

## НОВЫЕ МИНЕРАЛЫ

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### ХЛОРАТИНИТ $Mg_2(CO_3)ClOH \cdot 3H_2O$ — НОВЫЙ МИНЕРАЛ ВУЛКАНИЧЕСКИХ ЭКСГАЛЯЦИЙ<sup>1</sup>

L. P. VERGASOVA, S. K. FILATOV, E. K. SERAFIMOVA, S. V. SERGEEVA. CHLORARTINITE  
 $Mg_2(CO_3)ClOH \cdot 3H_2O$  — THE NEW MINERAL FROM EXHALATIONS OF THE GREAT FISSURE  
TOLBACHIK ERUPTION

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The new mineral has been discovered in the exhalation sediments of the new Tolbachik volcano appeared while the great fissure Tolbachik eruption (Kamchatka, 1975—1976). Type of the chemical formula of chlorartinite was determined by identity of its X-ray powder pattern to the one of corresponding synthetic compound. Description of the mineral includes the common list of its chemical composition, crystallographic and optical features and physical parameters, with indications of their peculiarities. There are also some information about associated minerals and data on aggregate forms and mode of occurrence of chlorartinite. The mineral's name reflects the similarity of its formula to composition of artinite  $Mg_2(CO_3)(OH)_2 \cdot 3H_2O$ .