
Anja Todorović

Spesartinsko-almandinska mineralizacija južnih padina Cera

U slivu reke Lešnice, koja većinom toka drenira podnožje planine Cer, izvedena je šlihovska prospekcija u cilju utvrđivanja zastupljenosti granatskih minerala. Prospekcijom je utvrđeno prisustvo granata iz grupe piralspita. Konstatovano je da je najzastupljeniji mineral spesartin, a uočeno je prisustvo i drugih predstavnika granata (piralspiti i ugranditi). Duž toka Lešnice uočava se smena minerala grupe granata. Dobljeni rezultati ukazuju na pravilnost u procesu hlađenja magme tokom nastanka Cerskog granitoidnog plutona.

Spessartine-almandine mineralization of Southern slopes of the Cer Mountain

In order to determine the presence of the garnet minerals, mineral prospection was conducted in the basin of the Lešnica river, which flows through the foothill of the Cer mountain. The presence of garnet minerals from the piralspite group was determined. It was noted that the most common mineral was spessartine, and the presence of other representatives of garnet minerals (piralspites and ugrandites) was also noted. A switch of the garnet minerals is observed along the Lešnica river. The results of the research indicate a regularity in the process of the magma cooling during the genesis of the Cer granitoid pluton.

Anja Todorović (1997), Beograd, Kumanovska 12, učenica 2. razreda Treće beogradske gimnazije

MENTOR: Aleksa Vujinović, student Rudarsko-geološkog fakulteta Univerziteta u Beogradu