84-346

State of Alaska
Department of Fish and Game
Public Review Nomination for Waters
Important to Anadromous Species

___ Addition ✓ Deletion

Name of Waterbody (if known): Marble Creek

Location:

Anadromous Waters Catalog Volume and Number 105-42-10060 105-42-10060-2004

USGS 1:63,360 Quadrangle Peters. A-5

or 1:250,000 (if 1:63,360 not available) ~~Peter A-5~~

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
CH		

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

30' Barrier falls approx. 1½ mi upstream of mouth. No coho observed above this point.

5680 Rd, 10/26/82
Gruber/ Stewart

R Reed

~~Don Lowden Habitat Biologist, Ketchikan~~

Name of Observer (please print) Bob Metzger

Date: 12/22/83 Signature: Bob Metzger

Drafted Jew 2/84

Address: USFS, Thorne Bay District
Ketchikan

CMY 2/6/84

NPUW
S.O.
ADFG

Blasterer

FISH STREAM SURVEY FIELD REPORT

Date: 10/26/82

V.C.U.: 531

Camp: EL CAP

Unit: 56-13 + 56-14

MARBLE CREEK
Stream Catalogue #: 105-42-006

Road: 5680

Quad Map: PETERSBURG A-5

T 65-S R 77E Sect 35+36

SPECIES PRESENT	STAGE OF DEVELOPMENT
COHO	ADULTS + FRY
PINK	"
CHUM	"
RESIDENT	"

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 X
If so, Describe:

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

Fish stream(s) intersection(s) marked with Metal Tags: Road X Unit ____
Fish stream(s) Flagged: BLUE/WHITE X ORANGE/WHITE X GREEN/WHITE ____
Fish streams Traversed: YES ____ NO X
Traverse notes Attached: YES ____ NO X
Is Additional Parameter Information Necessary? YES X NO ____
If so Describe: IDT BY ENGINEERS + F+W RECOMMENDED FROM ST. 0+00 TO ST. 30+00 TO DETERMINE IF A BRIDGE SITE FURTHER UPSTR. MAY BE SUITABLE TO AVOID ADVERSE IMPACTS TO SALMON SPAWNING/REARING HABITATS & EAGLE HABITATS. (POSSIBLE NEST TREE ON ROAD LINE)

Stream No.#:	1-A	1	2	3	4
(°F) Temp.:	—	—	—	—	—
(Ft.) Length	200	200	300	100	200
(Ft.) Width	70	3	4	3	8
(In.) Depth	60	6	12	6	24

103v

STR.#	#
T.	5
L.	100
W.	12
D.	12

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time

STREAMS #1 THROUGH #5 WERE PREVIOUSLY CHECKED BY G. HOPPER, 11/19/80 AND FOUND TO BE RESIDENT FISH / SPAWNING AND/OR REARING HABITATS.

STR. 1-A MARBLE CR. #105-42-006: 20 TO 30 COHO AND/OR PINK SALMON CARCASSES WERE OBSERVED AT 5680 ROAD LINE CROSSING (ST. 6+52).

Pertinent Wildlife Information: MANY EAGLES AND MUCH BEAR + DEER SIGN OBSERVED ALONG 5680 Rd. LINE.

Comments: 5680 Rd. LINE BETWEEN ST. 0+00 & 30+00 SHOULD BE CHECKED TO DETERMINE IF ALTERNATE ROUTE CAN BE FOUND TO ACCESS UNITS 56-13 + 56-14 WHICH WOULD NOT ADVERSELY AFFECT SALMON SPAWNING/REARING HABITAT.

Survey Crew Members:	Signature	Date
JIM GAUBEL	James D. Gaubel	10/26/82
RUSS STEWART	Russell a Stewart	10/26/82

Report Reviewed By: Robert Metzger — Fish Biol — ____
Signature — Title — Date

Recommendations:

See attached sheets for specific prescriptions on current roadline.

There is a potential for the 5700 Rd crossing to be moved upstream to bypass private land. This could mean 3 bridge crossings of Marble Cr. ~~[illegible]~~ within approx. 2 miles. Further planning and recon work needs to be done before <u>any</u> of the bridge sites are finalized.

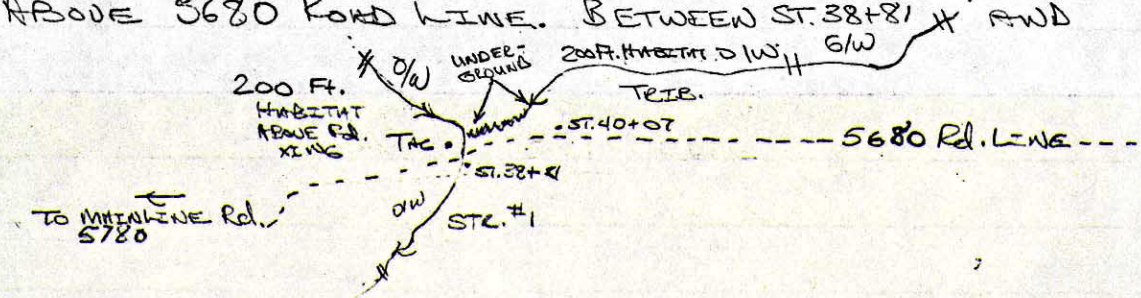
Note problems at stations 38+81 → 40+07 and 22+07 → 28+54 which may require special considerations to avoid impacting stream courses.

103v

EL CAP/MARBLE CREEK
5680 ROAD
MARBLE CREEK # 105-42-006
10/19/82

STATION 6+52 - STR. 1-A MARBLE CREEK # 105-42-006 IS APPROX. 60 TO 75 FT. WIDE AND 36 TO 60 IN. DEEP WITH A BEDROCK/ROCK/GRAVEL SUBSTRATE AT AN APPROX. AVERAGE GRADIENT OF 3%. 20 TO 30. ADULT COHO AND PINK SALMON CARCASSES OBSERVED. STREAM WAS FLAGGED B/W AT 5680 RD. CROSSING AS SALMON SPAWNING/REARING HABITAT AND TAGGED AT ST. 6+52 ON THE 5680 ROAD LINE. FISH PASSAGE RECOMMENDED.

STATION 38+81 STREAM #1 IS APPROX. 2 TO 3 FT. WIDE AND 4 TO 6 IN. DEEP WITH A GRAVEL/SAND SUBSTRATE AT AN APPROX. GRADIENT 3% TO 5%. PREVIOUSLY TAGGED AND FLAGGED O/W BY G. HOPPER; 11/19/80 AS RESIDENT REARING/SPAWNING HABITAT. APPROX. 400 FT. OF HABITA EXISTS ABOVE 5680 ROAD LINE. BETWEEN ST. 38+81 AND



ST. 40+07 ROAD LINE IS WITHIN 25 FT. OF TRIB. TO STR. # 1. THIS

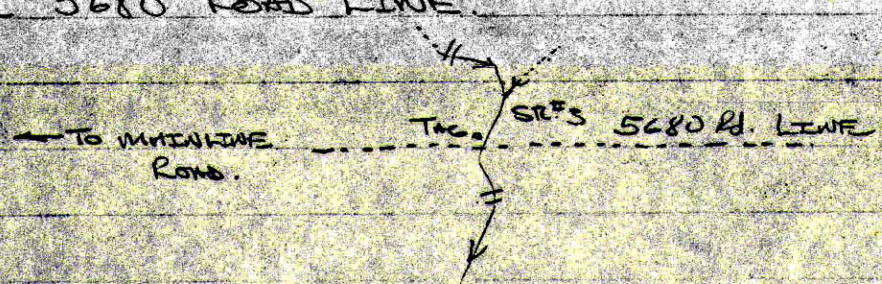
STATION 43+36 (APPROX) LIVE STREAM

STATION 48+10 STREAM #2 IS APPROX. 3 TO 4 FT. WIDE AND SOME 12 IN. DEEP WITH A SAND/GRAVEL SUBSTRATE WITH AN AVERAGE GRADIENT OF 6% TO 7%. PREVIOUSLY TAGGED AS RESIDENT FISH REARING HABITAT AND FLAGGED O/W BY G. HOPPER; 11/19/80. APPROX. 200 TO 300 FT OF RESIDENT REARING HABITAT EXISTS ABOVE 5680 ROAD LINE.

STATION 50+00 LIVE STREAM

STATION 56+07 LIVE STREAM

STATIONS 56+66 STREAM #3 IS APPROX. 2 TO 3 FT. WIDE AND SOME 4 TO 6 IN. DEEP WITH A ROCK/MUD SUBSTRATE AT AN APPROX. GRADIENT OF 7%. PREVIOUSLY TAGGED AND FLAGGED BY G. HOPPER; 11/19/80 AS RESIDENT FISH REARING HABITAT. APPROX. 50 FT. OF HABITAT EXISTS ABOVE 5680 ROAD LINE.



STATION 56+76 LIVE STREAM

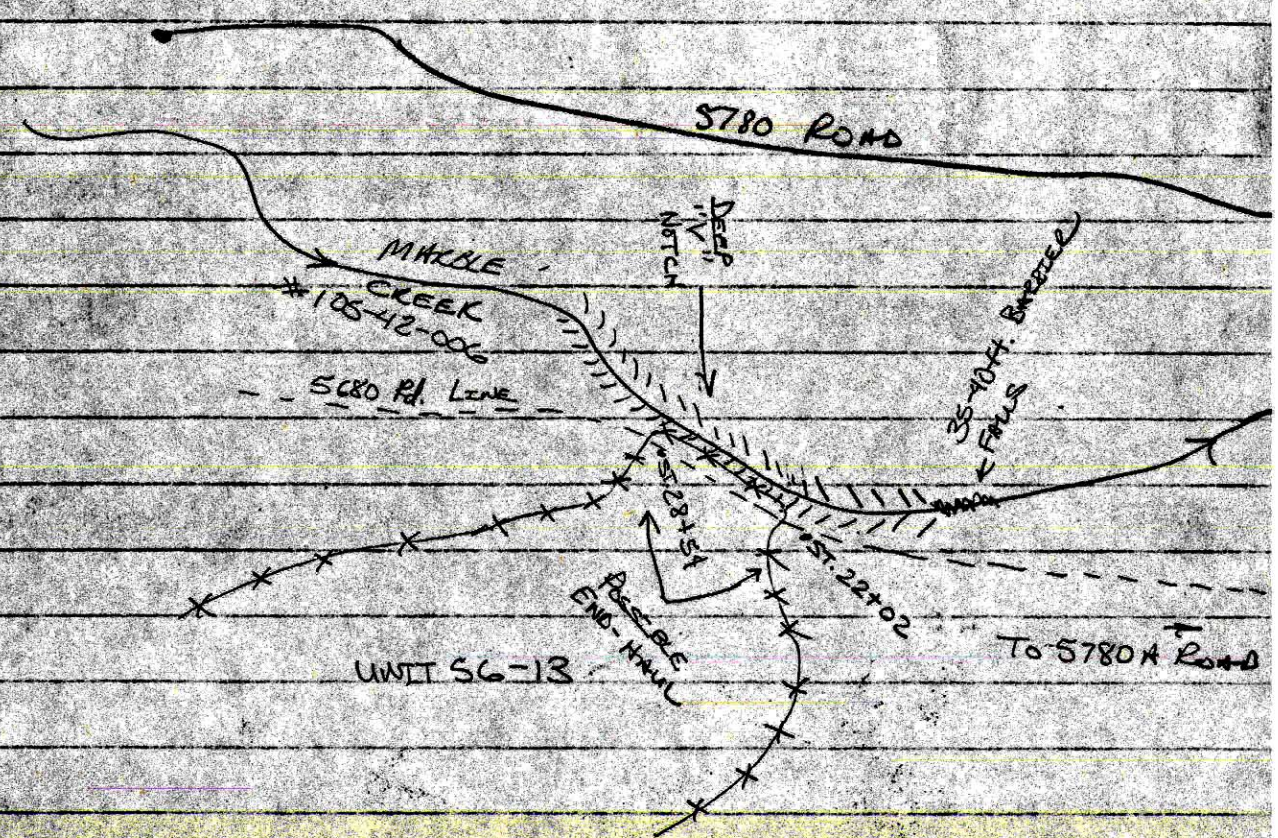
STATION 61+58 LIVE STREAM

STATION 62+85 STREAM #4 IS APPROX. 6 TO 8 FT. WIDE AND 12 TO 24 IN. DEEP WITH A BEDROCK/ROCK SUBSTRATE AT AN APPROX. GRADIENT OF 15% TO 20%. PREVIOUSLY TAGGED AND FLAGGED O/W AS RESIDENT FISH REARING HABITAT BY G. HOPPER, 11/19/80. APPROX. 200 FT. OF RESIDENT HABITAT EXISTS ABOVE 5680 ROAD LINE.

STATION 66+66 STREAM #5 IS APPROX. 10 TO 12 FT. WIDE AND SOME 8 TO 12 IN. DEEP WITH A ROCK/GRAVEL/SAND SUBSTRATE AT AN AVERAGE GRADIENT OF 10%. ALTHOUGH STREAM WAS PREVIOUSLY FLAGGED O/W NO TAG WAS FOUND. STREAM SHOULD BE CONSIDERED "NON SPORTS" RESIDENT FISH SPAWNING/REARING HABITAT AS THERE IS A LARGE BARRIER FALLS (35 FT. +) APPROX. 60 FT. BELOW 5680 ROAD LINE. STREAM WAS TAGGED AT ROAD LINE AND FLAGGED O/W BUT SHOULD BE CONSIDERED AS "NON SPORTS" RESIDENT FISH HABITAT/WATER QUALITY PROTECTION.

STATION 70+50 (APPROX.) LIVE STREAM

(*NOTE: BETWEEN ST. 22+02 AND ST. 28+54 (APPROX.) THE 5680 ROAD LINE APPROACHES WITHIN 100 FT. OF MARBLE CREEK. AS THIS REACH OF MARBLE CREEK IS LOCATED IN A DEEP V NOTCH THE PROXIMITY OF ROAD 5680 MAY REQUIRE END-HAULING TO PREVENT ROAD CONSTRUCTION DEBRIS FROM ENTERING STREAM CHANNEL.)



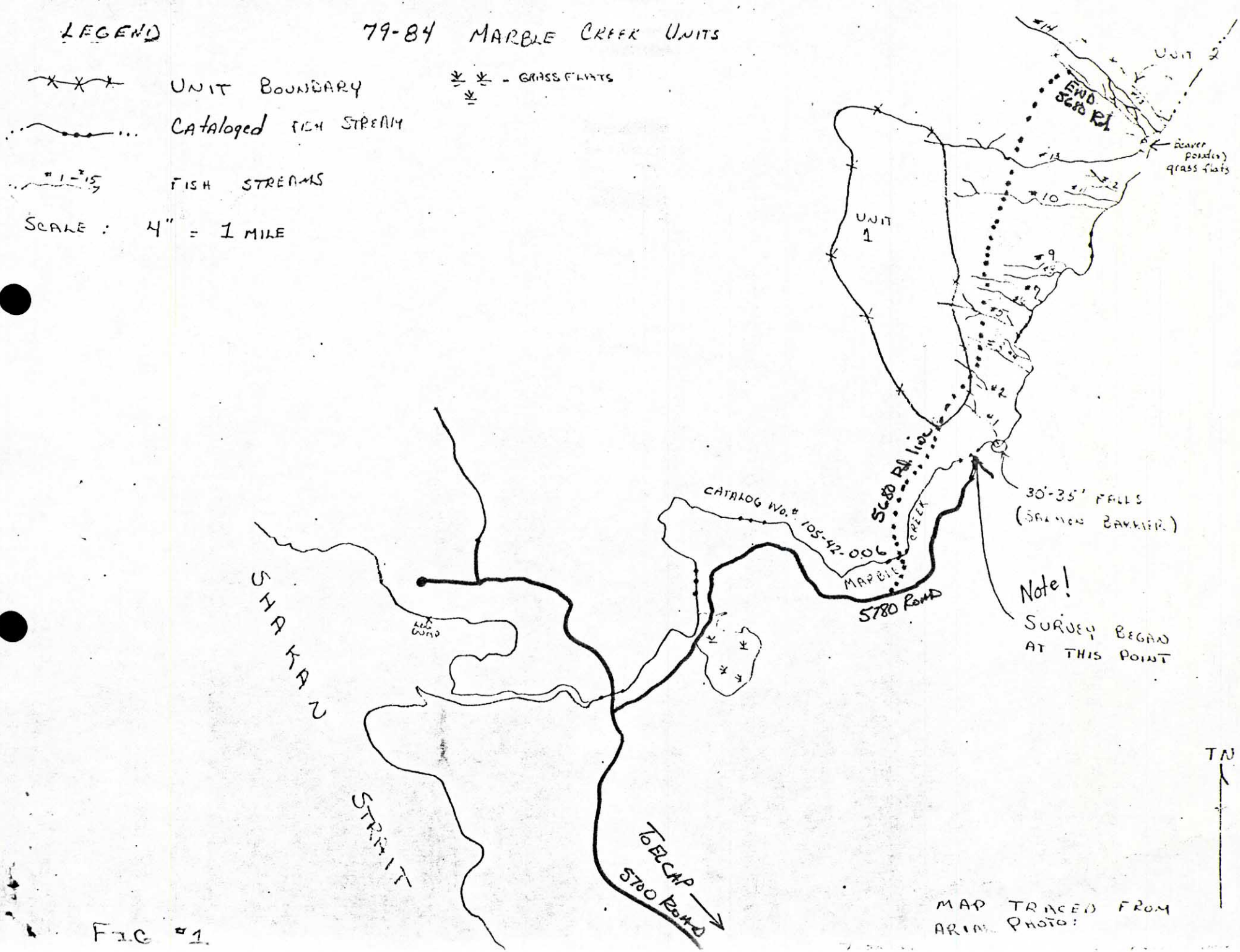

LEGEND
79-84 MARBLE CREEK UNITS
UNIT BOUNDARY
Cataloged FISH STREAM
FISH STREAMS
SCALE : 4" = 1 MILE
- GRASS FLATS
UNIT 2
UNIT 1
EWD 5680 Rd
Beaver pond(s) grass flats
5680 Rd. line
CATALOG No. 105-42-006
MARBLE CREEK
5780 ROAD
30'-35' FALLS (SALMON BARRIER)
Note!
SURVEY BEGAN AT THIS POINT
SHAKAN STRAIT
TO ELCAP 5700 ROAD
TN
MAP TRACED FROM ARIAL PHOTO:

FIG #1.