cc Zeigler
Turley

F & G
copies

Date: 5-23-78

Thorne Bay

Fish Stream Survey Report

103-10-042

Camp 1/2 WAY HOUSE Stream Name(ID) Shacken Cr

Road#_____ Station#_____ Unit# 43-17 RP#_____

Quad Map C-4 Section 13 Chick Map AND H-SPUR Section____

Fish Present	Yes	No
Above Road Crossing	X	
Below Road Crossing	X	
Within Unit Boundary	X	
Below Unit Boundary	X	

Species Present/Stage of Development Coho/Fry, DV/Fry
Cutthroat/Fry

Type of Fish Habitat

Salmon Spawning Area X sq yds Describe_____
Salmon Rearing Area X sq yds Describe_____
Other DV CT Area REARING sq yds Describe_____

Stream Sketch or Map: Attach supplement if necessary:

Method(s) used to determine presence of fish:

	Date	#Fish	Approx Length	Gear	Length of Time Fished
ST #1	5-23-78	3 Coho	2"	Shacker	4 min
		2 Coho	2½"		
		1 CT	1½"		
		3 DV	2"		
		[illegible]	1½"		
T#2	5-23-78	1 CT	3"	Shacker	2 min
		1 Coho	2"		
		1 Coho	2½"		
		[illegible]	3"		

Is future fish habitat enhancement possible? Yes_____ No X

If yes Describe:

~~Road and~~ Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags AND/OR ORANGE Yes X No_____

Fish stream(s) flagged with blue stripe tape Yes X No_____

Stream(s) traversed-If so attach traverse notes Yes_____ No X

Additional parameter information necessary, Yes_____ No X

If so attached completed fish stream parameter Data form

Pertinent Wildlife Information:

Bear Sign
Wolf Sign
Deer Sign

Comments:

Survey Crew Members: Signature Carl Racchini Cathy Rose Date 5-26-78

Report Reviewed By Michael E. Nancy Signature Forester Title 5-26-78 Date

Recommendations:

Directional falling (to include lining on salmon spawning streams), 48 hour cleanup and yarding away or full suspension over required for all blue & white stripe flagged streams including Main Shaheen or portions there of (#1,2,3,4). Chunk clean stream # + #4 above salmon habitat to unit boundary. Chunk clean flagged (orange stripe) portion of streams #5 & #6. Stream #3 and main shaheen are salmon spawners. Time activities to mitigate impact - Schedule F & B & yard to avoid spawning salmon. Fish passage culvert required at junction of stream #1 and main road. Culverts required at #6 and #7 - Nancy

Stream #1 - Stream enters UNIT 43-17 at the southern end of the UNIT. It forms the UNIT BDRY. for about 150' before entering Shaheen. Stream intersects main road south of UNIT 43-17 and turns northeast into H-spur. Coho habitat ends at main road. Fish habitat ends at H-spur.

Stream #2 - This STREAM is 2 to 5 feet wide with large gravel substrate. The stream had only a few pools. Heavy siltation was present in this stream after a rainstorm. This reduced visibility. Therefore we shocked this stream heavier than normal.

Stream #5

- Stream enters the UNIT at the northern end. It is excellent [illegible] spawning habitat [illegible] medium [illegible] gravel [illegible] with [illegible] pools and undercut banks. Medium flow rate. 3% slope. Stream intersects the [illegible] at a bridge. Stream was [illegible] from Shaheen to the streams [illegible] the UNIT Bdry, above the road.

Yellowhouse 5-28-8

UNIT #3-17

Stream #4

Stream branches from #3 just below the road and flows through a culvert. Salmon habitat continues 200' above the road. Fish habitat continues 100' further. Stream was flagged and tagged.

Stream #5 -

Stream enters #4 about 450' above the road. The stream was flagged orange and white for 50'.

H - Spur

Stream #6

8' wide, moderate flow, occasional pools. Stream was flagged orange and white from H-Spur to it's junction with the East Fork of Shaheen. Tag was placed at the road.

Stream #7

[illegible] wide, 80% slope. No [illegible] was found.

Yarding House 5-23 78

UNIT 43-17

Recommendations:

Stream #1 - Stream was rocked over at it's junction with H-spur. A culvert is currently being installed. A fish passage culvert is required at the main road junction. 48 hr. clean-up is necessary inside UNIT 43-17. Directional falling, yarding away or full suspension should be used, if possible.

Stream #2 - Directional falling, yarding away or full suspension over and 48 hour cleanup is needed for salmon habitat. Chunk cleaning in fish habitat will also be required.

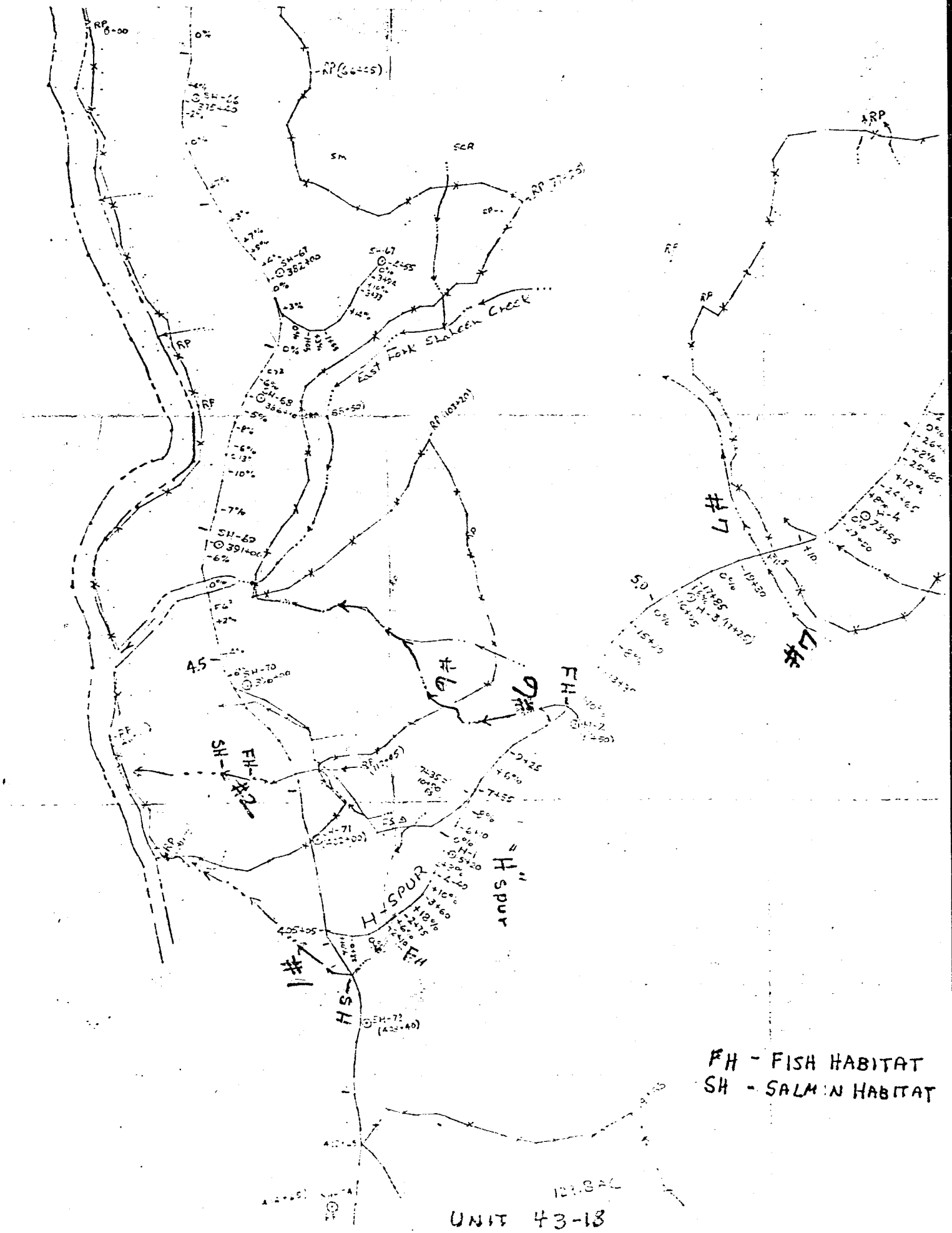
Stream #3 - Since this stream is both rearing and spawning habitat, directional falling (to include lining) and yarding away (or full suspension over) is recommended. 48 hr. cleanup of debris is also needed.

Stream #4 - Full suspension of logs and 48 hr. clean up are required. - Directional falling

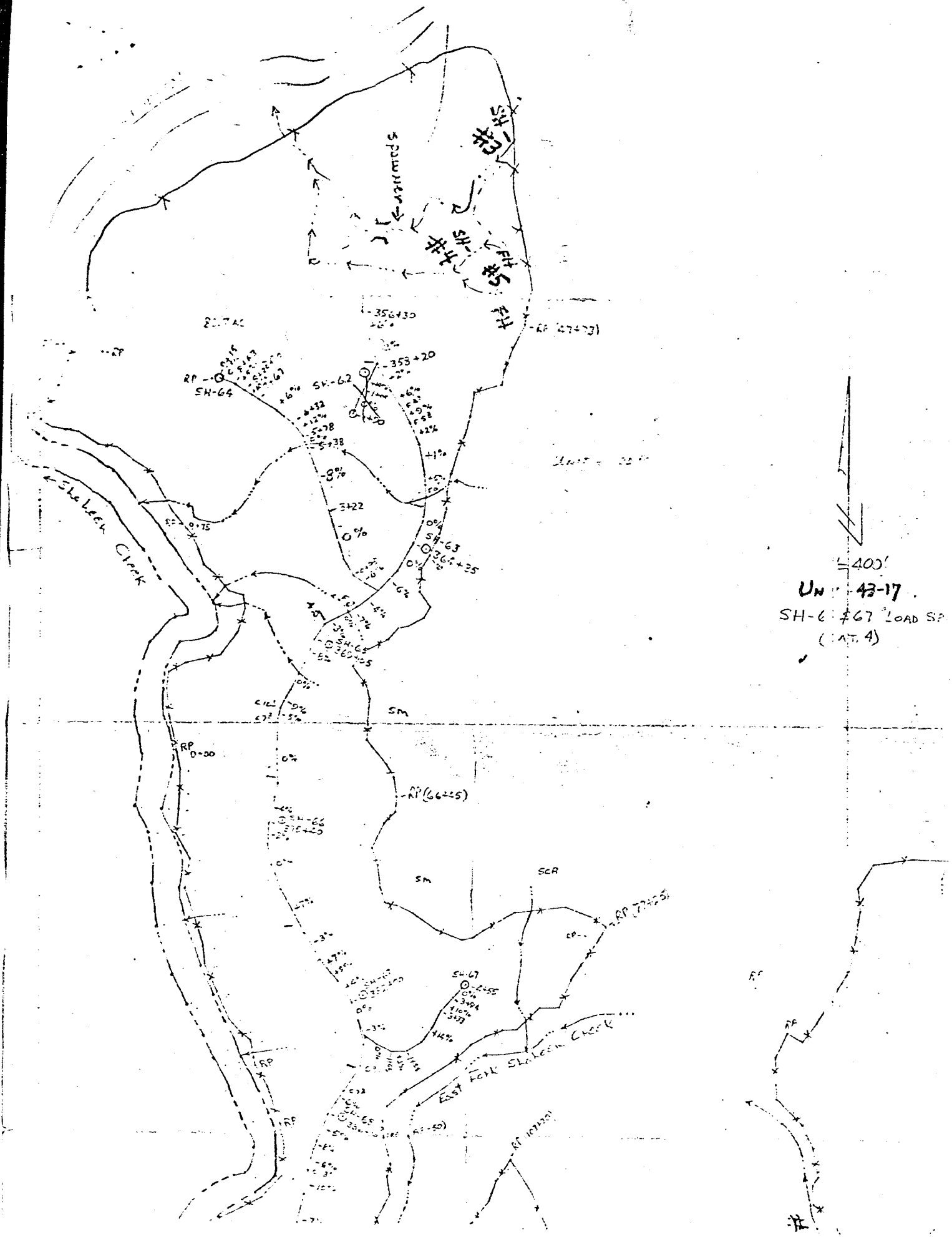
Stream #5 - Chunk cleaning.

Stream #6 - A culvert is necessary at the main road, but fish passage is not. Chunk cleaning within the unit and at the main road is required.

Stream #7 - A culvert is needed at the main road. Fish passage is not needed.


East Fork Shaheen Creek
H-SPUR
"H" spur
FH - FISH HABITAT
SH - SALMON HABITAT

UNIT 43-13



SH-#3
SH-#4
FH #5
FH
SH-64
SH-62
SH-63
SH-65
SH-66
SH-67
Shaleen Creek
East Fork Shaleen Creek
SM
SCR
RP
400'
UN 43-17
SH-6 #67 LOAD SP
(AT. 4)