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**LEGEND**

**POPULATED PLACES**  
Densely built-up areas  
Sparse to moderately built-up areas

**ROADS**  
Divided highway  
All weather, hard surface  
two or more lanes wide  
one lane wide  
All weather, loose surface  
two or more lanes wide  
one lane wide  
Fair or dry weather, loose surface  
Track; Trail  
Route marker: National

**RAILROADS**  
Single track  
Double track  
Normal gauge  
Narrow gauge  
Discontinued railroad  
Railroad station

**BOUNDARIES**  
International  
First-order administrative division (Gobalka)

**MISCELLANEOUS CULTURAL FEATURES**  
Building: Hut  
Church, Mosque  
Synagogue, Temple  
Shrine, Cemetery  
Mina; Tank  
Dam; Masonry; Earthen  
Pipeline:  
Above ground  
Below ground  
Bridge; Road; Railroad  
Area name  
GUUD XAAD  
Spot elevation: Highest, Normal, 828 413

**AERONAUTICAL DATA**  
Tall object  
Obstruction  
Power line  
Artificial  
Heliport

**DRAINAGE**  
Streams  
Ditches  
Perennial, less than 25m wide  
Perennial, over 25m wide  
Spring; Perennial, intermittent  
Wet; Perennial, intermittent  
Disappearing stream; Sabaha  
Salt evaporator; Wet sand  
Dry lake  
Intermittent lake; Land subject to natural inundation  
Swamp; Rice  
REUSE  
Greater height than contour interval  
Less height than contour interval  
Levee; Levee carrying road

**VEGETATION**  
Woodland; Scrub  
Orchard; Vineyard

**NOTES**  
COMPILED IN 1989 FROM BEST AVAILABLE SOURCES.  
LANE WIDTH IS 3.0 METERS (10 FEET) UNLESS OTHERWISE INDICATED IN THE INTERIOR OF THE MAP.  
IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

**CONVERSION GRAPH**  
(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet	Meters	Feet
700	2300	1400	4500	2100	6800
600	1900	1300	4200	2000	6600
500	1600	1200	3900	1900	6200
400	1300	1100	3600	1800	5900
300	1000	1000	3300	1700	5600
200	700	900	3000	1600	5200
100	400	800	2700	1500	4900
0	0	700	2300	1400	4500

**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 40 METERS**  
SUPPLEMENTARY CONTOURS 20 METERS

**GLSSARY**  
Bannaarka  
Buzaha  
Dabaal

Scale 1:100,000

Scale bar: 0 to 10 Kilometers / 0 to 7 Statute Miles / 0 to 6 Nautical Miles

**ELIPSOID** ..... WORLD GEODETIC SYSTEM 72  
**PROJECTION** ..... TRANSVERSE MERCATOR  
**VERTICAL DATUM** ..... MEAN SEA LEVEL AT MOGADISHU  
**HORIZONTAL DATUM** ..... WORLD GEODETIC SYSTEM 72  
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**COORDINATE CONVERSIONS WGS 72 TO WGS 84**  
Grid: Add 17m E.; Add 5m N.  
Geographic: Add 0.6" Long.; Add 0.1" Lat.

**100 METER REFERENCE**  
1. Read large numbers labeling the VERTICAL grid line left of point 12 3.  
2. Read large numbers labeling the HORIZONTAL grid line below point 12 and estimate tenths (100 meters) from grid line to point 45 8.  
Example: 123458

**WHEN REPORTING ACROSS A 100,000 METER LINE FROM THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES**  
Example: NS 123458

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION**  
Example: 38N123458

**GRID CONVERGENCE** (PRO) (1 MIL) FOR CENTER OF SHEET

**TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH**  
ADD G-M ANGLE

**TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH**  
SUBTRACT G-M ANGLE

**THIS MAP IS RED-LIGHT READABLE**

**HYDROGRAPHIC DATUM** ..... MEAN LOW WATER

Depth curve (meters)  
Foreshoresh flats  
Rocks exposed; Reef  
Wharf; pier  
Seawall  
Dilgas platform

**BOUNDARIES**  
Gobalka Woodoyi Galeb  
Gobalka Together

**ADJOINING SHEETS**  
8445 8545 8645

**ELEVATION GUIDE**  
1800  
1500  
1400  
1300  
1200  
1100  
Highest High Medium Low