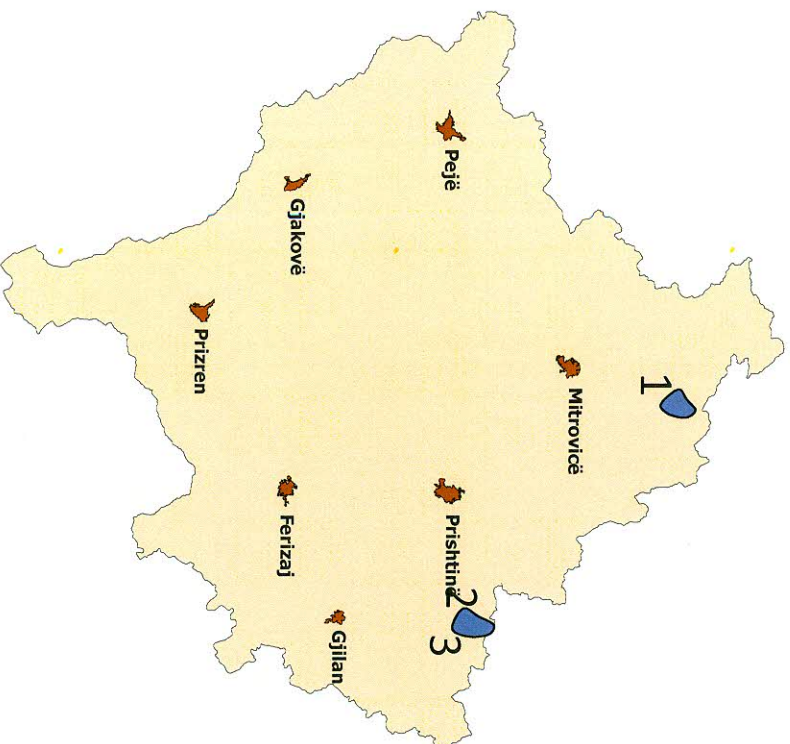


Manganese

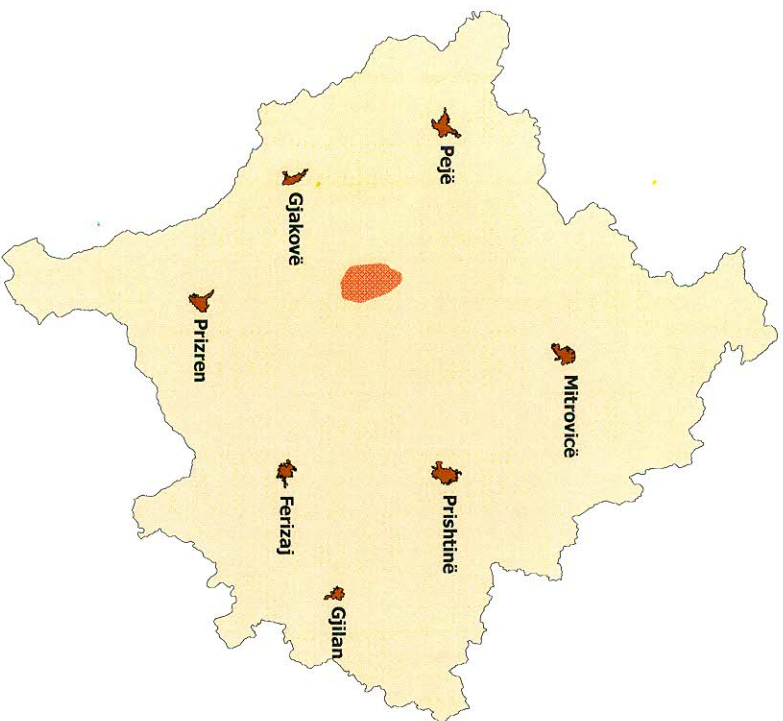
➤ Manganese occurs together with lead and zinc mineralization at:

1. NW of Vllahi
2. Artanë
3. Bolevc



Bauxite

- The most important bauxite deposit is situated at Gremnik mountain, Klina Municipality



Mineral Site Passport

Grebnik

Commodity:

Bauxite

Map Sheet:

K 34 - 54 A

Ownership:

Government

Status of Project:

Former production

Infrastructure:

The project possesses a satisfactory infrastructure.

Regional Geology:

The deposits are situated in the northern part of the Rahovec ultramafic rock complex, which is characterized by Jurassic serpentinites and basic to ultrabasic intrusives with overlying platform carbonates and flysch of Upper Cretaceous age. Stratigraphically, the ore occurs between Lower Turonian and Maastrichtian platform limestones.

Mineralization / Type of Deposit:

The diasporic bauxite ore stems from ultrabasic rocks, which underwent lateritic weathering during the sedimentation hiatus in the Upper Cretaceous. The lateritic crusts were then reworked and transported to the karstic areas. Thus the footwall of the bauxite deposits is represented by a palaeo-karst surface of irregular shape, while the hanging wall is flat. The thickness of the ore bodies ranges from 40 to 60 m. The overburden is locally very thick and can reach up to 200 m.

Extension of Mineral Occurrence:

Grebnik occupies an area of 15 km² with a total of 45 to 50 of known bauxite occurrences.

Resources:

In the year 2000 the mineral resource stood at 4 to 5 Mio. t of bauxite. Typical bauxite assay results are:

SiO ₂	=	1.5 - 3.5 %
Al ₂ O ₃	=	45 - 51 %
Fe ₂ O ₃	=	30 - 38 %
Ti ₂ O ₃	=	1.8 - 8 %

The overlying limestone meets the quality standards for cement production.

Past Production:

Between 1996 – 1999 about 3,3 millions of bauxite were produced. Bauxite operations were then halted because of the political situation. Limestone production continued.

Mining Method:

In the past open cast mining from individual small pits. Greatest annual production was 200,000 t.



