



Source - Bay Geophysical Associates, Inc. (1999), Figure 20

- Unit Descriptions:**
- POST-PROVO EOLIAN AND PLAYA DEPOSITS
  - BONNEVILLE LACUSTRINE CYCLE DEPOSITS
  - PROVO (P) AND BONNEVILLE (B) DEEP - WATER FACIES
  - POST-STANSBURY TRANSGRESSIVE FACIES OVERLYING STANSBURY REGRESSIVE AND SHORELINE FACIES
  - STANSBURY DEEP - WATER FACIES (C=CHAROPHYTES PRESENT)
  - STANSBURY TRANSGRESSIVE FACIES
  - PRE-BONNEVILLE DEPOSITS
  - PROMONTORY SOIL DEVELOPED ON PRE-BONNEVILLE SUBAERIAL DEPOSITS, REWORKED, EOLIAN SAND RAMP AND ALLUVIUM
  - LITTLE VALLEY LACUSTRINE CYCLE DEPOSITS
  - TERTIARY
  - SALT LAKE GROUP

Location of fault picks (seismic line PFSF-98-A); arrows show relative sense of slip; faults in red displace Op unconformity

- Notes**
- n1 0.7 m (2.3 ft) down-to-the-west vertical separation of the Op unconformity between C-30 and C-18.
  - n2 0.5 m (1.7 ft) down-on-the-west vertical separation of top of sand unit (Stansbury Transgressive Facies).
  - n3 ~0.66 m (2.2 ft) down-on-the-east vertical separation of top of sand unit (Stansbury Transgressive Facies).
  - n4 Contact was not identified in borings C-28 and C-29.
  - n5 Top of clayey silt marker bed.
  - n6 Top of clayey silt with abundant ostracodes.
  - n7 Thin (<2 cm) clay marker bed.
- Location of boreholes, testpits, and trench shown on Plate 1.  
Location of cross section shown Figure 1-3.

CROSS-SECTION D-D' SHOWING STRATIGRAPHY INFERRED FROM BOREHOLE DATA ACROSS SITE  
Private Fuel Storage Facility  
Skull Valley, Utah

GEOMATRIX Project No. 4790 Plate 4

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