ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH
LAKE SURVEY SUMMARY

LAKE Jatahmund L. (Swan)

MAP REF. Nabesna C-2 & C-3 T 10N R 18E S LAT. 62°37'N LONG. 142°00'W

LOC. South of Northway, approx 25 air miles SURV. ELEV. 2171'

1. SURF. ACRES ____ MAX. DEPTH 78' AVG. DEPTH ____ ACRE FT. ____
   SHOAL AREA ____ WATER COLOR Crystal Clear SECCHI READING 15-20'
   AQUATIC VEGETATION less than 10% of lake had vegetative growth → water lilies
2. FISH SPECIES: NATIVE NP, LT ? reported Northway res. INTRODUCED —
3. FISHING HISTORY poor N.P. fishery, very little fishing done by local residents that is known
4. INVERTEBRATES ____
5. INLETS ____ DISCHARGE ____ cfs
   ____ DISCHARGE ____ cfs
   ____ DISCHARGE ____ cfs
   BARRIERS ____
6. OUTLETS ____ DISCHARGE ____ cfs
   ____ DISCHARGE ____ cfs
   BARRIERS ____
7. SPAWNING AREAS ____
8. WATERSHED TYPE Black Spruce, Muskeg DRAINAGE AREA ____ sq. mi.
9. ACCESSIBILITY Fly-in Accessibility
10. ACCESS STATUS ____
11. USE SITE ____ FACILITIES ____
12. OTHER USE ____
13. POLLUTION ____
14. REMARKS

AIR TEMP. °C ____
H_2O TEMP. °C 17.5
FREE ACIDITY ____
TOTAL ACIDITY ____
ALKALINITY 4 g/g $CaCO_3$
TOTAL HARDNESS 2 g/g $CaCO_3$
CO_2 ____
pH 8.5 (8.0)

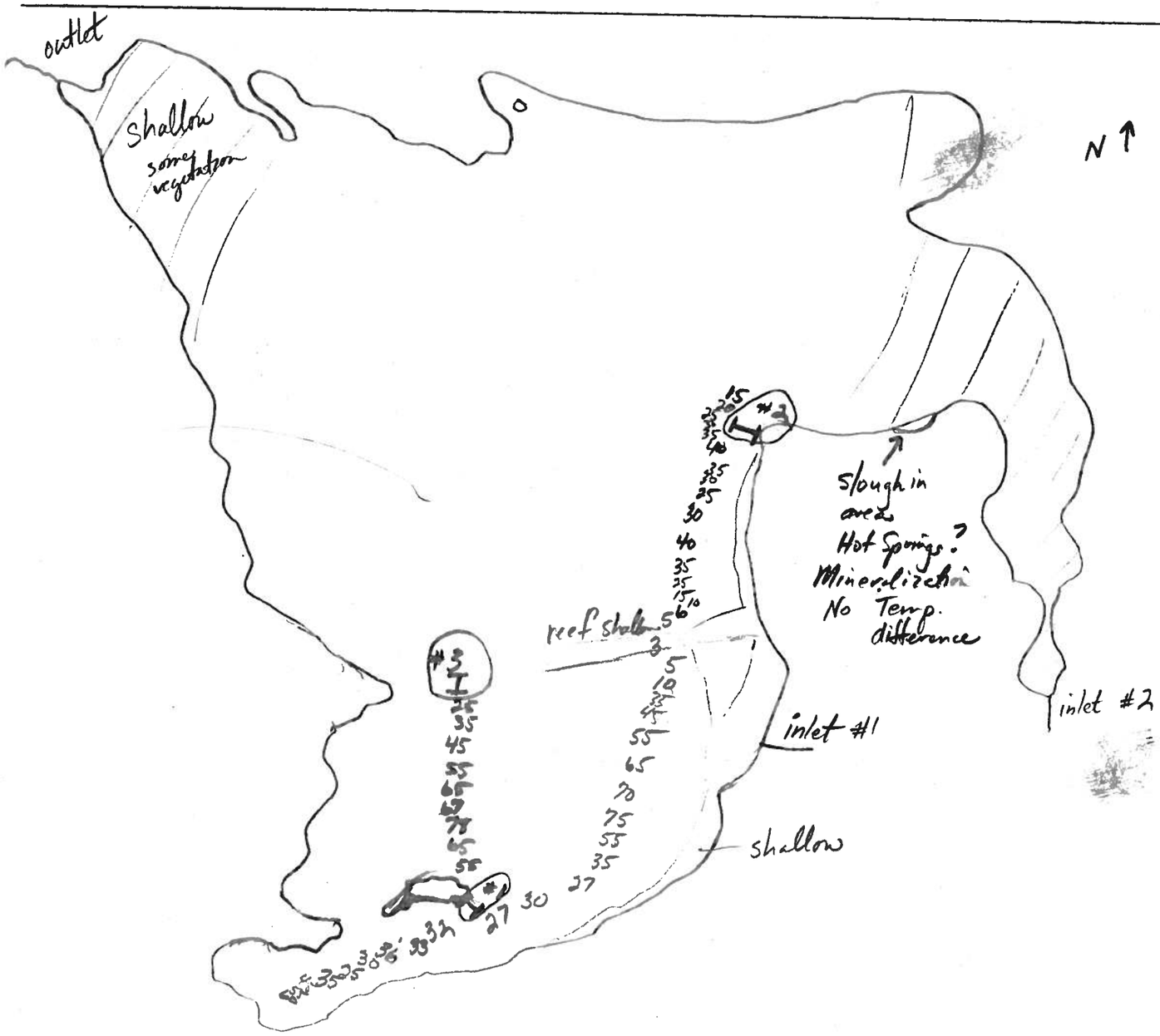
CAPTURE EFFORT:
3 nets - 44 net hrs. - 4 N.P.
H. & L. 2½ man hrs. - 0

SPECIES CAPTURED	Freq.	#	LENGTH RANGE	WEIGHT RANGE
N. P.	0.09	4	414mm - 662 mm	1¼# - 2½#
NP	♂	1	414	1.25
redevelop.	♀	2	524 $\bar{x}$=535	2.50
red. eggs	♀	3	538	2.50
devel.	♀	4	662	—

BY Pearse & Jennings DATE 7-24-79 CONTINUED ON REVERSE

DRAW LAKE AND INCLUDE:

1. INLETS, OUTLETS
2. DEPTH TRANSECTS
3. FLOAT PLANE TIE UP
4. CAMP LOCATION & OTHER SUITABLE SITES
5. NETTING & SAMPLE LOCATIONS
6. INLET & OUTLET TEMP. & CFS
7. HOOK & LINE LOCATIONS
8. LITTORAL AREA & SHOALS
9. SHORE TYPE - VEGETATION
10. CABINS, DWELLINGS
11. TOPOGRAPHY & NORTH



REMARKS: cabin on island in the south end of the lake -

Shoreline sandy along eastern shore by inlet #1 - most of the remaining ~~shoreline~~ sandy & gravel up to small boulder size

inlets & outlets - flow very sluggish to a standstill, outlet has water standing in it for 1/4 - 1/2 mi - then it fades into muskeg