**SITE NUMBER:** SH-R2-01A
**LOCAL NAME:** Byrnes Springs
**WRIA:** 20.0478C

## NORTH COAST OFF CHANNEL SITE INVENTORY DATA

**RIVER SYSTEM:** South Fork Hoh **DATE:** 10/11/90 **OBSERVER:** Nettnin

**CHANNEL TYPE:** Terrace Tributary (Spring Channel)

**TRIBUTARY TO:** S. F. Hoh River (20.0473)

**SITE LOCATION:** R.B. @ River Mile: 4.3 (WDF)

**LEGAL DESCRIPTION**

| | UPPER END | LOWER END | RIVER TEMP |
|---|---|---|---|
| **WATER TEMP:** | 49 F | 48 F | 46 F |
| **FLOW (CFS):** | 0.5 - 1.0 | 1.5 - 2.0 | |

**SUBSTRATE TYPE:** Cobble in lower 80 m, then mostly gravel

**SITE SIZE:** **Length**-615 m
**Width-** Water surface = 1 - 3 m
Channel = 1 - 3 m
**Depth**-4 - 10 cm

**WATER SOURCE:** Springs

**DIRECTIONS TO SITE:** Head north on Hwy 101. Turn right at mile post 176 onto the Hoh-Clearwater mainline. Turn left just prior to mile post 7.0 onto the H-1000. Follow the H-1000 about 2.4 miles to a major fork. Stay right at the fork and continue on the H-1000 approximately 5.5 miles to the H-1000 bridge and the South Fork Hoh Campground. Continue on pass the campground to the South Fork Hoh Trail Head. Proceed on foot down the road to the south (just prior to the end of the H-1000). This road is water barred. Bear right as you proceed. Channel SH-R2-02 (Lear Creek) is located just north of the end of the road. Cross SH-R2-02 and proceed north to channel SH-R2-01A (Byrnes Springs).

**FISH ACCESS AND CURRENT USE:** Fry & adult passage is blocked by a 15 ft cascade at the mouth of the channel.

**FLOODING POTENTIAL:** Low

**LANDOWNER:** DNR

**COMMENTS & RECOMMENDATIONS:** SH-R2-01A is an excellent spring-fed trib that runs year round. It would accommodate both winter and summer coho rearing if accessible. The clean spawning gravel would also accommodate spawning activity (again if accessible). Spring planting might be considered. SH-R2-01A is lacking in pools and quiet water but the potential for pool development exists in a couple of tribs.

Recommend rock and cable weirs, similar to Wildcat Creek (21.0030) on the Clearwater River, to accommodate fish passage. This will have less impact on surrounding area. Can move rocks by cable from the end of the road to the project site and then work them into place using a portable winch and come-alongs.

**DATE:** 10/30/91 **OBSERVER:** King, Nettnin

An interconnecting channel was hand dug between one of the springs and the modified channel of Lear Springs (SH-R2-02). This was done to augment summer flows in Lear Springs and to allow fry to migrate into Byrnes Springs.

**DATE:** 1/14/92 **OBSERVER:** Darrow

Two minnow traps were baited with salmon roe and set in the channel to evaluate fish use: 0 Coho, 7 trout and 8 cottid were captured.

**DATE:** 5/14/92 **OBSERVER:** King, Nettnin

Young of the year Coho fry were observed using this spring channel. Its assumed that these fry crossed over from Lear Springs via the interconnecting channel.

**DATE:** 12/30/92 - 12/31/92 **OBSERVER:** Darrow

The minnow traps were baited with salmon roe that was acquired at the Solduck Hatchery.

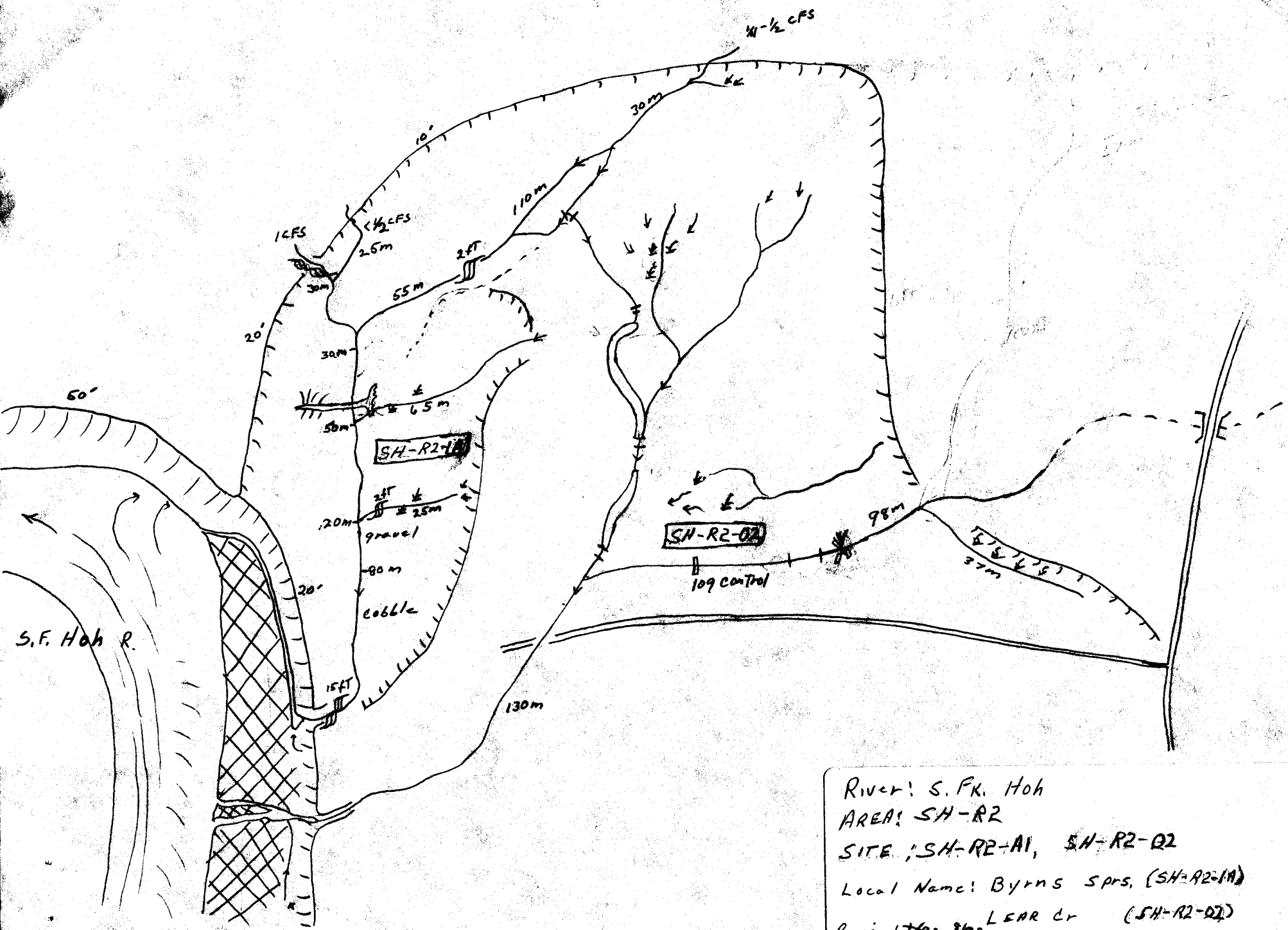
**MINNOW TRAPPING REPORT**

| TRAP | DATE SET | TEMP | DATE PULLED | TEMP | CATCH COHO | TROUT RBT | TROUT CUTT | TROUT 0+ | COTTID |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 12/30 | N/A | 12/31 | N/A | 2 | 0 | 1 | 0 | 0 |
| 2 | 12/30 | N/A | 12/31 | N/A | 0 | 1 | 3 | 0 | 1 |
| 3 | 12/30 | N/A | 12/31 | N/A | 1 | 0 | 0 | 0 | 0 |
| | | | | **TOTALS:** | 3 | 1 | 4 | 0 | 1 |
| | | | | Avg. L (mm) | 89 | 0 | 138 | | N/A |

**DATE:** 5/12/99 **OBSERVER:** Nettnin

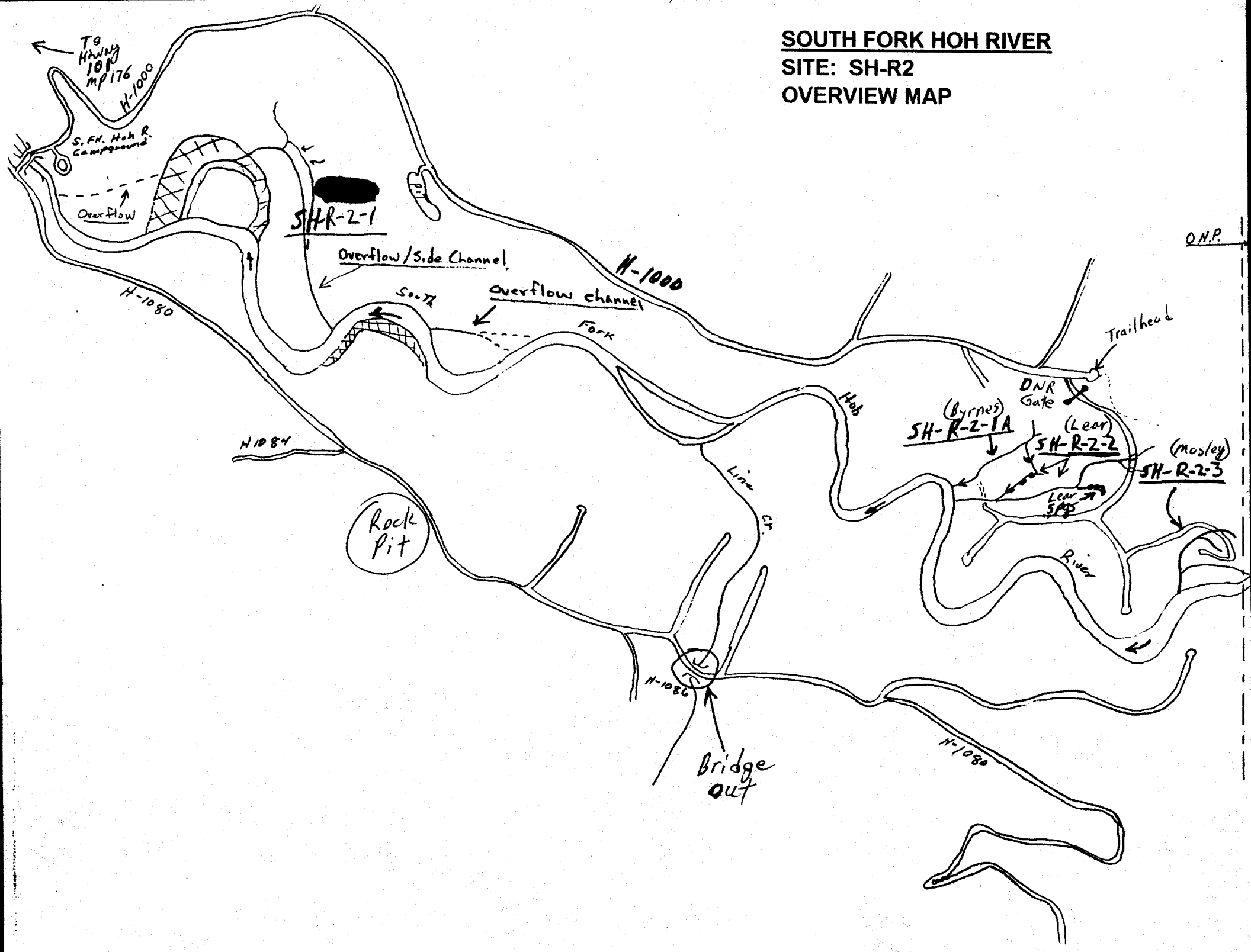
GPS position data was taken and is as follows:

- Egress with S. F. Hoh River: East 1,149,933ft. North 916,838 ft.
- Location of upper end of the system East 1,150,901 ft. North 917,618 ft.

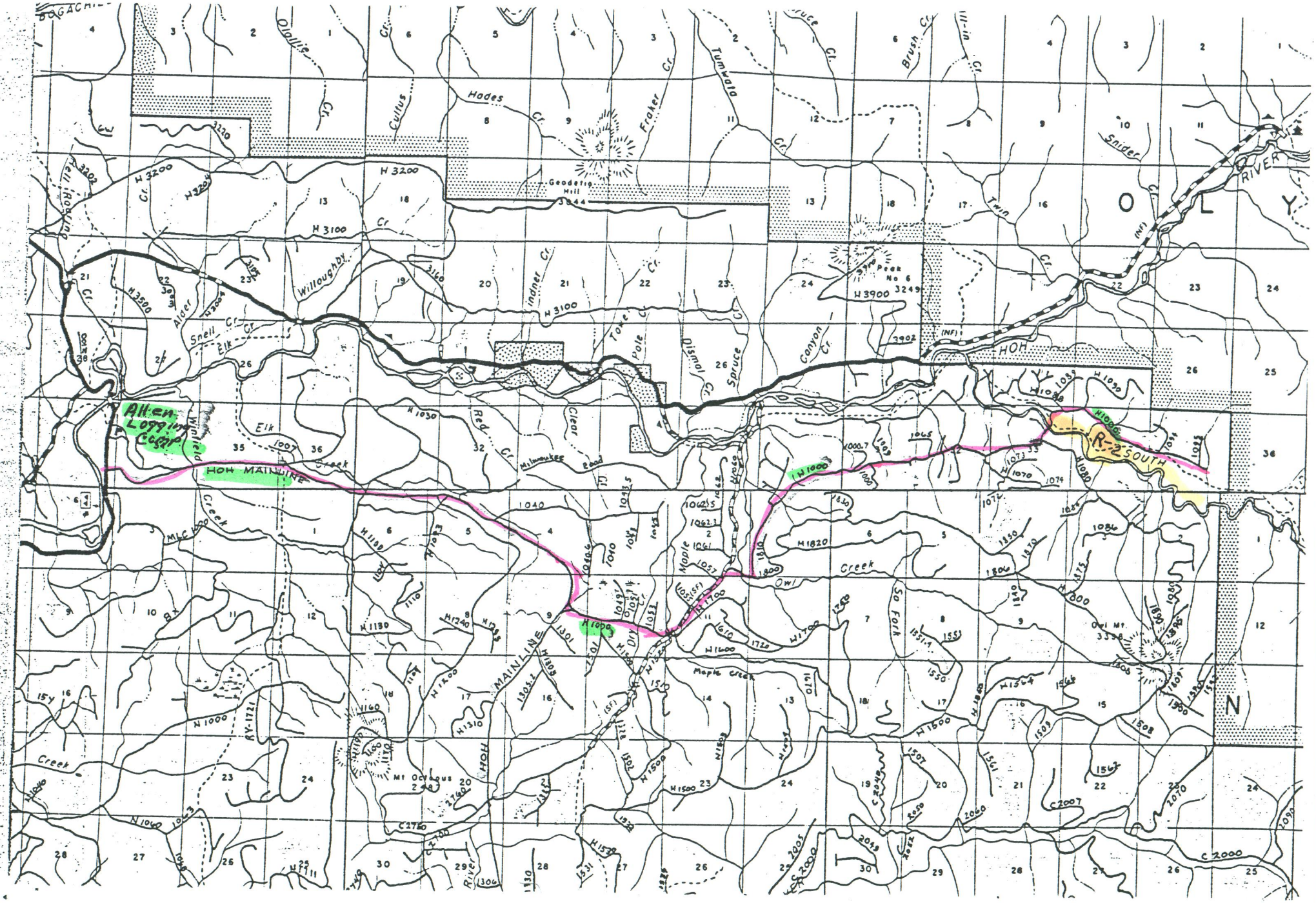



River: S. Fk. Hoh
AREA: SH-R2
SITE: SH-R2-A1, SH-R2-Q2
Local Name: Byrns Sprs. (SH-R2-1A)
LEAR Cr (SH-R2-Q2)
Revised ~~7/92~~ 8/92

# SOUTH FORK HOH RIVER
## SITE: SH-R2
## OVERVIEW MAP



SH-R2



Allen Logging Camp
HOH MAINLINE
R-2 SOUTH
HOH
RIVER
Geodetic Hill
Peak No 6
Owl Creek
Owl Mt.
Maple Creek
Mt Octopus
Willoughby
Snell Cr.
Elk Cr.
Alder
Winfield
Red Cr.
Clear
Pole
Dismal Cr.
Spruce
Canyon Cr.
Twin Cr.
Snider
Brush Cr.
Tumwata Cr.
Fraker Cr.
Hades Cr.
Cultus
Olallie Cr.
Hell Roaring Cr.
Milwaukee Road
Maple
So Fork
Dry
Creek
River
O L Y
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