



Case Study: MATEX – Sand-Drill

Radius Drilling

Project name: Huckleberry Mine
Emplacement: BC, Canada

Latitude: 51.1
Longitude: - 123.4

Drilling conditions: very fractured ground
Rock hardness: medium hardness and abrasive

Challenge

In BC, Canada, a Radius Drilling team is having problems with tricky ground conditions at the Huckleberry Mine. Working in proximity of the open mine, they must complete a 400m hole where blasting operations have shattered the rock into a very challenging broken ground.

Chuck Blunt, owner of Radius Drilling, knows that using the right drilling additive could help them achieve hole completion, but so far, he is not satisfied with the product performance he is currently using. He constantly receives phone calls from his team complaining about the conditions and how the additives are not helping them getting more core into the trays.

Initial product used	powdered polymer
Average performance	below expectations

Solution

Chuck has used Matex drilling additives in the past and is willing to give them a try at the Huckleberry Mine. He contacts Ralph Gardewine, Manager at Fordia Vancouver, and gets some Sand-Drill sent to his team.

Sand-Drill is a Matex product used to optimize core recovery whenever drilling in sand, but which also proves very efficient to help collaring the hole in really broken ground conditions.

Results

In no time, Chuck knows the product is making a huge difference - he simply stops receiving phone calls. His team would not go back to any other additive as they are finally getting some meterage done and core in the box.

Sand-Drill is now a must-have product for Chuck's team, providing efficient stabilization in the most difficult sand conditions.

Furthermore, Chuck is confident that he will increase his productivity and profits by effectively stopping shifting sands from collapsing into the bore hole.

New product used	Sand-Drill
Average performance	no more interruptions due to insufficient hole collaring

“Thanks to Matex and Fordia for coming up with a new product that is successful in helping drill ground in BC where other products were not”.

Chuck Blunt
President,
Radius Drilling