Crystal Data: Monoclinic. *Point Group*: 2/m. As prismatic to acicular crystals to 7 mm, elongated along [010] and slightly flattened on [100]. Commonly in divergent, sheaf-like aggregates. *Twining*: Simple "cruciform twins", with (001) composition plane.

Physical Properties: *Cleavage*: Distinct on {001}. *Tenacity*: Brittle. *Fracture*: Uneven. Hardness = 6 D(meas.) = n.d. D(calc.) = 3.432 Nonfluorescent.

Optical Properties: Transparent to translucent. *Color*: Greenish black, green to light green under daylight; purplish black, purple to grayish purple under incandescent light. *Streak*: Gray-green. *Luster*: Vitreous.

Optical Class: Biaxial (-). $\alpha = 1.757(5)$ $\beta = 1.788(6)$ $\gamma = 1.794(6)$ 2V(meas.) = 45(10)° 2V(calc.) = 46° Pleochroism (thicker crystals): Strong, X = grayish, Y = light grayish green, Z = brown. Absorption (thicker crystals): X < Y < Z. Pleochroism (thinner crystals): Weaker, X = light grayish to nearly colorless, Y = light grayish, Z = light grayish brown. Absorption (thinner crystals): X < Y < Z. Dispersion: Strong, crossed. Orientation: $Z \land b \approx 12^\circ$.

Cell Data: Space Group: C2/m. a = 19.2436(6) b = 5.9999(2) c = 8.8316(3) $\beta = 97.833(3)$ ° Z = 4

X-ray Powder Pattern: Rudnaya Cr mine, Glavnoe Saranovskoe deposit, Middle Urals, Russia. 2.913 (100), 3.783 (75), 2.755 (52), 2.539 (48), 2.470 (39), 4.707 (36), 1.602 (35), 4.759 (34)

	(1)	(2)
CaO	21.33	20.49
MgO	3.17	
Al_2O_3	5.41	
Cr_2O_3	28.50	41.64
TiO_2	0.18	
SiO_2	33.86	32.93
H_2O	[5.82]	4.94
Total	98.27	100.00

(1) Rudnaya Cr mine, Glavnoe Saranovskoe deposit, Middle Urals, Russia; average electron microprobe and FTIR spectroscopic analyses, H_2O calculated from stoichiometry; corresponds to $Ca_{2.02}(Cr_{0.56}Mg_{0.42})_{\Sigma=0.98}(Cr_{1.43}Al_{0.56}Ti_{0.01})_{\Sigma=2.00}Si_{3.00}O_{10.57}(OH)_{3.43}$. (2) $Ca_2CrCr_2[SiO_4][Si_2O_6(OH)](OH)_2O$.

Polymorphism & Series: Solid solution series with shuiskite-(Mg).

Mineral Group: Pumpellyite group.

Occurrence: In fracture coatings in chromitite on mine walls.

Association: Calcite, Cr-bearing clinochlore, uvarovite.

Distribution: From the Rudnaya chromite mine (level 280 m), Glavnoe Saranovskoe deposit, Saranovskaya deposits, Sarany, Middle Urals, Russia. Perhaps from the Roche Noire massif, Auvergne-Rhône-Alpes, France (with structural confirmation of Cr allocation).

Name: The suffix identifies the analog of *shuiskite*-(Mg) with Cr dominant in the *X* site.

Type Material: A.E. Fersman Mineralogical Museum, Russian Academy of Sciences, Moscow, Russia (5481/1) and the Canadian Museum of Nature, Ottawa, Ontario, Canada (CMNMC 87302).

References: (1) Lykova, I., D. Varlamov, N. Chukanov, I. Pekov, D. Belakovskiy, O. Ivanov, N. Zubkova, and S. Britvin (2020) Chromium members of the pumpellyite group: Shuiskite-(Cr), Ca₂CrCr₂[SiO₄][Si₂O₆(OH)](OH)₂O, a new mineral, and shuiskite-(Mg), a new species name for shuiskite. Minerals, 10(5), 390, 1-11.