

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES 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: 2/24/99
Site Identifier: S-313R-28	WRIA: 20.0313HH (P)
River Mile Location: 5.25	RB/LB: RB
Local Name: Unnamed	Trib. to: Lake Creek (20.0313)
Legal Description: SE¼ Sec24 T30N R13W	County: Clallam
Habitat Type: Valley Wall Tributary	
Landowner: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Possibly Rayonier Timber Operations Company	

Directions to site:

North from Forks (Hwy 101) to MP 202. Turn left onto East Lake Pleasant Road, then 1.5 mi. to the end of the county road. There will be a gate. The key can be obtained at the Rayonier Timber Operations Company office in Forks. Continue for 0.1 miles, there is a trail off to the left (marked with flagging). Follow the trail to the valley floor past the large spruce trees. Cross S-313L-07 and continue to follow the pink flagging to Lake Creek. Cross Lake Creek and continue up the right bank until a right bank braid of Lake Creek is encountered (120 meters from the lake). Cross the braid and continue upstream on the right bank for about 400 meters (above the beginning of the braid) to S-313R-28. There will be two channel crossings (S-313R-26 and S-313R-27) before S-313R-28.

Site Overview:

This is a short, steep valley wall tributary. It has two egresses due to braiding in the lower reach. The lower 60-meter reach of both egress channels are low gradient and are partially back watered. They have excellent entrance conditions. The next reach is an alluvial fan with intermittent braids. The upper reach flows through a narrow V-notch valley which continues up the valley wall, beyond usable fish habitat. There is an adequate RMZ that provides shade for about 80% of the channel. This channel appears to have excellent trout habitat and provides some off channel, over winter opportunities for coho below the intermittent reach.

Habitat Information:

Water source: Springs and surface runoff

Intermittent/year-around: Unknown, probably intermittent.

Estimated flows (cfs): Lower end: 0.05 - 0.1 Upper end: intermittent
- On 3/20/98 the flow was 0.05 - 0.1

Water temperatures: Lower end: 5.0°C Upper end: 5.5°C
- On 3/20/98 the temp was 8.5°C

Adjacent stream temperature (Upper Lake Creek): 5.5°C

- On 3/20/98 Lake Creek was 8.0°C.

Other water observations:

- Clear water.
- This stream crosses the 9000 mainline and is subject to mud and silt generated by traffic

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.7 - 1.0 m Ponds- NA Wetlands- NA

Depths: Channel- 5 - 15 cm Ponds- NA Wetlands- NA

Total length surveyed (includes ponds and wetlands): 160 m

Total existing habitat area (est.): 100 m²

Spawning area: 0 m²

Impounded area: 0 m²

Other rearing area: 100 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: NA

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The lower 60 meters of both egress channels are low gradient and partially back watered.
- The lower reach lack cover.
- Good overhead shade is provided by spruce, cedar, alder, salmonberry and other brush.

Describe unaccessible habitat:

- There is some steeper stream habitat above the intermittent area. It is very similar to the preceding streams (S-313R-27 and S-313R-26).

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The intermittent area is a side slope wetland under a mature forest.

Flooding potential: Low Medium High

- Lower reach backwaters from Lake Creek.

Fish Information:

Site entry condition to Lake Creek: Poor Fair Good

- This stream enters in a back eddy of Lake Creek.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- The access is good for coho.
- on 3/20/98, numerous 0+ coho fry were observed.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Other species were not observed during the survey. The egress is open and available to them.

Habitat Improvements:

Enhancement opportunities:

- Convince Rayonier they need to put a hard surface on the mainline.
- Maintain integrity of the channel

Additional Comments:

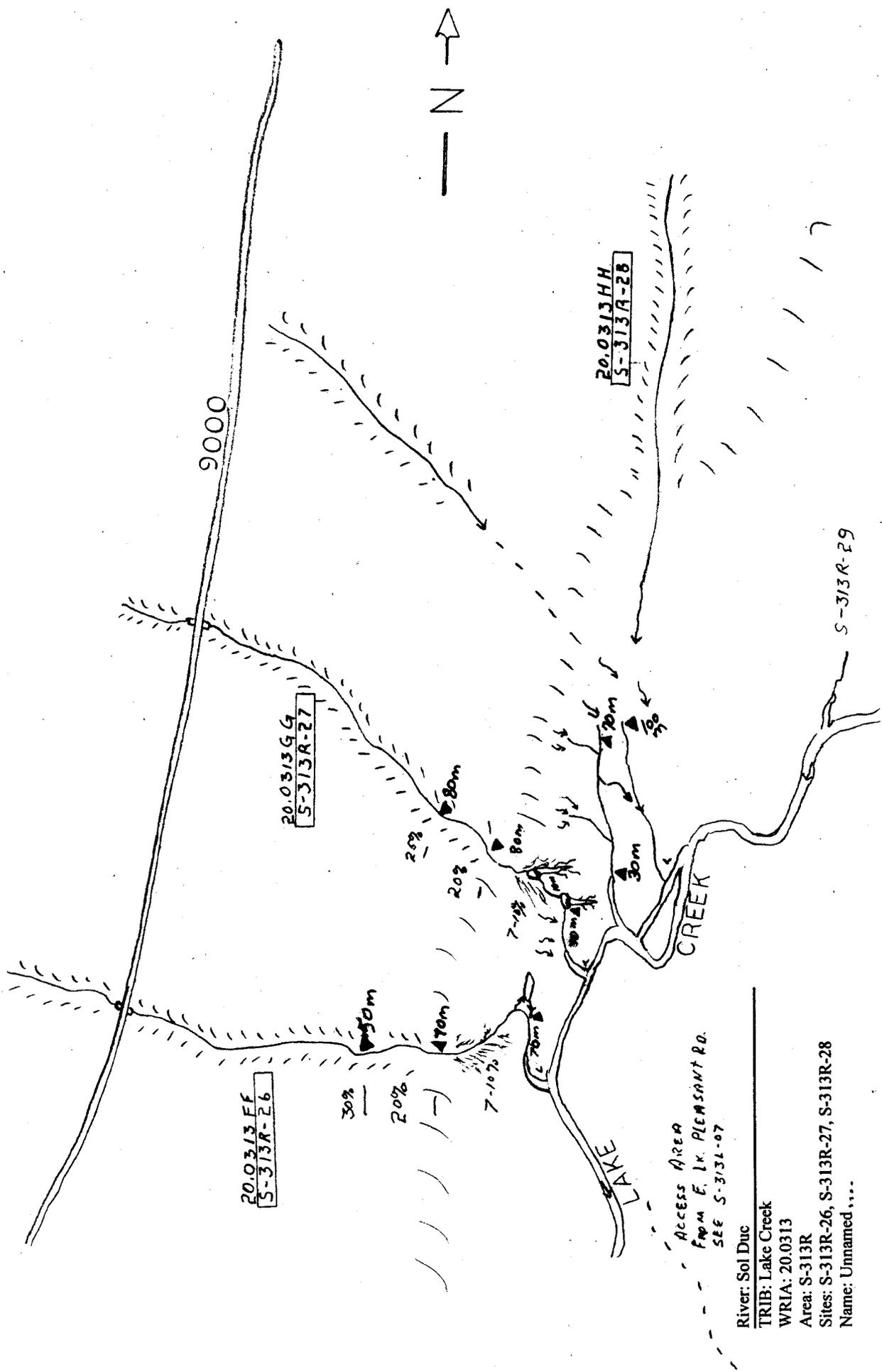
- Could not get G.P.S. readings on 2/4/99.
- This channel was partially surveyed on 3/20/98. Since gradient guide lines changed and G.P.S. points were necessary, this channel was reexamined.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

TYEE HILL



ACCESS AREA
FROM E. K. PLEASANT RD.
SEE S-313L-07

River: Sol Duc
 TRIB: Lake Creek
 WRIA: 20.0313
 Area: S-313R
 Sites: S-313R-26, S-313R-27, S-313R-28
 Name: Unnamed ,...

S-313R-29

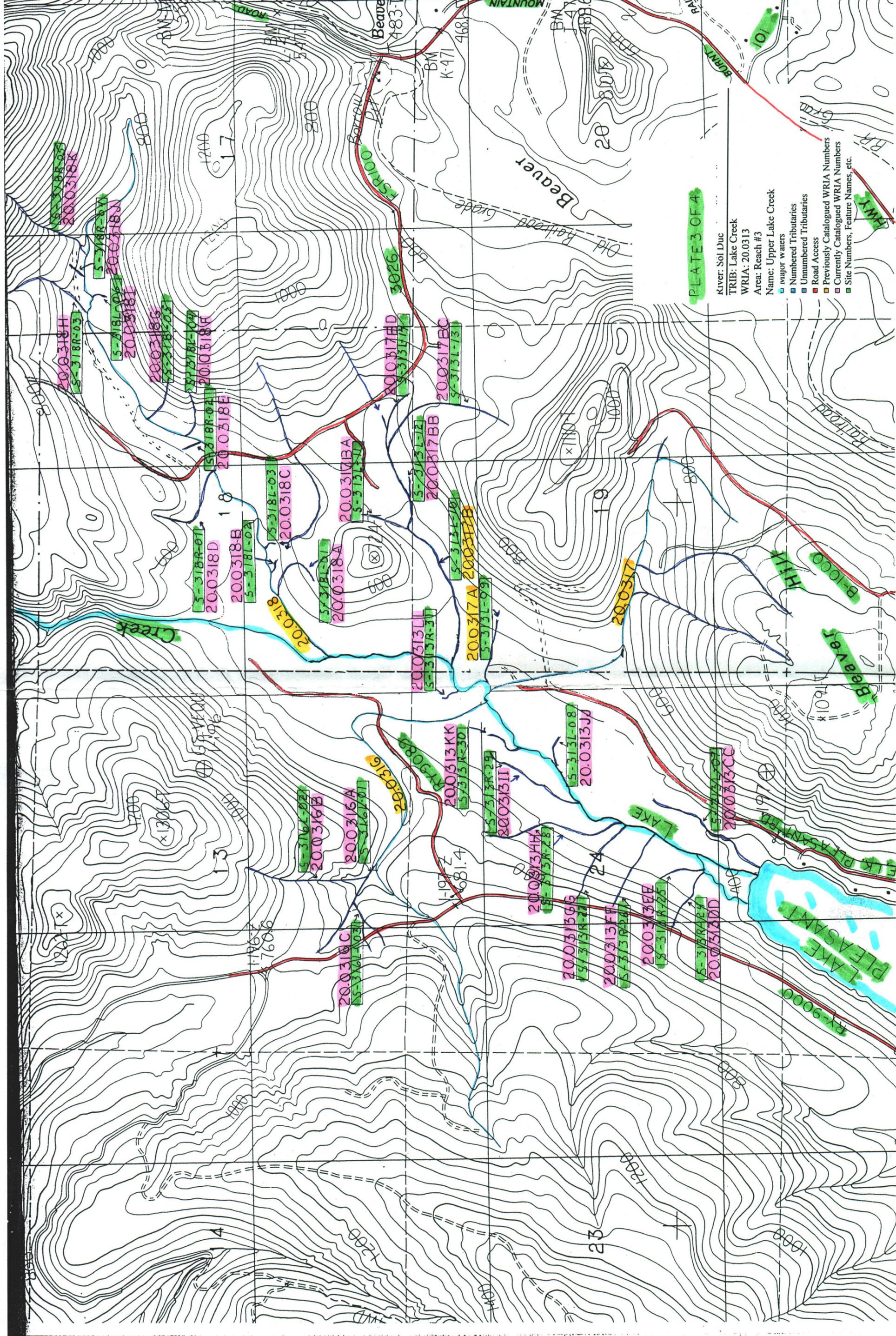


PLATE 3 OF 4

- River: Sol Duc
- TRIB: Lake Creek
- WRIA: 20.0313
- Area: Reach #3
- Name: Upper Lake Creek
- Major waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.

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TRIB: Lake Creek

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