

## AA exercise II

### The project:

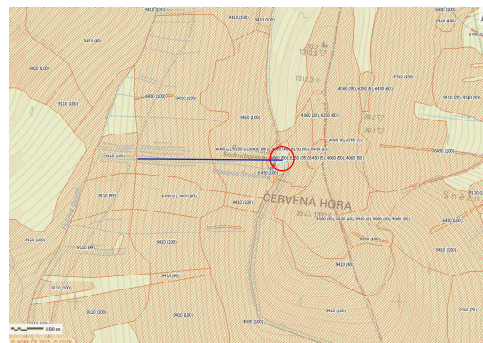
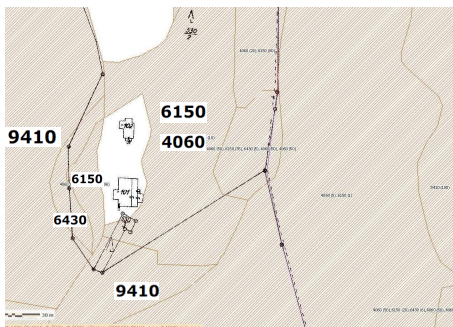
Re-erection of the old mountain lodge and pilgrimage chapel of St. Maria Magdalena next to miraculous healing spring “Heathland Spring”, Jeseníky Mts., Czech Republic



### History:

- Spring known since 14<sup>th</sup> century; the first chapel built around 1650, burned out several times, demolished after 1946
- First lodge 1820 (10 beds), gradually expanded up to 45 beds from 1914
- All-year round operation from 1933; closed 1981, turned down 1988

### Project's parameters:



- New lodge: managers' apartment 2+1, 12 beds in the lodge, 50 dining places
- Maximum consumption of water (= maximum production of liquid waste) 5 m<sup>3</sup>/day; clearing plant part of the lodge, the purified water discharge via a pipeline 500 m long through the forest into the brook
- No power line (photovoltaic panels only); gas container (supplying 3 times a year, one tank truck with gas 7.5 tons via existing access road.
- Food supplying and solid waste removal: once a day a pick-up up to 3.5 tons, a snow cat during winter period; entry of other cars strongly prohibited

**The site: SCI CZ0714075 Keprník**

Area: 2,543 ha

Altitude: 613 - 1423 m a.s.l.

Region: Continental

Target features:

Habitat types		Area (ha)	Proportion (%)
<b>4060</b>	Alpine and Boreal heaths	21.8631	0.85
<b>6150</b>	Siliceous alpine and boreal grasslands	10.2614	0.40
<b>6430</b>	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	26.2633	1.03
<b>7110</b>	<b>Active raised bogs</b>	3.8451	0.15
<b>8220</b>	Siliceous rocky slopes with chasmophytic vegetation	25.5921	1.00
<b>9110</b>	<i>Luzulo-Fagetum</i> beech forests	326.2396	12.82
<b>91D0</b>	* Bog woodland	76.4676	3.00
<b>9410</b>	Acidophilous <i>Picea</i> forests of the montane to alpine levels ( <i>Vaccinio-Piceetea</i> )	1416.0121	55.68
Species		Population	
	Lynx ( <i>Lynx lynx</i> )	3 – 5 males	