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Crystal Data: Triclinic. Point Group: $\overline{1}$ or 1. Intimately intergrown in parallel orientation with delrioite, in radial fibrous aggregates of tiny acicular crystals.

Physical Properties: Hardness = ~ 2 D(meas.) = 4.3 D(calc.) = 4.21 Readily soluble in H₂O.

Optical Properties: Translucent. *Color:* Light yellow-green to darker green on exposed surfaces, probably the result of photoreduction of some of the vanadium. *Luster:* Vitreous to pearly.

Optical Class: Biaxial (-); properties composite with delrioite. Pleochroism: X = colorless; Y = pale yellow; Z = deeper yellow. Orientation: Z = elongation; extinction parallel. $\alpha = 1.783(3)$ $\beta = 1.834(3)$ $\gamma = 1.866(3)$ 2V(meas.) = Medium to large.

Cell Data: Space Group: $P\overline{1}$ or P1. a = 7.343(7) b = 8.382(3) c = 5.117(4) $\alpha = 111^{\circ}39(2)'$ $\beta = 90^{\circ}16(5)'$ $\gamma = 102^{\circ}49(4)'$ Z = 2

X-ray Powder Pattern: Jo Dandy mine, Colorado, USA. 4.94 (s), 3.46 (s), 4.73 (ms), 2.683 (ms), 2.547 (m), 2.516 (m), 1.885 (m)

Chemistry:

	(1)	(2)
V_2O_5	46.6	50.58
CaO	13.5	15.59
SrO	24.8	28.82
H_2O^+	5.7	5.01
$\mathrm{H_2O^-}$	9.4	
Total	[100.0]	100.00

(1) Jo Dandy mine, Colorado, USA; an estimated 1:5 mixture with delrioite, $CaSrV_2O_6(OH)_2 \cdot 3H_2O$, recalculated to 100% after deduction of quartz 1.30%. (2) $CaSrV_2O_6(OH)_2$.

Occurrence: An efflorescence on sandstone of the Salt Wash member of the Jurassic Morrison Formation associated with a U–V deposit.

Association: Delrioite, rossite, metarossite, quartz.

Distribution: From a dump at the Hummer portal of the Jo Dandy mine, Bull Canyon district, Paradox Valley, Montrose Co., Colorado, USA.

Name: For its relation to delrioite and its lesser H₂O content.

Type Material: National Museum of Natural History, Washington, D.C., USA, 128296.

References: (1) Smith, M.L. (1970) Delrioite and metadelrioite from Montrose County, Colorado. Amer. Mineral., 55, 185–200. (2) Thompson, M.E. and A.M. Sherwood (1959) Delrioite, a new calcium strontium vanadate from Colorado. Amer. Mineral., 44, 261–264.