

**FEATURES OF CLAY MINERALS FROM
THE REPOSTPONED PRODUCTS
OF DEGRADED KIMBERLITES IN THE
YAKUTIAN KIMBERLITE PROVINCE**

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Earlyjurassic placer accumulations of Western Yakutia partition on three facieses of sedimentation. There are basal horizons of ukugutic depositions (J1uk), talus trains and karstic formations of a dyakhtar stratum (T3-J1). Mineralogical features of pelite fraction were studied. Indentifications conducted of a clay components by X-ray diffraction, thermo-graphic and infrared absorption spectra methods. Ambiguities were observed in scanning electron microscope. Basic associations of mineral at basal horizons were scheduled in diamond potential productive depositions. The relationship of fine minerals with redepositional products of exogenic destruction of kimberlites were shortly described.