

Zeolite was created from volcanic ash that fell into an alkaline water source during the formation of the continents. That ash cooled and formed volcanic rock. The heat of the cooling volcanic rock interacted with the alkaline groundwater and created thick layers of pure Clinoptilolite Zeolite. The Sheaville Deposit in which Ida-Ore mines its Zeolite is located along the Idaho and Oregon border, which was a freshwater and potassium source that produces the Clinoptilolite-K strain of Zeolite.

Specifically, Zeolite is a hydrated alumina-silicate with a porous three-dimensional crystalline structure arranged in a fixed and stable honeycomb framework. This framework exhibits valuable physiochemical properties such as cation exchange, molecular sieving, catalysis, and absorption. Zeolite is one of the few natural minerals that possess a natural negative charge. The combination of the honeycomb framework and net negative charge allows Zeolite to both absorb liquids and adsorb elements based on the strength of the chemical bond. The Cation Exchange Capacity (CEC) or affinity strength to bind with elements or compounds of Ida Ore's Zeolite is between 1.8-2.5 mEq per gram.

Not so specifically, Zeolite works like a sponge; soaking up microscopic particles and trapping them inside using the power of magnetism and absorption.

Our motto of "Putting Nature to Work" is developed on a passion to protect the environment by using organic mineral products to change the way businesses' control, convert, and contain harmful substances relative to specific applications in numerous industries. Ida Ore pursues product development and distribution in numerous industries such as Cattle Feed Supplements, Waste Cleanup, Soil Amendments, Water Filtration, Ethylene Filtration, Dust Control, Heavy Metal Cleanup, and Pet Odor Elimination Products.

Ida-Ore is located in Boise, Idaho and takes pride in marketing products and services that are scientifically proven and beneficial to society. The company is focused on supporting environmentally-friendly solutions and welcomes partnerships, joint ventures, and active participation in socially responsible initiatives.