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Crystal Data: Orthorhombic. Point Group: $2/m \ 2/m \ 2/m$. As tapering acicular crystals, bladed on $\{010\}$ and elongated along [001]; typically in divergent spherical and hemispherical aggregates, to 3 mm.

Physical Properties: Hardness = 2.5-3 D(meas.) = 2.96(2) D(calc.) = 3.06

Optical Properties: Transparent. Color: White. Streak: White. Luster: Vitreous to silky. Optical Class: Biaxial (-). Orientation: X=a; Y=b; Z=c. $\alpha=1.518$ $\beta=\text{n.d.}$ $\gamma=1.601(4)$ $2V(\text{meas.})=30^{\circ}-40^{\circ}$

Cell Data: Space Group: [Pbnm] (by analogy with dundasite). a = 9.27 b = 16.8 c = 5.63 Z = 2

X-ray Powder Pattern: Francon quarry, Canada. 8.09 (10), 6.23 (6), 3.66 (5), 2.73 (4), 4.68 (3), 3.17 (3), 2.667 (3)

Chemistry:

	(1)	(2)
CO_2	22.2	22.15
Al_2O_3	25.6	25.66
SrO	0.8	
BaO	36.6	38.59
${\rm H_2O}$	15.3	13.60
Total	100.5	100.00

- (1) Francon quarry, Canada; corresponds to $Ba_{0.99}Al_{2.03}(CO_3)_{2.03}(OH)_{4.01} \cdot 1.90H_2O$.
- (2) BaAl₂(CO₃)₂(OH)₄ H₂O.

Occurrence: In vugs in an alkalic sill in limestone.

Association: Weloganite, dawsonite, quartz, plagioclase.

Distribution: From the Francon quarry, Montreal Island, Montreal, Quebec, Canada.

Name: Honors John Alexander Dresser (1866–1954), Canadian geologist who contributed to knowledge of the Monteregian Hills.

Type Material: Canadian Museum of Nature, Ottawa, Canada.

References: (1) Jambor, J.L., D.G. Fong, and A.P. Sabina (1969) Dresserite, the new barium analogue of dundasite. Can. Mineral., 10, 84–89. (2) (1969) Amer. Mineral., 55, 1447 (abs. ref. 1).