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Crystal Data: Monoclinic. *Point Group:* [2/m.] In bundles of fibers, elongated along [001], commonly bent, to 200 μ m; rimming hennomartinite.

Physical Properties: Cleavage: Parallel to [001]. Tenacity: Brittle. Hardness = [5-6] D(meas.) = n.d. D(calc.) = 3.15

Optical Properties: Transparent. Color: Dark red to brownish lilac. Luster: Vitreous. Optical Class: Biaxial (-). Pleochroism: X = pink; Y = dark red; Z = red-orange. Orientation: Z = b; $Y \wedge c = 60^{\circ}-65^{\circ}$. $\alpha = 1.654(4)$ $\beta = [1.675]$ $\gamma = 1.696(4)$ $2V(\text{meas.}) = 88^{\circ}-92^{\circ}$

Cell Data: Space Group: $P2_1/m$ or $P2_1/a$. a = 9.94(1) b = 17.80(2) c = 5.302(4) $\beta = 105.5(2)^{\circ}$ Z = 2

X-ray Powder Pattern: Wessels mine, South Africa; assembled from single crystal patterns. 3.257 (s), 3.132 (s), 2.812 (s), 2.553 (s), 8.890 (m), 8.427 (m), 5.077 (m)

Chemistry:

	(1)
SiO_2	56.06
Al_2O_3	0.00
$\rm Fe_2O_3$	4.93
Mn_2O_3	13.17
MgO	10.03
CaO	0.00
Li_2O	1.96
Na_2O	7.61
K_2O	3.56
F	n.d.
H_2O	[2.68]
Total	[100.00]

(1) Wessels mine, South Africa; by electron microprobe, Li by ion microprobe, average of seven analyses, H₂O by difference; corresponds to $(K_{0.65}Na_{0.31})_{\Sigma=0.96}(Na_{1.79}Li_{0.21})_{\Sigma=2.00}(Mg_{2.12}Mn_{1.43}^{3+}Li_{0.91}Fe_{0.52}^{3+})_{\Sigma=4.98}Si_{8.00}O_{22}(OH)_2.$

Mineral Group: Amphibole (alkali) group: $Na_B \ge 1.34$; $Li_C \ge 0.5$; $Mn^{3+} > Fe^{3+}$.

Occurrence: From a hand specimen, in veinlets of sérandite-pectolite cutting sugilite, probably of hydrothermal origin in a bedded manganese deposit.

Association: Sérandite-pectolite, sugilite, braunite, taikanite, hennomartinite.

Distribution: From the Wessels mine, near Kuruman, Cape Province, South Africa.

Name: For Hermann Korn (?–1946), German geologist, professionally associated with Henno Martin, for whom an associated mineral is named.

Type Material: Natural History Museum, Bern, Switzerland, B5564.

References: (1) Armbruster, T., R. Oberhänsli, V. Bermanec, and R. Dixon (1993) Hennomartinite and kornite, two new Mn³⁺ rich silicates from the Wessels mine, Kalahari, South Africa. Schweiz. Mineral. Petrog. Mitt., 73, 349–355. (2) (1994) Amer. Mineral., 79, 763–764 (abs. ref. 1).