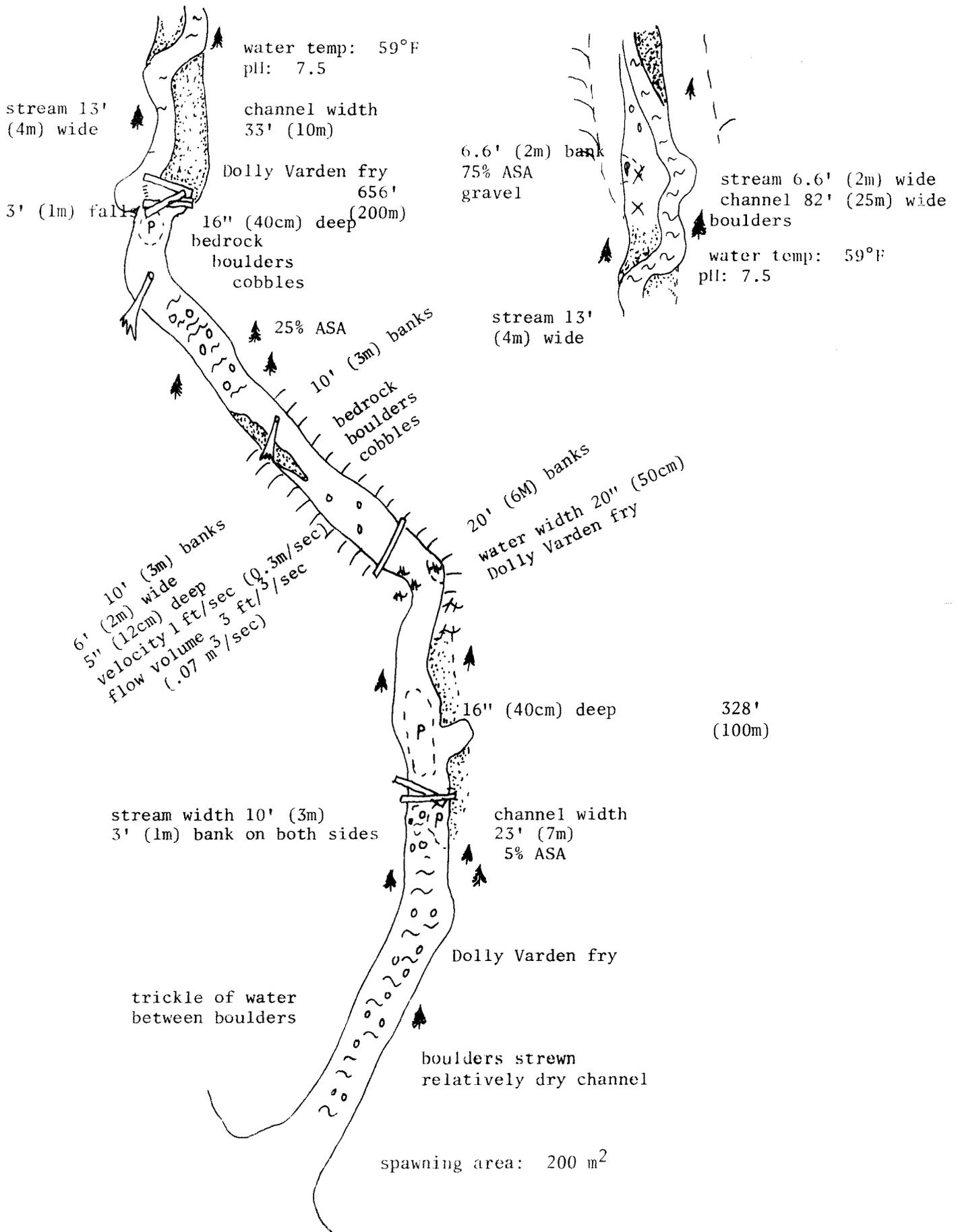
SPORT FISHERIES: the stream is small and without significant ponds or lakes; it may
support a small steelhead population

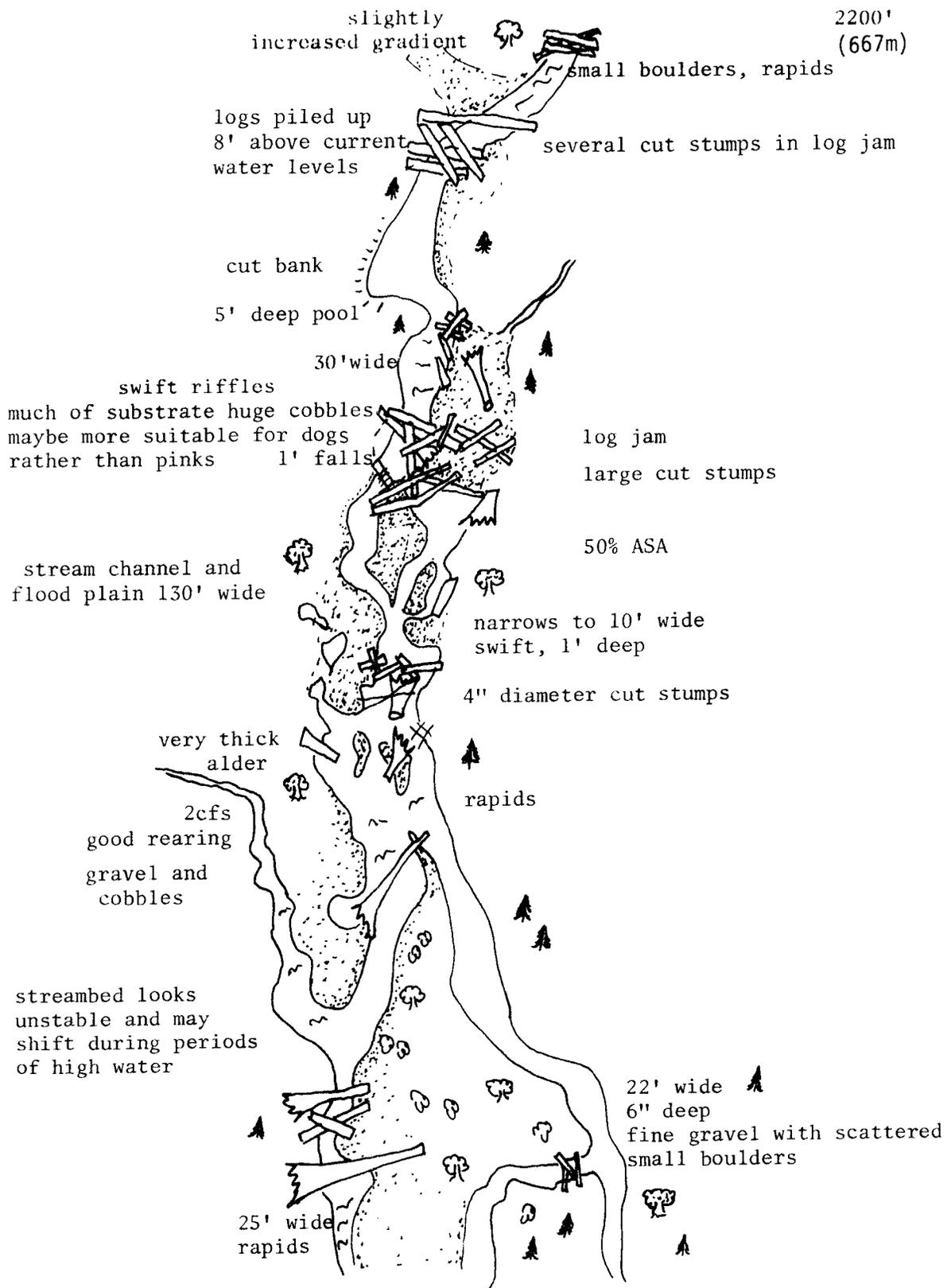
LAND USE (history, present, proposed): stream has been logged to the banks in the
past; looks as though considerable damage such as stream channelization and bank instability
has resulted; however, previous data are lacking for comparison; the stream was reportedly
used as a catroad for a distance of approximately 1 mile; numerous cut stumps and logs
are now in the stream

REHABILITATION POTENTIAL: none warranted

SOILS: stream channel is unstable and braiding is occurring in several areas (see map)
upstream is generally stable

GAME RESOURCES (species, use, habitat): 1 female merganser with 4 chicks was
observed as well as mink and bear tracks





103-60-27
Big Salt Lake (Middle North Side)

Scale: 4" = 1 mile

