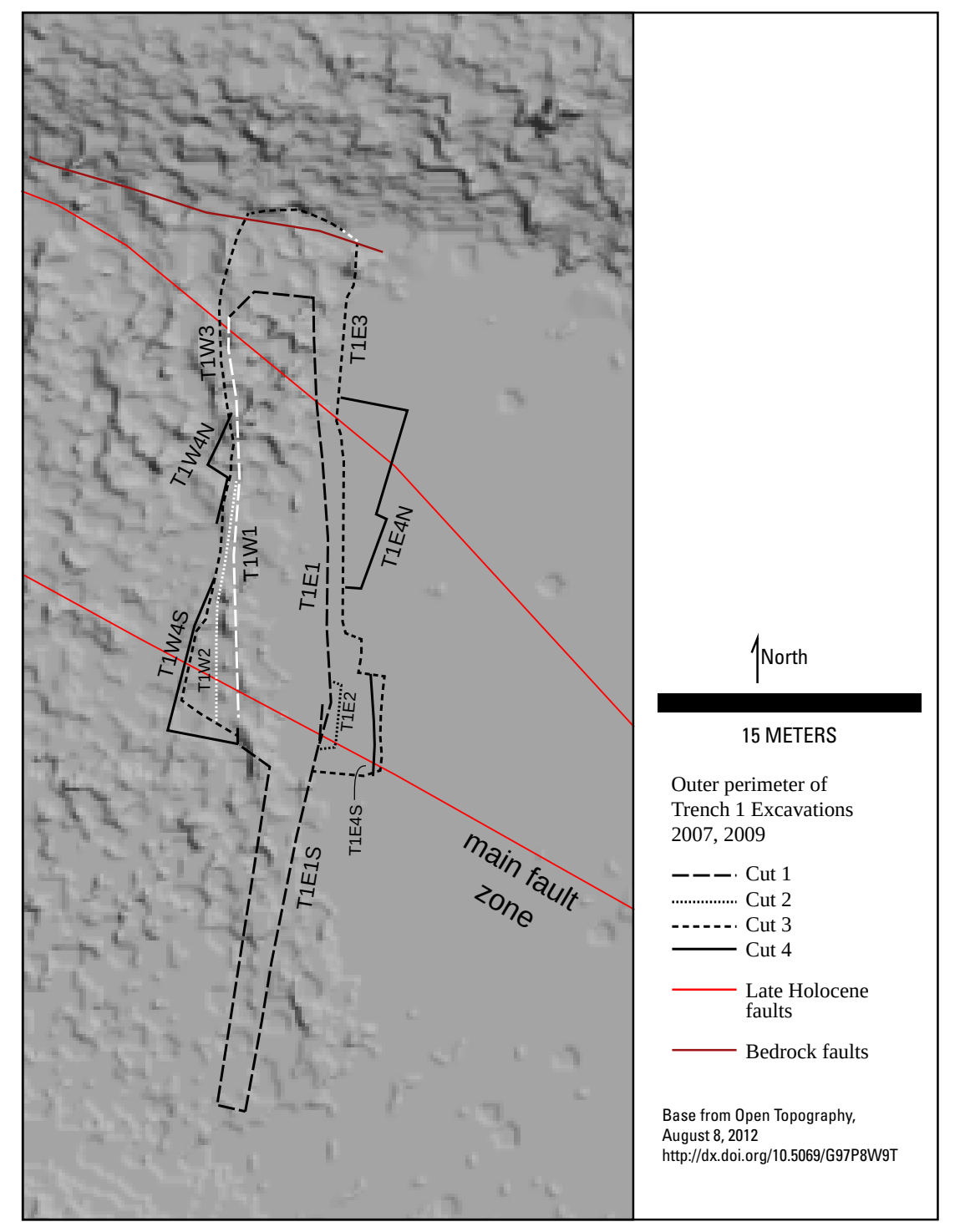
U.S. Department of the Interior
U.S. Geological Survey

Open File Report 2014-1002
Sheet 3 of 4
Pamphlet accompanies map


T1W3
T1W4N
T1W1
T1W4S
T1W2
T1E3
T1E1
T1E4N
T1E2
T1E4S
T1E1S
main fault zone
North
15 METERS
Outer perimeter of Trench 1 Excavations 2007, 2009
Cut 1
Cut 2
Cut 3
Cut 4
Late Holocene faults
Bedrock faults

Base from Open Topography, August 8, 2012
http://dx.doi.org/10.5069/G97P8W9T

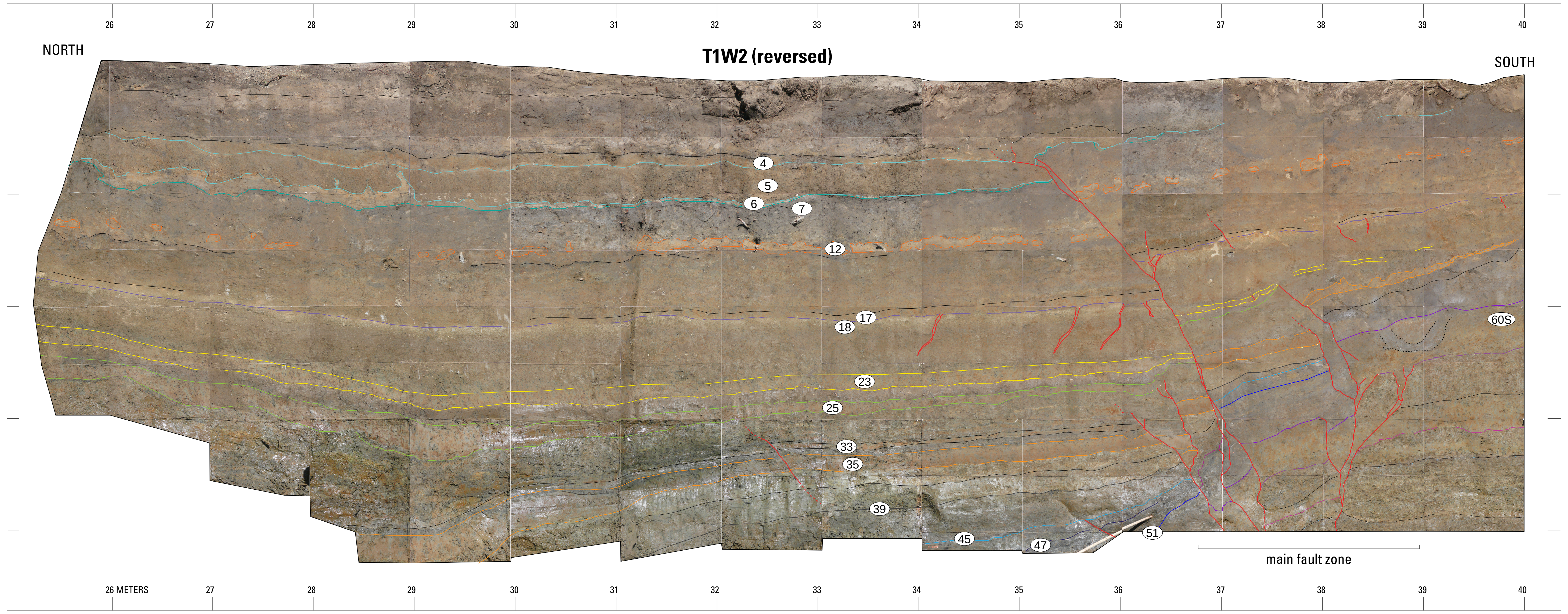
EXPLANATION

Photomosaics and line work for the west wall of trench 1, cuts 1 and 2 (white lines on location map at left). All photomosaics are shown as exposed in sloping trench wall; cuts T1W1 and T1W2 have ~12% vertical exaggeration. Grid provides scale for each wall in meters; horizontal scale is consistent for all exposures.

⑥ **Stratigraphic unit number**

— **Contact**–Key horizons are shown with consistent colors; other units shown in thin black or grey; dashed where contact is diffuse or gradational; dotted lines projected from proximal cut

— **Fault**


T1W2 (reversed)
NORTH
SOUTH
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
4
5
6
7
12
17
18
23
25
33
35
39
45
47
51
60S
main fault zone
26 METERS

T1W1 (reversed)
NORTH
SOUTH
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
5
7
6
12
17
18
27
51
53
23
25
35
3
4
35
23
45
main fault zone
9 METERS

Photomosaics and Event Evidence from the Frazier Mountain Paleoseismic Site, Trench 1, Cuts 1–4, San Andreas Fault, Southern California (2007–2009)

By
Katherine M. Scharer,[1] Tom E. Fumal,[1] Ray J. Weldon, II,[2] and Ashley R. Streig[2]
2014

[1] U.S. Geological Survey
[2] University of Oregon

Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government

This map was printed on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotters and between X and Y directions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and proportions may not be true on plots of this map.

For sale by U.S. Geological Survey, Information Services, Box 25286, Federal Center, Denver, CO 80225, 1–888–ASK–USGS

Digital files available at http://pubs.usgs.gov/of/2014/1002/

Suggested Citation: Scharer, K.M., Fumal, T.E., Weldon, R.J.,and Streig. A.R., 2014, Photomosaics and event evidence from the Frazier Mountain paleoseismic site, Trench 1, Cuts 1–4, San Andreas Fault, Southern California (2007–2009): U.S. Geological Survey Open-File Report, 4 sheets, pamphlet, http://dx.doi.org/10.3133/ofr20141002.

ISSN 2331-1258 (online)
DOI http://dx.doi.org/10.3133/ofr20141002