Sylvanite - $AgAuTe_4$

Hardness: 1.5–2. Cleavage: Perfect. Insoluble in water. Insoluble in HCl or H_2SO_4. Decomposed by HNO_3 with deposition of Au. May be photosensitive; when exposed to light may be altered by air, moisture and/or atmospheric pollutants. Said to turn brass-yellow due to exsolution of gold. Sinkankas (1970) notes this mineral may "tarnish or oxidize" so store in dry atmosphere (with desiccant) free of sulfur or acid fumes.

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