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DESCRIPTORS: *Sulfur compounds, *Dioxides, Hydro-
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The alluvial ores of Western Siberian deposits contain leucoxene, ilmenite, rutile and zircon. The overall content of titanium dioxide in the sample was 3.4%, and zirconium dioxide 1.2%. In grain characteristics the sand is exceptionally fine, slightly kaolinised material, in which the valuable minerals are distributed extremely unevenly. Almost all the zircon is concentrated in the 0.074 - 0.30 mm size fraction, while the titanium minerals are found in the size range 0.3 - 0.030 mm. Preliminary dressing may be by either flotation or gravity. Finishing operations may be carried out by either of the following methods:
(Metallurgy, TT, v. 5, no. 7) (over)

1. Ores--Processing
2. Titanium--Siberia
3. Zirconium--Siberia
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