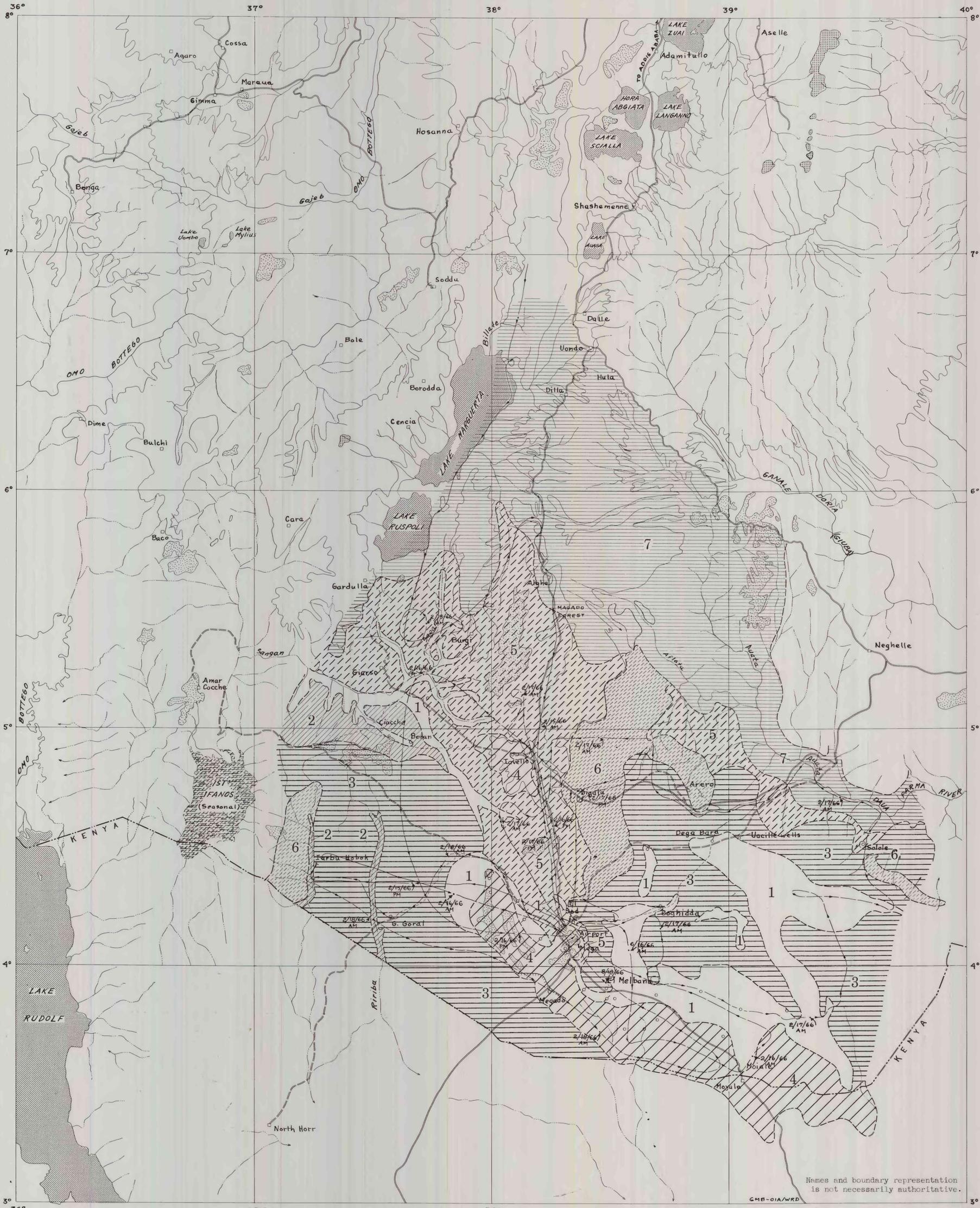


PREPARED BY THE UNITED STATES GEOLOGICAL SURVEY
IN COOPERATION WITH
THE IMPERIAL GOVERNMENT OF ETHIOPIA
UNDER THE AUSPICES OF THE
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT



EXPLANATION

Areas of Ground-water Availability
Showing areas favorable and unfavorable
to development of water for
livestock requirement.

Chiefly underground sources but
surface sources locally

1
Favorable for boreholes only

2
Semi-favorable for boreholes and
stock ponds

3
Unfavorable for any source

Chiefly surface sources but under-
ground sources locally

4
Favorable for stock ponds and springs

5
Favorable from stock ponds and
springs only

6
Semi-favorable for stock ponds

7
Unfavorable for any source

Existing water supplies

7
Surface water, including only
major sources

o
Groundwater, including
wells and springs

Approximate boundary of
ground-water area

Altitude, in meters above
mean sea level

▨
Above 4000

▨
2000-4000

▨
Isolated areas,
2000-3000

▨
0-2000

o
Wells and springs

o
Proposed exploratory well site

2/16/66
Flight line
Arrow indicates direction
of flight. Solid circle
indicates point of arrival.
Number indicates month, day,
and year; letter indicates
morning (AM) or afternoon (PM)

Escarpment
Sawtooth on low side

o G. Gorai
Explosion crater

Principal road (paved)

Other road

Track or trail

Base from U.S. Geological Survey, 1964,
Lake Marguerita, 1946 and Marsabit, 1956.

Hydrology by D.A. Phoenix, assisted by
S.T. Logan and Gebrehwet Zere,
February 1966.

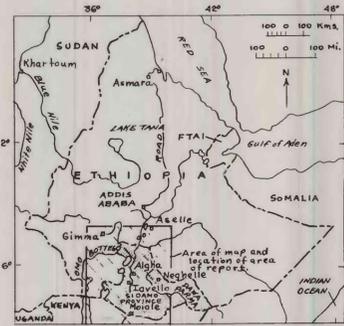


FIGURE 1.--MAP SHOWING AVAILABILITY OF WATER SUPPLIES, SIDAMO PROVINCE, ETHIOPIA

SCALE 1:1,000,000

25 0 25 50 75 100 KILOMETERS

25 0 25 50 75 100 MILES