



Status report Perm

Drilling began in early September on the freeze holes and temperature measurement holes for the new production shaft at Palascherski mine. This involved sinking conductor-pipes to a depth of about 30 m.



Figure 1: The road to the new potash shafts

All the drilling machinery required for the freeze hole operation was brought in and set up at the same time. The two RB 50 rotary drilling rigs are scheduled to start work in mid-October 2010 with the remit to drill a total of 90 freeze holes to a depth of some 270 m for the two mine shafts. Thyssen Schachtbau GmbH expects the drilling work for the new potash shafts to be completed by the summer of 2011 and will be deploying a workforce of some 50 men in the Perm region for this purpose. As well as specialists brought in from Germany the drilling team will comprise locally



recruited Russian personnel who also worked on Thyssen Schachtbau's previous drilling project in Kotelnikovo.



Figure 2: 16.08.2010: constructing the drilling base for the skip shaft



Figure 3: 17.08.2010: completion of the drilling base

On 17.08.2010 the Russian shaft sinking crew held their traditional celebration, which they call 'handing the shaft over to nature'. The Thyssen Schachtbau designed drilling base was then officially dedicated in a ground-breaking ceremony.

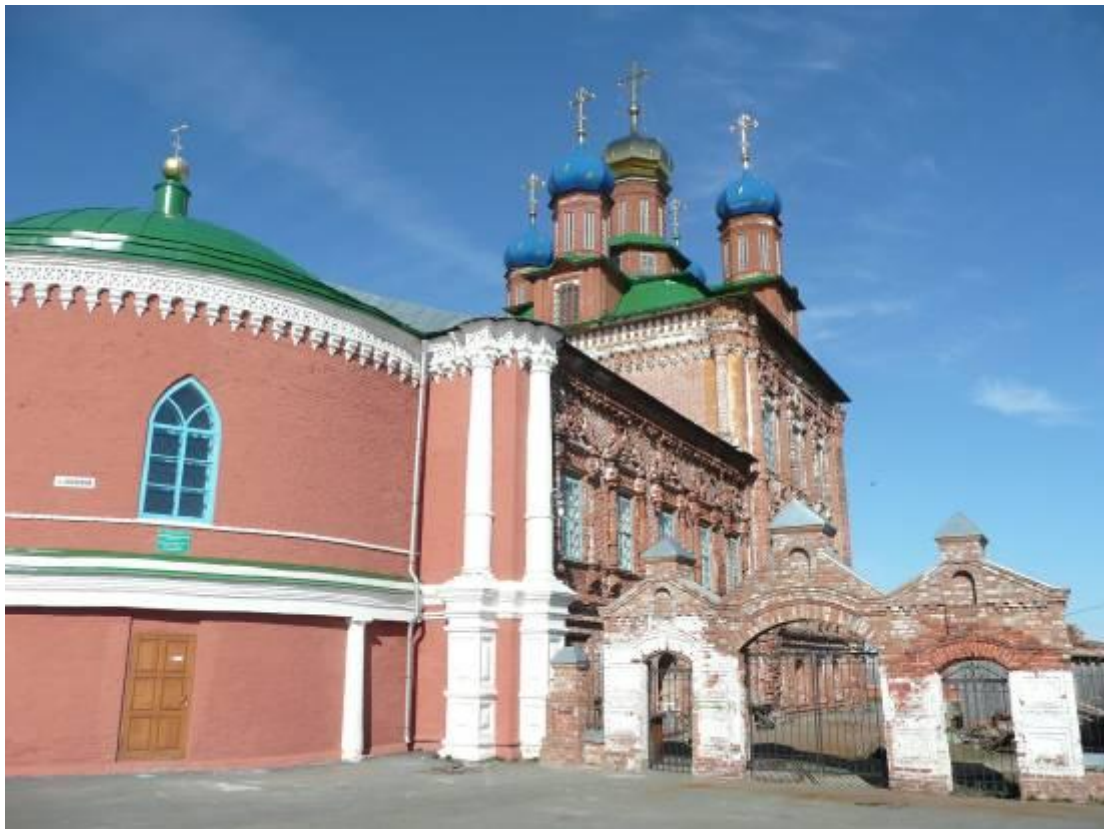


Figure 4: The former family residence of the salt industrialists the Stroganovs, the Christ's Transfiguration Cathedral in the picturesque town of Usolye on the right bank of the river Kama was built in the period 1724 – 1727



Figure 5: Lenin street in Berezniki.



Figure 6: Traditional style houses in the Urals

22.09.2010, Mülheim an der Ruhr

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