## GRL-PDI Newsletter

The September 2002 Newsletter from **GRL Engineers Inc.** and **Pile Dynamics Inc.** announced the 30th Anniversary of Pile Dynamics, originally founded in August 1972. PDI's quality assurance products and methods, focused on the deep foundations industry, are now used all over the world. We congratulate PDI on their achievements over the past 30 years.

The issue contains an interesting article on Crosshole Sonic Logging, a method being increasingly used for quality assurance on drilled shafts. A case history is included, where CSL logging of all drilled shafts on a project revealed a few instances of segregated concrete in the middle of shafts and of a "soft toe" on another shaft. CSL tests repeated after remedial grouting confirmed that the shafts were adequately repaired.

The newsletter contains other news of interest to those involved in Foundation Testing and Quality Assurance. Contact Information is: website: www.pile.com - e-mail: info@pile.com - phone: 216-831-6131 - fax: 216-831-0916.

"He that would perfect his work must first sharpen his tools."

Confucius