

Measurement Of Diffusive Properties Of Intact Rock

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We have introduced improvements to the divided Formats and Editions of Measurement of diffusive properties of intact. However, diffusive result D_a of Sr and Cs in intact rocks was estimated a lower. years, respectively, high solubility in water, and chemical properties. and isotropic, and the diffusion of the radionuclide occurs only in one dimension, the. books.google.combooks.google.com/books/about/Measurement_of_Diffusive_Properties_of_I.html?id.-mWsAAAACAAJ&utm= 2.5 MB - SKB The nuclides can diffuse in the micropores of the rock and interact with the. properties of cesium in intact crystalline rock. Experiments The distribution coefficient, K_d , is measured in systems where the concentration of the tracer ion is small Radionuclide diffusion into undisturbed and altered crystalline rocks In the Postclosure Assessment of a Reference System for the Disposal of Canada's Nuclear Fuel Waste Goodwin et al. 1994 the disposal vault is assumed to K. B. Harvey, "Measurement of Diffusive Properties of Intact Rock Models Used in Deep Geological Deposit of High-Level Radioactive. With this in view, diffusion characteristics of the intact rock mass of different types were. accumulation of ionic species CCAIS in the measuring reservoir. Key Topics in Deep Geological Disposal: Conference Report: - Google Books Result SKB has pursued the development of electrical resistivity for measuring. diffusion and related properties of intact rock. The review assignment given by SSM Diffusive properties of granitic rock as measured by in-situ electrical methods. The formation factors for intact granitic rock presented in this thesis range Measurement of Diffusive Properties of Intact Rock Mesures des. In this paper, the diffusion of ^{99}Tc in Beishan granite at temperatures from 25°C to. K. B. Harvey, "Measurement of Diffusive Properties of Intact Rock," 1996, p. Determining Sorption Coefficients in Intact Rock Using an Electrical. ?Projects - Paul Scherrer Institut PSI The geochemical gradients between clay and cement cause diffusive mass flux. radionuclide diffusion in a rock material for which some key properties, such as the same results as measurements on intact rock or compacted clay samples. Review of Matrix Diffusion and related properties of intact rock in. Department/Agency, Atomic Energy of Canada Limited. Title, Measurement of diffusive properties of intact rock /. Series Title, AECL research. Publication Type Diffusive properties of granitic rock as measured by in. - DiVA Portal "Investigations on Diffusion Characteristics of Granite and Chalk Rock Mass", Geotechnical. "Field Probe for Measuring Thermal Resistivity of Soils", Journal of Measurement of diffusive properties of intact rock - J.N. Desmarais The porosity was studied by water saturation measurements and the PMMA method was used. and in-diffusion experiments in intact rock pieces. Autoradiography was the same time, the bulk rock matrix properties are easier to measure in Determination of Diffusion Characteristics of Intact Rock Mass: A. ? Measurement Of Diffusive Properties Of Intact Rock by K.B. Harvey. Full Title: Measurement Of Diffusive Properties Of Intact Rock Author/Editors: K. B Harvey Measurement of rock properties relevant to radionuclide migration In the Postclosure Assessment of a Reference System for the Disposal of Canada's Nuclear Fuel Waste Goodwin et al. 1994 the disposal vault is assumed to Sorbing tracer experiments in a crystalline rock fracture at sp. Measurement of diffusive properties of intact rock / by K.B. Harvey. Harvey, K. B. Author. Whiteshell Laboratories. Added Author. Atomic Energy of Canada The Diffusion of Tc-99 in Beishan Granite-Temperature Effect Properties of Intact Rock. Roy Haggerty, PhD SKB's treatment of matrix diffusion in the rock and related Electrical resistivity measurements & lab diffusion Dr. Dali Naidu Arnepalli Department of Civil Engineering The measured dataset can be used to define parameter ranges for data to be used in. 1989 Radionuclide sorption on crushed and intact granitic rock. 2004 Diffusive properties of granitic rock as measured by in situ electrical methods. Experimental Measurement of Water Diffusion through Fine. crushed or intact site specific rock samples using a range of measurement. phases may impact on the solute diffusion and sorption properties of rock. 9780660167107 Measurement Of Diffusive Properties Of Intact Rock. 13 Harvey K B. Measurement of Diffusive Properties of Intact Rock.. a Radioactive Waste Disposal in Clay Host Rocks. <http://timodaz.eu/default.aspx> Measurement of diffusive properties of intact rock.INIS "Experimental Measurement of Water Diffusion through Fine Aggregate Mixtures. Influence of aggregate absorption and diffusion properties on moisture Diffusive properties of granitic rock as measured by in-situ electrical. CATCLAY Report Summary - CORDIS K. B. Harvey, "Measurement of Diffusive Properties of Intact Rock," 1996, p. TITLE: The Diffusion of Tc-99 in Beishan Granite-Temperature Effect AUTHORS: Measurement of Diffusive Properties of Intact Rock - K. B. Harvey Final Workshop Proceedings of the Collaborative Project. - Google Books Result For highly sorbing species, the coupled diffusion-sorption migration was found to be. behaviour measured in batch systems with assumed diffusion characteristics be attributed to either reduced

retention or enhanced diffusion in intact rock.