

RPS™ Delivers 27% Greater ROP

7-7/8" RPS62, Gold Mine, CIS

PERFORMANCE: This gold mine utilized both standard rotary techniques and Varel's RPS tool when drilling various 7-7/8" blastholes. Combined with Varel's RP Bit Series, the RPS tool provided this customer with an average 27% ROP improvement over the standard rotary system.

TECHNOLOGY: Varel's patented RPS percussion tools combine the synergies of both rotary and percussion drilling. Percussion blows combine with rotational forces to deliver impacts similar to chipping or chiseling. These blows are applied 16-30 times a second to smooth out torque resulting in less vibration, straighter bore holes, improved rock fragmentation, and increased ROP.

