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

LAKE #7 Geskakmina Lake

MAP REF. Kantishna R. C-1 T R S LAT. 64° 37' LONG. 150° 15'

LOC. SURF. ELEV. 589'

1. SURF. ACRES 256 MAX. DEPTH 25' AVG. DEPTH ACRE FT.
SHOAL AREA WATER COLOR SECCHI READING
AQUATIC VEGETATION

2. FISH SPECIES: NATIVE No fish caught in net INTRODUCED

3. FISHING HISTORY None

4. INVERTEBRATES

5. INLETS None DISCHARGE cfs
DISCHARGE cfs
DISCHARGE cfs
BARRIERS

6. OUTLETS None DISCHARGE cfs
DISCHARGE cfs
BARRIERS

7. SPAWNING AREAS Suitable for pike

8. WATERSHED TYPE DRAINAGE AREA ACRES

9. ACCESSIBILITY Float plane

10. ACCESS STATUS

11. USE SITE FACILITIES

12. OTHER USE Cabin on lake.

13. POLLUTION

14. REMARKS Water Temp. 64.5°F
Free Acidity
Total Acidity
Alkalinity phthenophthalene alk. 17.1 ppm
NO ALK. ~~M.O.~~ 34 ppm
Total Hrdness 34 ppm
CO2
pH 7.0

N. end swampy w/ emergent vegetation
New looking cabin on lake
Lake should be more fully investigated including winte D.O.'s

D.O. taken April 15, 1976
D.O. at 5' = 9ppm
" " 15' = 5ppm

BY Tack and Kramer DATE 8/13/75

Name of Lake: #7 (Geskakmina Lake)
Latitude: 64° 37' Longitude: 150° 15'
Surface acres: 256

River System: Kantishna R.
Elevation: 589'
Maximum depth: 25'

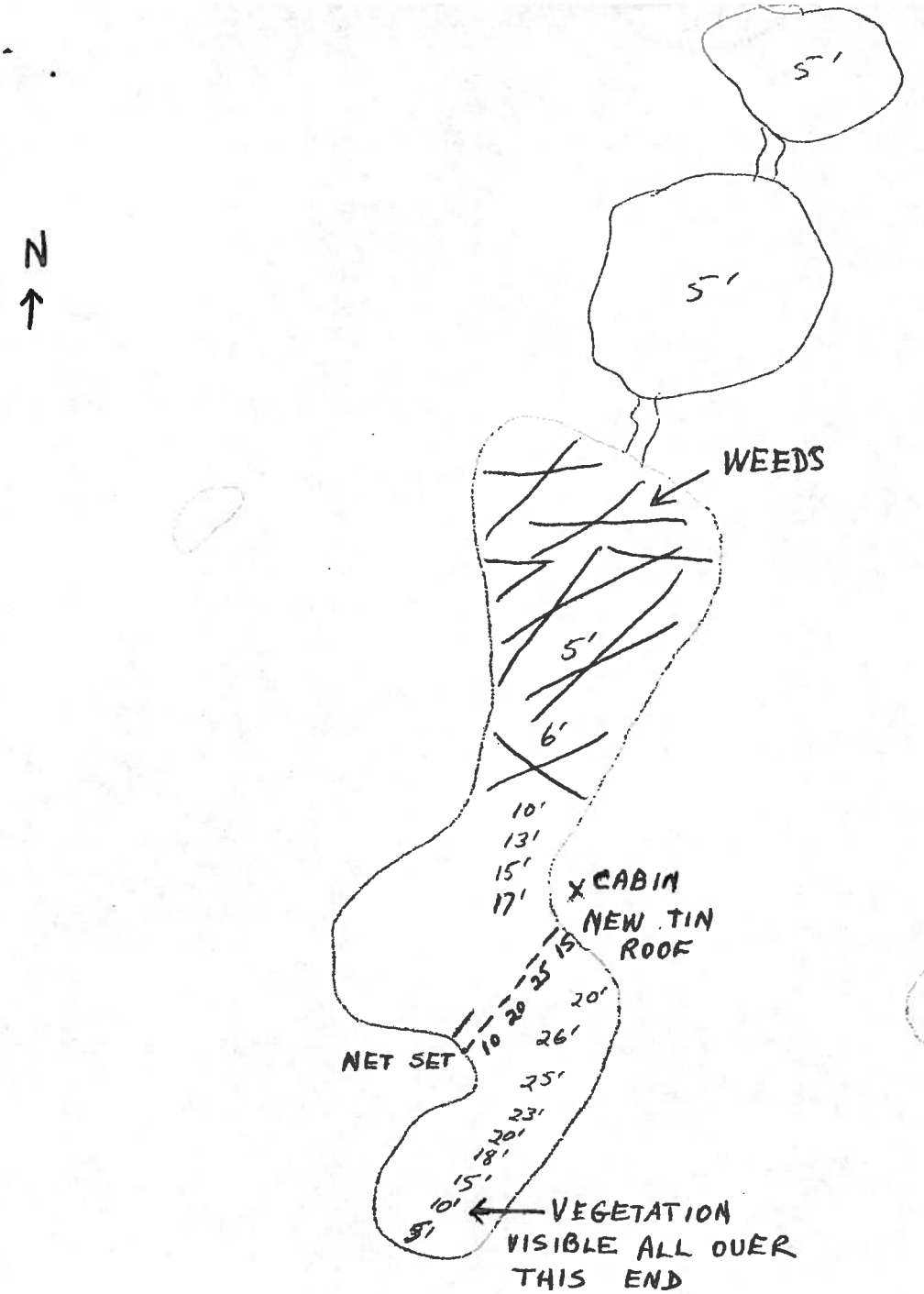
Water Chemistry:

Date:	8-13-75
Water Temp:	64°F
pH:	7.0
M.O. Alkalinity ppm:	34
Total Hardness ppm:	34

Fish sampling summary:

No fish were caught in 48 hours of gill netting.

Accessibility is by float plane only.


N
5'
5'
WEEDS
5'
6'
10'
13'
15'
17'
CABIN
NEW TIN ROOF
15
25
20
10
20'
26'
NET SET
25'
23'
20'
18'
15'
10'
5'
VEGETATION VISIBLE ALL OVER THIS END

Winter Dissolved Oxygen Sampling

Location: Geskakmina L

Date: 4/12/88

Station Number	Water Depth	Snow Depth	Ice Thickness	Sample Depth	Water Temp	D.O.	Comments
	14'	44"	36"-40"	5'	1.5	10.4	
				10'	3.0	6.9	
				13'	3.2	4.1	

Figure 5: GESKAKMINA LAKE

Depths are Shown in Feet



