Minéralisation du thallium de Jas Roux, La Chapelle-en-Valgaudemar (Hautes-Alpes)

Tl-rich hydrothermal stratiform deposit in dolomitc limestones. Located in the Écrins National Park ('Parc national des Ecrins').

Note on the mineral list: Johan & Mantienne (2000) also describe four new phases:

- Pb9Ag(Sb,As)13S29 with optical properties similar to jamesonite, with a monoclinic unit-cell with a = 17.640, b = 18.464, c = 3.967 A, beta = $90^{\circ}48$ ', V = 1292 A 3, Z = 1, Dcalc = 5.51
- a phase TI(As,Sb)10S16 that is X-ray amorphous
- a phase TI(Sb,As)7S11 that is weakly anisotropic with reflectivity close to chabourneite
- a phase Ag2SbAsS4, representing a reaction product between smithite and chabourneite

Mineral List

Aktashite Andorite Andorite IV Baryte Calcite

Chabournéite (TL)

Dolomite
Dorallcharite
Goethite
Guettardite
Gypsum
Kermesite
Klebelsbergite
Laffittite (TL)

Madocite Millosevichite

Orpiment

Parapierrotite
Pharmacosiderite
Pierrotite (TL)

Pyrite Quartz Realgar

Routhierite (TL)

Smithite Sphalerite Stibnite Szomolnokite Twinnite Valentinite Voltaite

Wakabayashilite

Zinkenite

33 entries listed. 31 valid minerals. 4 type localities (valid minerals). Mineral List

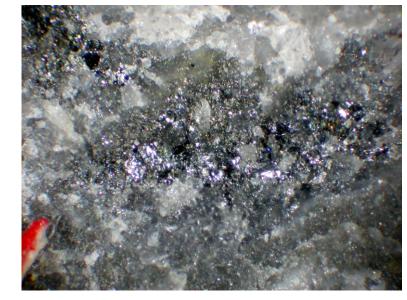
References

- Asselborn, E. (1982): Jas Roux: Seltene Sulfosalze aus den französischen Alpen. Lapis, 7 (1), 29-xx (in German).
- Johan, Z. & Mantienne, J. (2000): Thallium-rich mineralization at Jas Roux, Hautes-Alpes, France: a complex epithermal, sediment-hosted, ore-forming system. J. Czech Geol. Soc. 45, 63-77.
- Boulliard, J.C., Morin, G., Bourgoin, V. & Favreau, G. (2010): Minerals of Jas-Roux (France): an update. 20th General Meeting of the IMA (IMA2010), Budapest, Hungary, August 21-27, CD of Abstracts, p. 422.

Parapierrotite, 5mm 'vein' of silvery grey Parapierrotite.

Jas Roux, Pelvoux Mt., Valgaudemar, Hautes-Alpes, Provence-Alpes-Côte d'Azur, France.

Photo: Maurice de Graaf



Source: mindat.org - the mineral and locality database, http://www.mindat.org