

NEW SULPHIDE ZONE OF COPPER IN INGALDHAL- CHITRADURGA COPPER UNIT

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Abstract

Not all metal deposits have igneous origins- sedimentary deposits can also be a valuable source of many metals, including copper. While sedimentary copper deposits share the feature of a sedimentary origin, there are many different types of sedimentary copper deposits, each with distinct characteristics. Sedimentary deposits are generally stratiform- meaning their morphology is controlled by stratigraphy of their host rocks. Sedimentary deposits are generally tabular, sheet-like or flat lenticular form. They are horizontal if not disturbed, but are frequently folded and faulted. Beds containing metallic ore are generally less than 20 ft. thick. Beyond copper, common metals found in sedimentary deposits are lead, zinc, cobalt and silver. Sedimentary copper can be deposited through different processes. This paper reveals that this formation is the result of the movement of a copper-bearing fluid through strata, that for one reason or another precipitates.

Keywords : 1.Igneous rocks 2.sedimentary rocks 3.Copper 4. chemical Trap 5.Deposit 6.Strata 7.Host rocks.

Sub Area : Mining Geology

Broad Area: Engineering Geology