PRELIMINARY LAKE SURVEY DATA FORM

Name MARGARET Lake Date 7/6/78

Code No. 101-90-39

Location MARGARITA BAY : TRAITORS Cove Weather Conditions OVERCAST

I. Physical Data

1. Lake bathymetry a) Completed /NO/ b) No. of Transects ____

2. Temp.
   a) Surface Inlet °C. 13.5 c
   b) Surfact Outlet °C. 17.0 °c
   c) Bottom °C. ____
   d) Mid-depth °C. ____
   e) Air °C. 18.0 °C

3. Temp. Profile Taken /NO/

   Location NO

4. Secchi disc reading (Time 12:45 p.m.) OVERCAST

Location	Out Depth	In Depth	Overage
STATION #1	23' 11"	22' 1"	23' 0"
STATION #2	22' 0"	20' 11"	21' 5½"

5. Discharge cfs

   Inlet not measured

   Outlet 35 cf

II. Chemical Data

1. Dissolved Oxygen
   f) STATION #2 (SURFACE) 9.5 ppm
   a) Surface Inlet ____
   b) Surface Outlet ____
   c) Bottom (deepest) ____
   d) Mid Depth ____
   e) STATION #1 (SURFACE) 9.7 ppm

   D.O. Profile Completed /NO/

   Location NO

2. pH 7.5 Location Sampled STATION #1

3. Conductivity NOT TAKEN Location Sampled ____

4. Hardness NOT TAKEN Location Sampled ____

5. Alkalinity NOT TAKEN Location Sampled ____

III. Biological Data

1. Plankton - Vertical Tow

Net & Cup Size			Both from the bottom
Depth of Tow	30'	28'	
No. of Samples	1	1	
Location	Sta #1	Sta #2	

2. Benthos:

Type of Gear	Not
No. of Samples	Taken
Depth	
Bottom Type	

3. Rooted Aquatic Plants

Species Present	Location
lily pad (Nuphar)	edge of lake

4. Fish

Gillnet # Set 2 Length of Time 23 hr

Minnow Trap # Set 3 Length of Time 24 hr

5. REMARKS:

(7/6/78) Trap #1 - 1000 - 1000 (7/7/78) - 0 Fish

Trap #2 - 1020 - 1000 - 3 3spine sticklebacks

Trap #3 - 1020 - 1000 - 3 3spine sticklebacks & 1 sculpin

Gillnet #1 - 1000 - 1045 - see fish sampling forms

Gillnet #2 - 1020 - 1000 - " " " "

Barrier falls (two 15' cascades) 300 yds below lake