

## Complete realization of primary circuit for heat pumps Design . Dimensioning . TRT testing . Supervision . Realization

Realizations a year	100 – 120 constructions
Number of boreholes for heat pump a year	cca 250 boreholes
Drilling metres a year	cca 30.000 metres

### Primary circuits for heat pumps – some of our examples of designs and realizations:

#### ČSOB Bank – Praha 6, complete realization

Number of boreholes: 179 x 150m

Total metres: 26,85km

Works: drilling 179x150m exploration boreholes 2x150m, 2xTRT test, hydrogeological report, horizontal distribution system



#### Office Palace Národní - Praha

Number of boreholes: 24 x 120m

Total metres: 2,9km, 2 drilling machines

Works: drilling, 2xTRT test, management horizontal distribution system, thermal measurement , optimalization



#### Castle Loděnice -Religion building

Number of boreholes: 24 x 130m

Total metres: 3,1km, 2 drilling machines

Works: design, drilling, 2xTRT test, management horizontal distribution systém, grand work



#### Bořislavka office building complex – Praha 6, design

Number of planed boreholes: 109 x 145m

Total metres: 15,8km

Works: design, drilling 2x150m exploration boreholes, 2xTRT test, design of boreholes and horizontal distribution system



#### School complex - SOU a SOŠ Hněvkovice

Number of boreholes: 53 x 120-150m

Total metres: 7,6km, 3 drilling machines

Works: design, drilling, 3xTRT test, management



**We use professional software, top drilling equipments and high quality certificated materials - geothermal probes, shafts, injection materials, well-pipe systems, etc...**

**[www.sggeosan.cz](http://www.sggeosan.cz)**