

Summary regional geophysical maps on West Siberia territory

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Summary regional map of anomal magnetic field on West Siberia is compiled (scales 1:500000 – 1:2500000; coordinates 52°-76° North latitude, 60° -90° Ost longitude). All materials of longstanding airmagnetic surveys are used. First the data of detailed surveys with nuclear magnetometers are included in this map and also it enlarged with the data of Karskoe sea shelf survey. Wide anomalies spectrum reflects geological structures of West-Siberian plate's basement. Full map complete is represented as grafical, so and electronical version.

Regional gravity field map on West Siberia territory (mainland) is compiled as electronic version (scale 1:500000). New materials of modern surveys are used for considerable territory.

Electronic versions, both - magnetic and gravity field, provide computer technology using for digital cartography and interpretation. It is the basis of new stage investigations, connected with geotectonic and geological mapping West Siberia as perspective gas- and oilbearing province.