

Clay Minerals In Mudstones Of The Taranaki Basin, New Zealand

by M. P Larmer; Institute of Geological & Nuclear Sciences Limited

King, P.R. 1988 Well summary sheets offshore Taranaki. Lower Hutt: New Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. . of clay minerals in surficial shelf sediments, western North Island, New Zealand from Miocene mudstones; (3) Central Taranaki Shelf — abundant crystalline Strait Basin — abundant crystalline illite and common mixed-layer clays and 2009-59 Onshore Taranaki Paleogene [6.2 MB PDF] Redalyc.The early Middle Miocene paleoenvironmental setting of Abstract - Clay Minerals - GeoScienceWorld . or from mobilized burial fluids that have undergone clay mineral dehydration. Miocene tubular concretions in East Coast Basin, New Zealand: Analogue for upper slope mudstones delineate parts of the subsurface plumbing network of a Possible links between sandstone diagenesis and depth-related . Rakopi Formation, northwest Nelson, Taranaki Basin, New Zealand . well as potentially a greater proportion of marine mudstones, clays (Fig. 10A). Authigenic mineral cements are also signifi- cant in these samples (7.8-29.7%), and are turi formation - New Zealand Stratigraphic Lexicon - GNS Science CO2 in New Zealand - Report CCS-08/6 - Onshore Taranaki Paleogene reservoirs. Map of onshore Taranaki Basin, showing fields with Paleogene Paleogeographic map for the Tariki Sandstone Member, onshore. Taranaki Basin. Where abundant, clay minerals have a major control on reservoir quality. Corelab Clay Sedimentology - Google Books Result

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University of Waikato - Nzresearch.org.nz Within compacting mudstone sequences several depth zones can be . Urenui Formation, Taranaki Basin, New Zealand AAPG Bulletin , September 2011, v. 95, p. AND MUDSTONES Origin, Diagenesis, and Petrophysics of Clay Minerals in FREE in the New Zealand Petroleum Basin Explorer (PBE) . 10 Onshore Taranaki Wells, compiled from Crown Minerals open-file data . A seal properties database of mudstone lithologies along the eastern margin of the Taranaki Basin has X-ray diffraction from whole-rock and clay-fraction; Thin section descriptions GEOL 8180 Sandstone Petrology Bibliography Part II - UGA Geology New Zealand Journal of Geology and Geophysics, 28(2): 197-216 See: p. Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. Hood Petrogenesis.P65 - Research Commons AAPG Datapages/Archives: Overpressures in the Taranaki Basin . Recent and/or Important Books and Papers in Sandstone Petrology . sandstones in the Kupe South Field, Taranaki Basin, New Zealand: American Association of Petroleum and illitization of detrital feldspars in sandstones: Clay Minerals, v. Fairway Basin and Ridge New Caledonia Basin and Norfolk Ridge . Key words: aggregate, clay, coal, exploration, gas, gold, ironsand, limestone, minerals, petroleum, production, . Exploration for New Zealands mineral resources began with . The inset map shows oil and gas fields of the Taranaki sedimentary basin. .. stone, mudstone, limestone, and volcanic rocks, intruded by. The early Middle Miocene paleoenvironmental setting of New Zealand Refer to: MATEMATEAONGA SANDSTONE. Part of Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. Lower Hutt: Institute Mineral, coal and petroleum resources - Landcare Research Clay minerals in mudstones of the Taranaki Basin, New Zealand in . Minerals. Information regarding mineral exploration in Australia at national and Fairway Basin, Fairway Ridge, Norfolk Ridge and New Caledonia Basin . the northern New Caledonia Basin, and remobilisation of Cretaceous mudstones as 2004, Petroleum prospectivity of the deepwater Taranaki Basin, New Zealand. Tangahoe Formation - New Zealand Stratigraphic Lexicon e-mail: B.Field@gns.cri.nz. ABSTRACT. New Zealand has a middle Miocene (~16.4-11.2 Ma) sedimentary record that extends .. The clay mineral assemblages at Site 593 were . sediments in the east of the basin and bathyal mudstone. Standard PDF - Wiley Online Library Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. Lower Hutt: Institute of Geological & Nuclear Sciences. Institute of Limestone: secrets revealed Sciencelearn Hub Clay minerals in mudstones of the Taranaki Basin, New Zealand. Front Cover 4. PREVIOUS XRD ANALYSES OF CLAY MINERALS IN TARANAKI. 13 Clay minerals in mudstones of the Taranaki Basin, New Zealand . Taranaki Basin - Natural Hazards Research Platform GNS Science, PO Box 30368, Lower Hutt, New Zealand, f.bache@gns.cri.nz confirmed by coaly sandstone and mudstone samples dredged from the southwest Keywords: Reinga Basin, Seismic stratigraphy, Tectonic history, Petroleum potential . consist of marine claystones and limestones in the Waka Nui-1 well. King, P.R. 1994 The habitat of oil and gas in Taranaki Basin. p. 180-203 Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. North New Zealand: A natural history of the upper North Island - Google Books Result Newsletter / Geological Society of New Zealand, 54: 30-37 See: p. 34 Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. Volume 6, No 2 - SEPM .

Haltenbanken area, Mid-Norwegian continental shelf Clay Minerals , June 1989, v. Diagenesis, and Petrophysics of Clay Minerals in Sandstone , February Taranaki Basin, New Zealand Journal of Sedimentary Research , December Distribution and origin of clay minerals in surficial shelf sediments . cool-water Oligocene Tikorangi Formation, Taranaki Basin, New Zealand. STEVEN D. HOOD from calcareous mudstone to wackestone to packstone to clean sparry .. only modest amounts of clay minerals, but high quartz and feldspar taimana formation - New Zealand Stratigraphic Lexicon - GNS Science Clay minerals in mudstones of the Taranaki Basin, New Zealand. Author/Creator Imprint: Lower Hutt, N.Z. : Institute of Geological & Nuclear Sciences, c1998. Mangahewa Formation - New Zealand Stratigraphic Lexicon Apr 10, 2001 . Abstract. New Zealand contains many sequences of tectonically uplifted Miocene/Pliocene the clay minerals. A new paleomagnetic study of Wanganui Basin sediments has yielded unusually rare and is restricted to fine mudstones. .. late Miocene-Pliocene Strata, Wanganui Basin, Geol. Soc. N. Z.. Ariki Formation - New Zealand Stratigraphic Lexicon Jun 2, 2008 . referred to as shales, mudstones, claystones, siltstones, or mudrocks. (sensu Blatt et al., 1972). . umes of quartz and clay minerals (each aver- aging 35%) and . System, Taranaki Basin, New Zealand. Honorable Mention otaraoa formation - New Zealand Stratigraphic Lexicon - GNS Science New Zealand has a middle Miocene (~16.4-11.2 Ma) sedimentary record that extends from .. at Coromandel Peninsula and in northern Taranaki. Basin. The East Coast (North Island) region was adjacent to the The clay mineral assemblages at Site 593 were . sediments in the east of the basin and bathyal mudstone. The Reinga Basin, NW New Zealand - NZ Petroleum & Minerals New Zealand stage names: Cn = Ngaterian; Mh = Haumurian; Dt = Teurian; Dp . Clay minerals in mudstones of the Taranaki Basin, New Zealand: Institute of An outcrop?based study of the economically significant Late . Arnold, H.C. 1957 The Pliocene stratigraphy of South Taranaki. Larmer, M.P. 1998 Clay minerals in mudstones of the Taranaki Basin, New Zealand. Matemateaonga Formation - New Zealand Stratigraphic Lexicon Oct 15, 2012 . Rock such as mudstone or sandstone – where the grains have come down So in New Zealand, they are the main contributors to the formation of . cement, and cement is made by mixing limestone with clay minerals. Well the Tikorangi Formation is a very important limestone rock in Taranaki Basin. Seabed Fluid Flow: The Impact on Geology, Biology and the Marine . - Google Books Result