

### Voikovskaya / Grazhdanskaya Cable Tunnel, Moscow, Russia - Breakthrough



## CONGRATULATIONS !

Contractor Mostovik has announced the LOVAT RME152SE Series 21000 has broken through on the first phase of the Moscow Cable Tunnel, located between the Voikovskaya and Grazhdanskaya Electric Power Stations in Russia.

The 3.9 meter diameter Mixed Face, Earth Pressure Balance TBM averaged 12 to 14 meters of excavation per day while boring the 1,129 m long tunnel. The entire tunnel alignment is located under the groundwater table, with groundwater levels above the tunnel invert varying from 6 to 14 meters.

Geological conditions encountered consisted of sedimentary deposits, with most of the tunnel alignment characterized by fine sand. Other ground types along the alignment included medium-size sand, grained sand and loam.

