cc Len [illegible]
Mike Lorton
Fish and Game

Date: 5-9-79

Fish Stream Survey Report

#103-80-031

Camp PORT ALICE

Stream Name(ID) CHUCK CREEK

Road# 5738 Station# _____ Unit# CHUCK CREEK BLOWDOWN UNIT RP# _____

Quad Map _____ Section _____ Chick Map _____ 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 & STEELHEAD - ADULT

Type of Fish Habitat

Salmon Spawning Area X sq yds Describe FAIR TO GOOD
Salmon Rearing Area X sq yds Describe EXCELLENT
Other STEELHEAD Area X sq yds Describe GOOD

Stream Sketch or Map: Attach supplement if necessary:
SEE ATTACHED SUPPLEMENT

Method(s) used to determine presence of fish:

Date	#Fish	Approx Length	Gear	Length of Time Fished
5-7-79	200-300 COHO	1½" TO 4½" (FRY)	OBSERVED	—
5-8-79	1 ADULT STEELHEAD	16"	OBSERVED	—
5-8-79	2 SOCKEYE	4½"	OBSERVED (MORTALIZES)	—

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 Yes _____ No X
Fish stream(s) flagged with blue stripe tape Yes _____ No X
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 & BEAVER SIGN OBSERVED

Comments: THE STREAM HAS CONSIDERABLE BLOWDOWN IN IT, WITH THE BLOWDOWN CREATING SEVERAL PROBABLE BARRIERS TO ADULT SPAWNING SALMON. THESE SHOULD BE REMOVED BUT BLOWDOWN MARKED WITH BLUE FLAGGING SHOULD REMAIN AS IT LIES AS TO PROVIDE COVER & TO STABILIZE STREAM BANKS. (REMOVAL OF BARRIERS SHOULD BE PRIOR TO 15/AUG/79)

Survey Crew Members:	Signature	Date
ROD COREY	Rod Corey	5-10-79
JIM GRUBER	James B. Gruber	5-10-79

Report Reviewed By Mike Navy (Signature) Forester (Title) 5-11-79 (Date)

Recommendations: See attached pages and Chuck Creek E.A.R for Blowdown removal prescriptions

CHUCK CREEK #103-80-031

THIS STREAM IS APPROX. 20-30 FT. IN WIDTH, SOME 6 TO 20 INCHES IN DEPTH, WITH A SUBSTRATE OF ROCK / LARGE GRAVEL / BEDROCK. CHUCK CREEK IS A CATALOGED FISH STREAM WITH PINK, COHO, SOCKEYE, AND STEELHEAD UTILIZATION. SPAWNING HABITAT IS CONSIDERED FAIR TO GOOD WITH MOST SPAWNING TAKING PLACE IN TRIBUTARIES FLOWING INTO CHUCK LAKE. THE STREAM IS VERY EXCELLENT COHO REARING HABITAT AS APPROX. 300 COHO FRY WERE NOTED DURING CASUAL OBSERVATION.

STREAM WAS NEITHER TAGGED NOR FLAGGED, BUT SHOULD BE CONSIDERED SALMON SPAWNING AND REARING HABITAT. STREAM IS ALSO NOTED AS TEMPERATURE SENSITIVE.

ON STREAM SURVEY (5-7-79 & 5-8-79) CONSIDERABLE WINDTHROW WAS OBSERVED LYING BOTH IN CREEK BED AND SUSPENDED OVER STREAM. MOST OF THIS WINDTHROW IS TO BE REMOVED recent with yarding activities TO PREVENT BARRIERS TO ADULT SPAWNING SALMON PRIOR TO 15/AUG./79, BUT BLOWDOWN MARKED WITH BLUE FLAGGING (TREES AND ROOTWADS) IS TO BE LEFT TO PROVIDE COVER AND TO STABILIZE STREAM BANKS. TREES FLAGGED WITH

RECOMMENDATIONS:

1.) REFER TO PRESCRIPTIVE DIRECTIONS FOR SPECIAL PROMBLEM AREAS (FLAGGED IN YELLOW)

2.) REMOVAL OF WINDTHROW FROM STREAM between May 15th and June 30th 1979

3.) ALL TREES AND ROOT WADS FLAGGED WITH BLUE RIBBON SHOULD REMAIN AS THEY LIE.

4.) 48 HOUR CLEAN-UP OF DEBRIS CAUSED BY LOGGING ACTIVITY.

5.) CLEAN-UP OF BLOWDOWN DEBRIS IN stream WITHIN UNIT AREA CONCURRENT WITH YARDING ACTIVITY.

6.) YARDING OF TREES IN STREAMBED SHOULD BE DONE TREE-LENGTH (I.E. ENTIRE TREE SHOULD YARDED OUT BEFORE LIMBING OR TOPPING) UNLESS OTHERWISE STATED. - Root wads on larger trees (>30" dbh) should be bucked off in place - Root wads on smaller trees should be yarded out with butt log

7.) BLOWDOWN ON FAR SIDE (LEFT BANK) OF STREAM SHOULD NOT BE YARDED ACROSS STREAM UNLESS TREE IS ALREADY LYING IN STREAMBED.

8. No limbing in stream course

9.) DIRECTIONAL FALLING AND YARDING AWAY FROM STREAM AS APPLICABLE.

10.) IF POSSIBLE, SOMEONE FROM TIMBER OR FISHERIES SHOULD BE ON HAND DURING YARDING CONTEND WITH ANY PROBLEMS THAT MAY ARISE.

11.) ROOT WADS ON larger trees (> 30" DBH) NOT MARKED IN BLUE FLAGGING CAN BE YARDED TO STAND "UPRIGHT" BUT SHOULD NOT BE YARDED OR DRAGGED FROM THEIR ORIGINAL POSITIONS.

PRESCRIPTIVE DIRECTIONS (YELLOW FLAGGING)

1.) APPROX. 1050 FT. ABOVE BRIDGE CROSSING (ROAD # 5938) THERE ARE 6 TO 7 TREES SUSPENDED OVER STREAM (25 TO 35' ABOVE STREAM BED) ON A "V" NOTCH. THESE TREES SHOULD ONLY BE REMOVED IF IT CAN BE SAFELY DONE AND WITHOUT DROPPING TIMBER INTO STREAM.

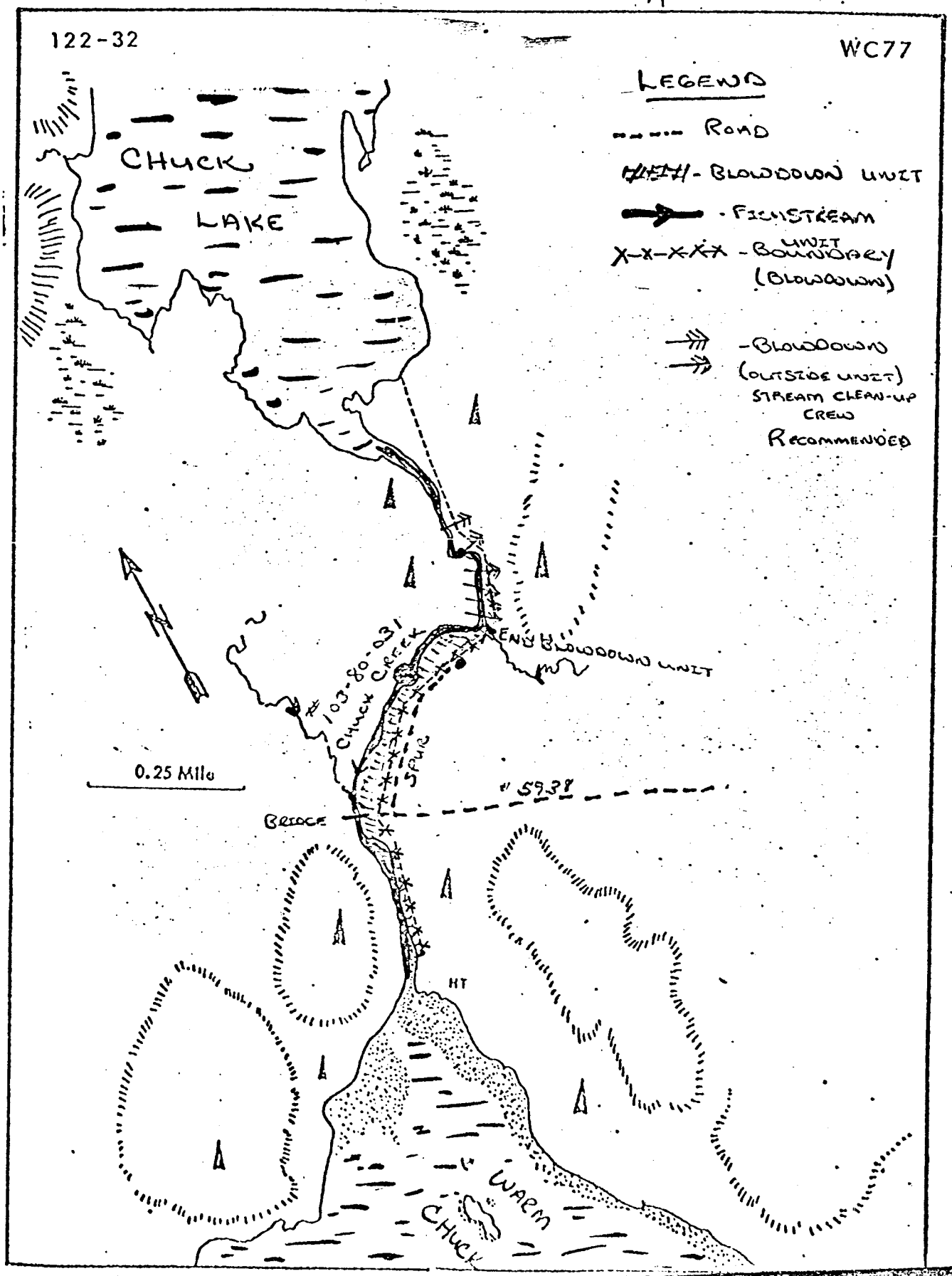
2.) APPROX. 1300 TO 1350 FT. ABOVE BRIDGE ROSSING (ROAD # 5938) THERE ARE SEVERAL TREES ACROSS STREAM. THIS TIMBER SHOULD BE CUT ON EACH SIDE OF CREEK AND TIMBER YARDED OUT IF WITHIN REACH, OTHERWISE LEAVE TREES AS THEY LIE.

11.) AFTER LOGGING OPERATIONS HAVE ENDED (ABOUT JUNE 15, 1979) CREW SHOULD BE SCHEDULED FOR STREAM CLEAN-UP WORK (APPROX. 2-3 DAYS WORK) outside of logging unit

YELLOW FLAGGING DENOTES SPECIAL PROBLEM AREA'S. THESE TREES ARE TO BE REMOVED ONLY IF REMOVAL CAN BE SAFELY ACCOMPLISHED, OTHERWISE THEY SHOULD REMAIN AS THEY LIE.

LOCATIONS OF WINDTHROW ON CHUCK CREEK ARE ESTABLISHED BY DISTANCE IN FEET (APPROX.) FROM BRIDGE CROSSING (ROAD # 5938) EITHER UPSTREAM OR DOWNSTREAM WITH LEFT / RIGHT ORIENTATION LOOKING UPSTREAM. (REFER TO FOLLOWING SUPPLEMENTS AND MAPS)

- BLUE MARKING PAINT WAS NOT USED DUE TO CONTAMINATION OF STREAM BY OVERSPRAY. SUGGEST THAT MARKING OF DEBRIS AND BLOWDOWN IN STREAM HABITAT'S BE DONE WITH COLORED FLAGGING OR OTHER NON-POLLUTTING IDENTIFICATION MARKERS. -


122-32
WC77
LEGEND
ROAD
BLOWDOWN UNIT
FISHSTREAM
UNIT BOUNDARY (BLOWDOWN)
BLOWDOWN (OUTSIDE UNIT) STREAM CLEAN-UP CREW RECOMMENDED
CHUCK LAKE
END BLOWDOWN UNIT
103-80-031
CHUCK CREEK
SPUR
0.25 Mile
5938
BRIDGE
HT
WARM CHUCK

Camp Island
Chuck Lake
Warm Chuck Inlet
WARM CHUCK INLET
Timber Knob
Derrumba Ridge
Bald Mtn
BOCAS DE FINAS
Pt Desconocida
Tonina Island
Turtle Island
Esquibel
Culebra Islands
MAURELLE
HARMONY