

105-10-01 A
Stream 105-10-11

Latitude $56^{\circ}12'10''$ Longitude $133^{\circ}58'05''$

$11'48''$

$58'30''$

This stream is located one mile northwest of the Aden marker on the east side of Kuiu Island.

This stream is located inside Louise Cove and drains a low, flat valley located between Affleck Canal and Louise Cove. Each fork drains moderately steep terrain located both to the north and south of the valley.

The stream displays cobble and gravel substrates in the lower intertidal area which provide fair spawning habitat. At the time of the survey, low stream flow limited the amount of available spawning habitat. The upper intertidal substrates are primarily small boulder and cobble, which have very little spawning potential.

The stream forks just above the intertidal. The north fork (01) displays bedrock and cobble substrates for .2 mile and contains poor spawning habitat. The stream has a gentle to moderate gradient and a heavy spruce-alder canopy. Above this section for .4 mile there is good spawning and rearing habitat. The stream displays small gravel substrates and has a gentle gradient with many shallow pools and undercut root-clay banks which provide good rearing habitat (Photo #31).

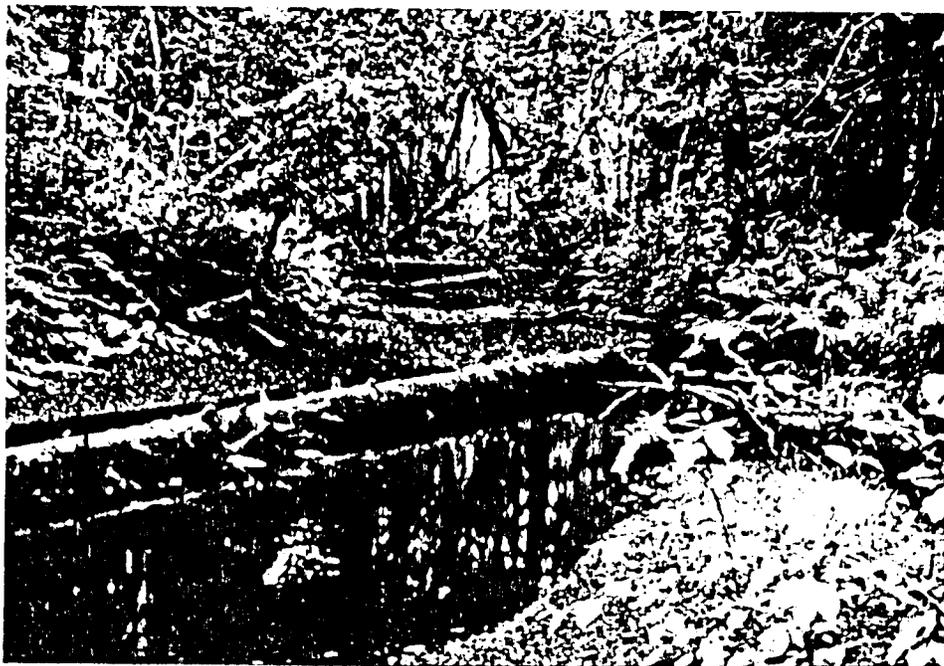


Photo #31: "Typical" habitat .3 mile upstream on tributary 01.

There is an active beaver dam located .25 mile upstream which is very small and poorly constructed. There is also a large active beaver dam located at the base of tributary 03.

The south fork (02) displays gravel and cobble substrates in the lower 100 yards with fair spawning habitat. There is very little spawning habitat upstream due to boulder-cobble substrates and steep gradient.

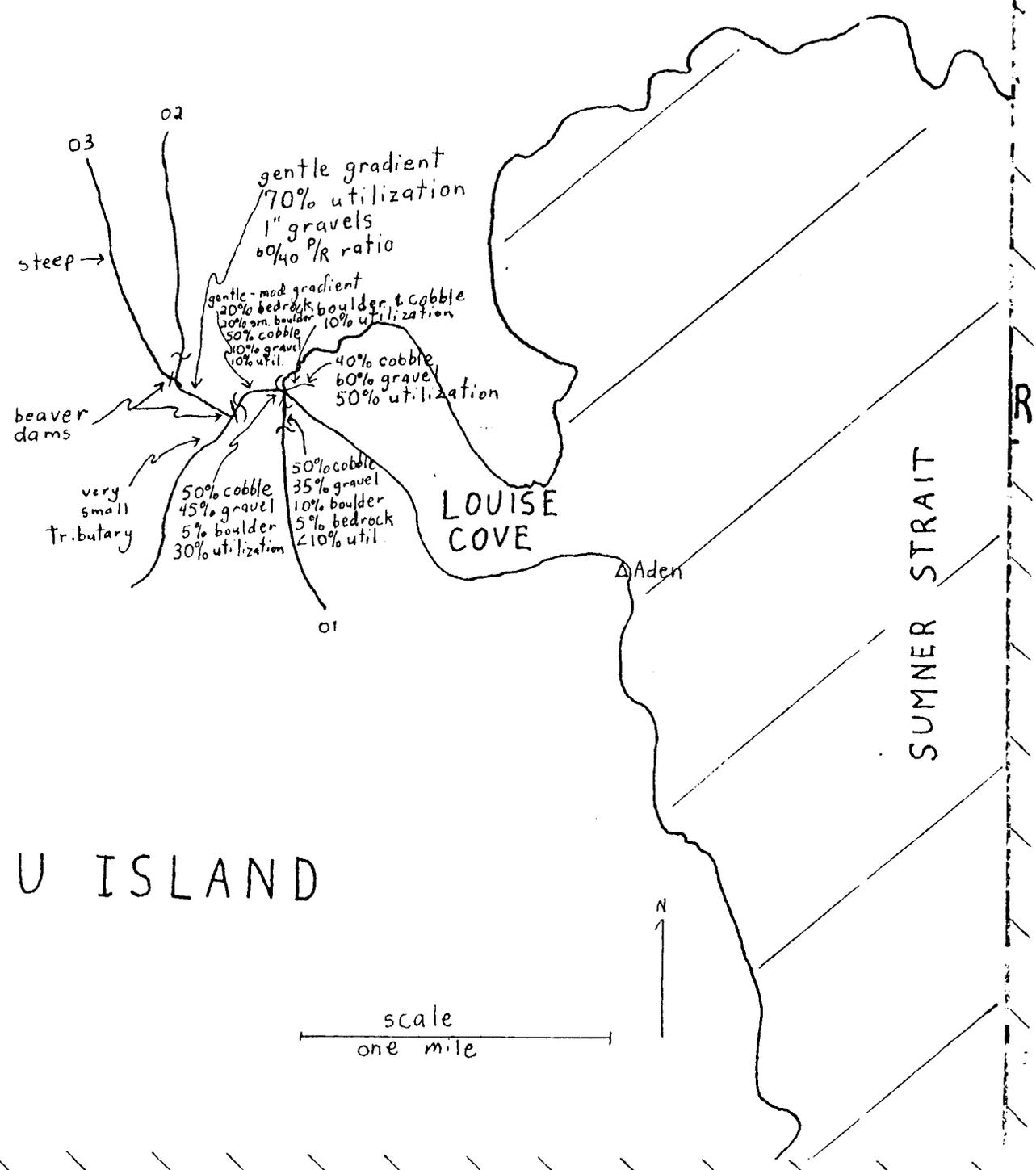
A few coho fry and cutthroat trout were observed in the south fork (lower 100 yards) and the north fork. ADF&G records reveal no adult spawners have been observed in the past few years.

Recommendations:

- 1) The beaver dam located .25 mile upstream should be left intact as it will probably wash out anyway. In any case, it doesn't appear to be a barrier to adult fish as coho fry are present above the dam.

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KUIU ISLAND



scale
one mile

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