

Country	MIKAS springs	Coordinates / Nearby City	Spring discharge (Q in l/s,min/av/max) / tapped or not	Criteria* in order / Main justification */ H-historic, A-aesthetic, S-scientific, E-Economic, Ec-ecologic	Data collected by
Latvia	1. Bārbeles sulfur spring	N 56° 25' 52.86" E 24° 35' 42.84" Z = 32.5 m asl Bārbele	7/-/30 Not tapped	<i>H, S, Ec, A, E</i> <i>Permanent, ascending, sulfuric spring drains gypsum and marly rocks of Upper Devonian age. The first balneological resort in Latvia – the resort was built at the beginning of 18th century. In written papers from 1739 Bārbeles sulfuric spring is described as fountain spring and was actively used up to 1920-ies. However, the resort was destroyed during the Second World War and has not been repaired. The spring is rich in sulphates and release hydrogen sulphide gas due to gypsum sediments in the source aquifer and nearby peat bogs. This is national Geological and Geomorphological Natural Monument.</i>	Janis Bikše

MIKAS - Bārbeles sulfur spring



Bārbeles spring (September 2021; Photo by Jānis Bikše)



Bārbeles spring (June 2020; Photo by Jānis Bikše)



Bārbeles spring, downstream view (January 2024; Photo by Jānis Bikše)