



DRILLING

## BOREHOLE SERVICES

In every case, Layne provides specially tailored, cost-effective analyses to ensure successful drilling programs and optimal, long-term performance of the completed system.

Regardless of a well system's end use -- municipal, industrial, oil and gas, mining, etc. -- successful construction and optimal performance both trace back to a critical early step in the drilling process: borehole analysis.

Combining standard techniques with the latest advancements in downhole analysis, Layne's expert team has developed new, proven methods of geophysical and hydrophysical logging capabilities that are unmatched anywhere else in the industry. As a result, clients receive accurate, thorough and reliable data sets that are not typically available by other means.

An integral component of drilling programs, borehole surveying utilizes proven methods as well as specialized equipment and technology. Layne's impressive arsenal of precision technology includes surface-recording and north-seeking gyros, reflex gyros and an array of magnetic instrumentation.

Survey data is presented via the web, hard disk or print, depending on the drill project's requirements. Most drill programs require the collection of survey data throughout the exploration process.

### METHODS

- + Acoustic measurements
- + Electric and magnetic measurements
- + Nuclear measurements
- + Fluid measurements
- + Auxiliary measurement