

Strand M6 Map Reading and Navigation
 Section A2 Topographic Map Basics
 "Leaders Know the Way"

TOPOGRAPHIC MAP BASICS ASSESSMENT

Name _____ **KEY** _____







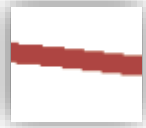


Write the correct colors into the blank boxes to the right. Each color is used only once.

Red	Green
Red-Brown	Black
Brown	Blue

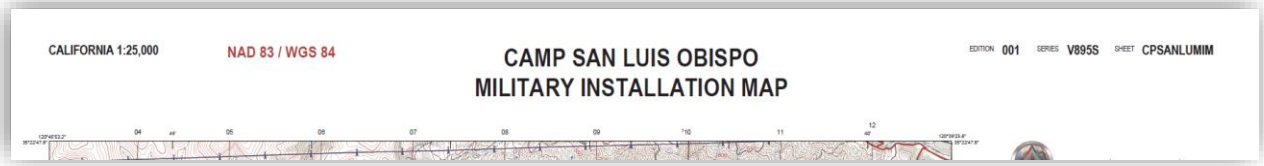
Black	Indicates cultural (man-made) features such as buildings and roads, surveyed spot elevations, and all labels.
Red	Classifies cultural features, such as populated areas, main roads, and boundaries, on older maps.
Green	Identifies vegetation with military significance, such as woods, orchards, and vineyards.
Brown	All relief features & elevation, contours on older maps, and cultivated land on red-light maps.
Blue	Identifies hydrography or water features such as lakes, swamps, rivers, and drainage.
Red-Brown	Red & brown are combined to identify cultural features, all relief features, non-surveyed spot elevations, and elevation.

Identify the Following Symbols:

A)Major Road, B)Intermittent Pond, C)Church, D)Tower, E)Minor Road, F)School, G)Mine, H)Pond, I)Trail

			
G	B	C	
			
D	H	F	
			
A	E	I	

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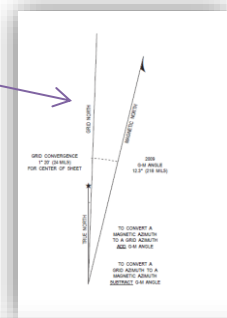


Use the marginal information above to answer the following questions:

- 1) What is the Sheet Name? CAMP SAN LUIS OBISPO MILITARY INSTALLATION MAP
- 2) What is the Sheet Series (Number)? V895S

Draw a line from the Marginal Sections below to their respective section

3) Declination Diagram



4) Scales

5) Legend

6) Special Notes

7) Grid Reference Box

THIS MAP DOES NOT MEET NGA TOPOGRAPHIC LINE MAP PRODUCTION SPECIFICATIONS.
 THE MILITARY RESERVATION BOUNDARY SHOULD NOT BE CONSIDERED AUTHORITY.
 THERE MAY BE PRIVATE HOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.
 A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.
 ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.
 CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.
 THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING, AND NAVIGATION AT THIS SCALE.

<p>SAMPLE 1,000 METER GRID SQUARE</p> <p>100,000 M. SQUARE IDENTIFICATION</p> <p>GE</p> <p>GRID ZONE DESIGNATION</p> <p>10S</p>	<p>100 METER REFERENCE</p> <ol style="list-style-type: none"> Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3 Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 5 <p>Example: 056123</p> <p>WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.</p> <p>Example: GE056123</p> <p>WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.</p> <p>Example: 10SGE056123</p>
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ELEVATIONS IN METERS
 CONTOUR INTERVAL 10 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 DATUM: WORLD GEODETIC SYSTEM 1984
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: MEAN SEA LEVEL
 HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 1984
 PRIME MERIDIAN: U.S. NAVY BOUNDANCE PROGRAM