

Mineral Site Passport

Tërstenik

Commodity:

Iron and Nickel

Map Sheet:

K 34 - 54

Ownership:

Government

Status of Project:

Formerly in production but closed today.

Infrastructure:

Paved road, power lines are not far away.

Regional Geology:

The deposit is located at the boarder of the Vardar and Drenica tectonic units. This region is characterized by ophiolitic formations (Jurassic) with Mesozoic cover rocks.

Mineralization / Type of Deposit:

Deposits of lateritic weathering crusts containing Ni-hydrosilicates.

Extension of Mineral Occurrence:

The surface of this area covers more than 4 km². According to earlier exploration data, the ore bodies are present in the form of three lenses. The lense thickness ranges from 3.0 m to 13.5 m.

Resources:

The iron ore at Terstenik has an average grade of about 40 % Fe and is rich in nickel (about 1%) and chromium (about 3.5 %). The Ni resources are 30,000 tons, Cr resources 105,000 tons. The total drilled Fe resources amount to 1.2 Mio. tons.

Past Production:

Unknown.

Mining Method:

Open pit mine possible.

General Evaluation:

According to initial studies this area needs further exploration.



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Additional Graphics:

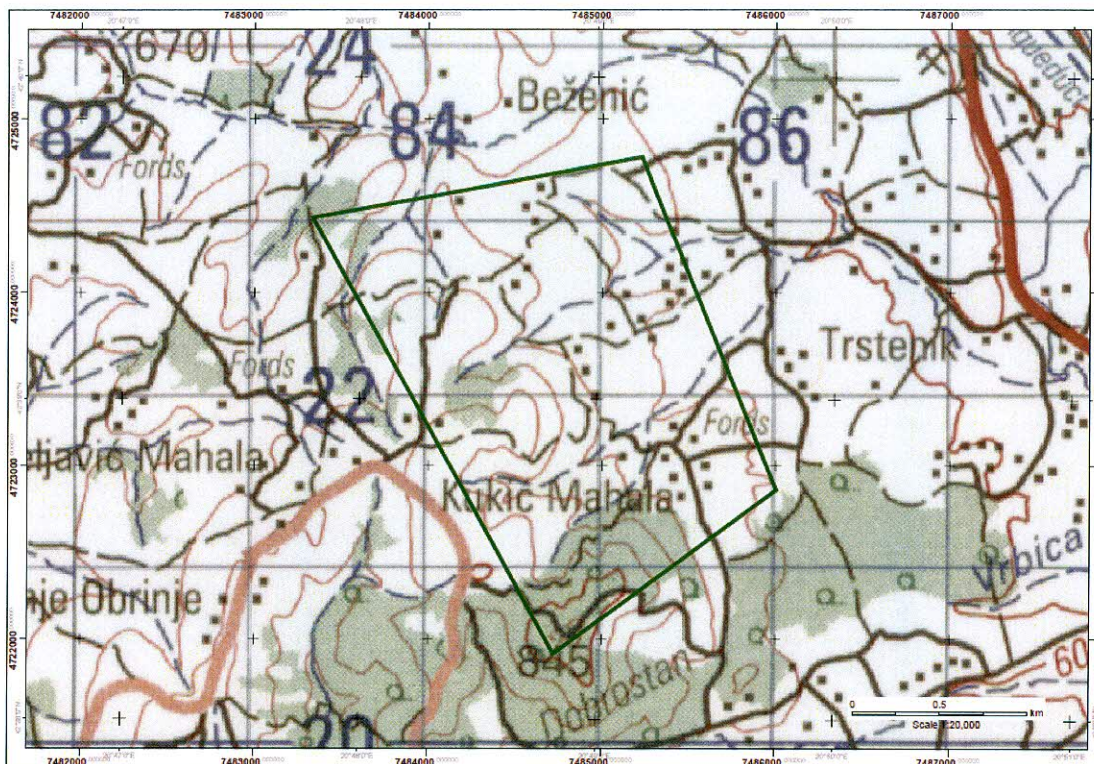


Fig. 1: Topographical Map with the Zone of Interest “Terstenik”.

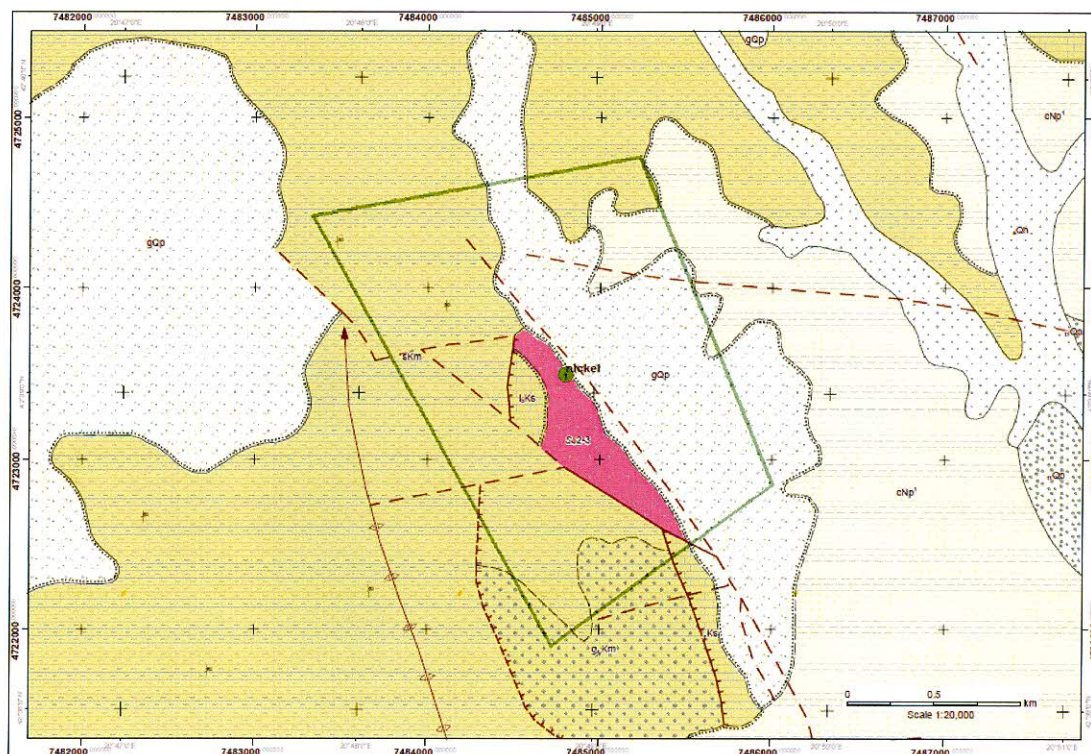


Fig. 2: Geological Map of Terstenik area.

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