

## **RESOURCES AND A PROBLEM OF NOBLE METAL RECOVERY FROM THE IRON ORE KOSTOMUKSHA DEPOSIT (KARELIA)**

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The article is devoted to the noble metal mineralization of Kostomuksha iron ore deposit. The average gold content in different host rocks and ores is calculated by means of statistical analysis based on chemical data. Total gold resource may be estimated as 383 t (hypothetical resources). In South area Kostomuksha deposit mineralized zones with noble metal are recovered and their resources may be estimated as 12 t (potential resources). In article economic significance of the noble metal mineralization as by-product is presented.