

The modal composition of the rock (sample SGR-2003-4, point counting, 1000 points) is:

plagioclase	58.8 %
pyroxene	14.1 %
olivine	13.8 %
opaque minerals	6.2 %
biotite	4.5 %
sericite and saussurite	1.7 %
chlorite and serpentine	0.9 %

On the basis of the mineral composition and ophitic texture the rock is olivine diabase. This rock type has very high density and firm ophitic texture. No harmful minerals were obtained. The conclusion of this study is, that this rock type is very suitable to be used as sauna stones.

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Hannu Kujala

Research assistant
Bedrock and Mineral resources
Espoo Unit
Geological Survey of Finland