CC Fred Zeigler
Kim Turley
Pete Monlick
Fish & Game

Date: 6 OCTOBER 1978

Fish Stream Survey Report

Camp THORNE BAY / NORTH THORNE R. Stream Name(ID) BELOW FALLS ON WEST FORK OF NO. THORNE RIVER #102-70-58

Road# 5051 WEST SPUR Station# _____ Unit# 8-12 RP# _____

Quad Map _____ Section _____ Chick Map 33 Section 28 & 29

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, FRY; Dolly Varden FRY, 0 ADULTS

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 ATTACHED SUPPLEMENT

Method(s) used to determine presence of fish:

STR. No.	Date	#Fish	Approx Length	Gear	Length of Time Fished
#1	Oct. 6, 1978	9 COHO	1½"-2"	SHOCKER	30 MIN.
#1	Oct. 6 1978	7 Dolly Varden	2"-4½"	SHOCKER	30 MIN.

Is future fish habitat enhancement possible? Yes X No ____
If yes Describe:

REMOVAL OF SLASH & LOGS FROM STREAM CHANNEL BELOW ROAD 5051, AND REPAIR OF CULVERT TO PROVIDE FISH PASSAGE AT ALL TIMES.

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 ____ 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 SIGN OBSERVED

SUPPLEMENTAL SURVEY

Comments:
STREAM # 1 FLOWS INTO THE No. THORNE RIVER APPROX. 300 FT. BELOW ROAD 5051, THIS SECTION OF STREAM IS HEAVILY BLOCKED WITH LOGS AND SLASH DUE TO LOGGING ACTIVITY & CULVERT AT ROAD PROVIDES ONLY PARTIAL FISH PASSAGE (TIMES OF HIGH FLOW LEVELS).

Survey Crew Members:	Signature	Date
JIM GRUBER	Jim Gruber	OCT. 6, 1978
LAURA A. MOLL	Laura A. Moll	6 OCTOBER 78

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

Recommendations:
See comments and attached recommendations. This work should be done concurrently with remedial work on units above the falls. The 5051, to the best of my knowledge, does not access any 79-84 timber and therefore is not eligible for reconstruction monies. Culvert should be pulled as soon as possible to insure full fish passage or replaced with hard monies
Mike

THORNE BAY / NORTH THORNE RIVER # 102-70-058
UNIT 8-12 (LOGGED 5/20/76)
OCT. 6, 1978
SUPPLEMENTAL SURVEY

STREAM #1

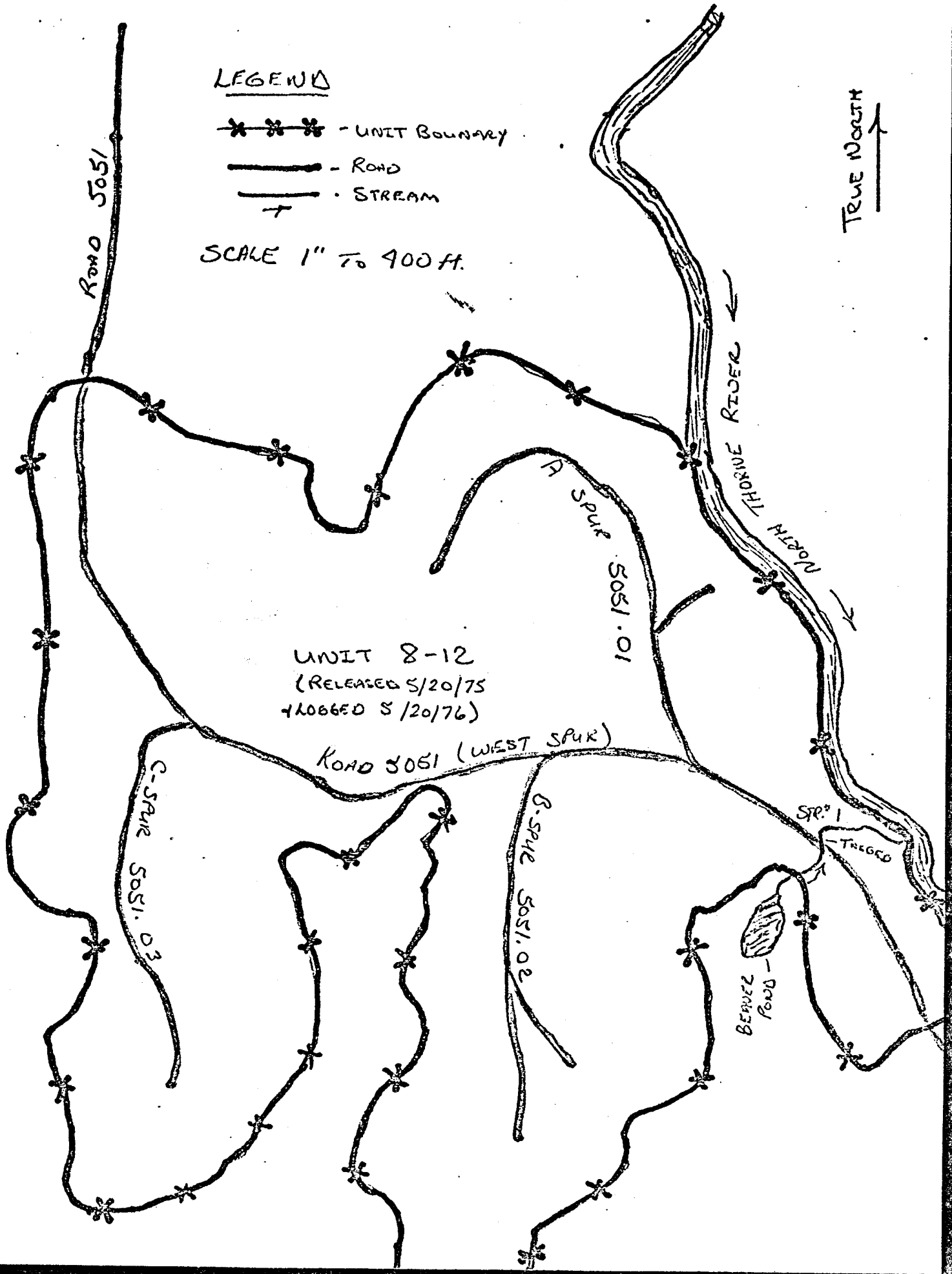
THIS STREAM IS APPROX. 5 FT. TO 6 FT. WIDE AND SOME 3 FT. TO 4 FT. IN DEPTH WITH A MUD SUBSTRATE. THIS STREAM FLOWS NORTHEAST THROUGH UNIT 8-12 FOR APPROX 450 FT. ENTERING THE NORTH THORNE RIVER AT UNIT'S EASTERN BOUNDARY. 9 COHO (1½", 2", 2", 2" 2", 2", 2", 2", 4 2") AND 7 DOLLY VARDEN (2" TO 4½") WERE SHOCKED ABOVE + BELOW ROAD CROSSING.

STREAM WAS TAGGED AT ROAD (5051) CROSSING BUT NOT FLAGGED.

LARGE LOGS (12" + IN DIA.) AND VERY LARGE SLASH PILES BLOCK STREAM CHANNEL FOR APPROX. 300 FT. BELOW ROAD CROSSING. THE CULVERT AT ROAD CROSSING PROVIDES FISH PASSAGE ONLY AT TIMES OF HIGH FLOW LEVELS, AS MOST STREAM FLOW OBSERVED PASSES THROUGH ROCK OF ROAD 5051.

HABITAT ABOVE ROAD CROSSING APPEARS WELL PROTECTED.

CLEAN-UP OF STREAM FROM ROAD CROSSING DOWNSTREAM TO NORTH THORNE RIVER (APPROX. 300 FT.) IS RECOMMENDED SINCE HABITAT IS EXTENSIVE ABOVE ROAD & 300 FT. OF HABITAT BELOW ROAD WILL BENEFIT.


LEGEND
- UNIT BOUNDARY
- ROAD
- STREAM
SCALE 1" TO 400 ft.
TRUE NORTH
ROAD 5051
NORTH THORNE RIVER
A SPUR 5051.01
UNIT 8-12
(RELEASED 5/20/75
+LOGGED 5/20/76)
ROAD 5061 (WEST SPUR)
C-SPUR 5051.03
B-SPUR 5051.02
STP. 1
TREGED
BEAVER POND

U.S. DEPARTMENT OF AGRICULTURE - FOREST SERVICE
Ketchikan Pulp Company - 7/26/51

LOGGING/CONSTRUCTION APPROVAL NOTICE

REPLY TO: 2430 Commercial Timber Sales DATE: MAY 23, 1975

TO: Ketchikan Pulp Company
Box 1019
Ketchikan, Alaska 99901

The following described layout has been inspected and approved for construction and/or logging, as shown on the attached map.

1. Operator KETCHIKAN PULP COMPANY Operating Chance NORTH THORNE RIVER

2. Description of Approval:

A. Road Construction

(1) Road # KPC WEST SPUR F.S. 5051 (2) Length 11[illegible]'
(3) # Borrow Pits _____ (4) #Bridges _____
5051.01,.02,.03 (SPURS OFF OF 5051) LENGTH= 4400'

B. Logging [illegible]

(1) Size 103.3 (2) Total Net Volume [illegible] MBF
(3) Net Volume/Acre 29 MBF (4) Logging Method HIGH LEAD

(Map Attached)

3. Special restrictions which are a condition of this approval.
FDR #5051 (N.T. WEST SPUR) IS APPROVED FOR CONSTRUCTION FROM 36+00 TO 142+30. IT IS RELEASED AS A CATEGORY 3 ROAD. LIVE STREAMS MUST HAVE ADEQUATE DRAINAGE STRUCTURES. CLEARING LIMITS OUTSIDE OF PROPOSED CUTTING UNITS WILL NORMALLY BE NO GREATER THAN 75'. SPURS IN UNIT WEST SPUR CUTTING UNIT ARE ALSO APPROVED WITH THE SAME RESTRICTIONS AS ARE SHOWN FOR 5051, SHOWN ABOVE.

SEE ITEM 15 PAGE 2 FOR LOGGING RESTRICTIONS FOR THE WEST FORK OF NORTH THORNE RIVER (FISH STREAM #102-70-58)

Approved by: [signature] Title: RESOURCE MANAGEMENT ASSISTANT
[signature]
ROAD LOCATOR
No. 4 75
R.M. Area FY Consecutive # for Area

cc: Contractor
Sale Administrator
DMA
S.O.
KPC Engineer

5-2400-19
5/73

4. Is area on current 5-Year Plan? YES
If not, explain under remarks.

5. Is area on current annual logging plan? YES
If not, explain under remarks.

6. Tidelands Permit
Status and No.

7. Corps Permit
Status and No.

8. Land Status NAT'L FOREST

9. Location

Chickering Map No. 33of 55
Section 28 29 32 33

U.S.C.C. Map No. CRAIG D-2
Section 28
T. 70 S R. 83E

10. Description

Timber Type H-S-C
Age O.M.
Soil Type
Slope % 0-40

Aspect EAST
Elevation 300'
VAC symbol

11. Timber stand needs i.e., thinning, disease control, etc.

12. Planning Unit P. O. W. (Revilla, P.O.W. or mainland)

Management Unit NORTH THORNE RIVER (Karta, West Coast, etc)

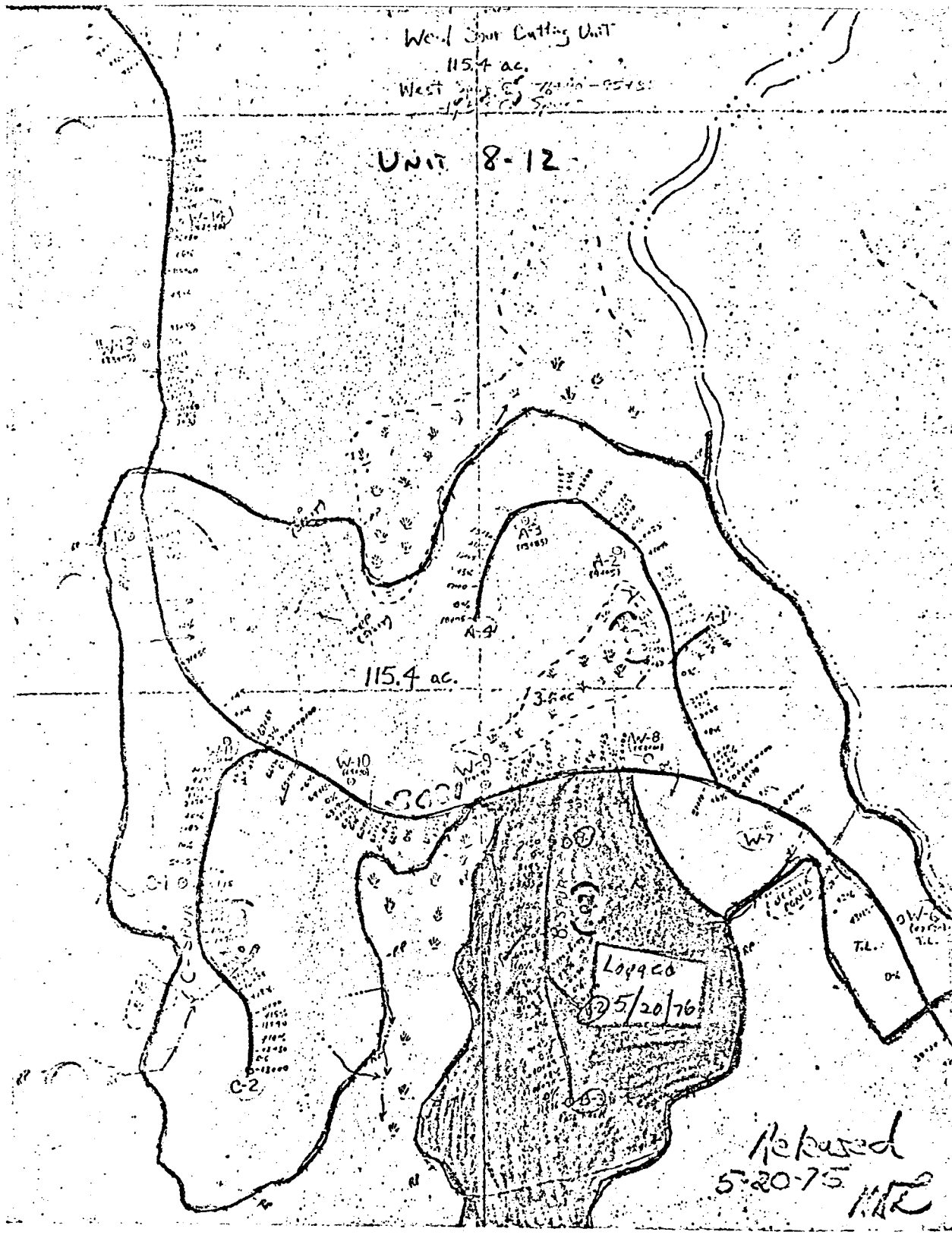
13. Management Zone GENERAL FOREST (TIZ, WIZ, G.F., etc.)

14. Explain under remarks what specific steps were taken to coordinate timber harvest with all other resources in area. Also include any other data you think pertinent to this area.

15. REMARKS:

FISH STREAM PROTECTION REQUIREMENTS:

1. TIMBER WILL BE FELLED AND YARDED AWAY FROM THE RIVER.
2. ALL TIMBER AND LOGGING DEBRIS WILL BE KEPT OUT OF THE STREAM CHANNEL. IF TIMBER OR DEBRIS FALLS IN STREAM IT WILL BE REMOVED AS SOON AS POSSIBLE.
3. ALL LOGGING EQUIPMENT WILL BE KEPT OUT OF THE STREAM CHANNEL AND CARELESS GOUGING OF STREAM BANKS WILL BE PROHIBITED.
4. ALL CLEANUP INCIDENTAL TO LOGGING OPERATIONS WILL BE DONE CONCURRENTLY WITH THE LOGGING OPERATION.


West Spur Cutting Unit
115.4 ac.
UNIT 8-12
115.4 ac.
A-1
A-2
A-3
A-4
W-8
W-9
W-10
W-7
W-6
C-1
C-2
Logged
5/20/76
Released
5-20-75