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**LEGEND**

**POPULATED PLACES**  
Built-up area  
Village

**ROADS**  
All weather, hard surface, two or more lanes wide  
All weather, loose or light surface, two or more lanes wide  
All weather, hard surface, one lane wide  
All weather, loose or light surface, one lane wide  
Fair or weather, loose surface  
Cart track  
Footpath: trail

**ROUTE MARKERS**  
National, International  
Provincial, Communal or other

**RAILROADS**  
Normal gauge, single track  
Narrow gauge, single track  
Normal gauge, double track  
Airfield: Information unknown

**BRIDGES**  
Wood  
Steel  
Concrete  
Footbridge

**MISCELLANEOUS CULTURAL FEATURES**  
Ferry  
Road on levee  
Levee, Wall  
Church: Christian shrine; School  
Temple; Pagoda; Minor pagoda  
Post office; Telegraph; Telephone  
Cemetery  
Fort, Ruins  
Province office; Delegation office

**BOUNDARIES**  
International boundary  
First-order administrative division (Tỉnh)  
Area name  
Historical control point  
Spot elevation:  
Highest; Checked; Unchecked... 1494 729 729

**STREAMS**  
Perennial; Intermittent  
Canal or ditch: Less than 18 meters wide; Over 18 meters wide  
Lake or pond; Perennial; Intermittent  
Salt evaporator  
Large rapids  
Large falls  
Small falls  
Tank; Well; Spring

**OBSTRUCTIONS**  
Elevation of obstruction top above sea level  
Elevation of obstruction top above ground level  
High tension power transmission line  
Telephone or telegraph line

**NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.**

**NOTES**  
A LANE ON THIS MAP IS CONSIDERED TO BE 2.4 METERS (8 FEET) WIDE.  
THE NUMBER IN PARENTHESES FOLLOWING A POPULATED PLACE NAME INDICATES MORE THAN ONE PLACE IS SO NAMED WITHIN THE MAP SHEET AREA.  
IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

**GLOSSARY**  
Ap: town  
Đã: station  
Đô: station  
Xã: station  
Mường: stream  
Núi: mountain  
S. Sông, Suối: river, stream  
Trạm: station  
X. Xã, Xóm: village

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

**ELEVATIONS IN METERS**  
CONTOUR INTERVAL 20 METERS  
SUPPLEMENTARY CONTOURS 10 METERS

**ELLIPSOID**  
WORLD GEODETIC SYSTEM 84  
1,000 METER UTM ZONE 48, WORLD GEODETIC SYSTEM 84 ELLIPSOID (BLACK NUMBERED LINES)  
1,000 METER UTM ZONE 48, WORLD GEODETIC SYSTEM 84 ELLIPSOID (BLUE NUMBERED TICKS)  
1,000 METER UTM ZONE 48, EVEREST ELLIPSOID (RED BROWN NUMBERED TICKS)

**PROJECTION**  
VERTICAL DATUM: MEAN SEA LEVEL  
HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 84  
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**100 METER REFERENCE**  
1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenth (100 meters) from grid line to point. 12.3  
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenth (100 meters) from grid line to point. 45.6  
Example: 12345.6

**100,000 M. SQUARE IDENTIFICATION**  
GRID ZONE DESIGNATION: 48P  
AREA PREFIX: 48P  
Example: 48PAN123456

**WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.**  
Example: AN123456

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.**  
Example: 48PAN123456

**TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH**  
MAGNETIC AZIMUTH = GRID AZIMUTH - ANGLE

**TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH**  
GRID AZIMUTH = MAGNETIC AZIMUTH + ANGLE

**SCALE 1:50,000**

**BOUNDARIES**

**ADJOINING SHEETS**

**ELEVATION GUIDE**

**SLOPE GUIDE**

**THIS MAP IS RED-LIGHT READABLE**

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