(cc.) MIKE LORTON
LEN BRADY
[redacted]
PETE CURTIS

pbs

FISH STREAM SURVEY

DATE: MAY 20, 1980

CAMP MARBLE ISLAND UNIT _____

STREAM CATALOGUE # 103-90-084 (ROAD) 5645 (NORTH)

QUAD MAP Craig D-5 T 68 S R 77 E SECT 13 & 8 & 24

CHICK MAP _____ T _____ R _____ SECT _____

SPECIES PRESENT	STAGE OF DEVELOPMENT
COHO SALMON	
CHUM SALMON	
DOLLY VARDEN	

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:	Stream #1N	✓ Dolly Varden	
BELOW ROAD CROSSING:	"	✓ Coho, Chum	
WITHIN UNIT BOUNDARY:			
BELOW UNIT BOUNDARY:			

FISH STREAM(S) INTERSECTION(S) MARKED WITH METAL TAGS: ROAD ____ UNIT ____
FISH STREAM(S) FLAGGED: BLUE/WHITE #1-N ORANGE/WHITE ____
FISH STREAMS TRAVERSED: YES ____ NO ✓
TRAVERSE NOTES ATTACHED: YES ____ NO ✓
IS ADDITIONAL PARAMETER INFORMATION NECESSARY? YES ____ NO ✓
IF SO DESCRIBE:

STREAM TEMP.:

METHODS USED TO DETERMINE PRESENCE OF FISH:

STREAM #	DATE	#FISH	SPECIES	LENGTH	GEAR	TIME
1-North	20 May 80	30	Coho	2"		10 min
		10	Chum	2"		10 min

PERTINENT WILDLIFE INFORMATION:

COMMENTS:

SURVEY CREW MEMBERS:	SIGNATURE	DATE
AL KLUTHE	Al Kluthe	23 May 80
Glenn A Hopper	Glenn Hopper	5-23-80
PAUL SUCHANEK		
Beth KLUTHE	Beth Kluthe	5/23/80

REPORT REVIEWED BY:

SIGNATURE	TITLE	DATE
Michael E. Navy		6/31/80

RECOMMENDATIONS:

See attached pages for site specific infor & recommendations

5645 (NORTH)
Marble Island
20 May 1980

1st V-notch (Bridge)

The bridge over this V-notch looks good and the stream was cleaned out. Recommend that old batteries not be discarded along the road so as to maintain water quality.

STREAM # 1-B

This culvert passes fish OK and was chunk cleaned OK.

STREAM # 1-A

This culvert passes fish OK and was chunk cleaned OK.

Stream # 1-South

There was one heavy equipment crossing upstream from the bridge. This bridge passes fish OK.

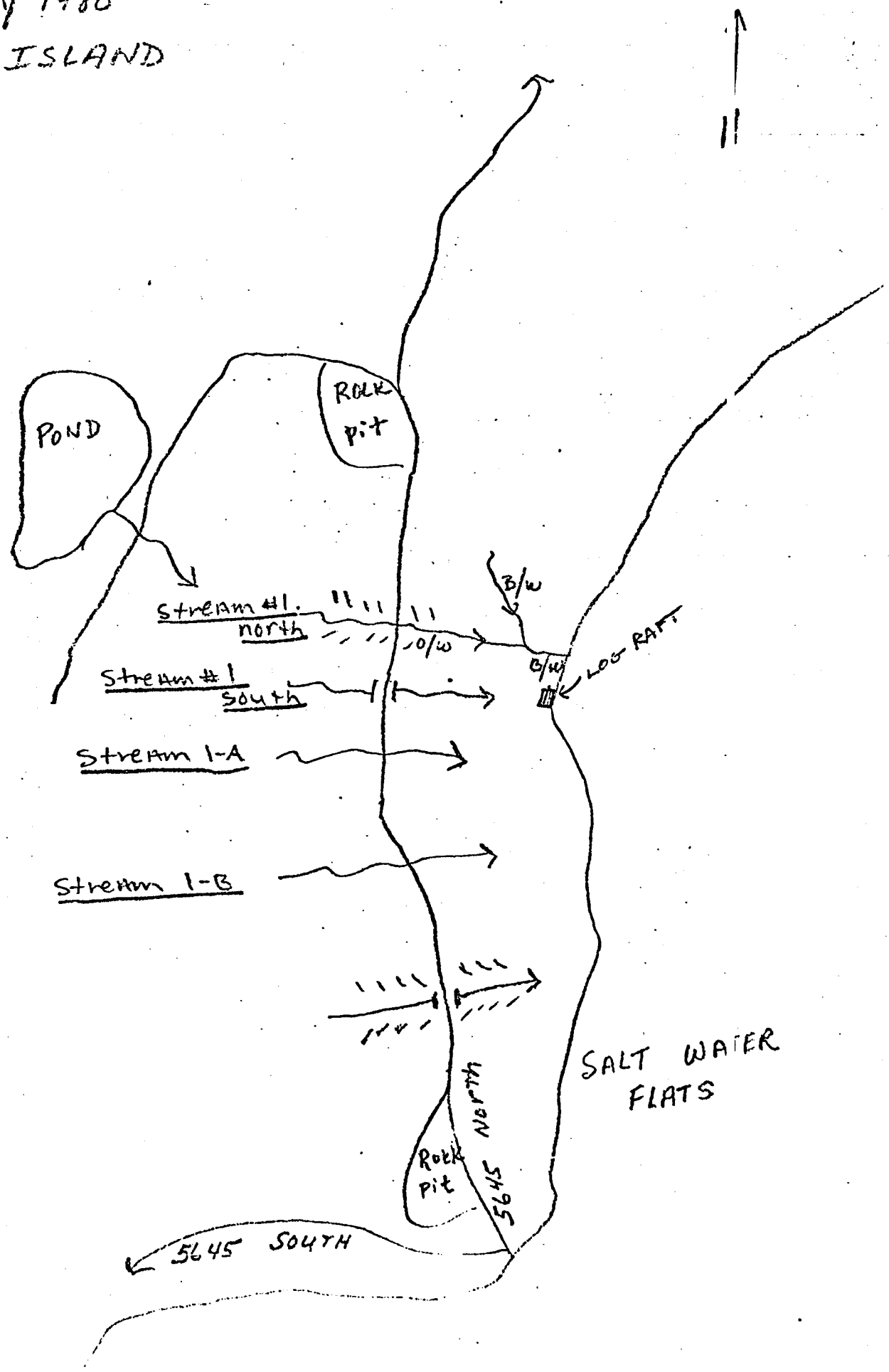
Stream #1-North

This V-notch was filled with fill and the culvert passes some water with the rest filtering through the land gravel. There is salmon habitat below the crossing but not above the crossing. There was evidence of silt 3-500' downstream. 30 coho and 10 chum salmon about 2" long were stranded downstream. Culverts should be laid to grade to avoid flow thru Road bed - Water Quality must be maintained on all fish habitat

Pond Is there ANY WAY to stop downstream sedimentation short of culvert replacement

There was no culvert were the road crosses the outlet of the pond. This pond does not contain fish. No fish passage required but a culvert should be installed.

Stream #1-North #2-North

At the mouth of these streams a float log raft is anchored. This should be removed as it is ~~situated~~ on intertidal spawning gravels.

5645 NORTH
20 MAY 1980
MARBLE ISLAND