

Download Origin Of Igneous Rocks The Isotopic Evidence

The giant-impact hypothesis, sometimes called the Big Splash, or the Theia Impact suggests that the Moon formed out of the debris left over from a collision between Earth and an astronomical body the size of Mars, approximately 4.5 billion years ago, in the Hadean eon; about 20 to 100 million years after the Solar System coalesced. The colliding body is sometimes called Theia, from the name of ...Metamorphic rock - Structural features: Metamorphic rocks are often intimately related to large-scale (kilometres of tens of kilometres) structural features of Earth. Such features include folds, nappes, and faults with a wide variety of geometries. In many cases, the correlation of metamorphic isograds and their position in the structure implies a genetic relationship between the two. South Pacific Studies Vol.33, No.2, 2013 101 Geological Origin of the Volcanic Islands of the Caroline Group in the Federated States of Micronesia, Western Pacific REHMAN Hafiz Ur1*, NAKAYA Hideo1 and KAWAI Kei2 1: Department of Earth and Environmental Sciences, Graduate School of Science and Engineering, Kagoshima University, Korimoto 1-21-35, Kagoshima, 890-0065 Japan 2: Research Center for ...Petrogenesis of Gunbarrel magmatic rocks: homogeneous continental tholeiites associated with extension and rifting of Neoproterozoic Laurentia