



SOILS AND CONCRETE LABORATORY

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### Project Location:

Bluffdale, Utah

### Project Description:

The Wilding Engineering Inc. laboratory is compliant and certified by AASHTO Materials Reference Laboratory (AMRL) certified and Concrete and Cement Reference Laboratory (CCRL) certified. We are certified in both American Society for Testing and Materials (ASTM) and American Association of State Highway and Transportation (AASHTO) standards to test soils, concrete, and concrete aggregates. Our laboratory is equipped to perform numerous geotechnical and construction materials laboratory testing but not limited to what is listed. Our geotechnical testing includes:

- Soil classification (sieve analysis and atterberg limits)
- Unconfined compression
- Consolidation
- Swell and collapse potential
- Direct shear testing
- California Bearing Ratio (CBR)
- Specific gravity (coarse and fine aggregate)
- Permeability
- Insitu density determination

Construction materials laboratory services include:

- Soil classification (sieve analysis and atterberg limits)
- Proctors
- Proper storage and curing of concrete specimens
- Compressive strength testing of cylindrical concrete specimens
- Density determination of asphaltic concrete cores