Crystal Data: Monoclinic. *Point Group:* 2/m. As aggregates to 250 μ m composed of irregular 15 μ m grains.

Physical Properties: Cleavage: None. Tenacity: n.d. Fracture: Irregular. Hardness = 4-4.5 VHN = 363-390 (25 g load). D(meas.) = n.d. D(calc.) = 4.62

Optical Properties: Translucent. *Color:* Red-black. *Streak:* Dark brownish red. *Luster:* Vitreous. *Pleochroism:* Distinct; reddish orange to dark brownish red. *Optical Class:* n.d. n(calc.) = 2.03R₁-R₂: (470) 12.8-13.2 (3.3-3.5)_{oil}, (546) 12.3-12.6 (3.1-3.4)_{oil}, (589) 12.2-12.5 (3.1-3.6)_{oil}, (650) 12.5-12.6 (3.6-4.3)_{oil}

Cell Data: Space Group: $P2_1/m$ (by analogy to gamagarite). a = 9.10(4) b = 6.13(2) c = 7.89(5) $\beta = 112.2(5)^{\circ}$ Z = 2

X-ray Powder Pattern: The Shiromaru mine, Okutama Town, Tokyo, Japan. 3.31(100), 2.80 (62), 2.71 (40), 3.46 (26), 3.08 (20), 2.90 (19), 2.16 (18)

Chemistry:		(1)
	V_2O_5	31.77
	SiO_2	0.15
	Al_2O_3	0.07
	Fe_2O_3	2.33
	Mn_2O_3	11.27
	CaO	0.07
	BaO	51.91
	SrO	0.22
	Na ₂ O	0.13
	[H ₂ O] `	1.59
	Total	99.51

(1) The Shiromaru mine, Okutama Town, Tokyo, Japan; average of 6 electron microprobe analyses, H_2O calculated by analogy to gamagarite, corresponds to $(Ba_{1.92}Na_{0.02}Sr_{0.01}Ca_{0.01})_{\Sigma=1.96}(Mn^{3+}_{0.81}Fe^{3+}_{0.17}Al_{0.01})_{\Sigma=0.99}[(V_{1.99}Si_{0.01})O_{7.92}](OH)_{1.00}$.

Mineral Group: Brackebuschite group.

Occurrence: From an outcrop, in an abandoned Mn deposit in brecciated braunite and in veinlets in chert blocks enclosed in sandstone in an accretionary complex. Probably a primary mineral derived from the reaction of braunite with Ba- and V-bearing fluids.

Association: Braunite, hyalophane, tamaite.

Distribution: From the Shiromaru mine, Okutama Town, Tokyo, Japan.

Name: For the metropolitan area containing the first locality.

Type Material: National Science Museum, Tokyo, Japan (NSM-M 28569).

References: (1) Matsubara, S., R. Miyawaki, K. Yokoyama, M. Shimizu, and H. Imai (2004) Tokyoite, $Ba_2Mn^{3+}(VO_4)_2(OH)$, a new mineral from the Shiromaru mine, Okutama, Tokyo, Japan. J. Mineral. Petrol. Sci., 99, 363-367. (2) (2005) Amer. Mineral., 90, 1468 (abs. ref. 1).