

LOCAL NAME: Emmet's Channel
SITE NUMBER: Q-L2-03
PRIORITY:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Quillayute DATE: 11/15 & 11/23/88 OBSERVER: Young

CHANNEL TYPE: Terrace tributary (Wall-based)

TRIBUTARY TO: Oxbow channel of the Quillayute R. (20.0096)

SITE LOCATION: River mile - L.B. (Quillayute R.)

	UPPER END	LOWER END
WATER TEMP.:	43 F	44 F
AIR TEMP.:	41 F	41 F
FLOW (CFS):	1.0	1.5

SUBSTRATE TYPE: Mostly mud and silt. Some gravel below the culvert in the lower reach of the channel. Some clay in the upper, excavated portion of the channel.

SITE SIZE: Length- 1175 - 1200 m (estimate from photo)
Width- 4 - 8 ft (excluding ponded area)
Depth- 2 - 6 inches (excluding ponded area)

WATER SOURCE: Primarily small springs from the base of the hillside and surface runoff.

DIRECTIONS TO SITE: Head north from Forks on Hwy 101. Turn left just beyond m.p. 193 (1.0 mile north of Forks) onto the La Push Rd. Continue on the La Push Rd 8.7 miles. Turn right, immediately after crossing the lower Bogachiel bridge, onto the Hermison Rd. Then see overview map. If gate is locked, contact resident of mobile home for key. Alternate access is available by staying on the La Push Rd and turning right 1.1 mile beyond the Bogachiel bridge (see overview map). This road, which was intentionally blocked with large debris at the time of this survey, crosses Q-L2-03 at the bottom of the hill.

FISH ACCESS AND CURRENT USE: No fish were observed, but some utilization of this area seems likely. A beaver dam at the culvert and debris below the culvert may restrict fish access.

FLOODING POTENTIAL: Moderate to low.

LANDOWNER: Emmet Treichel and others.

COMMENTS & RECOMMENDATIONS: Q-L2-03 is a small terrace trib. situated along the extreme southern edge of the Quillayute flood plain at the base of a 200 ft terrace wall. (continued on next page)

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RIVER SYSTEM: Quillayute DATE: 11/15 & 11/23/88 OBSERVER: Young

COMMENTS & RECOMMENDATIONS: (continued) Q-L2-03 is a LB trib. to the Oxbow channel (Q-L2-01) entering it near the middle of the upper pond.

A gravel road crosses Q-L2-03, via a 3 ft diameter culvert, about 200 m upstream of its confluence with Q-L2-01. Just downstream of the culvert, for a distance of some 50 m, the channel is well incised and has a moderately steep gradient as it cuts through a small terrace before joining Q-L2-01.

An extensive ponded area, immediately upstream of the culvert, runs along the base of the hill for some 650 to 700 m (see pond data supplement). A beaver has the culvert plugged at present and has seemingly increased the normal extent of the pond. The north bank of Q-L2-03, upstream of the road, supports a dense growth of willows is extremely brushy. This made the ponded area very difficult to survey and the exact dimensions of the pond were not clear.

Just upstream of the ponded area, Q-L2-03 runs through a 275 m long, machine excavated channel as it traverses the southern edge of a large clearing. The upper end of the excavated portion of the channel also appears to be the upper limit of useable coho rearing habitat. Upstream of this point the channel becomes completely undefined as it enters a shallow, wooded wetland. A section marker found just south of the upper end of the excavated channel marks the exact center of Sect 30 (T28N, R14W).

A small, open and very shallow cedar swamp drains into Q-L2-03 at the upper end of the excavated portion of the channel. This area, located just south of the channel, can best be described as wet, boggy, moss covered ground. It has pockets of standing water with maximum depths of 1 to 2 inches. There were no defined channels in this area.

Q-L2-03 should provide excellent winter rearing areas. Utilization of the rearing habitat in this channel, however, is largely dependent on the extent that juvenile coho are able to enter and utilize channel Q-L2-01. Q-L2-03 appears better protected from river flood waters than Q-L2-01 and fish may tend to seek this channel out if Q-L2-01 were to flood. Summer rearing habitat is probably very limited. It was reported by a local resident that Q-L2-03 dries up during the summer. Present extent of habitat utilization should be looked at. If Q-L2-03 is currently under utilized it may be a good area for Fall planting.

Continuation of the excavation at the upper end of Q-L2-03 could provide a small amount of additional rearing habitat. However, the habitat gained would be fairly insignificant when compared with the extensive rearing area currently available.

SITE NUMBER: Q-L2-03
RIVER SYSTEM: Quillayute

(Emmet's Channel)

POND DATA SUPPLEMENT

DATE: 11/15/88

	INLET	OUTLET
DISSOLVED OXYGEN:	(D.O. not taken this date)	
WATER TEMPERATURE:	43 F	44 F

POND SIZE:

LENGTH - 680 m
WIDTH - Estimate 15 to 20 m
Width was difficult to determine due to an extremely dense growth of willow and brush along the north bank of the pond.
DEPTH - Estimate 3 to 5 ft maximum
2 to 3 ft average

WATER SOURCE: Small springs from the base of the hillside and from the boggy ground at the upper end of the channel.

FISH ACCESS & CURRENT USE: Pond should be accessible to juvenile coho. A beaver dam at the culvert and scattered debris in the incised channel below the culvert may restrict fish access. No fish were observed.

TYPE & AMOUNT OF IN POND COVER: In pond cover seem to be very abundant here. Overhanging willow and brush are very prominent along the north bank. Some LOD is also present. Water depth and dark (tannic) color may also provide significant cover.

COMMENTS & RECOMMENDATIONS: This large pond appears to offer a great deal of winter rearing habitat. The extent of the actual utilization of this pond is unknown. Fish access to the pond is dependant on their access to and through channel Q-L2-01. The pond appears to be an excellent site for Fall planting. This pond reportedly dries up during the summer. Need to determine extent of current utilization.

SUBSEQUENT SITE EVALUATION FORM

River System: Quillayute

Site No.: Q-L2-03

Observer: Young / Nettnin

OBSERVATIONS:

Date: 12/7/88

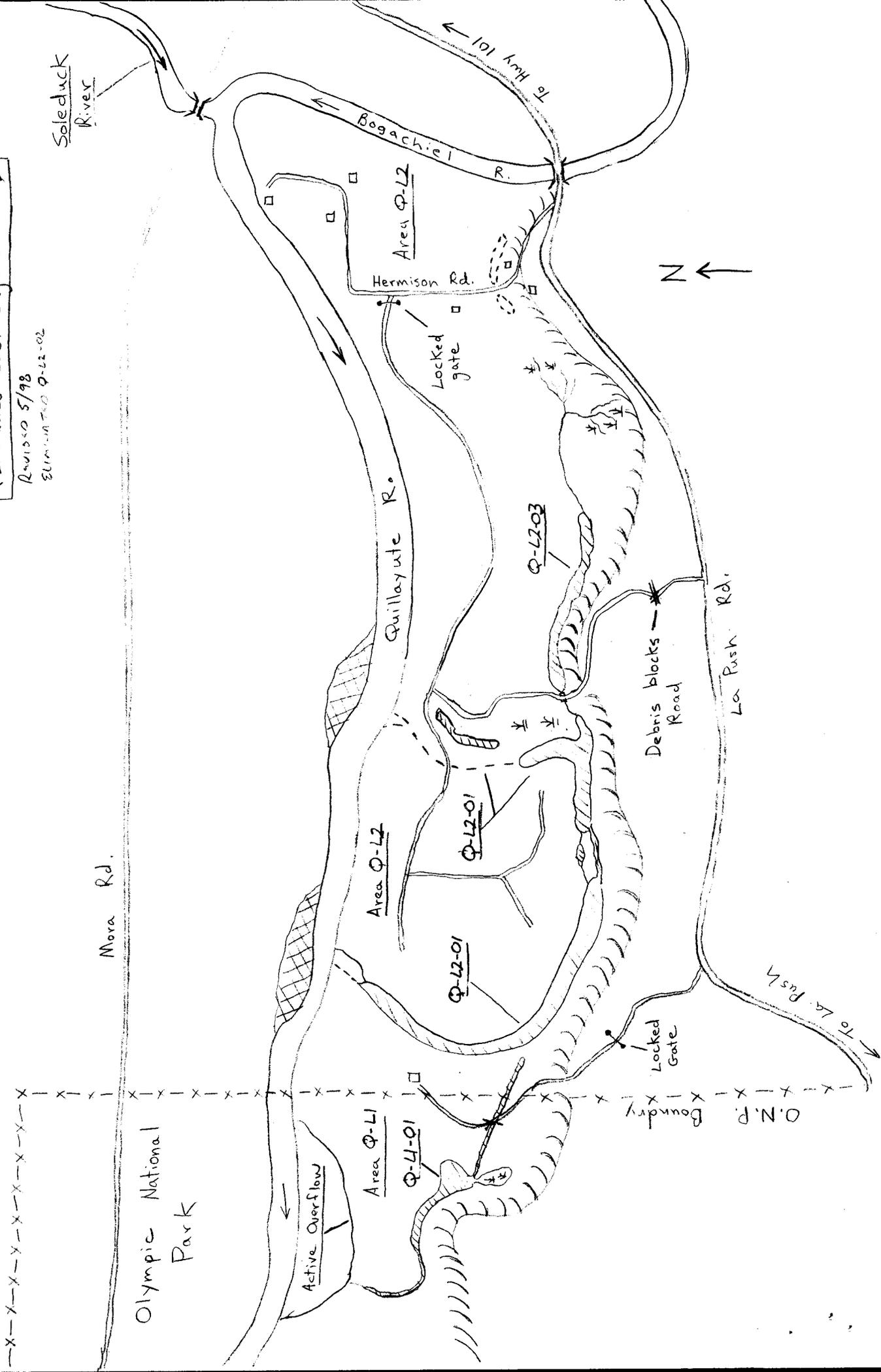
1.) D.O. reading of >5.0 mg/l was taken at the culvert near the lower end of the channel.

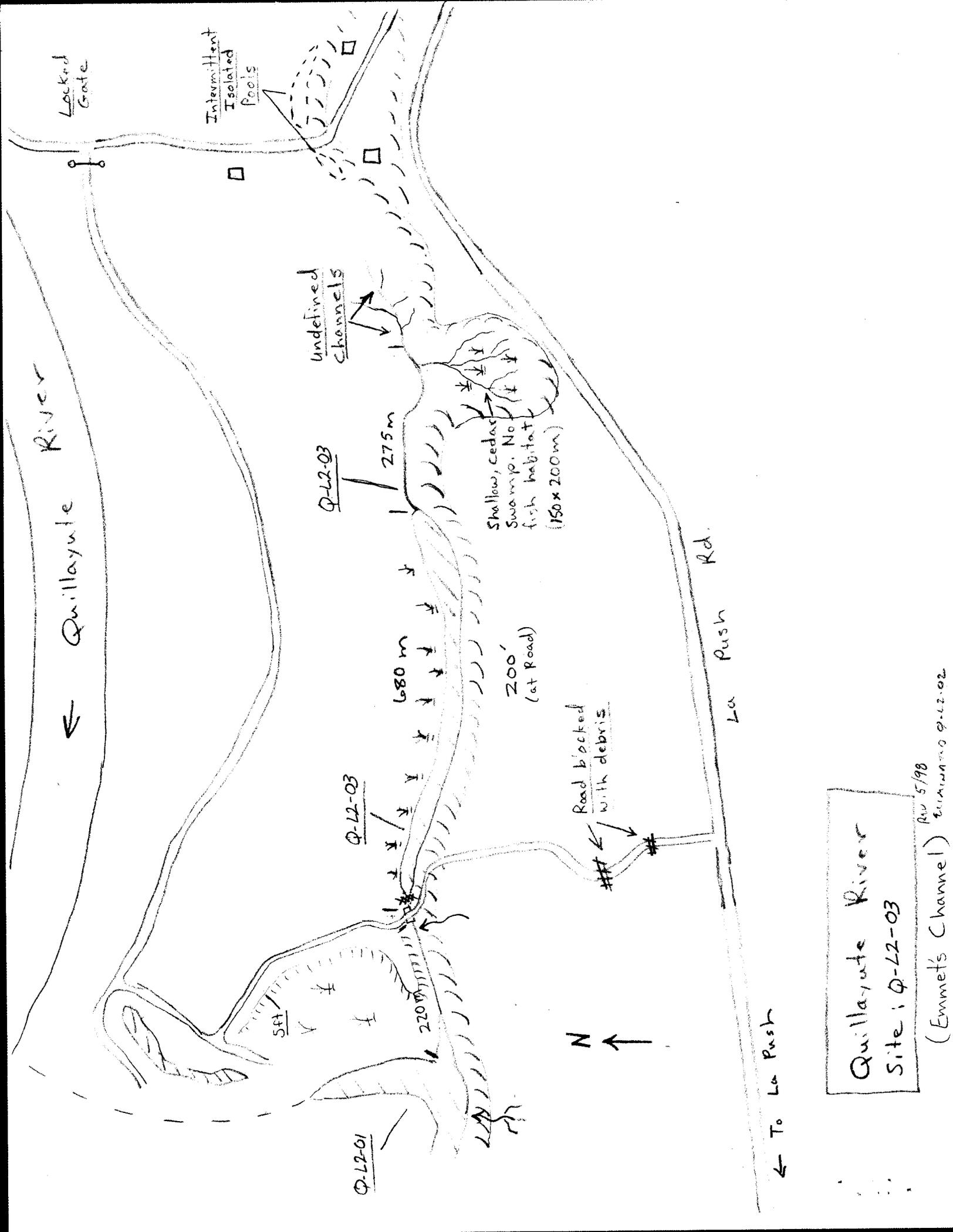
2.) Beaver dam at culvert has been opened up.

3.) Trucks are currently hauling gravel from stock piles near the pond. The access road 1.1 miles west of the Bogachiel bridge has been opened (temporarily?).

Quillayute River
Site: Q-L2
Overview Map
(Includes east edge of Q-L1)

Revised 5/98
Eliminated Q-L2-02





Quillayute River
 Site: Q-L2-03
 (Emmet's Channel)

Rev 5/98
 Drawing Q-L2-02

