The Tyrrhenian margin of central Italy is an area characterized by crustal thinning (<25 km) and a high heat flow (>300 mW/m²). This study evaluated the geothermal potential of CM., with the aim to produce a temperature map for a reference depth of 1000 m b.s.l., identifying the geothermal area of CM. The geothermal liquid in the reservoir, the thermal energy capacity of 48.4 TWh/year, and a thermal output of 10.1 TWh/year.