

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
HABITAT PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast **Observer(s):** Nettnin
River System: Sol Duc **Date:** 11/25/96
Site Identifier: S-304R-03 **WRIA:** 20.0304 K (P)
River Mile Location: 1.3 **RB/LB:** RB
Local Name: Mud Creek Too **Trib. to:** W.F. Gunderson Creek(20.0304)
Legal Description: NW¼ Sec 29 T29N R13W **County:** Clallam
Habitat Type: Lower valley wall trib
Landowner: Federal State County Other Government Private
Department of Natural Resources
Unknown at this time, probably RTOC

Directions to site:

Head north from Forks on HWY 101 about 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto D-2000. Proceed west on D-2000 for 1.1 mile to a major stream crossing, this is W.F. Gunderson Cr. Proceed to a road junction just past the creek and go to the right. There is a culvert under the D-2000 at this road junction. This is S-304R-03.

Site Overview:

This second order stream drains about 40 - 60 acres of timberland, sections have been recently clearcut. The stream sources on the valley wall and flows to W.F. Gunderson Creek. It has high gradient, flashy flows, and produces gravel. Road drainage entering it, keeps it turbid during wet weather. There is some trout rearing potential and coho may use the lower reach for refuge during high river flows.

Habitat Information:

Water source: Surface runoff

Intermittent/year-around: Intermittent

Estimated flows (cfs):	Lower end: 0.2 - 0.5	Upper end: Not taken
Date: 4/8/97	0.1 - 0.2	Not taken
Date: 12/31/97	0.2 = 0.5	0.2- 0.5

Water temperatures:	Lower end: 7.5°C	Upper end: Not taken
Date: 12/31/97	7.5°C	8.5°C

Adjacent stream temperature (W.F. Gunderson Creek 20.0304): 6.5°C
7.0°C

Other water observations: Muddy water

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.5 - 1.0 m Ponds- NA Wetlands- NA

Depths: Channel- 5 - 10 cm Ponds- NA Wetlands- NA

Total length surveyed(includes ponds and wetlands): 320 m

Total existing habitat area (est.): 260 m²

Spawning area: 50 m² Possible trout

Impounded area: None

Other rearing area: 210 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Road runoff would affect spawning habitat which appears to be limited to trout.
- Ditch cleaning removes gravel from that portion of the stream that flows along the D-2000.
- The other potential spawning reach is above the road ditch and it has good gravel.
- The type of spawning habitat that is available favors trout.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- High gradient, lack of pools and turbid water during rainy periods would limit coho rearing.
- Coho may use the lower reach, just above and below the road ditch.
- Overall, this is better trout habitat.

Describe unaccessible habitat: NA

Describe wetland: None Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

Fish Information:

Site entry condition to W. F. Gunderson (20.0304): Poor Fair Good

- Several tree tops crisscross the mouth.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

Other species access and use: Chum Sockeye Chinook Trout Res. Trout

- Salmonid fry were observed on several occasions.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Reroute water flows to eliminate road runoff entering directly into the channel.
- Maintain the integrity of the stream.

Additional Comments: See culvert report for culvert data.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

Aerials Sketch Juvenile trapping Culvert Report
 Other references Spawning surveys Fishway Report Maps

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Channel No.: S-304R-03
WRIA: 20.0304K
Local Name: Mud Cr. Too

DATE: 12-31-97 **OBSERVER:** Nettnin

Stream was revisited and additional data was taken:

W.F. Gunderson Temp: 7°C.

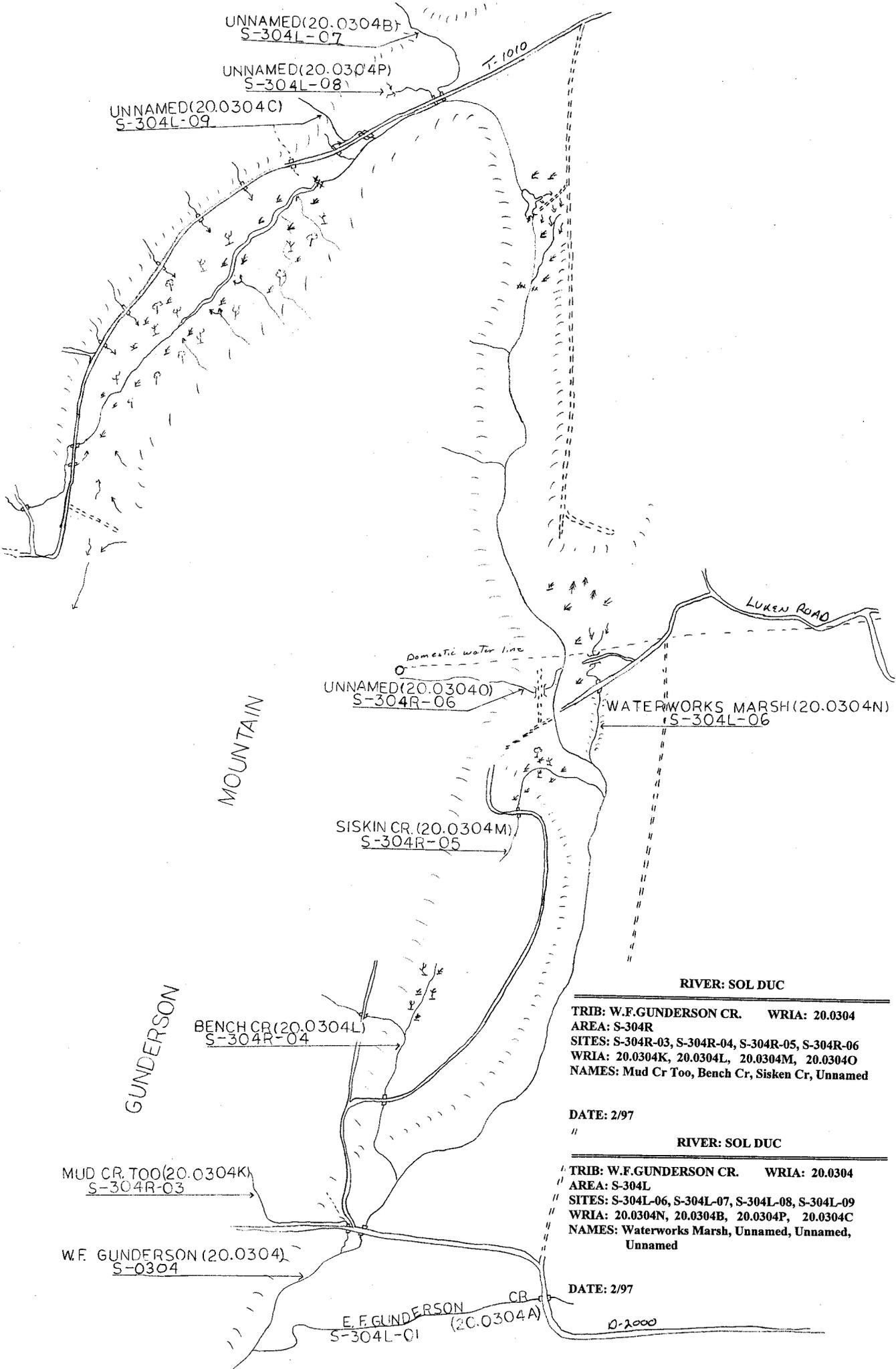
Channel Temp: Lower end - 7.5°C Upper end - 8.5°C

Flow: Lower end - 0.5 cfs Upper end - 0.25 - 0.5 cfs

Fry were observed.

Total usable length: 300 m

Total habitat: 270 m² (spawning remains the same).



UNNAMED(20.0304B)
S-304L-07

UNNAMED(20.0304P)
S-304L-08

UNNAMED(20.0304C)
S-304L-09

UNNAMED(20.0304O)
S-304R-06

WATERWORKS MARSH(20.0304N)
S-304L-06

SISKIN CR.(20.0304M)
S-304R-05

BENCH CR.(20.0304L)
S-304R-04

MUD CR. TOO(20.0304K)
S-304R-03

W.F. GUNDERSON(20.0304)
S-0304

E.F. GUNDERSON CR
S-304L-01 (20.0304A)

RIVER: SOL DUC

TRIB: W.F.GUNDERSON CR. WRIA: 20.0304
 AREA: S-304R
 SITES: S-304R-03, S-304R-04, S-304R-05, S-304R-06
 WRIA: 20.0304K, 20.0304L, 20.0304M, 20.0304O
 NAMES: Mud Cr Too, Bench Cr, Siskin Cr, Unnamed

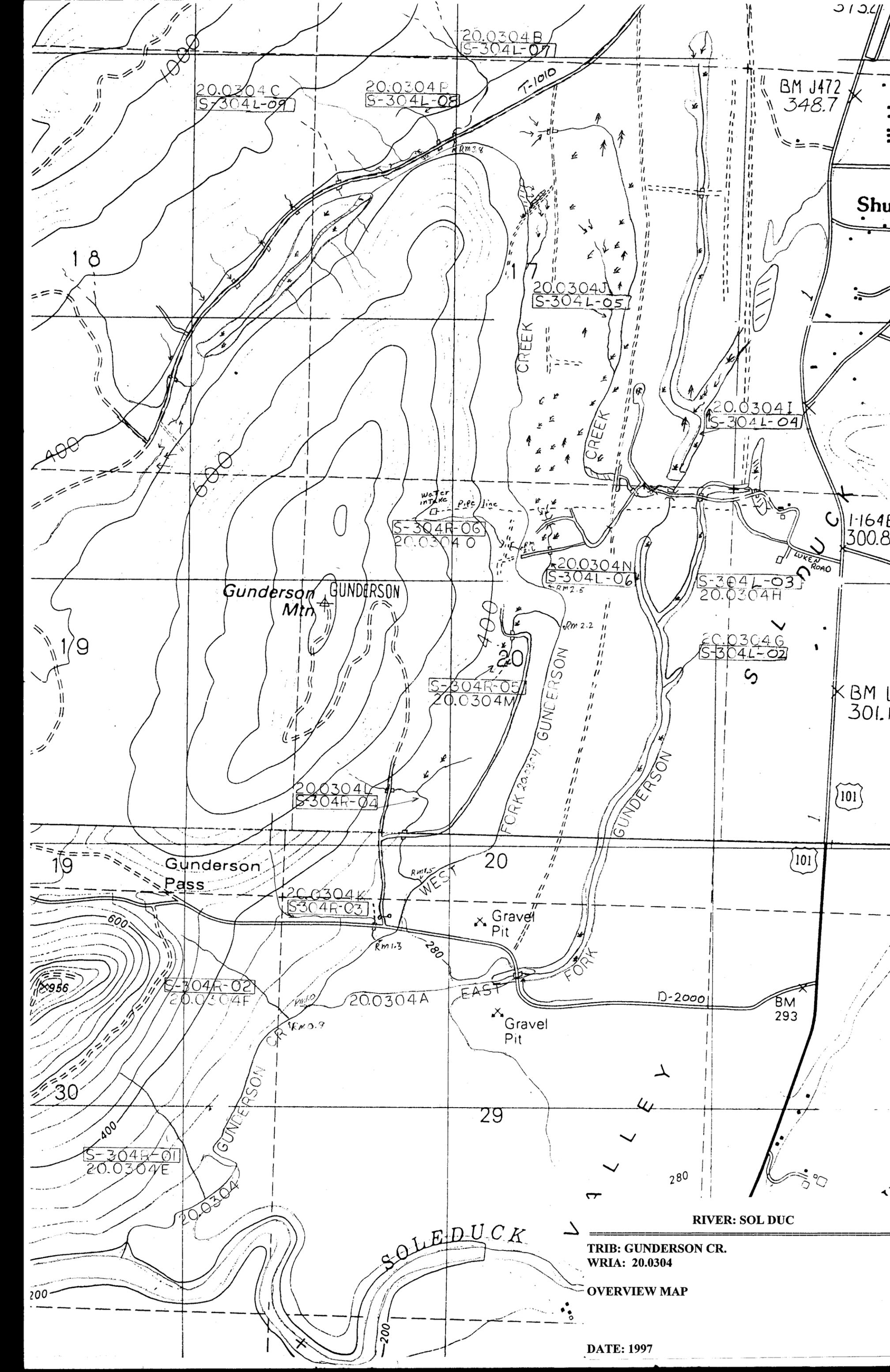
DATE: 2/97

RIVER: SOL DUC

TRIB: W.F.GUNDERSON CR. WRIA: 20.0304
 AREA: S-304L
 SITES: S-304L-06, S-304L-07, S-304L-08, S-304L-09
 WRIA: 20.0304N, 20.0304B, 20.0304P, 20.0304C
 NAMES: Waterworks Marsh, Unnamed, Unnamed, Unnamed

DATE: 2/97

0-2000



20.0304B
S-304L-07

20.0304C
S-304L-09

20.0304P
S-304L-08

BM J472
348.7

20.0304J
S-304L-05

20.0304I
S-304L-04

S-304R-06
20.0304O

20.0304N
S-304L-06

S-304L-03
20.0304H

S-304R-05
20.0304M

20.0304G
S-304L-02

20.0304L
S-304R-04

20.0304K
S-304R-03

S-304R-02
20.0304F

20.0304A

S-304R-01
20.0304E

RIVER: SOL DUC

TRIB: GUNDERSON CR.
WRIA: 20.0304

OVERVIEW MAP

DATE: 1997

