

Mineralogie železných rud na historickém ložisku Horní Hoštice v Rychlebských horách (Česká republika)

Mineralogy of iron ores at the historical deposit Horní Hoštice in the Rychlebské hory Mts. (Czech Republic)

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Abstract

Two types of iron ores were studied on the historical deposit at Horní Hoštice in the Rychlebské hory Mts. (eastern part of the Orlica-Šniežnik Dome): (1) quartz-magnetite(\pm hematite) ores with accessory garnet (Alm_{80-88}), and (2) carbonate-magnetite ores with abundant Ca-amphiboles and grünerite. Magnetite in the both ore types is often altered to maghemite and slightly martitized. The ores are interpreted as metamorphosed ferrolite of sedimentary or exhalative-sedimentary origin.

Key words: *Stronie Group, iron ores, magnetite, maghemite, grünerite, hedenbergite, almandine, Silesia, Czech Republic*