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The process of volume ionization in the quartzite, that arose at plasma-vibrostriking action upon minerals, was considered. It was shown, that the plasma-vibrostriking loading of materials resulted in the appearance of local regions with an anomalous Shottci effect.

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$$F = \frac{n! U_0 \ln N!}{n! (N - n)!}$$

$$n \ll N, \quad N - n \approx N; \quad n \approx N \exp(-U_0/kT)$$

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The technology of reception composite of a material with use is offered as the basic component binding –crushed silica-lump. The technology allows to receive materials with the raised(increased) operational properties under the simplified technological circuit, provides mechanization of production, decrease of expenditures of labour and increase of quality of production.

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