ADFG

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FISH STREAM SURVEY FIELD REPORT

Date: 7-27-83

V.C.U.: 578

Camp: THORNE BAY

Unit:

Stream Catalogue #: 102-70-10580-2026

Road: 3015-200 3015-230

Quad Map: Craig C-3

T 71S R 83E Sect 9,16

Photo #: 87-277-208, 88-277-171

SPECIES PRESENT	STAGE OF DEVELOPMENT
COHO	Fry
DOLLY VARDEN	Fry

TYPE OF FISH HABITAT

Salmon Rearing	Excellent	Good	Fair	Sq. Yds.
Salmon Spawning	Excellent	Good	Fair	Sq. Yds.
Resident Rearing	Excellent	Good	Fair	Sq. Yds.
Resident Spawning	Excellent	Good	Fair	Sq. Yds.

Is future fish habitat enhancement possible? YES ____ NO ____

If so, Describe:

	YES	NO
Fish Present Above Road Crossing:	X	
Below Road Crossing:	X	
Within Unit Boundary:		
Below Unit Boundary:		

Fish stream(s) intersection(s) marked with Metal Tags: Road ____ Unit ____

Fish stream(s) Flagged: BLUE/WHITE X ORANGE/WHITE X GREEN/WHITE ____

Fish streams Traversed: YES ____ NO ____

Traverse notes Attached: YES ____ NO ____

Is Additional Parameter Information Necessary? YES ____ NO ____

If so Describe:

Stream No.#:	8	9	10	1	2
(°F) Temp.:					
(Ft.) Length	200'	200'	200'	200'	200'
(Ft.) Width	3'	20'	20'	10'	10'
(In.) Depth	3"	6"	12"	12"	12"

103v

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
8	7-25	1	Dolly Varden	2"	Shock	
9	7-25	2	Coho	2"	observation	
10	7-25	2	Coho	2"	observation	
1	7-26	3	Coho	2"	observation	
2	7-26	2	Coho	2"	observation	

Pertinent Wildlife Information:

Comments: observed BEAR CUB Climbing SNAG NEAR UPPER End OF 3015-200 RD.

Survey Crew Members: JERRY Kluthe, VALERIE SPACZYNSKI

Signature: Jerry Kluthe

Date: 8-2-83

Report Reviewed By: Richard Uhrmann fish bio 8/25/83

Signature Title Date

Recommendations:

fish passage required on streams 8, 9, 10, 1 & 2

103v

ROAD CONSTRUCTION - LONG TERM SALE

Salmon Spawning and Rearing Streams
(Blue/White Ribbon)

ROAD # 3015-200, 230

STREAM(S)# 1, 2, 8, 9, 10

UNIT # _____

STATION # _____

The following fish stream protection prescriptions and recommendations apply: based upon quantity and quality of habitat, resistance to alteration and fish habitat management unit objectives.

✓ 1. Fish passage required during and after road building activities.

✓ 2. Culvert installation required concurrent with rocking.

✓ 3. Time construction/reconstruction of fish passing structures to minimize adverse impact to salmonid redds and preemergent fry, (Optimum time for construction: approximately April 15 to August 15). Construction/reconstruction outside this operating time period will require on site assessment by Fisheries Personnel.

✓ 4. End haul to prevent sidecast from entering stream course.

✓ 5. Right-of-way clearing adjacent to stream courses shall follow timber harvest recommendations (see Timber Harvest - salmon spawning and rearing streams).

✓ 6. "In Stream" habitat protection assessment will be provided to aid in design of a fish passage structure.

✓ 7. Spawning gravels at and below road crossings should not be altered by 'In Stream' structures.

✓ 8. Diversions and channelization of stream courses must be approved in advance by the Forest Supervisor.

✓ 9. Limit equipment crossings to only 1 equipment crossing at each crossing site if feasible.

✓ 10. Absolutely no barrow pits in stream course.

11. C.M.P. and/or wooden puncheon culverts required for fish stream crossings. Three log culverts are not acceptable.

12. When road is "put to bed", the previous integrity of the stream course in terms of gradient and stream bed must be restored.

13. Water bars are necessary on long inclines and should be identified by project engineers.

14. Blasting is not acceptable for bridge or culvert removal along accessible roads.

✓ 15. Avoid close proximity of oil and fuel storage to any stream

Fisheries Protection Report: 38 - 279 - 171

ROAD # 3015 - 200 & 3015 - 230 PHOTO # 37 - 279 - 207

Crew members: JERRY Kluthe, VALERIE SPACZYNSKI

3015 - 200

STREAM #	% Grade / Ft.	Width IN / Depth IN	FISH PASSAGE?
1	15 / 30	12 / 2	NO
2	15 / 20	12 / 2	NO
3	25 / 20	6 / 1	NO
4	12 / 30	24 / 3	NO
5	12 / 30	24 / 6	NO
6	20 / 25	12 / 6	NO
7	25 / 20	6 / 1	NO
8	5 / 50	60 / 4	Yes *
9	3 / 30	240 / 6	yes *
10	3 / 50	240 / 12	Yes *

3015 - 230

1	3 / 50	240 / 6	Yes *
2	3 / 100	240 / 4	Yes *

* 100 Ft up / Down stream Assesment Data Found Later in Report.

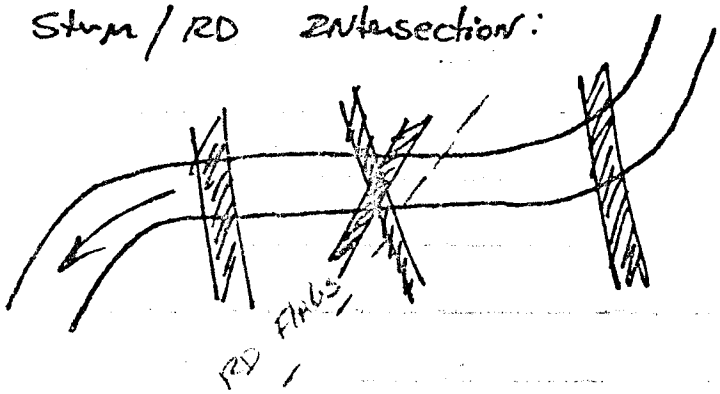
** No Distances Recorded Due to Topo Filler problems

Explanatory Notes, Sketches, observations

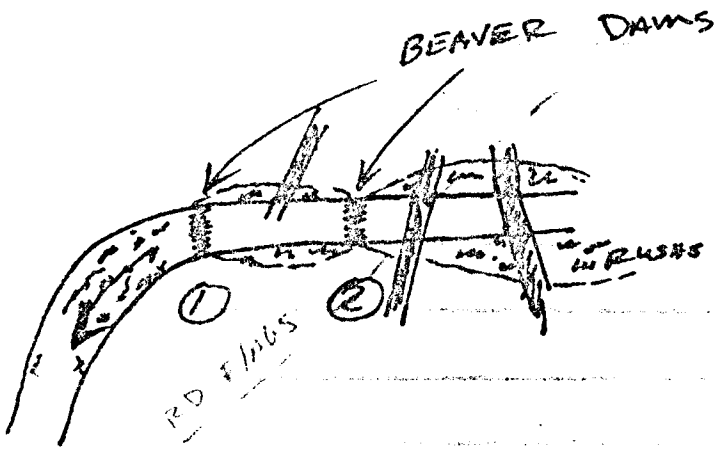
Str #9 : located approx. 500' beyond intersection of 3015-200 & 3015-230 RDS

5-230 RD

Str #1 A number of Blowdown logs in stream at Strm/RD intersection:



#2



#1 B.D. - 1' High 10' wide

#2 B.D - 2' High 15' wide

At Str/RD intersection there is approx. 3' of Rushes on each side of the stream.

beyond #1 Downstream there are approx 90% Rushes across stream

3015 - 280

	#2 UP	#2 DOWN
lient / Ft	3/50	3/80'
mer th / Depth	10'/1'	10'/1'
inner th / Depth	30'/2'	30'/2'
de shots:		
% / Ft	50/40	50/40
% / Ft	50/40	60/40
% / RIFFLE	100/0	100/0
ottom Type:		
ouldER 10"		
g. cobble 5"-10"		
m. cobble 2½-5"		
avel ½-2½"		
FINES > ½"		
ud + organic muck	100	100
pecie observed.	—	
Structure	Bridge	

Str #2 Flagged Blw because it is a Trib. to Str #9 and was considered Excellent Rearing Habitat for both Resident and Salmonid Fish Species.

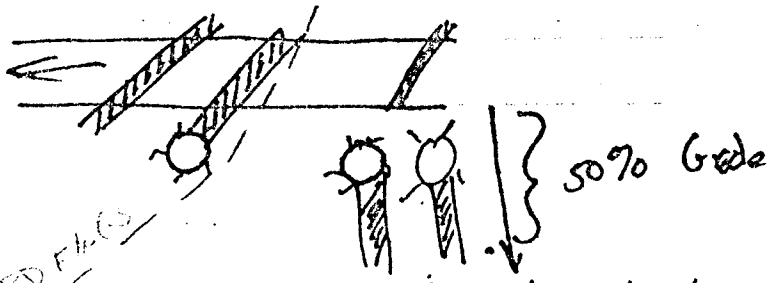
Stream Assesment Data

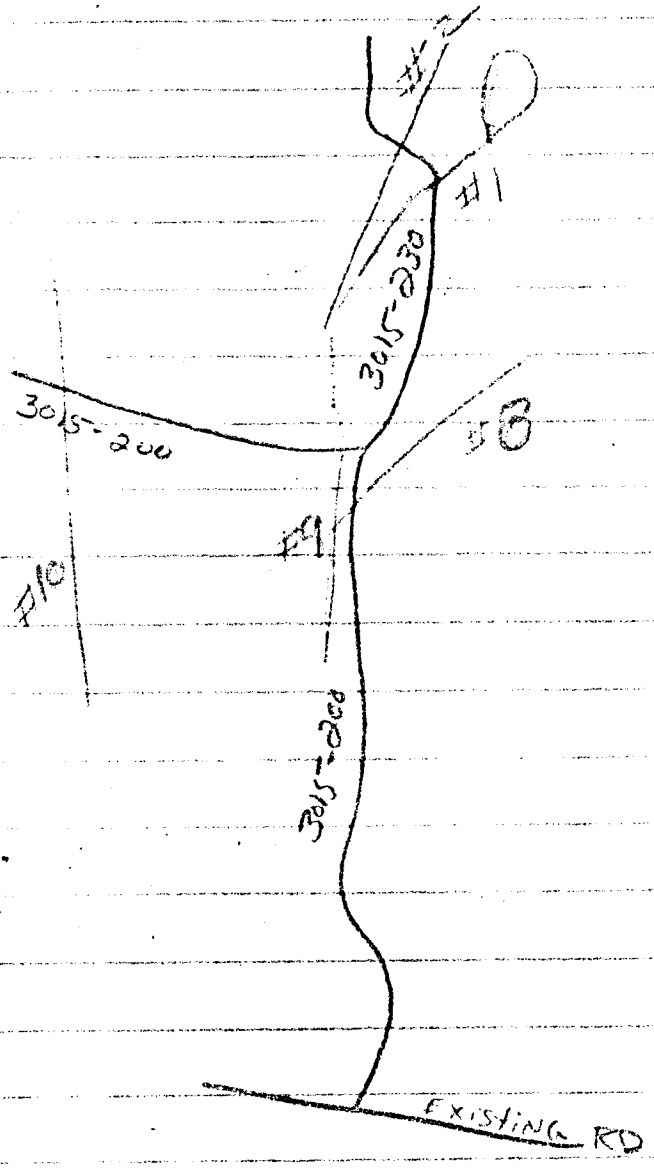
RD# 3015-200

Stream #	8 (100') up	8 (100') Down	9 (100') up	9 (100') Down	10 (100') up	10 (100') Down	1 (100') up	1 (100') Down
Gradient / Ft.	6/100	6/100	5/50	3/50	3/30	3/25	2/50	3/50
Water width / Depth	3'/3"	3'/4"	20'/6"	20'/6"	20'/1'	20'/1'	10'/12"	15'/12"
Channel width / Depth	5'/1'	4'/1'	20/2'	22'/2'	25'/2'	25'/2'	20'/3'	20'/3'
Side Shots:								
1 % / Ft	5/100	10/100	20/20	50/20	30/20	60/30	50/20	50/20
2 % / Ft	5/100	3/100	50/20	20/20	70/100	70/100	60/30	50/20
Pool / Riffle	20/90	10/90	10/90	30/70	60/40	50/50	40/60	10/90
Bottom Type								
Boulder 10"			10	2		2	5	2
Lg. cobble 5-10"			5	3	5	5	80	3
Sm. cobble 2½-5"	10	10	10	15	50	40	10	50
Gravel ½-2½"	90	90	70	75	40	50	5	40
Fines ≤ 7½"			5	5	5	3		5
Mud + organic muck								
Fish species sampled	Dolly Varden		Coho		Coho		Coho	
Structure	Culvert		Bridge		Bridge		Bridge	

Explanatory notes, sketchs, observations:

#9 Lg. Hemlock Blowdown Bridging stream at Rd/Strm Intersection. Root wad in Danger of Falling in Creek



#8 RD Flags D.O. only were shocked and flagged o/w but it was late walked from Str#9 to RD line, No barriers found thus should be considered salmonid.

MAP OF 3015-000 & 3015-230 RD and Stream Locations