



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

Unit Descriptions:

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

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

Notes

- n1 0.7 m (2.3 ft) down-to-the-west vertical separation of the Qp 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.

APERTURE
CARD

9903020117

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

9903020117