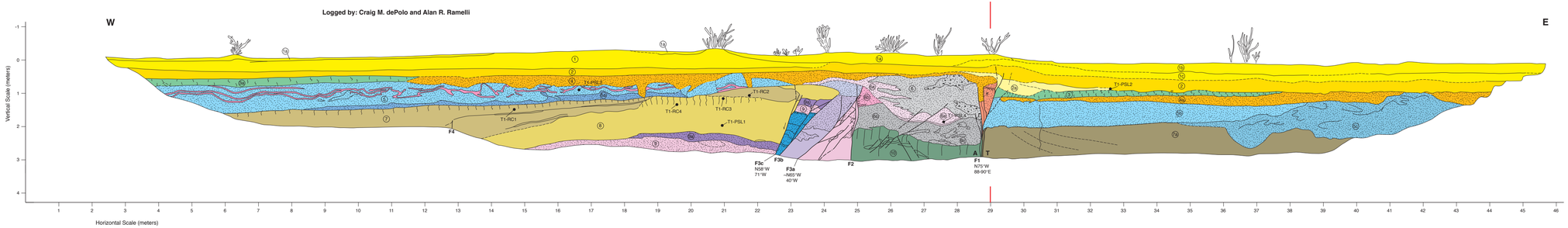
# Warm Springs Valley Fault System
## TRENCH 1 NORTH WALL

**Logged by: Craig M. dePolo and Alan R. Ramelli**




### Key

- Sand
- Pebbly Sand
- Silts and Muds
- Fault
- **A** Side moving away
- **T** Side moving towards you

### Dates

**Radiocarbon Method**

| | |
|---|---|
| T1-RC1 | $^{14}$C cal BP 18–19.1 ka (2 sigma) |
| T1-RC2 | (not submitted) |
| T1-RC3 | $^{14}$C cal BP 13.6–14.8 ka (2 sigma) |
| T1-RC4 | (not submitted) |

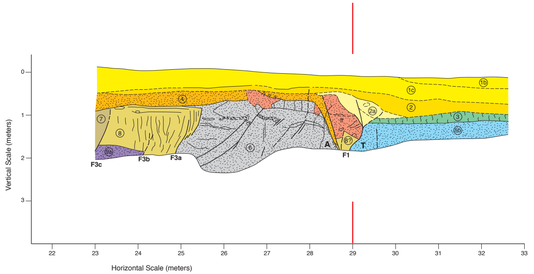
**Luminescence Method (infrared)***

| | |
|---|---|
| T1-PSL1 | 21±2 ka (1 sigma) |
| T1-PSL2 | 160±30 ka (1 sigma) |
| T1-PSL3 | 15.3±2 ka (1 sigma) |
| T1-PSL4 | 162±19 ka (1 sigma) |

* by Dr. Glen Berger, DRI

### Legend

- (1) Holocene very fine sandy silt
- (2) Very fine sandy silt with local diatomaceous layers
- (3) Light gray fine sandy clay
- (4) Massive, poorly sorted silty to coarse sand (Lake Lahontan Deposit)
- (5) Fine to coarse sand with local soft sediment deformation (Lake Lahontan Deposit)
- (6) Poorly sorted pebbly, silty to very coarse sand
- (7) Clayey, very fine sandy silt with prismatic structure along upper contact
- (8) Fine, medium sandy, clayey silt with paleo sol along upper part
- (9) Very fine to coarse sand with small gravel lenses
- (10) Very fine sandy, clayey silt with minor coarse sand
- (11) Fissure fill




# Warm Springs Valley Fault System
## TRENCH 1 SOUTH WALL
## (Trench Width 130 cm)