

**SEISMIC HAZARD ASSESSMENT OF THE CONSTRUCTION AREA
OF ELGINSKII COAL COMPLEX IN THE SOUTH OF YAKUTIA BY
A HOLISTIC SET OF GEOLOGICAL AND GEOPHYSICAL DATA**

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Abstract. The results of seismic microzoning in the area of the Elginskii coal complex, Yakuti a are represented. The forecast of the increase of seismic impact on the area of building location is carried out. The seismic microzoning map compiled according to the results of direct instrumental investigation and calculations is presented.

Keywords: seismic microzoning (SMZ), active faults, earthquake epicenters, modern geodynamics, seismic stiffness method, geological-geophysical data.