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cc. Fred Zeigler
Kathy Rose
Kim Turley

Date: 5-25-78

Fish Stream Survey Report

Thorne Bay

10.5-90-042

Camp ½ Way House

Stream Name(ID) Shakeen Cr

Road# _____ Station# _____ Unit# 43-18 RP# _____

Quad Map _____ Section _____ Chick Map _____ Section _____

Fish Present Yes X No _____

Above Road Crossing		X
Below Road Crossing	X	
Within Unit Boundary	X	
Below Unit Boundary	X	

Species Present/Stage of Development Coho/FRY, Dolly Varden/FRY - Cutthroat/FRY

Type of Fish Habitat

Salmon Spawning Area _____	sq yds	Describe _____
Salmon Rearing Area X	sq yds	Describe _____
Other C.V. 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
5-25-78	2 Coho	2"	Shocker	10 MIN.
	1 DV	3½"		
	4 DV	2"		
	1 DV	3"		
	1 DV	4½"		
	2 C.T.	2"		4 MIN
	9 Coho	1"		
	2 D.V	2"		
	4 D.V	3"		

[illegible] #3	25 [illegible]	1 DV.	2"		
		1 DV	2½"	[illegible]	31.14
		1 DV.	4"		
[illegible] # [illegible]	25 [illegible]	3 DV	2"		2 min
		3 DV	3"		
		1 DV	1"		
STeam #2A	5-25-78	1 D.V.	2½"		½ min

Is future fish habitat enhancement possible? Yes X No ____
If yes Describe:

~~Road and~~ Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags Yes X No ____
Fish stream(s) flagged with blue and/or orange 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:
Deer Sign
Bear Sign
Wolf Sign

Comments:
See Recommendations on following page

Survey Crew Members: Signature Date
Carl Racchini 5-[illegible]-78
Kathy Rose

Report Reviewed By Michael C. Navy Forester 5-30-[illegible]
Signature Title Date

Recommendations:

Directional falling, yarding away or full suspension over and 48 hour clean up required on Blue & white striped portions of streams #1 & #2 Chunk clean streams #1 & 2 above salmon habitat. Chunk clean streams #2a, 3 and #4. Culverts should be placed concurrently with [illegible] building on streams #1, #2 and #3 – Navy

Stream #4

Dolly Varden stream cuts up into unit 43-18 just inside the company boundary. Flagged 200' with orange and white; tagged at UNIT BDRY.

Recommendations:

No fish passage culverts are necessary on the 5400 rd in UNIT 43-18.

Streams #1 and 2 - #8 hour clean-up, directional falling and full suspension over or yarding away required. Culverts should be installed concurrently with road building at these crossings

Streams #2a, 3 and 4 - Chunk cleaning. Culvert should be installed on stream #3 at start of road construction.

Streams #1 and 2 should be chunk cleaned [illegible] salmon habitat

This stream is 3 to 6 feet wide with undercut banks and gravel substrate. The first 150 feet of stream #1 provides good coho rearing habitat. The stream was flagged with blue and white strip flagging to the end of the salmon habitat. The slope increased to 12% and the stream was flagged with orange stripe to the end of the Dolly Varden habitat. An aluminum tag was placed at the unit boundary along Shaheen Creek.

STREAM #2

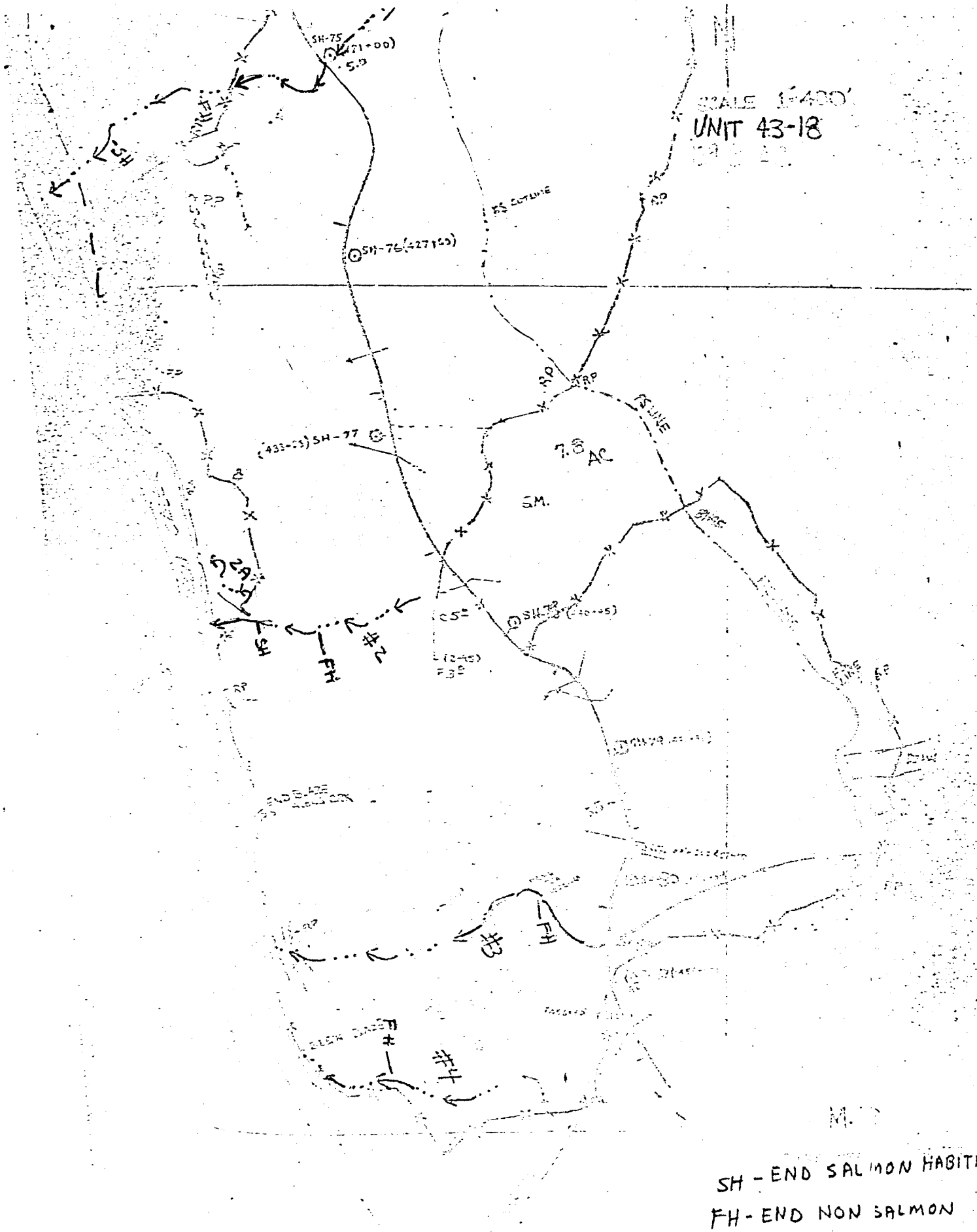
4' wide with [illegible] flow. [illegible]0' up from Shaheen was flagged salmon habitat. 350' further upstream was flagged non-salmon habitat.

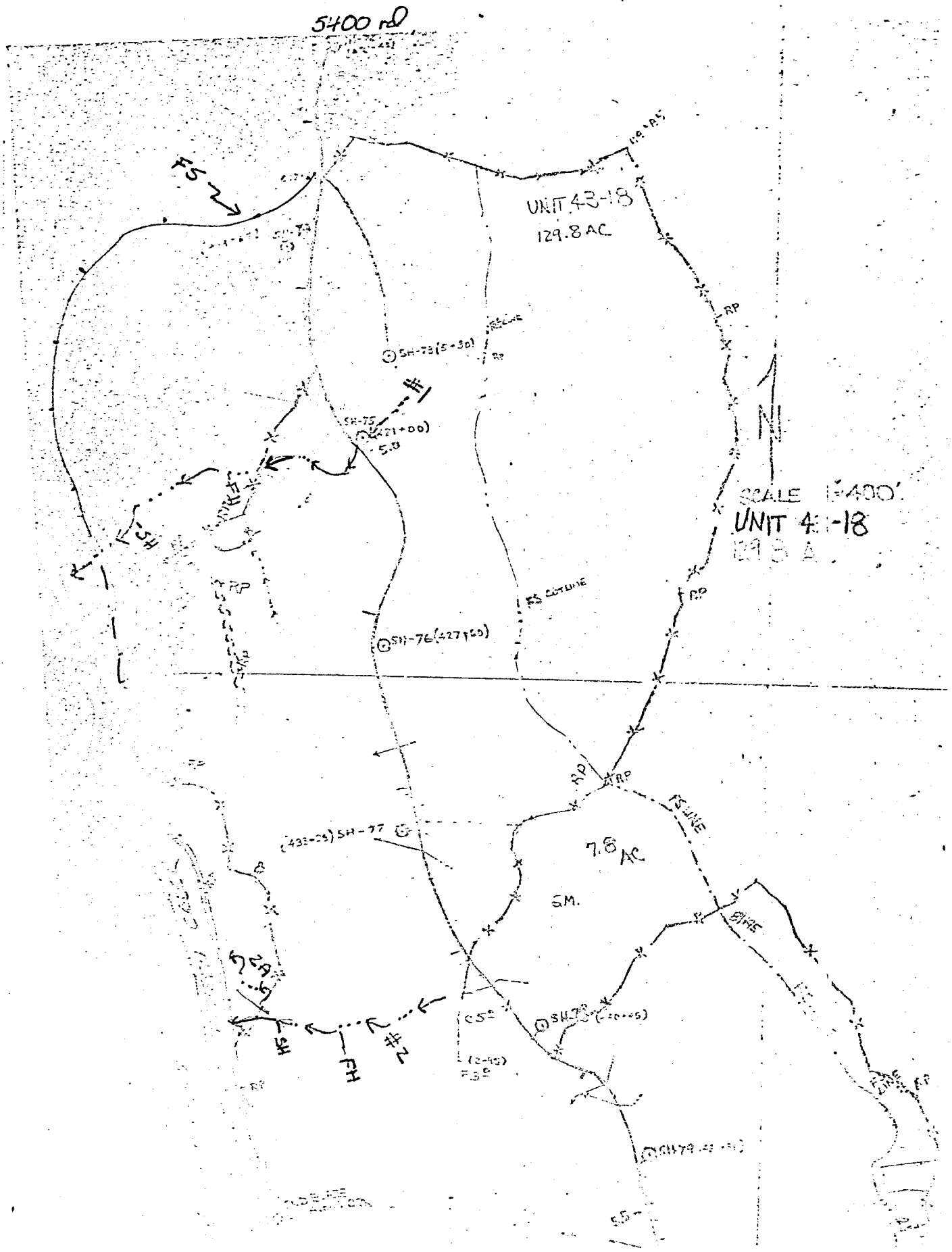
STREAM #2a

Small [illegible] stream #2 meanders parallel to Shaheen for 200' before drying up. Entire length of stream was flagged orange and [illegible].

STREAM #3

5' wide rapid flowing stream. Flagged orange and white for 800'. Tagged at [illegible]


SCALE 1"=400'
UNIT 43-18
SH-75
SH-76
SH-77
7.8 AC
SM.
#2
#3
#4
FH
SH
RP
SH - END SALMON HABITAT
FH - END NON SALMON


5400 rd
FS
UNIT 43-18
129.8 AC
RP
SH-73 (5+30)
SH-75
(471+00)
5.0
#1
SH
FH
RP
SH-76 (427+50)
FS COTLINE
N
SCALE 1"=400'
UNIT 43-18
129.8 A
RP
RP
RP
FS LINE
(433+25) SH-77
7.8 AC
SM.
#2
SH
FH
C5
F3
SH-78 (-40+45)
SH-79
RP