



NEWS RELEASE

Geothermal Case Studies Show Sonic Drilling Benefits

August, 2011 – The numbers say it all. Award-winning sonic drill rigs, patented and built by the Sonic Drill Corporation, have worked efficiently and profitably on thousands of drilling projects around the world.

Today, sonic drilling technology is robust, reliable and profitable and, across the planet, it is quickly becoming the drilling method of choice. For operators, who already own a sonic drill rig, the advantages are self-evident but, for others, the remarkable capabilities of this technology are just becoming known.

While there are unlimited uses for this technology, the sonic drill rig offers stunning performance in geothermal, environmental and mining applications. To help illustrate sonic drilling advantages (by comparison), the Sonic Drill Corporation prepared three examples of real-life projects that showcase the technology's success in the drilling industry.



Case #1 – Community College Extension

A geothermal installation at Langara community college in Vancouver, Canada, became the setting for a duel between old and new technology. After encountering extreme soil conditions, a sonic drill rig was brought in as the “rescue rig” for the project. The numbers explain why.

Conventional Rig	Sonic Drill Rig
Three rigs on site	One rig on site
Two months drilling	Two weeks drilling
18 holes installed	23 holes installed
10 days per hole	1-2 holes per day

Case #2 – University Extension

A conventional drill failed at drilling a test hole for a geothermal feasibility study at the University of British Columbia. A sonic rig was brought in and completed the hole in two hours and 13 minutes, despite drilling through tough overburden conditions.

Conventional Rig	Sonic Drill Rig
Failed	One rig on site
	300 ft. hole
	Two hours+

Case #3 – Elementary School Construction

Conventional rigs working on an extensive geothermal field, under a new elementary school soccer field, failed due to delays in drilling through overburden. The sonic rig was able to complete the project on time – a critical issue for the client solved.

Conventional Rig	Sonic Drill Rig
Too slow	Two rigs on site
	120 holes
	Six times faster