

GRANITE FORMATION IN A CONTINENTAL CRUST: DYNAMICS OF TECTONIC POSITIONING AND STRUCTURIZATION OF INTRUSIONS (A CASE STUDY FOR PRIMORYE, RUSSIA)

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The authors studied the dynamo-tectonic factors of arrangement, formation, and infrastructure development of the regional intrusions in the margin-continental structures. Three (PR_3 - PZ_1 , PZ_2 - PZ_3 , MZ-KZ) structural planes of different age were established in order to determine the intrusions' arrangement. The intrusions were formed due to granitization of host crystalline and sedimentary rocks within the arc zones of antiforms, where the rocks experienced tectonic decompression. Normal and tangential stresses influenced structurization of the granites.

Keywords: granitization, intrusions, intrusions' infrastructure, dynamics of structurization.