MEMORANDUM State of Alaska

TO: George Van Wyhe, Regional Supervisor
Sport Fish Division
Fairbanks

DATE: April 3, 1975

FILE NO:

TELEPHONE NO:

FROM: Kenneth T. Alt, Fishery Biologist
Sport Fish Division
Department of Fish and Game, Fbks.

SUBJECT: Delta Trip - April 1 and 2

Donnelly Dome area lakes on east side of Richardson Highway near Scenic Lookout 21 miles from Delta.

Used trackster to survey these lakes. From south to northeast of highway. The pipeline crosses the highway after the first small lake. It is Donnelly #1, very small (2 acres), frozen to bottom.

#2 is immediately north of pipeline 4 acres; frozen to bottom.

#3 is 30 acres; frozen to nearly the bottom, 1 inch water; ice = 3.5 feet.

#4 is Island Lake approximately 50 acres; 18 feet deep. DO - 6.0 ppm.

#5 is close to road; 4 acres; frozen to bottom.

#6 is two acres; close to road; frozen to bottom.

#7 is 6 acres; frozen to bottom.

#8 is 10 acres; frozen to bottom.

#9 is 4 acres; frozen to bottom.

These lakes will be checked in the summer to see how the bottom looks.

Pt. Greely Lakes Near North and South Twin Lakes

Lake A - Immediately south of South Twin; 3 acres; 9 feet deep; no fish; DO - 2 ppm.

Lake B - Large lake southeast of A; 20A, 12 feet deep; DO - 6 ppm, easily accessible. ≃ 12 Acres

Lake C - Small lake southwest of B; 4A, 5 feet deep, no O_2.

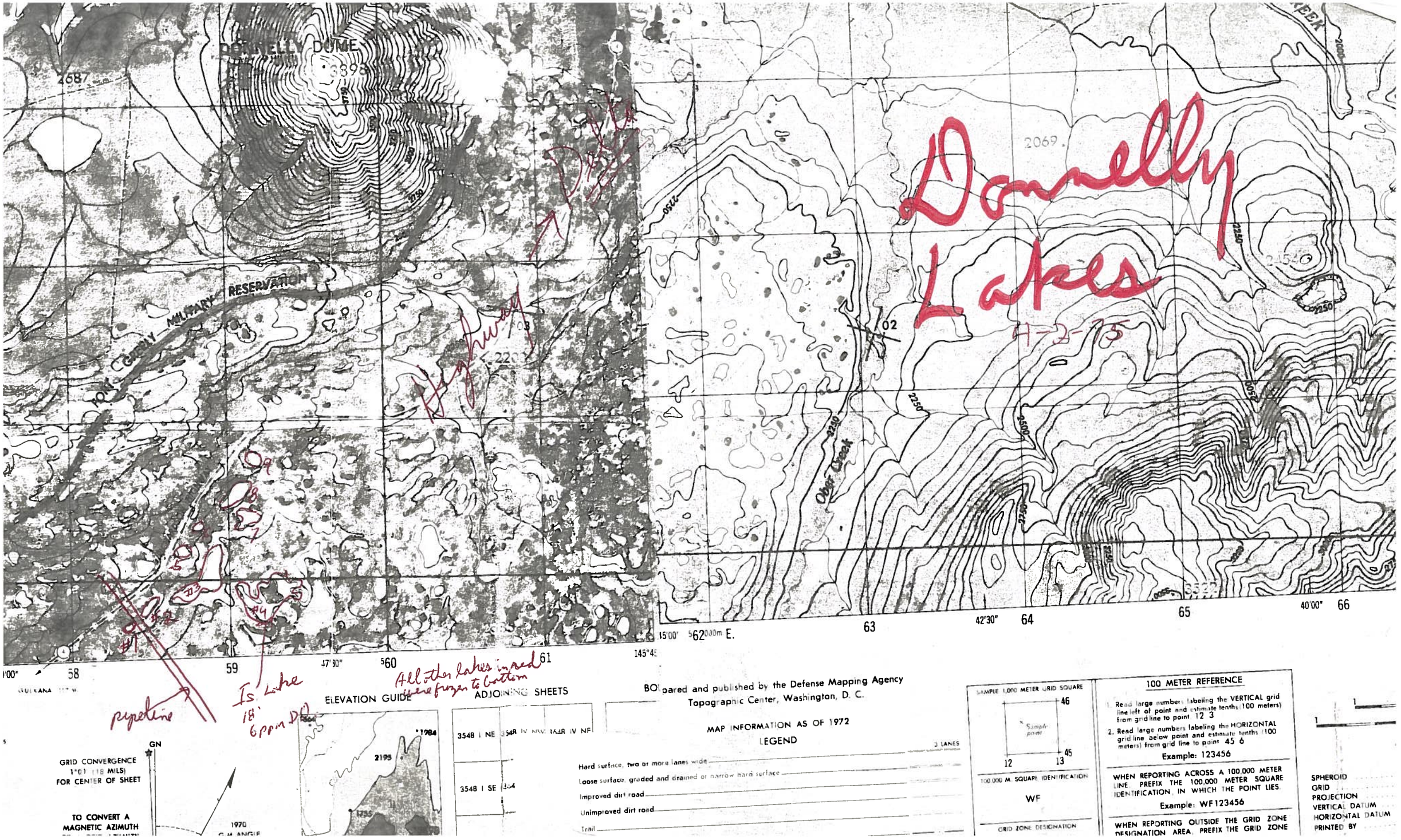
Lake D - South of C; 6 acres; 5 feet deep, no O_2.

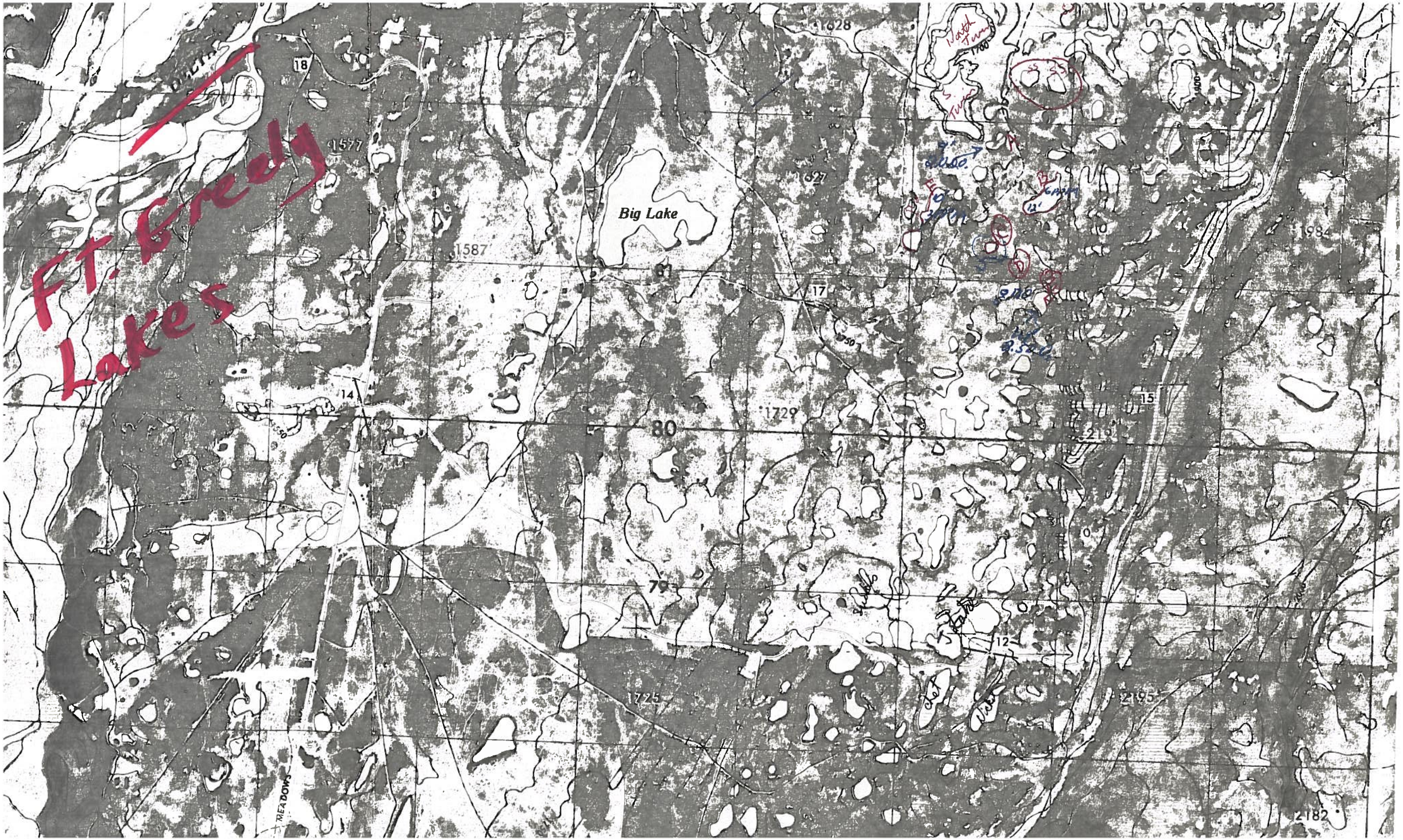
Lake E - East of D; 6 acres, 14 feet deep, DO - 2.5 ppm

Lake F - Actually two lakes with channel at high water approximately 20A; 10 feet deep; DO - 3 ppm.

In addition Dick will check three lakes near Big Lake.

These lakes will be test netted thissummer to see if suckers are present.


DONNELLY DOME
3393
2687
2069.
Donnelly Lakes
4-2-75
FORT GREELY MILITARY RESERVATION
Richardson Highway
Otter Creek
2250
2350
2500
2200
2150
02
22
58
59
60
61
62
63
64
65
66
47'30"
42'30"
40'00"
15'00"
145°4
62000m E.
pipeline
Is. Lake
18'
6 pm DD
All other lakes ice free to bottom
ELEVATION GUIDE
ADJOINING SHEETS
3548 I NE
3548 I SE
3548 IV NW
3548 IV NE
1284
2195
1735
GN
GRID CONVERGENCE
1°01 (18 MILS)
FOR CENTER OF SHEET
TO CONVERT A
MAGNETIC AZIMUTH
1970
Prepared and published by the Defense Mapping Agency
Topographic Center, Washington, D. C.
MAP INFORMATION AS OF 1972
LEGEND
3 LANES
Hard surface, two or more lanes wide
Loose surface, graded and drained or narrow hard surface
Improved dirt road
Unimproved dirt road
Trail
SAMPLE 1,000 METER GRID SQUARE
46
45
12
13
Sample point
100,000 M. SQUARE IDENTIFICATION
WF
GRID ZONE DESIGNATION
100 METER REFERENCE
1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point 45 6
Example: 123456
WHEN REPORTING ACROSS A 100,000 METER LINE PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
Example: WF123456
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE
SPHEROID
GRID
PROJECTION
VERTICAL DATUM
HORIZONTAL DATUM
PRINTED BY


Ft. Freely Lakes
Big Lake
1628
1577
1587
1729
1725
1984
2195
2182
18
17
14
15
80
79
12
MEADOWS