



Bedrock Data Collection Methods A backward look to a “downhole” problem!

Presented by Bill Morrow, CWD, PG

Many drilling companies make holes in the ground. Examples might be drilling a blast hole at a quarry or drilling a new 200’ bedrock water supply well. For this type of drilling – all you need is a drill rig and a competent operator. And also a pocket full of money! The problem is that most geologists or engineers don’t want a hole – they want data!

In order to run an effective field program – you first need to identify the goals of your program and then your data requirements. Once these tasks are accomplished, this information along with the local geology, should be conveyed to a drilling contractor. The contractor should then use this information to determine the best method of

drilling and data collection. This usually involves several iterations between the consultant and the drilling contractor until the best approach is identified – one that will collect quality data and give value to your client.

This approach of looking at the end product first is counterintuitive – normally we pick the rig type/drilling method and then “force” our sampling plans to match. The end result is less value for your clients and poor data for you to analyze!

Bill Morrow is a Vice President with Parratt-Wolff and 15-year veteran of environmental drilling projects. Parratt-Wolff is one of the East Coast’s largest contract drilling companies, with offices in Syracuse, NY and Raleigh, NC.

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Meeting logistics: The meeting will take place on Thursday, January 18th at the Ramada Inn, located Buckley Road in Syracuse, New York. A social hour will be held from 5:30 p.m. to 6:30 p.m. and will be followed by a buffet dinner starting at 6:30 p.m. The main presentation by Mr. Morrow will begin at about 7:30 p.m.

The cost of dinner is \$20 for members, \$22 for non-members and \$15 for student members. CNYAPG will sponsor the cost for dinner for the first five students who register for this meeting. People may also attend the presentation only for a nominal fee of \$3. Please RSVP by Monday, January 15, 2007 to Bonnie at Parratt-Wolff via e-mail at bolney@pwinc.com or (315) 437-1429.

