cc Len Brady
Mike Fease
Barry Lybrand
Fish & Game

Date: 5/4/79

Fish Stream Survey Report

103-90-025

Camp [illegible]

Stream Name(ID) YATUK (Upper)

Road# 5100 Station# _____ Unit# 45-1 45-2 RP# _____

Quad Map CRAIG D-4 Section _____ Chick Map 13 of 55 Section _____

Fish Present Yes X No _____

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

Species Present/Stage of Development COHO ALEVIN AND FRY, DOLLY VARDEN AND CALIFORNIA JUVENILES, ADULT CUTTHROAT

Type of Fish Habitat

Salmon Spawning Area	X	sq yds Describe	70-75 %
Salmon Rearing Area	X	sq yds Describe	
Other _____	Area _____	sq yds Describe	

Stream Sketch or Map: Attach supplement if necessary:

Supplement

Method(s) used to determine presence of fish: shocker

Date	#Fish	Approx Length	Gear	Length of Time Fished
	[illegible]	1.5 inches	SHOCKER	30 min.
	(1) RAINBOW	3.5 inches		
	[illegible] RAINBOW	8.0 inches		
	1 COHO	2.0 inches		
	[illegible]	1.0 inches		
	(1) [illegible]	5 inches		
	(1) SALMO	5.0 inches		
	[illegible]	8.0 inches		
	[illegible]	7.0 inches		

Is future fish habitat enhancement possible? Yes X No ____

If yes Describe:

THE BLOWDOWN IN THIS CREEK (Yatuk) SHOULD BE REMOVED TO MINIMIZE IMPACT ON EMERGING FRY, BY CAMPBELL LOGGING CO. OR BY A YACC CREW. BECAUSE OF THE HIGH PRODUCTIVITY AND SPECIES DIVERSITY OF THIS STREAM, IT SHOULD BE CONSIDERED TOP PRIORITY.

Road and Unit boundary/fish stream intersection(s)

Marked with aluminum metal tags	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, If so attached completed fish stream parameter Data form	Yes ____	No X

Pertinent Wildlife Information:

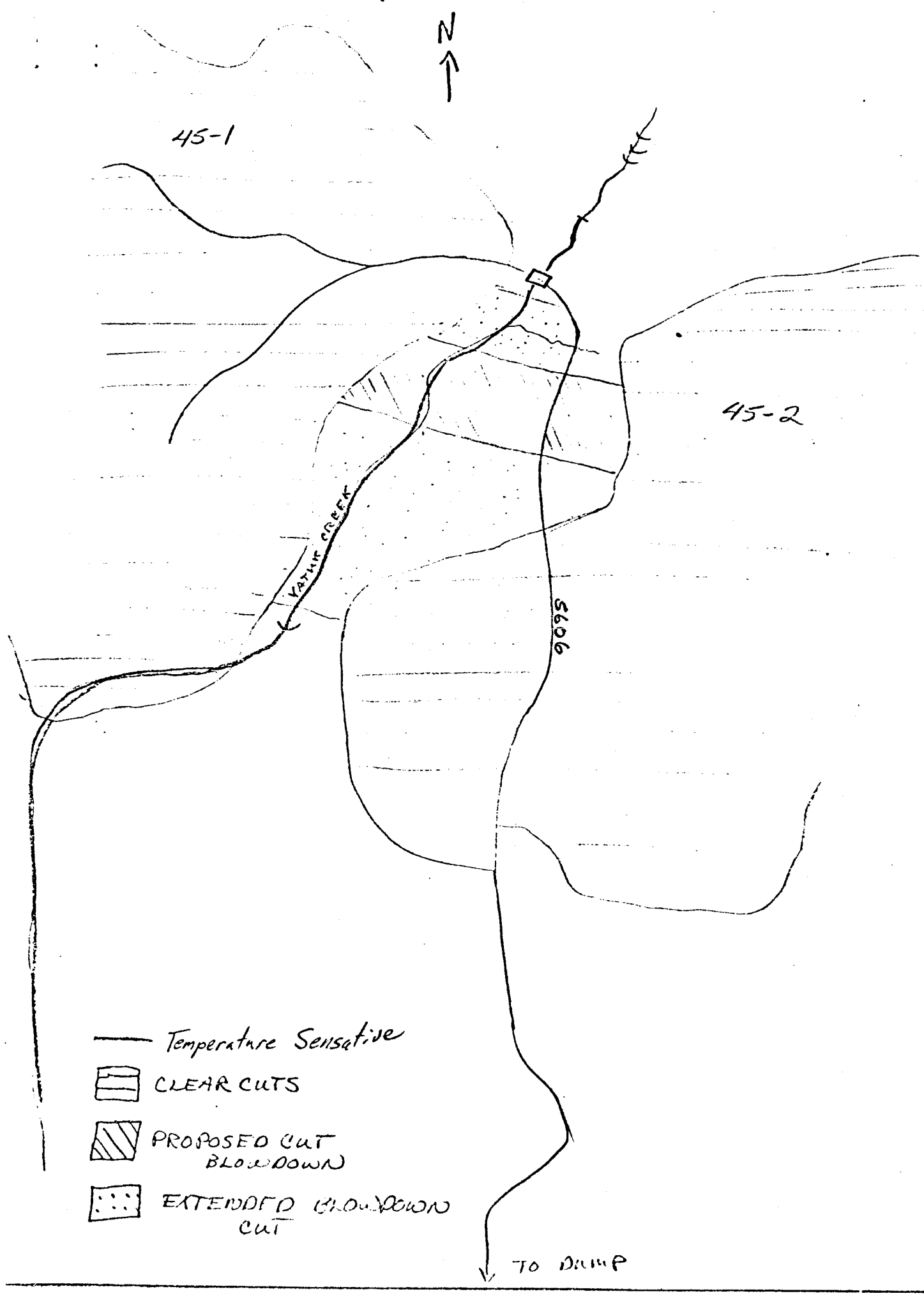
DEER DROPPINGS AND TRACKS

Comments: See supplements
Note proposal to add additional blowdown in this area. Yatuk is temp sensative. The size of the blowdown appears to be beyond the ability and $ allocated for hand clean up. Logging additional area may be a feasible and reasonable trade off to get the stream cleaned - Brady - why dont we get on the ground for this soon

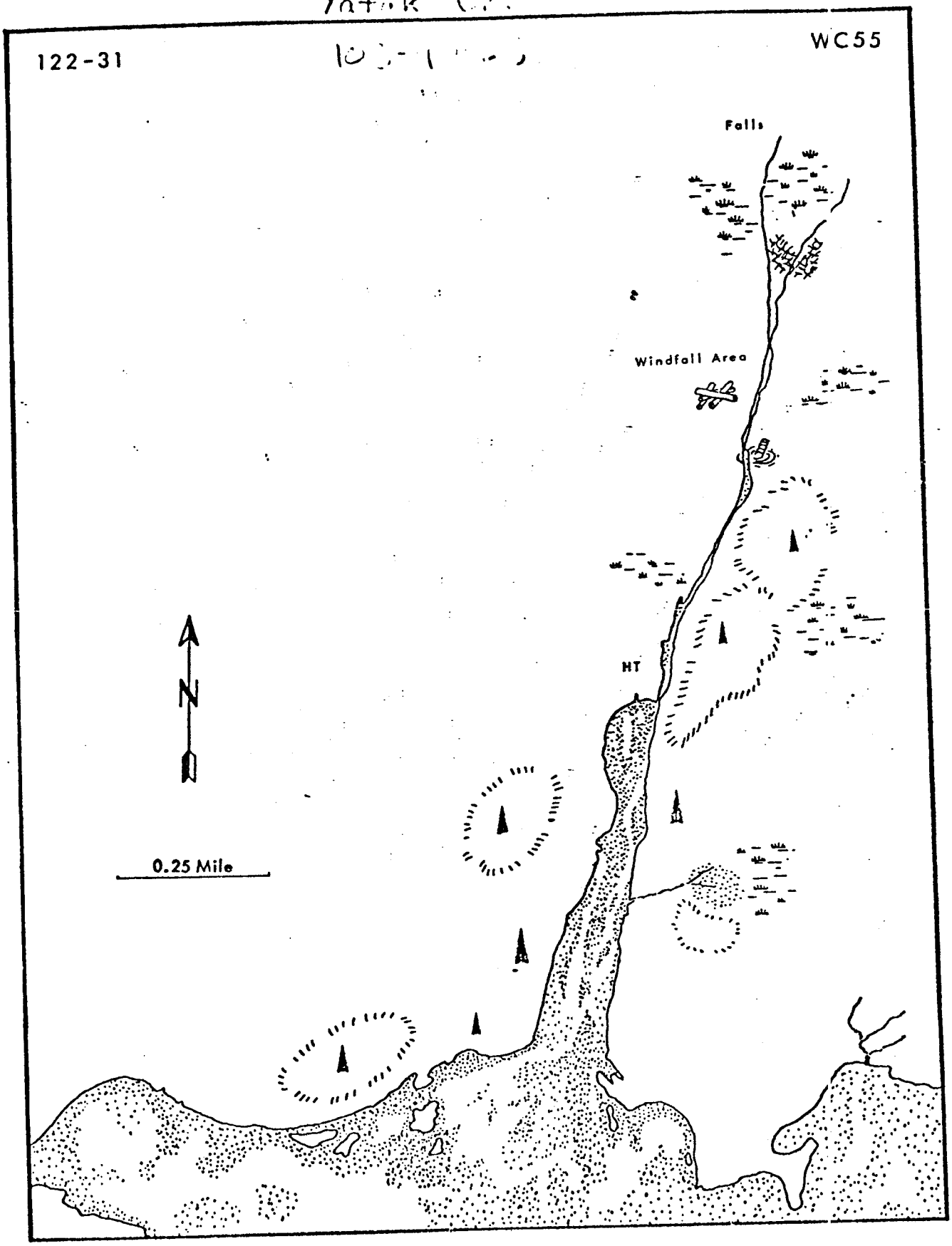
Survey Crew Members:	Signature	Date
Jim McCullough	Jim McCullough	5/4/79
Glenna Hopper	Glenna Hopper	5-4-79

Report Reviewed By Mike Navy (Signature) Forester (Title) 5-14-79 (Date)

Recommendations: Blowdown/logging debris within the unit should be removed by the operator concurrent with yarding operations. Falling bucking debris must be removed within 48 hrs of deposit. Operations should be timed to remove blowdown prior to return of salmon this fall. Crews are available to mark blowdown to be left if necessary. Directional falling required for remaining trees along creek. No bucking or limbing in the creek if possible. Tree length yard where possible. Brush root wads off on far/near upland banks when possible. Smaller trees (< 24-30") may be yarded with root wads. Larger root wads may have to be left in place. AN - yard away or fully suspend over creek.


N
45-1
45-2
VATHIK CREEK
5606
Temperature Sensative
CLEAR CUTS
PROPOSED CUT BLOWDOWN
EXTENDED BLOWDOWN CUT
TO DUMP

Yatak C...



Y.I.K Cy. 103-10.5

122-31
55°53.7' N. 133°09.2' W.

ADF STAT. No.
WC 55
Previous No. 26
ADF No. 161
FWS No. 23

WEST COAST, TUXEKAN PASSAGE, NAUKATI BAY, Head of northernmost arm.

MAJOR SPECIES Pink, chum.
OTHER SPECIES Coho.
ESCAPEMENT TIMING Late. Sep-Oct.
ESCAPEMENT MAGNITUDE
SPAWNING FACILITIES Good.
STREAM TEMPERATURES Normal range. Observed temperature: 48° F., 9/27/49.
VALLEY DESCRIPTION Stream-cut. The area through which this stream flows is nearly flat, with a few rolling hills.
DRAINAGE 5.5 square miles (polar planimeter). This stream is fed by numerous small lakes and ponds which are found at its headwaters. Many muskeg areas.
STREAM MOUTH IDENTIFICATION Enters Naukati Bay 0.5 mile N W of WC 54. The tidal flats of these two streams infringe upon each other.
ANCHORAGE Caution should be taken when running in these waters.
TRAILS AND SURVEY ROUTES No trails and numerous downfalls. A difficult stream to survey.
AERIAL SURVEY NOTES Poor for aerial surveying.

INTERTIDAL ZONE

LENGTH 0.5 mile.
AVERAGE WIDTH/DEPTH 30'-40'/8"-10".
GRADIENT AND VELOCITIES Moderate.
BOTTOM Coarse gravel.
LOW TIDE LOCATION
HIGH TIDE LOCATION
SCHOOLING AREAS Fish school off the mouth and in several large holes just below the high tide mark.
SPAWNING AREAS Pinks spawn to a large extent in the upper part of this zone.
GENERAL NOTES

UPSTREAM

LENGTH ACCESSIBLE 2 miles.
AVERAGE WIDTH/DEPTH 25'-30'/15"-20".
GRADIENT AND VELOCITIES Moderate.
BOTTOM Mud, sand, and gravel.
MARKER DISTANCE
MARKER IDENTIFICATION
BARRIERS Falls 2 miles upstream is at least a partial block to salmon.
TRIBUTARIES None
SCHOOLING AREAS There are small holes throughout, many formed by downfalls.
SPAWNING AREAS The first 1.5 miles contains good spawning gravel. At the 1.5 mile mark, the stream enters a steep-sided canyon with a bedrock and boulder bottom; following this, fair spawning facilities extend to the lake.
GENERAL NOTES

122-31

ADF STAT. No.
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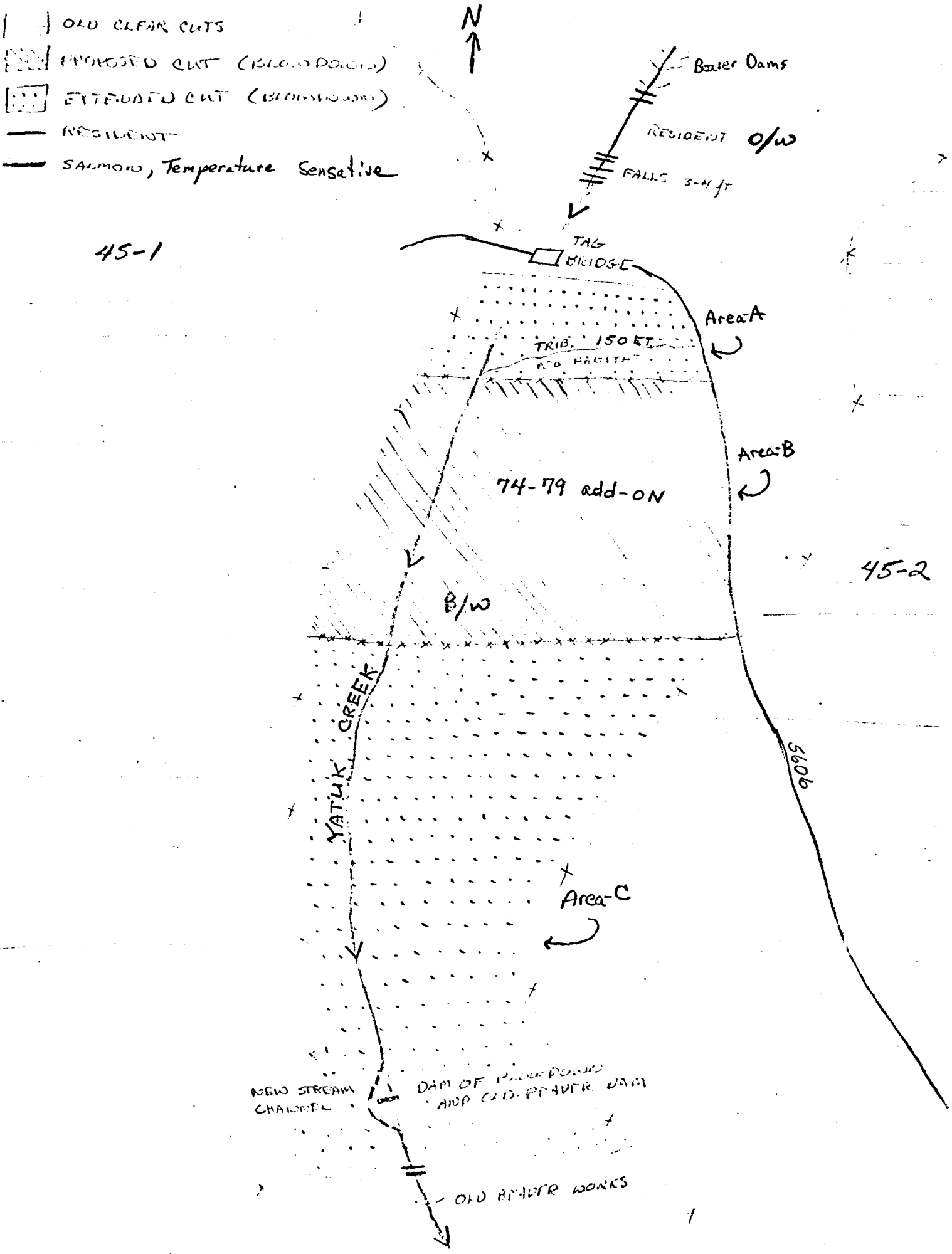
ESCAPEMENT RECORD

[Counts made by ground surveys are designated by G. Aerial surveys by A]

Date	SURVEYED Miles	By	PINK Live	PINK Dead	CHUM Live	CHUM Dead	OTHER SPECIES Live	REMARKS Adjective rating
1941								
Sep 9		FWS	7,500		500		200 coho	
1942								
Sep 16		FWS	20,000		2,000			Good
1943								
Sep 28		FWS	30,000		5,000			Excellent
1944								
Oct 17		FWS	3,000		450			Poor
1945								
Sep 21		FWS	18,000		3,500			Excellent
1947								
Oct 2	G 0.3	FWS	300					Fair. Few live chum
1948								
Sep 10	G 2.5	ASI	4,100	200	17,050	1,226		Dead are spent
Sep 26		FWS						Fair. Chum good. Pink fair
Oct 12	G 1.5	ASI	1,750	835	375	960	35 coho	Good
1949								
Aug 7	G 2.5	FRI	50		0			
Sep 3	G 0.8	FRI	378		28	2		
Sep 13	G 3.0	FRI	720	12	2,666	644		
Sep 27	G 2.8	FRI	3,510	1,019	89	705		
1957								
Sep 16	G 1.3	FWS	77	8	400	200		2,000 chum at mouth
1960								
Aug 17	A	ADF	0		0			No fish showing in bay
Aug 22	A	ADF	0		0			1,000 pink at mouth. Visibility poor
Sep 2	G 0.5	ADF	500		200			2,000 pink and chum at mouth
Sep 14	G 1.5	ADF	25,000		1,000			3,500 pink off mouth
1961								
Aug 15	A	ADF						100 pink at mouth
Aug 22	G 0.5	ADF	13		1			480 pink at mouth. Stream very low. Initial entry
Sep 12	A	ADF	1,500					
Sep 27	A	ADF			300	200		Visibility poor
1962								
Sep 3	A	ADF	200					Few chum. 20,000-25,000 fish off 161A-B


OLD CLEAR CUTS
PROPOSED CUT (BLOWDOWN)
EXTENDED CUT (BLOWDOWN)
RESIDENT
SALMON, Temperature Sensative
N
Beaver Dams
RESIDENT O/W
FALLS 3-4 ft
45-1
TAG BRIDGE
Area-A
TRIB. 150 FT.
NO HABITAT
Area-B
74-79 add-ON
45-2
B/W
YATUK CREEK
9095
Area-C
NEW STREAM CHANNEL
DAM OF BLOWDOWN AND OLD BEAVER DAM
OLD BEAVER WORKS