

Crystal Data: Tetragonal. *Point Group:* 4/m 2/m 2/m. As grains to 20 μm in corundum.

Physical Properties: *Cleavage:* n.d. *Tenacity:* n.d. *Fracture:* n.d. *Hardness* = n.d.
D(meas.) = n.d. *D(calc.)* = 4.538

Optical Properties: Opaque. *Color:* n.d. *Streak:* n.d. *Luster:* Metallic.
Optical Class: n.d.

Cell Data: *Space Group:* I4/mmm. $a = 9.4(2)$ $c = 13.5(3)$ $Z = 4$

X-Ray Diffraction Pattern: Calculated pattern.
 2.27 (100), 2.28 (87), 2.23 (68), 2.05 (37), 2.24 (35), 2.36 (34), 2.12 (22)

Chemistry:	(1)	(2)
Si	25.56	34.79
P	9.68	
Ti	62.35	65.21
V	0.21	
Cr	0.83	
Mn	0.42	
Fe	0.95	
Total	100.00	100.00

(1) Cr-11 orebody, Luobusa ophiolite, ~200 km east southeast of Lhasa, Kangjinla District, Tibet, China; normalized EDS analysis; corresponds to $(\text{Ti}_{10.65}\text{Cr}_{0.13}\text{Mn}_{0.06}\text{Fe}_{0.14}\text{V}_{0.03})_{\Sigma=11.01}(\text{Si}_{7.43}\text{P}_{2.55})_{\Sigma=9.99}$.
 (2) Ti₁₁Si₁₀.

Occurrence: In podiform chromitite, perhaps by crystallization of a ternary Ti-Si-P melt during cooling.

Association: Wenjiite, badengzhuite, zhiqinite, a K-bearing dmisteinbergite-like mineral, corundum.

Distribution From the Cr-11 orebody, Luobusa ophiolite, ~200 km east southeast of Lhasa, Kangjinla District, Tibet, China.

Name: For the district in Tibet where the studied material was collected.

Type Material: Geological Museum of China, Beijing, People's Republic of China (M16104).

References: (1) Xiong, F., X. Xu, E. Mugnaioli, M. Gemmi, R. Wirth, Y. Yang, and E.S. Grew (in Press) Wenjiite, Ti₁₀(Si,P, $\square$)₇, and kangjinlaite, Ti₁₁Si₁₀, new minerals in the ternary Ti-P-Si system from the Luobusa ophiolite, Tibet, China. *Amer. Mineral.* (2) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2021) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 61. *Eur. J. Mineral.*, 33, 161-162.