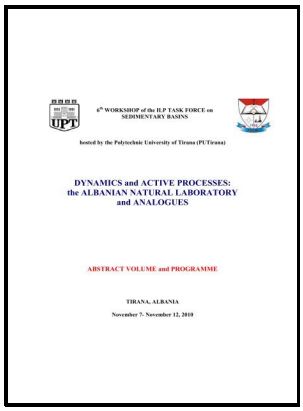
Base metal sulphide mineralisation and hydrocarbon migration in Upper Jurassic reservoirsandstones of the Witch Ground Graben, U.K. North Sea.

University of Manchester - MASSIVE SULPHIDE DEPOSITS



Description: -
-Base metal sulphide mineralisation and hydrocarbon migration in Upper Jurassic reservoirsandstones of the Witch Ground Graben, U.K. North Sea.
-Base metal sulphide mineralisation and hydrocarbon migration in Upper Jurassic reservoirsandstones of the Witch Ground Graben, U.K. North Sea.
Notes: Manchester thesis (Ph.D.), Department of Geology.
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Tags: #Sulphide #and #oxide #mineralisation #in #the #Uitkomst #Complex, #South #Africa: #origin #in #a #magma #conduit

Sulphide and oxide mineralisation in the Uitkomst Complex, South Africa: origin in a magma conduit

It has some similarities to the Irish-Alpine type spectrum of deposits best known in Europe.

White Rock Minerals finds massive sulphide mineralisation

This style of mineralisation has not previously been described from the region.

MASSIVE SULPHIDE DEPOSITS

A channel sample provides both a representative assay of the outcrop and a width across which the assay has been taken.

MASSIVE SULPHIDE DEPOSITS

The largest deposits in this group may be in excess of 100 million tons ea.

Sediment geochemistry and base metal sulphide mineralisation in the Quidong area, Southeastern New South Wales, Australia

However, it is not uncommon for disseminated sulphides to be sufficiently concentrated to achieve ore grades. Le volume anormalement élevé de sulfures par rapport à l'épaisseur du complexe est principalement expliqué par une ségrégation en profondeur, à partir d'une plus importante quantité de magma, par un piégeage lors de l'ascension du magma et dépôt dans le conduit. For every large, high grade deposit, there are likely to be large numbers of small, lower grade deposits.

Sediment geochemistry and base metal sulphide mineralisation in the Quidong area, Southeastern New South Wales, Australia

A textural, geochemical and mineralogical evolution is proposed to explain the coexistence of different morphologies in the multiframboidal texture: a growth and aggregation of microcrystals as typical framboidal-type mineralogical associations; b development of euhedral habits; c coalescence and homogenization of the microcrystal into large size euhedral to anhedral crystals, and d formation of euhedral crystals or polycrystalline masses, with complete loss of framboidal texture.

White Rock Minerals finds massive sulphide mineralisation

One tonne contains 1000 kilograms kg and at 2% Ni, would contain 1000 x. VMS Volcanogenic Massive Sulphide Deposits and Ni-Cu-Co Type Magmatic Massive Sulphide Deposits Volcanic-associated massive sulphide VMS deposits occur throughout the world and throughout the geological time column in virtually every tectonic domain that has submarine volcanic rocks as an important constituent. The amount of Ni present in a ton of this rock is easily calculated.

MASSIVE SULPHIDE DEPOSITS

White Rock Minerals today announced that two of the first three diamond drill holes have intersected massive sulphide mineralisation at its high-grade zinc VMS project at Red Mountain in Alaska.

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