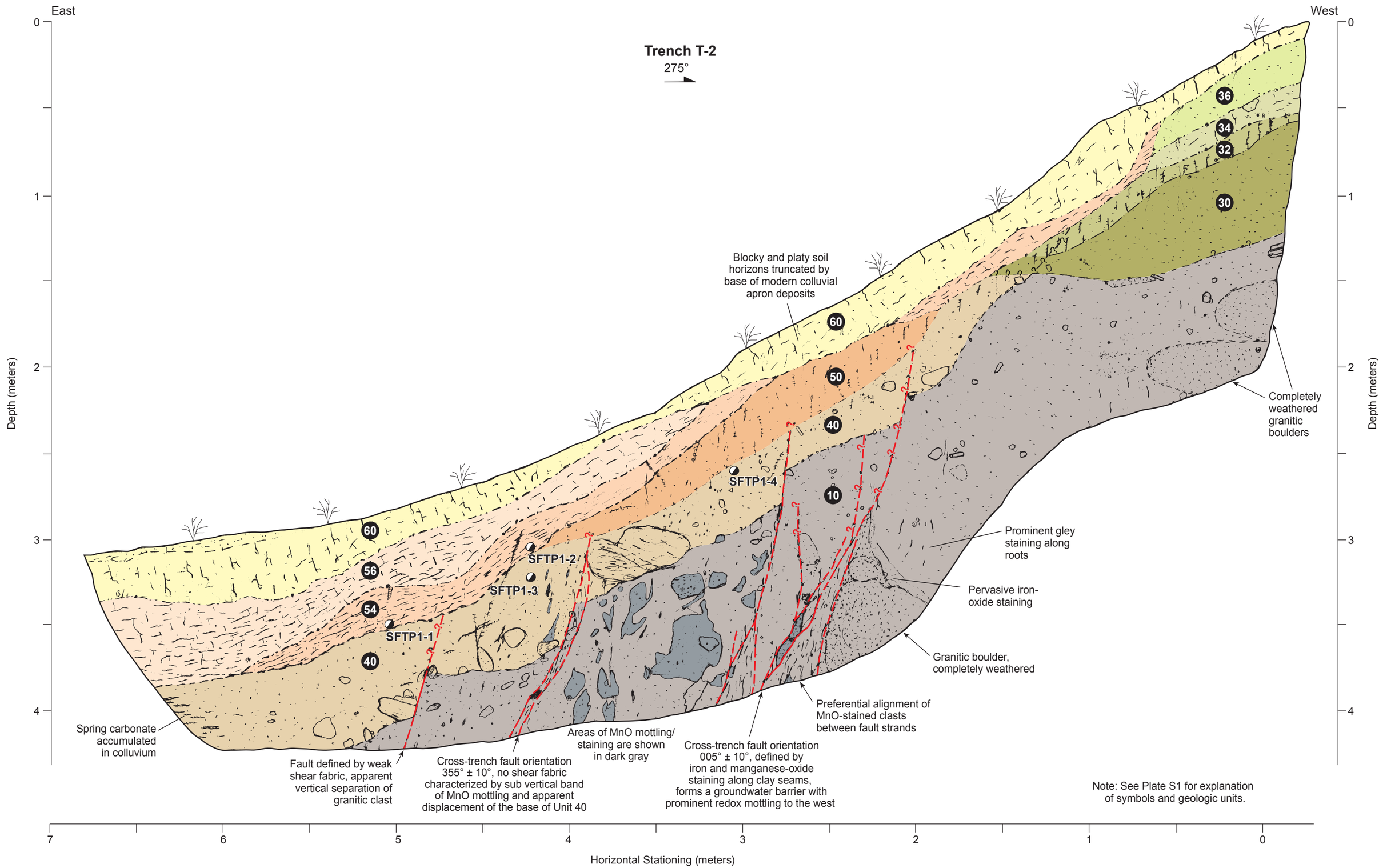
Trench T-2
275°
East
West
Depth (meters)
0
1
2
3
4
36
34
32
30
60
50
40
10
60
56
54
40
SFTP1-1
SFTP1-2
SFTP1-3
SFTP1-4
Blocky and platy soil horizons truncated by base of modern colluvial apron deposits
Completely weathered granitic boulders
Prominent gley staining along roots
Pervasive iron-oxide staining
Granitic boulder, completely weathered
Preferential alignment of MnO-stained clasts between fault strands
Spring carbonate accumulated in colluvium
Fault defined by weak shear fabric, apparent vertical separation of granitic clast
Cross-trench fault orientation 355° ± 10°, no shear fabric characterized by sub vertical band of MnO mottling and apparent displacement of the base of Unit 40
Areas of MnO mottling/ staining are shown in dark gray
Cross-trench fault orientation 005° ± 10°, defined by iron and manganese-oxide staining along clay seams, forms a groundwater barrier with prominent redox mottling to the west
Note: See Plate S1 for explanation of symbols and geologic units.
7
6
5
4
3
2
1
0
Horizontal Stationing (meters)