The Well Sample and Core Library is the only facility of its kind in Kentucky.

Preservation, accessibility, and utilization of samples and cores are the major objectives of the KGS Well Sample and Core Library. Data and materials stored at the facility from over 25,000 locations across Kentucky are important for the discovery and exploration of energy sources and minerals, research for a cleaner environment, and an improved understanding of Kentucky’s geologic history.

Preserving geoscience data and making them available has many benefits. There is a constant need to reexamine samples as new geologic and engineering concepts evolve and as new technology and methods of examination and interpretations emerge. Field work, data acquisition, and research can be costly, time consuming, and dangerous. The library makes available historical data, literature, previously analyzed sample data, geophysical logs, core data, geochemical analyses, and samples. The database of samples and cores can be accessed at the library’s page on the KGS Web site.

**ACTIVITIES SUMMARY**
for FISCAL YEAR 2008-09

- Over 650 telephone requests for information were received.
- More than 1,540 researchers, geologists, consultants, students, academics, operators, and the public visited the facility for a total of 2,583 visits.
- More than 285,000 feet of core and well cuttings were examined.
- Approximately 700,000 feet of core from 252 wells was added to the collection.

The KGS Well Sample and Core Library remains the only such facility in Kentucky. Its samples and cores are of great value for training at all levels of education, and continued training of working professionals. The data provide opportunities for research, exploration, development, reports, theses and dissertations for graduate students, class projects, and lab exercises while training and educating new generations of professionals who will need such data.

It is hoped that discoveries resulting from use of this material and data will lead to economic prosperity and energy independence, resulting in greater national security, a cleaner environment, and clean and efficient energy.

- Academic researchers, exploration companies, and others regularly visit the Well Sample and Core Library to gather information from the stacks of cuttings and cores.