

Gypsum Mining Business

Description:

Gypsum Mining Business. Investment and Business Opportunity in Mineral & Mining Sector

Gypsum is an evaporite mineral most commonly found in layered sedimentary deposits in association with halite, anhydrite, sulfur, calcite, and dolomite. Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) is very similar to Anhydrite (CaSO_4). The chemical difference is that gypsum contains two waters and anhydrite is without water. Gypsum is the most common sulfate mineral.

Gypsum is a mineral found in crystal as well as masses called gypsum rock. It is a very soft mineral and it can form very pretty, and sometimes extremely large colored crystals. Massive gypsum rock forms within layers of sedimentary rock, typically found in thick beds or layers. It forms in lagoons where ocean waters high in calcium and sulfate content can slowly evaporate and be regularly replenished with new sources of water. The result is the accumulation of large beds of sedimentary gypsum. Gypsum is commonly associated with rock salt and sulfur deposits. It is processed and used as prefabricated wallboard or as industrial or building plaster, used in cement manufacture, agriculture and other uses.

Uses of Gypsum

Gypsum uses include: manufacture of wallboard, cement, plaster of Paris, wall plasters, mortars, sheet rock, fertilizer, soil conditioning, and a hardening retarder in Portland cement. Varieties of gypsum known as "satin spar" and "alabaster" are used for a variety of ornamental purposes; however, their low hardness limits their durability.

For more details download PDF file.

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