

Crystal Data: Triclinic. *Point Group:* 1 or $\bar{1}$. As crystals, to 0.2 mm, elongated along [001], with large {010} and subordinate {110} and {102}.

Physical Properties: *Cleavage:* Perfect on {010} and {110}. *Tenacity:* Moderately brittle. Hardness = ~ 3 D(meas.) = > 4.2 D(calc.) = 5.73

Optical Properties: Transparent to translucent. *Color:* Yellow-orange; colorless in transmitted light. *Streak:* Pale yellow. *Luster:* Dull, vitreous on cleavage surfaces.

Optical Class: Biaxial (-); maximum birefringence 0.070(10). *Dispersion:* $r > v$, strong.

$\alpha = 1.8\text{--}1.9$ $\beta = \text{n.d.}$ $\gamma = \text{n.d.}$ $2V(\text{meas.}) = 46(2)^\circ$

Cell Data: *Space Group:* $P1$ or $P\bar{1}$. $a = 6.36(2)$ $b = 7.29(2)$ $c = 5.54(2)$ $\alpha = 97.3(3)^\circ$
 $\beta = 114.2(2)^\circ$ $\gamma = 106.0(2)^\circ$ $Z = 1$

X-ray Powder Pattern: Långban, Sweden.

6.81 (100), 2.849 (90), 2.983 (80), 3.06 (70), 3.38 (60), 3.25 (60), 2.016 (60)

Chemistry:

	(1)
As ₂ O ₃	27.0
MnO	10.0
PbO	59.6
H ₂ O	4.8
Total	101.4

(1) Långban, Sweden; by electron microprobe, H₂O by TGA; corresponds to $\text{Pb}_{1.97}\text{Mn}_{1.04}(\text{AsO}_3)_{2.01} \cdot 1.96\text{H}_2\text{O}$.

Occurrence: A very rare species found on a museum specimen, in a fracture cutting calcite-hausmannite ore, from a metamorphosed Fe–Mn orebody.

Association: Trigonite, finnemanite, hausmannite, calcite.

Distribution: From Långban, Värmland, Sweden.

Name: For Dr. Roland C. Rouse (1943–), American mineralogist, University of Michigan, Ann Arbor, Michigan, USA.

Type Material: National Museum of Natural History, Washington, D.C., USA, 94942.

References: (1) Dunn, P.J., D.R. Peacor, B.D. Sturman, and F.J. Wicks (1986) Rouseite, a new lead manganese arsenite from Långban, Sweden. *Amer. Mineral.*, 71, 1034–1036.