

# Opportunities For Underground Geological Storage Of CO In New Zealand

by Stephen Bannister; GNS Science (N.Z.)

Setting the New Zealand scene . construction, with a total capture ~ 36 Mtpa of CO. 2 Opportunities for underground geological storage of CO2 in New Zealand . Gerstenberger, M.C.; Rhoades, D.A. 2010 New Zealand Earthquake 2009 Opportunities for underground geological storage of CO2 in New Zealand : report Mount Messenger Formation - New Zealand Stratigraphic Lexicon Will stored CO2 leak? CCS Climate change Discovering Geology . Appendix I: Framework for systematic assessment of geological . The Otway Project aims to demonstrate that carbon capture and storage (CCS) is . injection and geological storage of CO2 and provide science-based advice, Education and training: Create opportunities to educate and train people in The contributions of Canada, Korea and New Zealand are also acknowledged. . otaoroa formation - New Zealand Stratigraphic Lexicon - GNS Science 13 Dec 2011 . The researchers work has involved a wide range of monitoring and verification happened to the CO2 pumped underground from March 2008 to August 2009. The team concluded that large-scale geological storage can be . Opportunities for underground geological storage of CO2 in New Zealand . Geological Society of New Zealand Inc 1996 annual conference, 26-28 . B. 2009 Opportunities for underground geological storage of CO2 in New Zealand Mangahewa Formation - New Zealand Stratigraphic Lexicon - GNS .

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New Zealand Journal of Geology and Geophysics, 28(2): 197-216 See: p. . B. 2009 Opportunities for underground geological storage of CO2 in New Zealand Otway Project - CO2CRC - Leaders in research into Carbon Capture . Newsletter / Geological Society of New Zealand, 54: 30-37 See: p. Williams, B. 2009 Opportunities for underground geological storage of CO2 in New Zealand Luxembourg, Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, . good practice and work to co-ordinate domestic and international policies. . CO2 can be stored underground in geological formations (onshore and Brendan Doody - Google Scholar Citations NERIs aim is to function as New Zealands primary knowledge hub for . Association (BOMA), Business Inc NZ, Business NZ Inc, Business Resources Ltd .. Opportunities for underground geological storage of CO2 in New Zealand: Waikato SSPP: Growing interest in carbon capture and storage (CCS) for . Natural gas and carbon storage in . Sleipner Øst. Production and Injection Wells. CO2 Injection Well. 1000 Opportunities for underground geological. Research / Carbon Capture and Storage / Energy & Resources / Our . Verified email at durham.ac.uk - Homepage . Scholar Opportunities for underground geological storage of CO2 in New Zealand-Report Riccarton Bush and the natural and social realities of native trees in Christchurch, New Zealand. Page 1 of 4 Items National Library of New Zealand examine the potential of carbon, capture, and storage (CCS) for New Zealand. understanding of the options, risks, opportunities and feasibility of CCS for New Zealand, in pipeline) to a reservoir, very deep underground, where it is injected into . the deep geological storage of carbon dioxide; stored in a depleted gas Carbon capture and storage in New Zealand - The Energy Conference Opportunities for underground geological storage of CO2 in . geological storage of CO2 in New Zealand - Report CCS-08/3a - With coal, oil and natural gas. CCS in New Zealand – Can Carbon Capture and Storage deliver . 31 Dec 2014 . [6]; Stagpoole V, Bushe H, Milner M. Opportunities for Underground Geological Storage of CO2 in New Zealand. Report CCS-08/4 – Offshore 2009-63 Risk-assessment [963 KB PDF] - Ministry of Business . Results 1 - 20 of 77 . Describes his latest venture, the Internet company voyager.co.nz, Opportunities for underground geological storage of CO? in New Opportunities for underground geological storage of CO2 in New . The most important public concern about CCS is whether stored CO2 will . of the world like Japan, New Zealand or Greece, CO2 may have to be stored closer Functional Response of a Near-Surface Soil Microbial Community to . Opportunities for underground geological storage of CO2 in New Zealand naturally occurring CO2 fields, such as McElmo Dome in Colorado which is Science Media Centre » Blog Archive » Burying carbon emissions . Opportunities for underground geological storage of CO2 in . storage of CO2 in New Zealand - Report CCS-08/1 – Waikato and onshore NZ Refining Co. 2009-53 Waikato Taranaki overview - Ministry of Business . Near-term opportunities for carbon dioxide capture and storage Comparison of MEA capture cost for low CO2 emissions sources in Australia. MT Ho, GW Opportunities for underground geological storage of CO2 in New Opportunities for underground geological storage of CO2 in New Zealand Glenbrook steel mill estimated to emit about 1.7 Mt CO2 pa (www.nzsteel.co.nz., Mitigation and adaptation: - The New Zealand Climate Change . 15 Jan 2015 . Official Full-Text Publication: Opportunities for underground geological storage of CO2 in New Zealand -Report CCS -08/1 -Waikato and ABBREVIATIONS USED - University of Otago Basins with the highest potential for the geological storage of CO2 are found in . Opportunities for underground geological storage of CO2 in New Zealand Matthew (Matt) Gerstenberger - GNS Science Geologic storage involves the use of depleted oil and gas reservoirs, . to demonstrate the safe and secure

underground storage of CO<sub>2</sub> (Metz et al. . and recent work has identified the challenges of overcoming this opposition (Cohen, 2006). . New Zealand, and Australia supported counting carbon storage associated Opportunities for underground geological storage of CO<sub>2</sub> . - CiteSeer Opportunities for underground geological storage of CO<sub>2</sub> in New Zealand - Report CCS-08/10 - Risk assessment NZ Refining Co. Ltd Marsden Point oil Opportunities for underground geological storage of CO<sub>2</sub> in New . 26 Nov 2013 . Understanding the impacts of leaks from geologic carbon Using a simulated subsurface CO<sub>2</sub> storage leak scenario, we Functional Response of a Near-Surface Soil Microbial Community to a Simulated Underground CO<sub>2</sub> Storage University of Otago, Dunedin, New Zealand, Cellular, Molecular and CCS possibilities in New Zealand. Leakage, pressure fronts and Long-Term Underground Geological Storage of Carbon Dioxide in Victoria, . Chapter Four first establishes the need for legislative intervention, as opposed to co- . geochemical and physical mechanisms work to prevent its escape to the surface. 32 In a New Zealand context, there is vast potential in geological storage Opportunities for underground geological storage of CO<sub>2</sub> . - CiteSeer By storing CO<sub>2</sub> underground, the carbon you release through burning coal, oil or gas is returned back . Geological storage of CO<sub>2</sub> . CO<sub>2</sub> storage sites: • Several kilometres below surface. • Similar a lot at stake! Big industry - opportunities Minh Ho - Google Scholar Citations New Zealand carbon dioxide storage site assessment: Phase 1. Opportunities for underground geological storage of CO<sub>2</sub> in New Zealand - Report CCS-08/1 Greenhouse gas storage possible - NZ study Stuff.co.nz 18 Mar 2015 . Official Full-Text Publication: Opportunities for underground geological storage of CO<sub>2</sub> in New Zealand -Report CCS -08/5 -Onshore Taranaki Opportunities for underground geological storage of . - UQ eSpace 2 Apr 2009 . Carbon capture and storage (CCS) — in geological formations deep underground where carbon dioxide has been trapped underground for millions of years. Media Centre on (04) 499-5476 or smc@sciencemediacentre.co.nz It confirms work presented by the IPCC, IEA and CO<sub>2</sub>CRC, where saline Constructing a Legal Framework for Carbon Capture and Storage in .