



## **Chekhov's Late Cenozoic volcanism of the eastern coast of Southern Sakhalin (Makarovsky district)**

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### **Abstract**

The petrochemical composition of early Miocene igneous rocks of the Chekhov suite developed on the East coast of the Southern Sakhalin in the Makarovsky administrative district is characterized. It is established that the heterogeneous material of both depleted and the enriched lithosphere in the process of their formation was involved to the melting. This occurred due to properties of its destruction, resulting in the separation of Sakhalin Island from the Asia continent with the formation of the Tatar Strait.

### **Keywords**

Sakhalin, Stratigraphy, Early Miocene Chekhov formation, Igneous rocks, Petrography, Petrochemistry, Geochemistry, Geodynamic conditions

### **References**



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