

Projects



Jenkins Arboretum



Penn State Arboretum



Rockview Prison

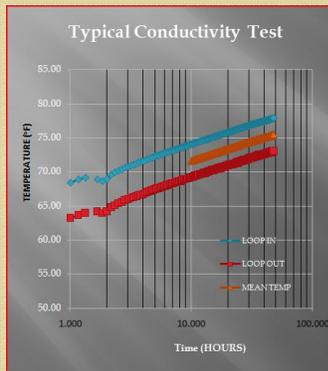


Lebanon Valley High School

FORMATION THERMAL CONDUCTIVITY TESTING

When there are large costs associated with the installation of a geothermal well field, why guess on the design criteria when you can know for sure.

Closed loop geothermal systems may use tens to hundreds of well loops, costing a considerable amount of money to install. Many projects will use a 'rule of thumb' when sizing well fields. Our licensed professionals can assist in optimizing the design costs of a new Geothermal system by completing a Formation Thermal Conductivity Test (FCT). Site specific information obtained from an FCT helps improve efficiency of a potentially undersized system (not enough wells proposed), reduces cost in the well field design (too many wells proposed), and provides valuable foresight into potential drilling considerations.



Formation conductivity can have a relatively wide range, even within similar rock formations. Not testing could cost you by over sizing or under sizing your system.

TGS utilizes their own equipment and up to date analysis to evaluate your site. Don't leave the success of your geothermal project to someone's best guess. Find out how we can help you have a more cost effective and energy friendly source of heating and cooling.

Taylor GeoServices (TGS) provides the project team with the tools to effectively design and install a geothermal exchange system; from the education process and feasibility evaluation, to conductivity testing, site-specific optimization and design.

- Geothermal Education
- Planning Considerations
- Feasibility Studies
- Formation Testing
- FCT Equipment Rental
- FCT Box for Purchase
- Test Data Analysis
- Pilot Testing
- Closed Loop Systems
- Open Loop Systems
- Community Systems
- Standing Column Systems
- Well Sighting & Design
- Well Logging
- Drilling Specifications
- Installation Oversight

Taylor GeoServices (TGS) is an earth and water resources consulting company providing expertise in the fields of Geology, Hydrogeology, Water Supply, Environmental Services, Watershed Management, and Renewable Energies.