

# **Preston Tunnels & Rising Main (UK)**

Jet-grouting

**Reference sheet** 

# **CLIENT:**

KMI Water (Bachy – Soletanche Ltd.)

# **REALIZATION PERIOD:**

2011

#### **PRICE:**

9 mil. CZK

# **VOLUMES:**

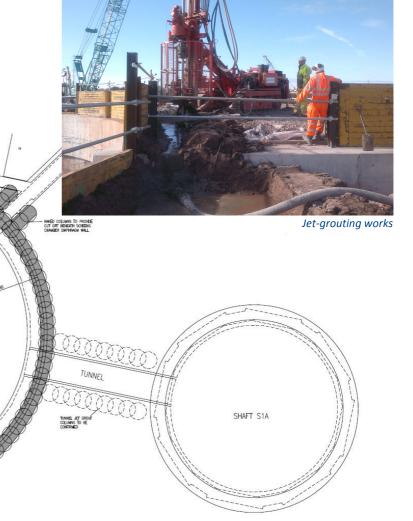
Double jet-grouting ... .... 2 001 m (diam. 1,7-2,2 m, 177 columns) Total drilling ......5 093 m



View of shafts S1 and S1A

# **DESCRIPTION:**

During groundwater lowering and local excavation within shafts S1 and S1A, difficulties were encountered with unstable material entering the excavation below the toe of diaphragm walls. As an integrated remedial solution to seal toe of diaphragm wall were propose columns jetgrouting. Max. depth 31 m.



TPS SHAFT S1