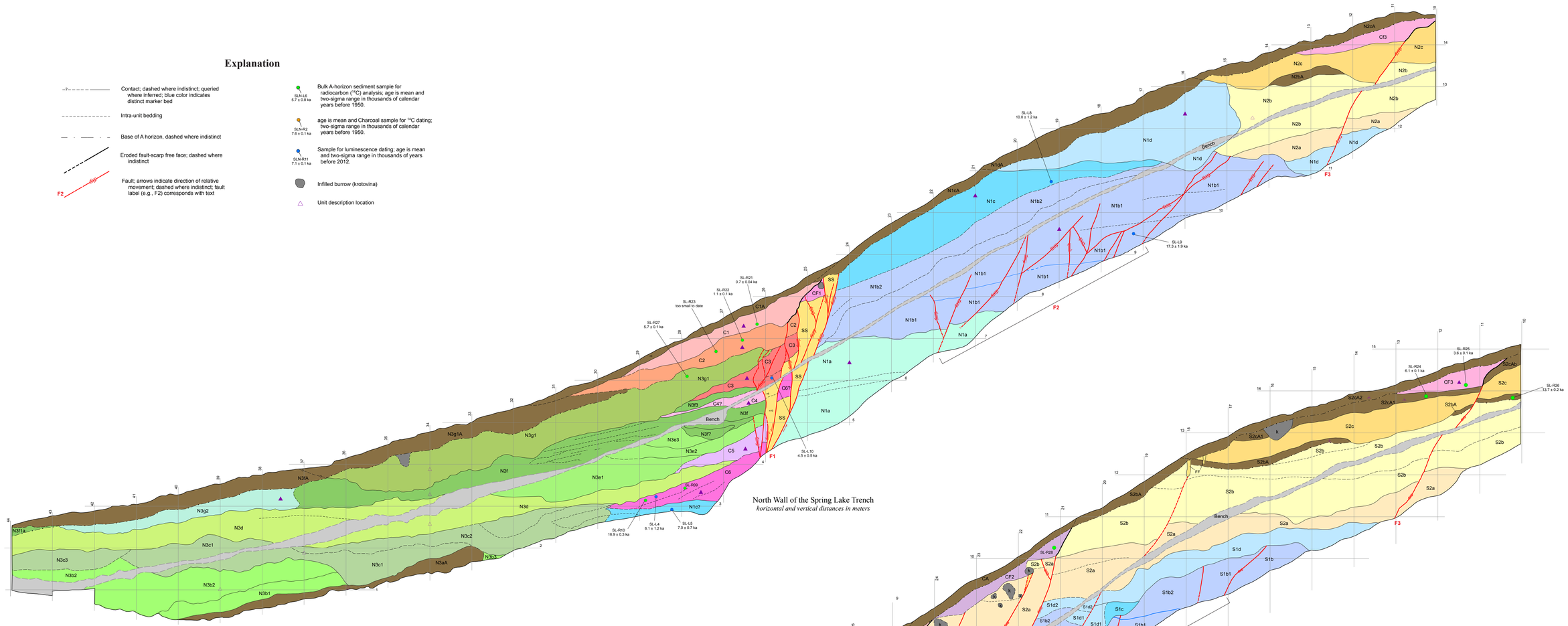
UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

Explanation

- Contact; dashed where indistinct; queried where inferred; blue color indicates distinct marker bed
- Intra-unit bedding
- Base of A horizon, dashed where indistinct
- Eroded fault-scarp free face; dashed where indistinct
- Fault; arrows indicate direction of relative movement; dashed where indistinct; fault label (e.g., F2) corresponds with text
- SLN-L6 5.7 ± 0.8 ka — Bulk A-horizon sediment sample for radiocarbon (^{14}C) analysis; age is mean and two-sigma range in thousands of calendar years before 1950.
- SLN-R2 7.6 ± 0.1 ka — age is mean and Charcoal sample for ^{14}C dating; two-sigma range in thousands of calendar years before 1950.
- SLN-R11 7.1 ± 0.1 ka — Sample for luminescence dating; age is mean and two-sigma range in thousands of years before 2012.
- Infilled burrow (krotovina)
- Unit description location



- A — Soil A horizon (e.g., N3aA, C1A)
- S — Sheared sediment

Lake Bonneville Sediments

- N1a, S1a — Lake Bonneville sand and gravel
- N1b, S1b — Lake Bonneville silt and sand
- N1c, S1c — Post-Bonneville massive sand
- N1c?, S1c? — Post-Bonneville massive sand
- N1d, S1d — Post-Bonneville debris flow

Post-Bonneville Alluvial-Fan Deposits

- N2a-c, S1a-c — Stream and debris-flow deposits (footwall of fault F1)
- N3a-g, S1a-g — Stream and debris-flow deposits (hanging wall of fault F1)

Scarp-Derived Colluvium

- C1 — Scarp colluvium (earthquake SL1)
- C2 — Scarp colluvium (earthquake SL2)
- C3 — Scarp colluvium (earthquake SL3)
- C4 — Scarp colluvium (earthquake SL4)
- C5 — Scarp colluvium (earthquake SL5)
- C6 — Scarp colluvium (earthquake SL6)
- CF1 — Footwall colluvial wedge (fault F1)
- CF2 — Footwall colluvial wedge (fault F1)
- CF3 — Footwall colluvial wedge (fault F3)

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STRATIGRAPHIC AND STRUCTURAL RELATIONS AT THE SPRING LAKE TRENCH SITE