Madison Limestone in Montana

Economic Importance

Madison Limestone in Montana is Montana’s most important indurated (bedded) rock aquifer, hosts numerous oil and gas reservoirs, is a source of limestone (CaCO₃) for cement and aggregates for concrete production, and is incorporated into road and bridge construction. Its unique mix of engineering and geologic properties makes Madison Limestone one of Montana’s most valuable resources.

The Madison Limestone is a significant aquifer, and its deposits are critical to the Montana economy. Madison Limestone is the most important aquifer in the Northern Great Plains. Its high-quality groundwater provides a source of water for domestic, agricultural, and industrial uses. Madison Limestone is also an important source of aggregate for construction projects. The Madison Limestone is also significant for its contribution to the economy of the state and the nation.

Montana Bureau of Mines and Geology

The Montana Bureau of Mines and Geology (MBMG) was established in 1919 as a public service agency and research entity for the State of Montana, to conduct and publish investigations of Montana geology, including mineral and water resources, geohazards, and ground water quality and quantity. In accordance with the enabling act, the MBMG conducts research and provides information but has no regulatory functions.

How to Contact Us

Bus Office 1300 W Park Street Butte, MT 59701 406/494-4363 406/494-4451

Billings Office 1368 North 27th Street Billings, MT 59101 406/245-2734 406/257-2633

http://www.mibmg.mt.gov

Abandoned and Inactive Mines 496-4066
Analytical Services 496-4733
Coal/Coolbunt Hydrology 496-2702
Coal/Coolbunt Hydrology 496-2429
Dwelling Basements 496-4510
Earthquake Studies Office http://mtquake.mibmg.edu/ 496-4332
Economic Geology 499-6710
Geographic Information Systems Laboratory 496-4615
Geologic Mapping 496-4626

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