

SITE NUMBER: C-L1-08
LOCAL NAME: Snow Drops Springs
WRIA: 20.0175G

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Calawah **DATE:** 2/22/90 **OBSERVER:** Young

CHANNEL TYPE: Terrace tributary (wall-based)

TRIBUTARY TO: Calawah River (20.0175)

SITE LOCATION: L.B. @ River Mile: 2.0 (WDF)

LEGAL DESCRIPTION:

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	8.0 C	8.0 C	6.0 C
<u>FLOW (CFS):</u>	0.0	0.25 - 0.5	

SUBSTRATE TYPE: Sand and silt

SITE SIZE: **Length-** 370 m
 Width- Water surface = 3 - 4 ft avg. 6 - 8 ft max.
 Channel = 3 - 8 ft
 Depth- 2 - 4 in. avg. 8 - 12 in. max.

WATER SOURCE: Springs.

DIRECTIONS TO SITE: Head north on Hwy 101 to the town of Forks. Turn left (just past Pay & Save Grocery) onto Bogachiel Way. Stay on Bogachiel Way about 3 miles until coming to the WDW steelhead rearing pond. Drive along the north bank to the lower end of the pond. Stay right and follow the road up the hill toward the Rayonier Calawah Rearing Ponds. Turn right and follow the road to the north pond (C-L1-04). Walk upstream of the pond to the upper end of channel C-L1-04. A road comes down off of the terrace wall just beyond the upper end of C-L1-04. Walk up this road to the top of the terrace wall then turn left onto a old grade. Proceed north along the old grade about 1 mile. Stay left as the grade drops down off of the terrace wall to the Calawah R. C-L1-07 is located at the bottom of the hill. Proceed upstream along the LB of the Calawah for 100 to 150 m until coming to the mouth of C-L1-08 (see comments).

FISH ACCESS AND CURRENT USE: A few unidentified salmonid fry were seen in the upper reaches. The channel drops 3 to 4 ft in the lower 10 meters (i.e. at the mouth). Accessibility looks questionable at present river levels. Would become easily accessible with a moderate rise in the river level.

FLOODING POTENTIAL: Some backwater flooding probably occurs in the lower end of the channel. Upper end of the channel appears well protected from floods. No sign of high velocity flood waters.

LANDOWNER: Unknown at this time. Possibly ITT Rayonier.

COMMENTS & RECOMMENDATIONS: C-L1-08 cuts through a sandy bank and enters the Calawah at a moderately deep glide. At present river level the water drops about 3 to 4 ft through woody debris and small boulders along the lower 10 m of the channel. The mouth looks impassible to juvenile coho at present flows but the channel should be easily accessible during moderate freshets.

(Continued on next page)

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COMMENTS & RECOMMENDATIONS:(Continued)

The lower 60 to 70 m of C-L1-08 is deeply incised with 8 to 10 ft high sandy banks. The channel maintains a rather straight course along the base of a 6 to 8 ft high terrace in the lower and middle reaches (i.e the lower 200 to 250 m).

In its middle and upper reach C-L1-08 is much less incised with 1 to 2 ft banks. The upper 100 m of the channel runs along the base of a 15 to 20 ft high terrace wall. C-L1-08 is fed by two small springs which emanate from the base this high terrace.

A large (150 x 10 m), very shallow (< 1 ft max depth), swampy pool occurs along the base of the terrace wall just upstream of the uppermost spring in C-L1-08. Water from the upper spring appears to feed this pool. The pool is currently isolated from the rest of L-1-8 but probably becomes connected during wetter periods. There is no apparent egress channel from the pool to the river.

Not a lot of pool habitat was seen in C-L1-08. The channel might benefit greatly from deepening and widening in the mid and upper reaches. If the ground along the base of the terrace wall and upstream of C-L1-08 will perk, it might be possible to lengthen the channel by 200 m or more. The shallow pool upstream of C-L1-08 could be deepened and better connected to the lower channel.

Machine access to C-L1-08 is possible via the large, Rayonier owned gravel pit to the south of the site. The access road to this pit is located off Bogachiel Way about 2 miles west of the junction with Hwy 101 (see "directions to site" above) and just before Bogachiel Way winds down the hill to the bottom of the valley. A road at the north end of the pit connects with the old grade leading to channel C-L1-08. A locked gate just off Bogachiel Way currently blocks access to the pit.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Calawah

Site No.: C-L1-08
Site Name: Snow Drops Springs
WRIA: 20.0175G

DATE: 1/31/00

OBSERVER: Darrow

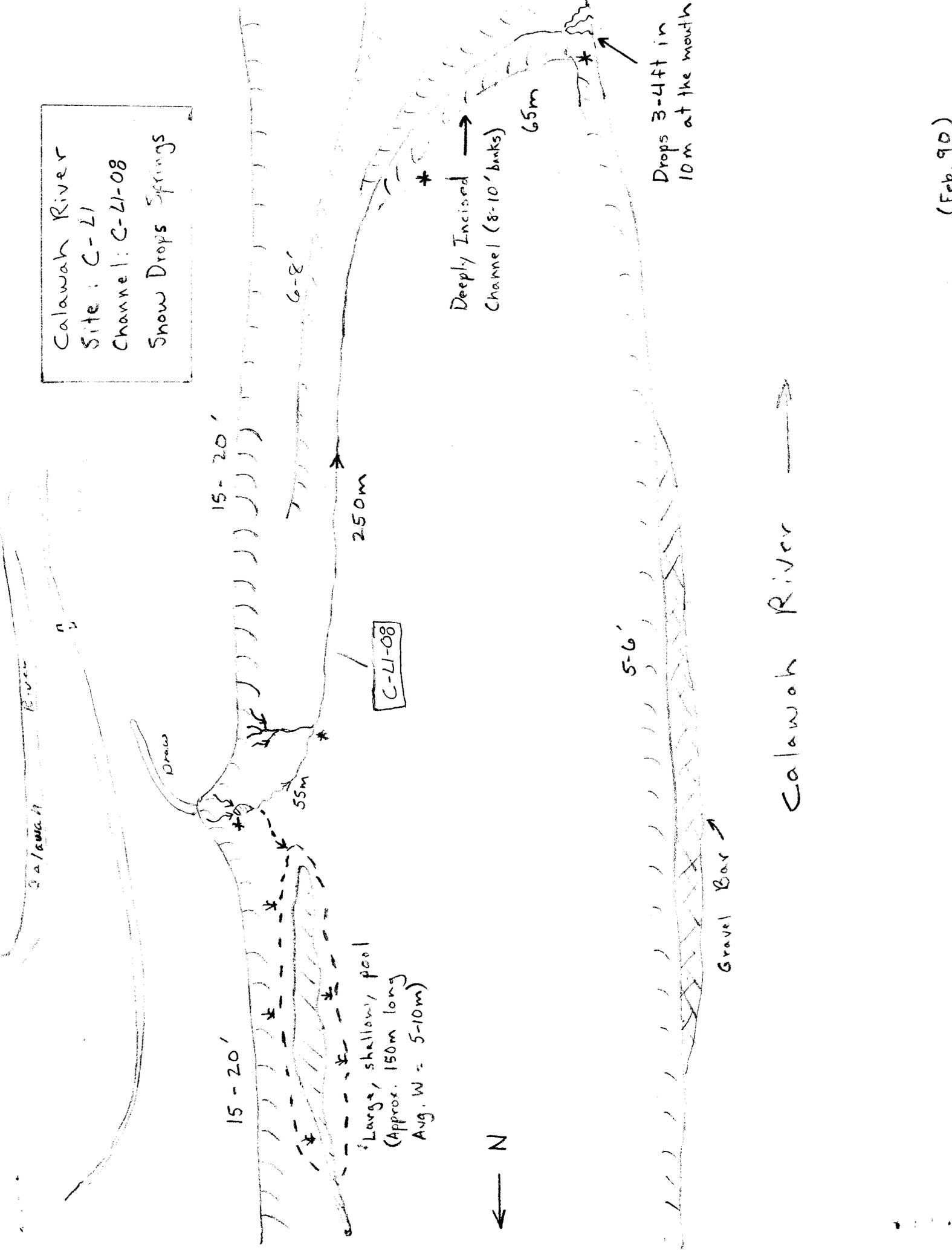
MINNOW TRAPPING REPORT

TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT		0+	
						RBT	CUTT		
1	1/31	6.0°C	2/1	6.5°C	0	0	0	0	8
2	1/31	6.0°C	2/1	6.5°C	0	0	0	0	19
3	1/31	6.0°C	2/1	6.5°C	0	0	0	0	13
4	1/31	6.0°C	2/1	6.5°C	0	0	0	0	14
5	1/31	6.0°C	2/1	6.5°C	0	0	0	0	0
TOTALS:					0	0	0	0	54

COMMENTS:

- Trap 1 was placed in the upper end of impounded reach
- Trap 2 was placed downstream of #1 in the impounded reach
- Trap 3 was placed downstream of #2 in the impounded reach
- Trap 4 was placed downstream of #3 in the impounded reach
- Trap 5 was placed downstream of the bike bridge.
- All traps were baited with salmon roe.
- There were 28 north west salamanders captured also.

Calawah River
 Site: C-21
 Channel: C-21-08
 Snow Drops Springs



C-21-08

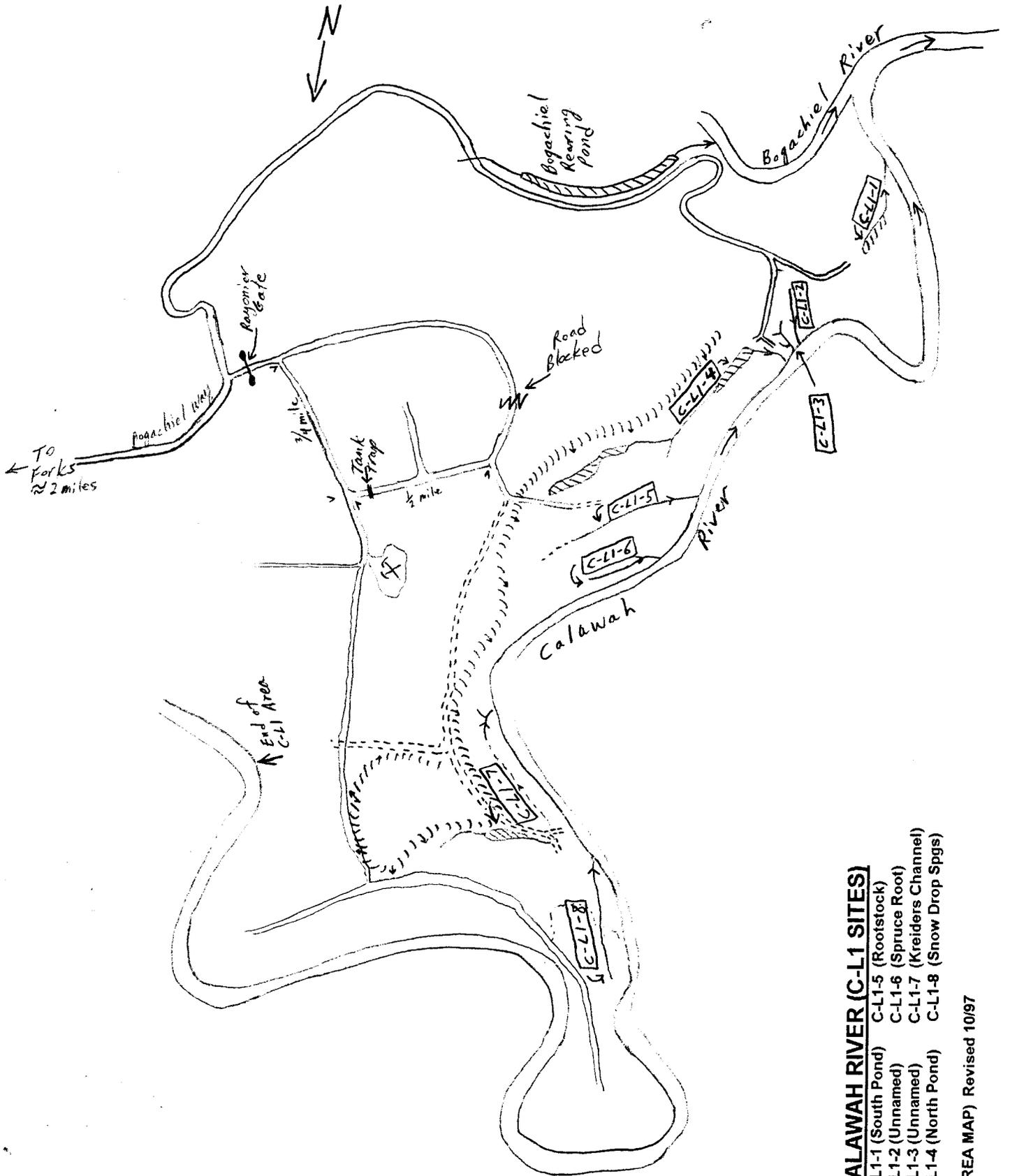
Large, shallow, pool
 (Approx. 150m long
 Avg. W = 5-10m)

Deeply Incised
 Channel (8-10' banks)

Drops 3-4ft in
 10m at the mouth

Calawah River

(Feb. 90)



CALAWAH RIVER (C-L1 SITES)

- C-L1-1 (South Pond)
- C-L1-2 (Unnamed)
- C-L1-3 (Unnamed)
- C-L1-4 (North Pond)
- C-L1-5 (Rootstock)
- C-L1-6 (Spruce Root)
- C-L1-7 (Kreiders Channel)
- C-L1-8 (Snow Drop Spgs)

**Calawah R.
Site: C-1
Site map
2/90**

