

Erratum

Fluid source and metal precipitation mechanism of sediment-hosted Chang'an orogenic gold deposit, SW China: Constraints from sulfide texture, trace element, S, Pb, and He-Ar isotopes and calcite C-O isotopes by L. Yang, Q. Wang, R.R. Large, I. Mukherjee, J. Deng, H. Li, H. Yu, X. Wang (March, vol.106, 410–429, 2021). Article DOI: <https://doi.org/10.2138/am-2020-7508>. Erratum DOI: <https://doi.org/10.2138/am-2021-E106610>.

The authors regret that Figures 6 and 7 in the above paper were swapped. The two figures should be presented as follows:

FIGURE 6. BSE images showing the mineralogy, pyrite texture, and paragenesis in pre-ore and hydrothermal stage I. Also shown are the locations of representative spot analyses for sulfur isotopes (red) and Au concentration (pink) results of selected sulfide grains. (a) Subhedral py_s overlapped by py_{I-1} containing inclusions of arsenopyrite. (b) Subhedral py_s overgrown by py_{I-1} with galena inclusions. Apertures in py_s are filled by quartz and calcite. (c) Subhedral py_s overgrown by oscillatory zoning py_{I-1} with arsenopyrite inclusions along the contact between py_s and py_{I-1} . (d) Corrosive py_s with irregular contact boundary overgrown by py_{I-1} , which in turn is rimmed by py_{I-2} . Abbreviations: Apy = arsenopyrite, Cal = calcite, Py = pyrite (py_s , py_{I-1} , and py_{I-2} represent different generations of pyrite), Qtz = quartz. (Color online.)

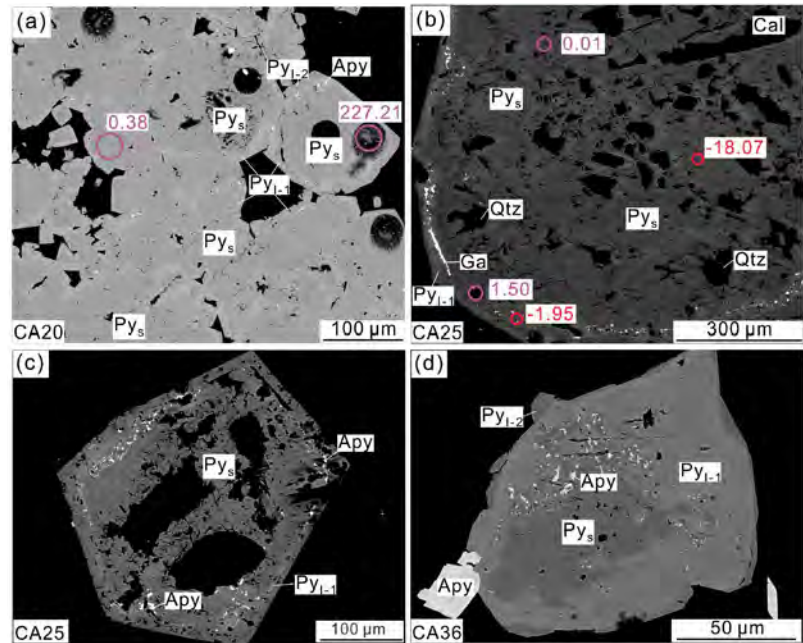
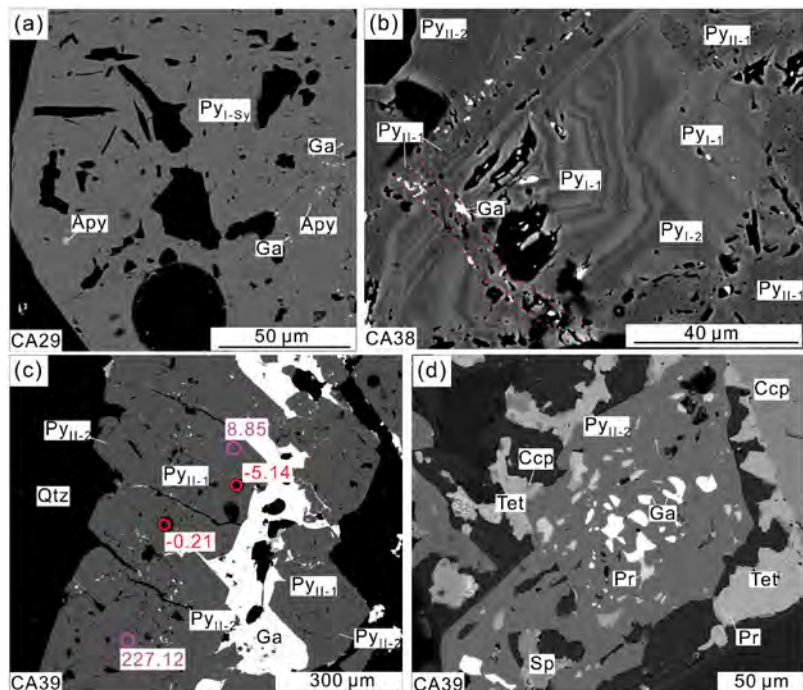


FIGURE 7. BSE images showing the mineralogy, pyrite texture and paragenesis of hydrothermal stages I and II. Also shown are the locations of representative spot analyses for sulfur isotopes (red) and Au concentration (pink) results of selected sulfide grains. (a) Unzoned py_{I-Sy} with porous texture filled by quartz, galena, and arsenopyrite in stage I in the syenite. (b) py_{I-1} with oscillatory zoning overgrown by py_{I-2} in stage I, which is cut by subhedral to anhedral py_{II-1} (with porous texture filled by galena) overgrown by euhedral py_{II-2} in stage II. (c) Subhedral to euhedral py_{II-1} overgrown by py_{II-2} with cogenetic Ga in stage II. (d) A cogenetic mineral assemblage of py_{II-2} , galena and arsenopyrite, chalcopyrite, tetrahedrite, proustite, sphalerite in stage II. Abbreviations: Apy = arsenopyrite, Ccp = chalcopyrite, Ga = galena, Pr = proustite, Py = pyrite (py_{I-1} , py_{I-Sy} , py_{I-2} , py_{II-1} , and py_{II-2} represent different generations of pyrite), Qtz = quartz, Sp = sphalerite, Tet = tetrahedrite. (Color online.)



The authors apologize for any inconvenience caused.

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