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Crystal Data: Monoclinic. Point Group: 2/m. As finely granular efflorescences.

**Physical Properties:** Hardness =  $\sim 3$  D(meas.) = 2.33 D(calc.) = 2.36 Soluble in H<sub>2</sub>O; dehydrates in air.

Optical Properties: Semitransparent. Color: Bright pink; light pink in transmitted light.

Streak: White. Luster: Vitreous.

Optical Class: Biaxial (-).  $\alpha = 1.528$   $\beta = \text{n.d.}$   $\gamma = 1.536$  2V(meas.) = n.d.

**Cell Data:** Space Group:  $P2_1/n$ . a = 5.94 b = 13.56 c = 7.90  $\beta = 90^{\circ}31'$  Z = 4

X-ray Powder Pattern: Magnet Cove mine, Canada.

4.46 (10), 5.44 (9), 3.95 (8), 2.95 (7), 3.39 (6), 3.22 (5), 6.78 (4)

**Chemistry:** (1) Magnet Cove mine, Canada; partial X-ray spectrographic analysis corresponds to  $(\text{Co}_{0.50}\text{Mn}_{0.25}\text{Ni}_{0.22}\text{Cu}_{0.01}\text{Fe}_{0.01}\text{Zn}_{0.01})_{\Sigma=1.00}\text{SO}_4 \cdot 4\text{H}_2\text{O}$ .

Mineral Group: Rozenite group.

**Occurrence:** As efflorescences with sulfides (probably cobaltian and nickelian pyrite) on siderite—barite matrix from a hydrothermal Pb–Zn–Cu orebody associated with a large barite deposit.

**Association:** Moorhouseite, siderite, barite.

**Distribution:** From the Magnet Cove barite mine, four km southwest of Walton, Nova Scotia, Canada.

Name: Honors Albert Peter Low (1861–1942), Canadian geologist, former Director of the Geological Survey of Canada.

**Type Material:** National School of Mines, Paris, France; Canadian Geological Survey, Ottawa, Canada, 12145.

**References:** (1) Jambor, J.L. and R.W. Boyle (1965) Moorhouseite and aplowite, new cobalt minerals from Walton, Nova Scotia. Can. Mineral., 8, 166–171. (2) (1965) Amer. Mineral., 50, 809 (abs. ref. 1).