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

LAKE Grayling Lake

MAP REF. Bettles T 25N R 13W S LAT. 66°57' LONG. 150°23'

LOC. Adjacent to haul road between Prospect and Coldfoot SURF. ELEV. 1,400'

1. SURF. ACRES MAX. DEPTH approx. 6' AVG. DEPTH approx. 4' ACRE FT.
SHOAL AREA entire lake WATER COLOR transparent/brown SECCHI READING 4'
AQUATIC VEGETATION very dense

2. FISH SPECIES: NATIVE grayling INTRODUCED

3. FISHING HISTORY unknown

4. INVERTEBRATES dense

5. INLETS 3 DISCHARGE less than 1 cfs each cfs
DISCHARGE cfs
DISCHARGE cfs
BARRIERS None

6. OUTLETS 1 DISCHARGE cfs
DISCHARGE cfs
BARRIERS Beaver dam across entire width. No flow

7. SPAWNING AREAS western shoreline has good gravel/sand bottom over small area

8. WATERSHED TYPE Brooks Range foothills DRAINAGE AREA ACRES

9. ACCESSIBILITY Float plane or haul road

10. ACCESS STATUS "haul road"

11. USE SITE None FACILITIES culverts at northwest inlet (2)

12. OTHER USE None

13. POLLUTION None

14. REMARKS

Air temperature: 70°F

Water temperature: 65°F

Capture Effort: (1) 12 hour net night with 125' x 6' green mult. exp. floater

Species Captured: 56 grayling, length range, 120 to 415 mm, weight range n/a

Good population of grayling all ages represented. Spawning completed by end of 1st week of June. Some spawning possibly in outlet or gravel bottom on west shore. Lake bottom is silt/peat/mud and densely vegetated. Entire lake is shallow. Thousands of grayling surfacing and rolling on evening of 7th. Mosquitoes are bad. Outlet is not flowing, but is dark water and meanders. Mud bottom near lake with small beaver dam. No beaches around lake - vegetation down to waterline. Shore vegetation mostly willows and dwarf birch - some light strands of black spruce. Poor camp site potential.

BY Bendock DATE 6/8/79

FG 206.2/68

ALASKA DEPARTMENT OF FISH AND GAME
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LAKE SURVEY SUMMARY

LAKE Grayling Lake

MAP REF. USGS Bettles T R S LAT. 66° 57' LONG. 150° 22'

LOC. SURF. ELEV. 1265

1. SURF. ACRES MAX. DEPTH AVG. DEPTH ACRE FT.
SHOAL AREA WATER COLOR clear SECCHI READING
AQUATIC VEGETATION some green algae

2. FISH SPECIES: NATIVE grayling INTRODUCED

3. FISHING HISTORY Probably little unless amphibious planes land for fishing.

4. INVERTEBRATES

5. INLETS probably two DISCHARGE less than 1 cfs
DISCHARGE cfs
DISCHARGE cfs
BARRIERS

6. OUTLETS DISCHARGE less than 1 cfs
DISCHARGE cfs
BARRIERS

7. SPAWNING AREAS lower 1/4 mile of incoming stream

8. WATERSHED TYPE some spruce and muskeg types DRAINAGE AREA ACRES

9. ACCESSIBILITY plane (amphibious) or foot

10. ACCESS STATUS probably P.D.

11. USE SITE FACILITIES

12. OTHER USE none

13. POLLUTION none

14. REMARKS

BY DATE

FG 206 2/69