

Grading of decorative properties of new rare collection minerals from charoite deposit "Sirenevsky Kamen", Russia.

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Grading of mineralogical indicators of 40 rare minerals, using of point scale, was held; it was allowed to range, collection minerals according to their value. Rareness of occurrence of mineral, color shapes and dimensions of crystals and aggregates were taken into consideration. Each of indicators is divided into 3-5 groups, with its significance coming down from first to last ones.

For mining it is advisable 15 minerals that have been distributed by rareness as following; one find in the world - charoite, tokkoite, frankamenite, dianite; two finds - tinaksite, fedorite, tausonite, yuksporite; 3-4 finds - K-batisite, agrellite, steacyite; very rare and rare - lorenzenite, labuntsovite, narsarsukite, miserite. In colors of minerals bright tones prevail - lilac, violet (purple), brown, orange, green, pink, yellow, blue and mineral colors, besides in charoite strong silky and pearly lustra occurs. That high act point was given to color samples with maximum intensity. The most widespread formation shapes are radial fibrous and laminar aggregates, prismatic and acicular crystals. Preference was given to crystals with perfect crystallographic shapes and to aggregates with almost ideal ontogeny. Big dimensions - from 0,5 to 10 cm characterize collection minerals. As additional indicator it was took into account simultaneous presence of several rare minerals in the sample.