

# RPS™ Delivers Staggering ROP Improvement

## 10-5/8" (270 mm) RPS85, Copper, Southwest USA

**PERFORMANCE:** A SW USA open pit, copper mine has been running Varel RPS tools for two years. After seeing significant ROP improvements in 2015, including a 93% faster section against a single rotary competitor, this mine now exclusively utilizes the Rotary Percussion System. Most recently, the mine has reported 20% ROP gains in their hardest ground with no loss of bit life. Tool life has reached as high as 90,000 ft (27,432 m) while requiring only two services and no tool failures.

**TECHNOLOGY:** The patented RPS percussion tool combines the synergies of both rotary and percussion drilling. Paired with Varel's RP bit design, the RPS allows you to drill a broader variety of rock with ease and smooth your drill operations, resulting in ROP gains and higher efficiencies at the drill site. The No-Oil Technology brings additional advantage. With no environmental restrictions, no expensive oilers to install, and no oil in cutting samples, the RPS tool is the fastest, most efficient blasthole drilling tool on the market.



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