



Geology and Mineralogy of Zn-Pb Nonsulfide Deposits

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

“Nonsulfides” is a term, which has been used to define a special deposit type, considered as derived from the weathering of Zn(Pb) sulfide concentrations. Nonsulfide zinc deposits can be distinguished between supergene and hypogene, according to their mineralogy, geological characteristics and genetic setting. The mineralogy of supergene deposits and their location relative to the precursor sulfide bodies reflect the composition of the primary assemblage and host rock, as well as the hydrologic regimes and climate.

The economic value of Zn-Pb nonsulfides is highly variable, and it resides on the mineralogy of the contained metals. Some technical problems encountered during processing can be thus mitigated by a better identification of the mineralogical assemblage. This should be a fundamental step in the exploration, because most extraction processes are highly sensitive to mineralogy.

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Guest Editor





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Message from the Editor-in-Chief

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