cc Pete Mondick
Fred Zeigler
Fish & Game

Date: 26 SEPT 1978

Fish Stream Survey Report

#102-70-58
WEST FORK OF

Camp THORNE BAY / NORTH THORNE RIVER Stream Name(ID) NORTH THORNE RIVER
NORTH THORNE RIVER ROAD

Road# 5051.02 Station# _____ Unit# 8-6 RP# _____

Quad Map _____ Section _____ Chick Map 33 OF 55 Section 17

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

Species Present/Stage of Development COHO (SMOLT & FRY)
DOLLY VARDEN (ADULT/FRY); CUTTHROAT (ADULT/FRY); RAINBOW (ADULT/FRY)

Type of Fish Habitat

Salmon Spawning Area _____ sq yds Describe _____
Salmon Rearing Area _____ sq yds Describe _____
Other _____ Area _____ sq yds Describe _____

Stream Sketch or Map: Attach supplement if necessary:

SEE SUPPLEMENT

Method(s) used to determine presence of fish:

Date	#Fish	Approx Length	Gear	Length of Time Fished	STREAM No.
26 SEPT 1978	3 - DOLLY VARDEN	1 1/2"	SHOCKER	—	#2
	1 - DOLLY VARDEN	5"			#2
	1 - RAINBOW	4 1/2"			#2
	3 - DOLLY VARDEN	3 1/2"			#3
	4 - DOLLY VARDEN	1 1/4"			#3
	2 - DOLLY VARDEN	4"			#3
	2 - COHO	1 1/4"			#4
	3 - COHO	2 1/2"			#4

TE	# FISH	APPROX. LENGTH	GEAR	TIME FISHED	STREAM No.
SEPT	1 - DOLLY VARDEN	3"	SHOCKER	—	#4
	1 - COHO	1 1/4"			#5
	1 - COHO	2 1/2"			#5
	1 - DOLLY VARDEN	2 1/2"			#5
	1 - RAINBOW	5 1/2"			#6
	1 - DOLLY VARDEN	5 1/2"			#7
	1 - RAINBOW	1 1/2"			#7
	1 - RAINBOW	2"			#7
	1 - RAINBOW	2 1/2"			#7

Is future fish habitat enhancement possible? Yes_____ No ✓
If yes Describe:

~~Boundary~~ Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags ORANGE STRIPE &/OR Yes ✓ No_____
Fish stream(s) flagged with blue stripe tape Yes ✓ No_____
Stream(s) traversed-If so attach traverse notes Yes_____ No_____
Additional parameter information necessary, Yes_____ No ✓
If so attached completed fish stream parameter Data form

Pertinent Wildlife Information:
LOT OF DEER & BEAR TRACKS ALONG STREAM BANKS AND ALONG WEST FORK OF NORTH THORNE RIVER

Comments: LOGGING HAS BEEN COMPLETED IN UNIT 8-6.
SEE SUPPLEMENT FOR RECOMMENDATIONS ON STREAM CLEAN UP.

Survey Crew Members:	Signature	Date
LAURA A MOLL	Laura A Moll	27 SEPT 1978
JIM GRUBER	Jim Gruber	27 SEPT 78

Report Reviewed By Michael E Navy (Signature) Forester (Title) 10-9-78 (Date)

Recommendations:
Recommend remedial fish stream clean up as suggested in attached write up - Cleaning should commence as soon as possible - Mike

THORNE BAY / WEST FORK OF NORTH THORNE RIVER
UNIT 8-6
26 SEPT 1978

STREAM #2

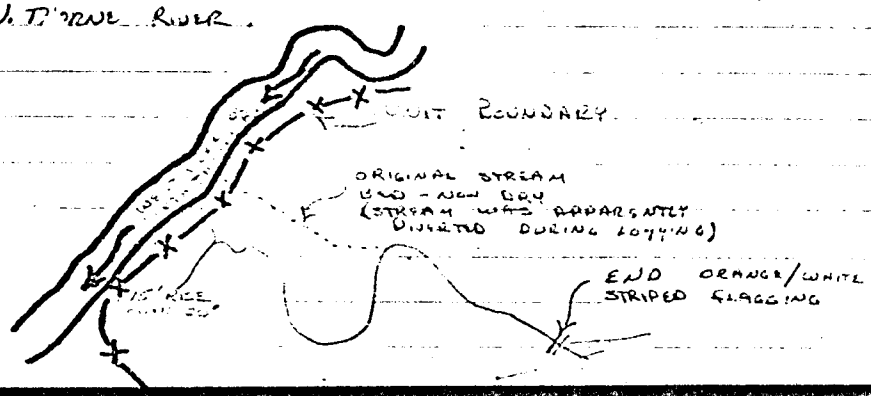
THIS STREAM IS 3' WIDE, & 4" TO 6" DEEP. WITH SAND/GRAVEL SUBSTRATE AND 18" TO 24" HIGH MOSS BANKS. FOUR DOLLY VARDEN AND ONE RAINBOW SHOCKED OUTSIDE THE UNIT BOUNDARY; NO FISH SHOCKED INSIDE UNIT.

NOT FLAGGED OR TAGGED DUE TO LACK OF FISH HABITAT INSIDE UNIT 8-6.

STREAM #3

THIS STREAM IS 2-3' WIDE, AND ~4" DEEP WITH SAND/GRAVEL/SILT SUBSTRATE. IN THE FIRST 20' UPSTREAM FROM THE UNIT BOUNDARY (ON THE BANK OF THE WEST FORK OF THE NORTH THORNE RIVER) THE STREAM RISES 15', BEYOND THIS POINT THE STREAM GRADIENT IS ~10%. THIS STREAM IS EXCELLENT RESIDENT FISH HABITAT. SHOCKED NINE DOLLY VARDEN INSIDE THE UNIT BOUNDARY.

SLASH AND CHUNK CLEANING ARE RECOMMENDED. FLAGGED 100 ft UPSTREAM WITH ORANGE/WHITE STRIPED FLAGGING. ABOVE THIS, SKID TRAILS OBLITERATED ALL FISH HABITAT. TAGGED AT UNIT BOUNDARY/W. FORK OF N. THORNE RIVER.



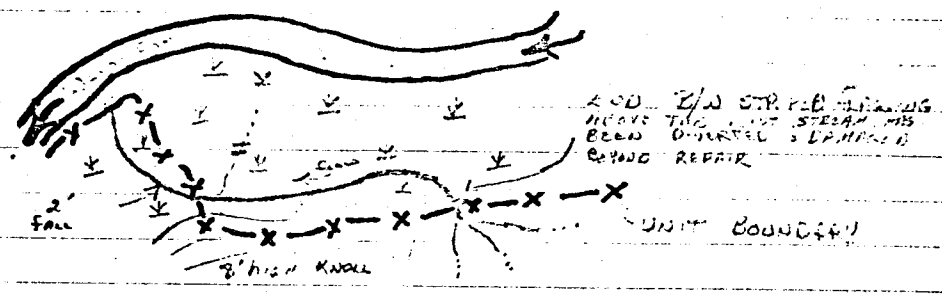
THORNE BAY / WEST FORK OF NORTH THORNE RIVER
UNIT 8-6
26 SEPT 1978

STREAM #4

THIS STREAM IS 3' TO 4' WIDE, 4" TO 6" DEEP WITH SILT/SAND/GRAVEL SUBSTRATE AND 2' TO 4' MUD/GRASS BANKS. HEAVY SILT BUILD UP IN STREAM. STREAM #4 FLOWS INSIDE UNIT, THEN CROSSES BELOW UNIT AND PARALLELS BOUNDARY, AND FINALLY CROSSES BACK INTO THE UNIT (SEE STREAM MAP). LOWER PORTION OF STREAM IS COHO REARING HABITAT WHICH ENDS WHEN STREAM CROSSES BACK INTO THE UNIT. SHOCKED 7 COHO AND 14 COHO YARDEN IN STREAM #4

FLAGGED BLUE/WHITE STRIPE FROM UNIT BOUNDARY/WEST FORK OF NO. THORNE RIVER TO SECOND UNIT BOUNDARY CROSSING, ~800' TO 900'. TIED AT UNIT BOUNDARY/WEST FORK OF NO. THORNE RIVER.

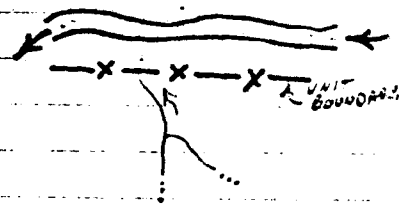
RECOMMEND FLOW CLEAN UP OF SILT AND DEBRIS IN COHO HABITAT (BLUE/WHITE STRIPE FLAGGING). SLASH IS FAIRLY HEAVY INSIDE UNIT.



THORNE BAY / WEST FORK OF NORTH THORNE RIVER
UNIT 8-6
26 SEPT 1978

STREAM #5

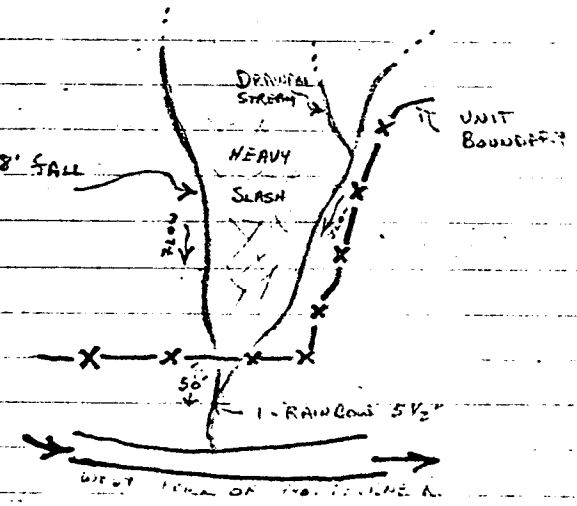
HABITAT INSIDE UNIT IS FAIRLY DESTROYED AND BEYOND REPAIR. SHOCKED 2 COHO AND ONE DOLLY VARDEN BELOW THE UNIT BOUNDARY; NO FISH SHOCKED INSIDE UNIT. STREAM GRADIENT IS > 10% INSIDE UNIT.



STREAM #5 WAS NOT FLAGGED OR TAGGED.

STREAM #6

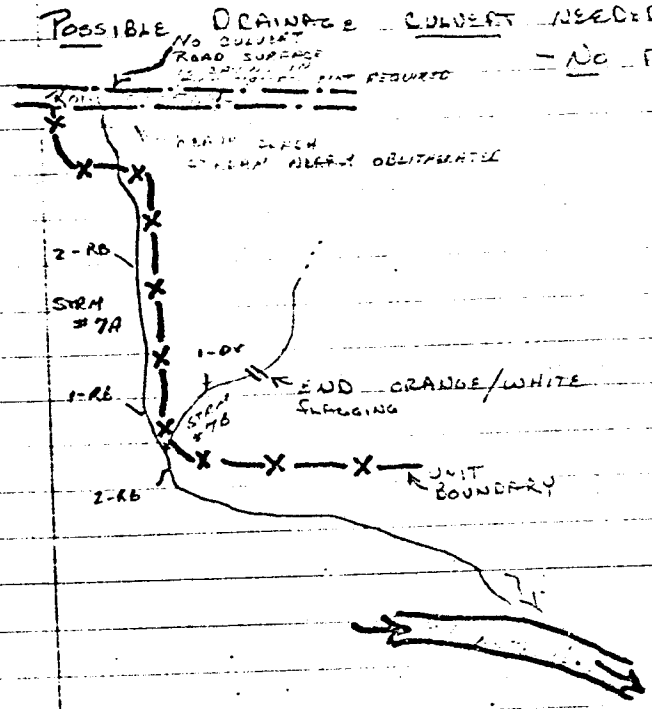
HABITAT INSIDE UNIT IS OBSTRUCTED BY SLASH AND DEBRIS. ONE RAINBOW SHOCKED 50' BELOW UNIT BOUNDARY; NO FISH SHOCKED INSIDE UNIT. STREAM WAS NOT FLAGGED OR TAGGED DUE TO LACK OF FISH HABITAT.

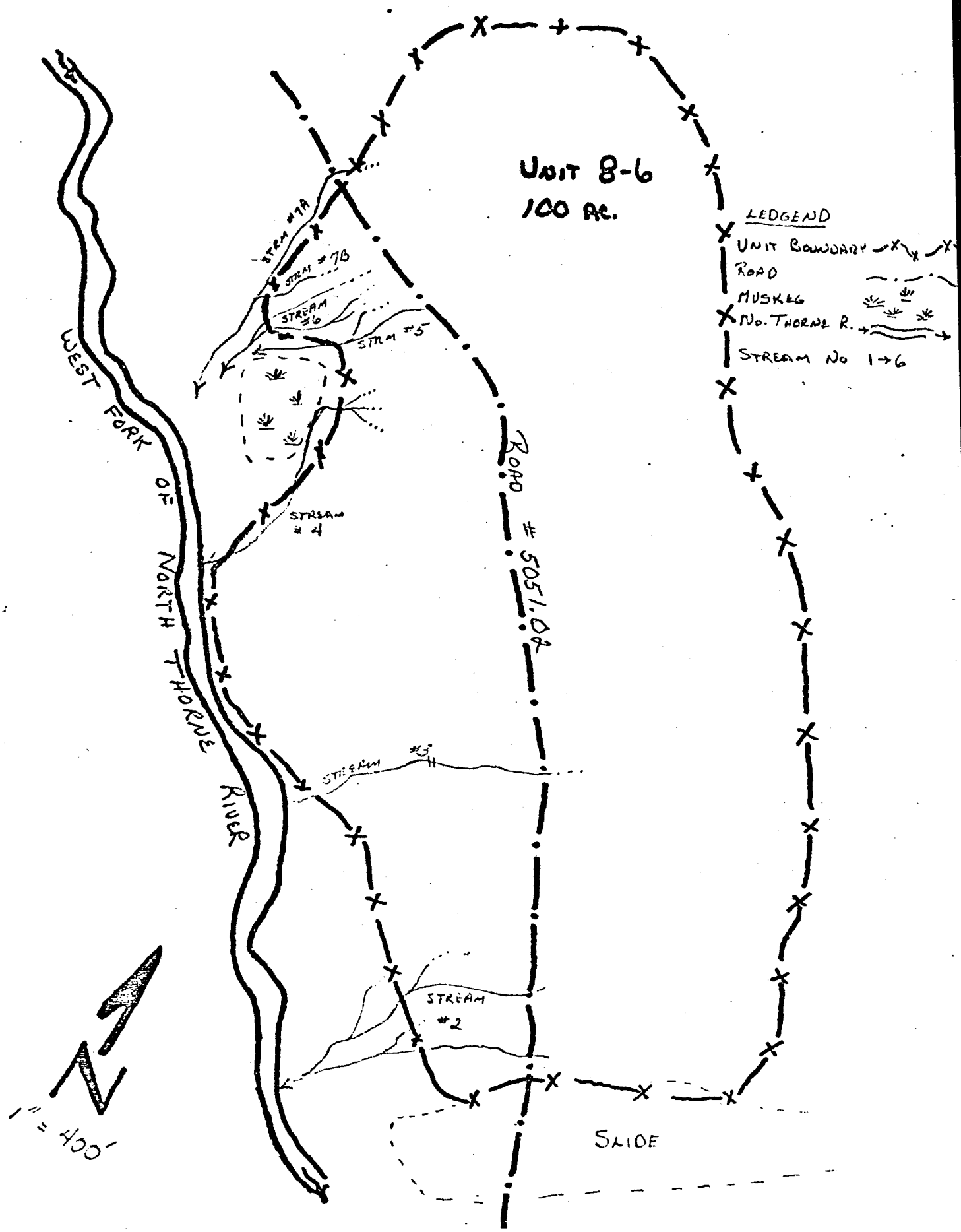


THORNE BAY / WEST FORK OF NORTH THORNE RIVER
UNIT 8-6
26 SEPT 1978

STREAM #7

THE STREAM FLOWS ALONG THE NORTH-WEST UNIT BOUNDARY. IT IS 3' WIDE, AND 4" DEEP WITH A SAND/SILT/GRAVEL SUBSTRATE. INSIDE UNIT, STREAM HAS A 20% SLOPE AND A 25-30' RISE OVER 100' INSIDE UNIT. STREAM IS GOOD RESIDENT FISH HABITAT — LOCKED FIVE RAINBOW TROUT FRY AND ONE COLLY VARDEN IN STREAMS. FLAGGED ORANGE/WHITE STRIPE ON STREAM #7B FROM UNIT BOUNDARY FOR 100 ft INSIDE UNIT. DID NOT TAG THE PORTION OF STREAM #7 THAT PARALLELS THE NW UNIT BOUNDARY. HAS MANY TREES BROWSE OVER THE STREAM REC FROM A LEAVE STRIP — NO SLASH OR DEBRIS IN STREAMS. NO CLEAN UP RECOMMENDED ON #7A. FISH HABITAT ON STREAM #7A ENDS BEFORE STREAM ENTERS UNIT. POSSIBLE DRAINAGE CULVERT NEEDED ON ROAD #5051.01 — NO FISH PASSAGE REQUIRED.




UNIT 8-6
100 AC.
LEDGEND
UNIT BOUNDARY
ROAD
MUSKEG
NO. THORNE R.
STREAM NO 1→6
STREAM #7A
STREAM #7B
STREAM #6
STREAM #5
STREAM #4
STREAM #3
STREAM #2
ROAD # 5051.02
WEST FORK OF NORTH THORNE RIVER
SLIDE
1" = 400'