

A strontium isotopic study of plutons and associated rocks of the southern Sierra Nevada and vicinity, California. By R.W. Kistler, and D.C. Ross

U.S. Dept. of the Interior - The role of crustal quartz in controlling Cordilleran deformation



Description: -

Liturgies -- Congresses.

Trinity -- Congresses.

Geological time

Rocks, Igneous - Sierra Nevada Mountain Region

Rubidium-strontium datingA strontium isotopic study of plutons and associated rocks of the southern Sierra Nevada and vicinity,

California. By R.W. Kistler, and D.C. Ross

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Late Cretaceous gravitational collapse of the southern Sierra Nevada batholith, California

Climate change and ensuring that America leads the clean energy transformation : hearing before the Committee on Environment and Public Works, United States Senate, One Hundred Eleventh Congress, first session, August 6, 2009. Incorporation of these assemblages into the batholith may explain the more evolved Nd and Sr isotopic signatures of plutonic rocks in the northern CMB.

New Government Documents added September 2016

Our sample of the tuff of Greenstone Lake, collected at the top of the Koip sequence in Sawmill Canyon, indicates possible minor inheritance and moderate Pb loss, with measured ages of individual grains as young as 185 Ma. Congress The Indian Ocean: political and strategic future : Hearings before the Subcommittee on National Security Policy and Scientific Developments of the Committee on Foreign Affairs, House of Representatives, Ninety-second Congress, first session, July 20, 22, 27, and 28, 1971. Poisson's ratio and crustal seismology.

The mid

Density and lithospheric strength models of the Yellowstone-Snake River Plain volcanic system from gravity and heat flow data.

Geochemical constraints on the petrogenesis of the Salinian arc, central California: Implications for the origin of intermediate magmas

Correlative rocks of Logan Quarry and Gold Hill continue from the southwesternmost Sierra Nevada batholith into adjacent Salinia ; ; . Miller, Geological Society of America Memoir 211. Anthony Lowry and Marta Pérez-Gussinyé show that the abundance of crustal quartz, the weakest mineral in continental rocks, may be a major factor.

Strontium isotopic study of plutons and associated rocks of the southern Sierra Nevada and vicinity, California. Bulletin (Technical Report)

The root zones of continental arcs are thought to be the primary sites of magmatic differentiation, yet few deeply exhumed arc sections are available for direct study. The majority of CMB samples lack the depletion in Eu that would be consistent with equilibration of magmas and plagioclase-bearing crystalline residues or fractionates, suggesting that equilibration took place deeper than the pressure limit of plagioclase stability at 35–40 km depth.

Late Cretaceous gravitational collapse of the southern Sierra Nevada batholith, California

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