![USGS science for a changing world]

U.S. Department of the Interior DBID
U.S. Geological Survey DBID

Prepared in cooperation with the *Prepared In Cooperation Note*
Put your cooperator's (or cooperators') name(s) here *Cooperator Note*

Map Series Headnote **Scientific Investigations Map 2900**
Pamphlet Accompanies Headnote **Pamphlet accompanies map**

align top of explanation title with highest part of neatline

minimum 0.50" space

center of map area

122°15' 12'30" 10' 122°07'30"
37°30' 37°30'

Style Guide name: *MapStyleGuide_GENERIC(w-pamphlet)_print_1sht_v1-1_01-15.pdf*
Note that this PDF file is an informational Style Guide only and does not contain any Paragraph or Character styles – to apply actual styles to a layout, please use the accompanying Illustrator Map Template file called *MapTemplate_GENERIC(w-pamphlet)_print_1sht_v1-1_01-15.ai*

In the accompanying Map Template file, type specifications for each text element have been built as Paragraph Styles (for example, Map Series Headnote is specified as Univers 67 Bold Condensed, 14 pt, 17 pt leading). In addition, a few special type formats have been built as Character Styles (for example, map-unit names and ages in the explanation are specified as Times New Roman Bold, 10 pt, 12 pt leading). The styles are accessible from the Paragraph Styles and Character Styles palette windows.

Note that the template contains examples of only the most basic, fundamental elements that will appear on a typical map layout. Also, the small size of the map layout and of the map itself is for example purposes only – it is not intended to restrict the actual size of a map or map layout. In reality, many factors (for example, the size of the map, the number of map units and symbols, and the presence of cross sections, tables, or figures) will affect the actual size of a map layout and the final positioning of map elements.

Before finalizing layout, delete any style names, notes, arrows, or guides, as well as any outlines of text boxes, image area, and map layout (artboard) area.

Important note about applying type styles in the accompanying Map Template file to a layout:
Sometimes type that has been formatted using styles will either change to Myriad font or revert back to its "pre-Style" formatting after certain functions such as copying and pasting are performed. If a "+" appears after the style name in the Paragraph Styles palette when type in a text element is selected, then one of three things has likely happened: the style has not been fully applied to that type; the font has changed to Myriad; or the type has reverted to its "pre-Style" formatting. Clicking once more on the style name in the palette will apply the style completely and cause the "+" after the style name to disappear.

Please be advised that the contents of this Style Guide and the accompanying Map Template are for example purposes only and should not be used as guidelines for the representation of actual scientific relations or other real-world situations.

MapStyleGuide_GENERIC(w-pamphlet)_print_1sht_v1-1_01-15.pdf

Paragraph Styles built into the accompanying Map Template file:

DBID   [Univers 67 Bold Condensed, 14 pt, 17 pt leading, left justified]
Map Series Headnote   [Univers 67 Bold Condensed, 14 pt, 17 pt leading, right justified]
Pamphlet Accompanies Headnote   [Univers 57 Condensed Oblique, 11 pt, 13 pt leading, right justified]
Prepared In Cooperation Note   [Univers 57 Condensed, 12 pt, 15 pt leading centered]
Cooperator Note   [Univers 57 Condensed, 14 pt, 17 pt leading, centered]
Map Title   [Univers 67 Bold Condensed, 30 pt, 36 pt leading, centered]
By   [Univers 67 Bold Condensed, 18 pt, 31 pt leading, centered]
Map Author(s)   [Univers 67 Bold Condensed, 18 pt, 24 pt leading, centered]
Map Publication Date   [Univers 67 Bold Condensed, 16 pt, 22 pt leading, centered]
Author Affiliation Footnote   [Univers 57 Condensed, 8 pt, 11 pt leading, left justified]
Base Credit Note   [Univers 57 Condensed, 8 pt, 9 pt leading, left justified, 3 pt space after]
Vertical Datum Note   [Arial, 7 pt, 8 pt leading, all caps, centered]
Data/DB/Carto/Edit/Approval Note   [Univers 57 Condensed, 8 pt, 9 pt leading, left justified, 3 pt space after]
Recycled Paper Note   [Univers 57 Condensed, 6 pt, 7 pt leading, left justified, +30 tracking]
Print TradeName/ForSale/URL/Citation Note   [Univers 57 Condensed, 7 pt, 8 pt leading, left justified, 3 pt space after]
Lat/Long Value Along Right Side   [Univers 57 Condensed, 8 pt, 9 pt leading, right justified]
Lat/Long Value Along Left Side   [Univers 57 Condensed, 8 pt, 9 pt leading, left justified]
Lat/Long Value Along Top & Bottom   [Univers 57 Condensed, 8 pt, 9 pt leading, centered]
EXP Unit Label   [Arial, Regular, 8 pt, 10 pt leading, centered]
EXP Heading 1 (EXP Title)   [Times New Roman, Bold, 12 pt, 12 pt leading, all caps, centered]
EXP Heading 2   [Times New Roman, Bold, 10 pt, 12 pt leading, all caps, centered, 12 pt space before]
EXP Heading 3   [Times New Roman, Regular, 10 pt, 12 pt leading, all caps, centered, 10 pt space before]
EXP Heading 4   [Times New Roman, Regular, 10 pt, 12 pt leading, centered, 8 pt space before]
EXP Heading 5   [Times New Roman, Italic, 10 pt, 12 pt leading, centered, 8 pt space before]
EXP Bracketed Headnote - 1 Line   [Times New Roman, Regular, 10 pt, 12 pt leading, centered, 8 pt space before]
EXP Bracketed Headnote - More than 1 Line   [Times New Roman, Regular, 10 pt, 12 pt leading, centered, 8 pt space before]
EXP Paragraph   [Times New Roman, Regular, 10 pt, 12 pt leading, left justified, 66 pt left indent, 20 pt 1st line indent]
EXP Unit 1 (first after heading)   [Times New Roman, Regular, 10 pt, 12 pt leading, left justified, –20 pt 1st line indent, 4 pt space before]

Character Styles built into the accompanying Map Template file:

EXP Unit Name/Age   [Times New Roman, Bold, 10 pt, 12 pt leading]
Symbol Name   [Times New Roman, Bold, 10 pt, 12 pt leading]
Footnote # in Author List   [Univers 67 Bold Condensed, 13 pt, baseline shift 5 pt]
Footnote # in Author Affiliation Footnote   [Univers 57 Condensed, 6 pt, baseline shift +4 pt]
ISSN # Note   [Univers 57 Condensed, 6 pt, 7 pt leading]
URL in Doi URL Note   [Univers 57 Condensed, 6 pt, 7 pt leading]
URL in Suggested Citation/URL Credit Note   [Univers 57 Condensed, 7 pt, 8 pt leading]

Fonts used in the accompanying Map Template file:
Univers 47 Condensed Light
Univers 47 Condensed Light Oblique
Univers 57 Condensed
Univers 57 Condensed Oblique
Univers 67 Condensed Bold
Univers 67 Condensed Bold Oblique
Times New Roman
Times New Roman Bold
Times New Roman Oblique
Arial (*in mean declination arrow; scale, state location map, and unit labels*)
Arial Italic (*dip values*)

EXPLANATION (ALWAYS A FIRST-ORDER HEADING) *EXP Heading 1 (Explanation Title)*

[This is an example of a bracketed headnote that spans more than one line. Note that no period is placed at the end. Note also that, in an explanation, areas are listed first, then line symbols, then point symbols] *EXP Bracketed Headnote - More than 1 Line*

EXAMPLE OF A SECOND-ORDER HEADING IN EXPLANATION *EXP Heading 2*

EXAMPLE OF A THIRD-ORDER HEADING IN EXPLANATION *EXP Heading 3*

A **Name of first map unit listed after a heading (age of unit, if known)** *EXP Unit 1 (first after heading)*
Name of first-rank unit w/out box, after one-line description w/box (age) *EXP Unit 1 w/out box (after 1-line desc w/box)*
Name of second-rank unit, after one-line description w/out box (age) *EXP Unit 2 (after 1-line desc w/out box)*
Name of third-rank unit, after one-line description w/out box (age) *EXP Unit 3 (after 1-line desc w/out box)*
Name of fourth-rank unit, after one-line description w/out box (age) *EXP Unit 4 (after 1-line desc w/out box)*
Name of fifth-rank unit, after one-line description w/out box (age) *EXP Unit 5 (after 1-line desc w/out box)*

B EXAMPLE OF A HEADING (IN THIS CASE, A THIRD-ORDER HEADING) THAT IS TWO OR MORE LINES LONG *EXP Heading 3*

[This is an example of a bracketed headnote that spans one line] *EXP Bracketed Headnote - 1 Line*

C **Name of first unit listed after a heading (age)** *EXP Unit 1 (first after heading)*
D **Name of first-rank unit w/box, after one-line description w/box (age)** *EXP Unit 1 w/box (after 1-line desc w/box)*
E **Name of second-rank unit, after one-line description w/box (age)** *EXP Unit 2 (after 1-line desc w/box)*
F **Name of third-rank unit, after one-line description w/box (age)** *EXP Unit 3 (after 1-line desc w/box)*
G **Name of fourth-rank unit, after one-line description w/box (age)** *EXP Unit 4 (after 1-line desc w/box)*
H **Name of fifth-rank unit, after one-line description w/box (age)** *EXP Unit 5 (after 1-line desc w/box)*

Example of a Fourth-Order Heading in Explanation *EXP Heading 4*

I **Name of first unit listed after a heading (age)** *EXP Unit 1 (first after heading)*
J **Name of first-rank unit w/box, no space between box above (age)** *EXP Unit 1 w/box (no space between box above)*
K **Name of second-rank unit w/box, no space between box above (age)** *EXP Unit 2 w/box (no space between box above)*
L **Name of third-rank unit w/box, no space between box above (age)** *EXP Unit 3 w/box (no space between box above)*
M **Name of fourth-rank unit w/box, no space between box above (age)** *EXP Unit 4 w/box (no space between box above)*
N **Name of fifth-rank unit w/box, no space between box above (age)** *EXP Unit 5 w/box (no space between box above)*

Example of a Fifth-Order Heading in Explanation *EXP Heading 5*

O **Name of first unit listed after a heading, for which unit name and age given are more than one line long (age)** *EXP Unit 1 (first after heading)*
P **Name of first-rank unit, with or w/out box, after description that is more than one line long (age)** *EXP Unit 1 (after desc of 2 or more lines)*
Q **Name of second-rank unit, with or w/out box, after description that is more than one line long (age)** *EXP Unit 2 (after desc of 2 or more lines)*
R **Name of third-rank unit, with or w/out box, after description that is more than one line long (age)** *EXP Unit 3 (after desc of 2 or more lines)*
S **Name of fourth-rank unit, with or w/out box, after description that is more than one line long (age)** *EXP Unit 4 (after desc of 2 or more lines)*
T **Name of fifth-rank unit, with or w/out box, after description that is more than one line long (age)** *EXP Unit 5 (after desc of 2 or more lines)*

Symbol Name Character Style

Marine limit—Example of first symbol listed after end of explanation of map unit areas; always a first-rank symbol *Symbol 1 (first line or point symbol explained after areas)*
Contact—Example of first-rank symbol, after two-line description; extra text added to make description more than one line *Symbol 1 (after desc of 2 or more lines)*
Gradational contact—First-rank symbol, after two-line description *Symbol 1 (after desc of 2 or more lines)*
Faults—First-rank symbol, after one-line description w/symbol. Note that this description describes an entire category of symbols (and not an individual symbol); therefore, no symbol is shown *Symbol 1 (after 1-line desc w/symbol)*
Thrust fault—Second-rank symbol, after two-line description *Symbol 2 (after desc of 2 or more lines)*
Detachment faults—Second-rank symbol, after one-line description w/symbol *Symbol 2 (after 1-line desc w/symbol)*
Detachment fault within core complex—Third-rank symbol, after one-line description w/out symbol *Symbol 3 (after 1-line desc w/out symbol)*
Listric detachment fault—Third-rank symbol, after two-line description *Symbol 3 (after desc of 2 or more lines)*
Master detachment fault—Third-rank symbol, after one-line description w/symbol *Symbol 3 (after 1-line desc w/symbol)*
Strike and dip of bedding—First-rank symbol, after two-line description *Symbol 1 (after desc of 2 or more lines)*
Inclined—Second-rank symbol, after one-line description w/out symbol *Symbol 2 (after 1-line desc w/out symbol)*
Vertical—Second-rank symbol, after one-line description w/symbol *Symbol 2 (after 1-line desc w/symbol)*

recommended column width 4.5"– 5.5" (27–33 picas); minimum 4" (24 picas), maximum 6" (36 picas); use same column width for all columns of explanation and text

Base from U.S. Geological Survey, Palo Alto, 1997
Universal Transverse Mercator projection
Base Credit Note

SCALE 1:24 000
1   1/2   0   1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0   1 KILOMETER

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929 *Vertical Datum Note*

APPROXIMATE MEAN DECLINATION, 2015

CALIF.
MAP LOCATION

Data compiled by E.H. Pampeyan, E.E. Brabb, and G.J. Saucedo, 1982–1986; minor revisions, 1991–1992. Radiocarbon geochronology by L.B.G. Pickthorn from samples collected July 1985
GIS database and digital cartography by Karen L. Wheeler
Edited by Jan L. Zigler; digital cartographic production by Kathryn Nimz
Manuscript approved for publication May 27, 2014
Data/DB/Carto/Edit/Approval Note

Flood-Inundation Maps for San Mateo County, California *Map Title*

By *By*

Earl H. Pampeyan,[1] Earl E. Brabb,[1] and George J. Saucedo[2] *Map Author(s)*

2015 *Map Publication Date*

[1] U.S. Geological Survey;
[2] California Geological Survey
Author Affiliation Footnote

Footnote # in Author List Character Style
Footnote # in Author Affiliation Footnote Character Style