

The Patterns of Development of Halos of Environmental Chemical Elements in Conjugate Natural Environments of Massive Sulfide Deposits of the Southern Urals

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Abstract: The paper considers halos of environmentally hazardous chemical elements, which are formed in the conjugated chain of natural environments: bedrock – weathering crusts, mesocenozoic sediments – soil cover and binding natural waters, which are also the main agent of the formation of halos. The main ligands and the retainers of the chemical elements are shown. The stocks of chemical elements accumulated in natural environments are given. The factors determining the extent of exogenous halo-formation, including tectonic processes, hydrodynamic environment, etc., are described.