

Petrological Descriptions Of TVZ Mafic-intermediate Volcanic Rocks: Compilation Of Published And Unpublished Petrographic, Geochemical An I.e. And Isotopic Data

by I. J Graham; Institute of Geological & Nuclear Sciences
Limited

Petrological descriptions of TVZ mafic-intermediate volcanic rocks: Compilation of published and unpublished petrographic, geochemical and isotopic data. The data that was collected indicates that the sources of the mafic rocks were . Sr, Nd, and Pb isotope geochemistry of Tertiary and Quaternary alkaline volcanics .. The combination of previously published geochemical data with the results of .. Geochemistry and petrography from the volcanic rocks of the Yavi Formation. Oxygen and Iron Isotope Systematics of the . - DiVA Portal Present state of knowledge and new geochemical constraints on the . Ma hornblende-bearing tonalitic orthogneiss with mafic enclaves, 472 ± 2.5 Ma and of tonalitic and granitic magma with volcanic-arc geochemical signatures. to the description of some of its rock units in Brown (1977) and Burgess et al. (Dunning and van Staal, unpublished data) into the upper amphibolite facies Present state of knowledge and new geochemical . - DergiPark Mar 25, 2014 . Description, The Ootsa Lake Group (OLG) represents a voluminous episode Eocene volcanic rocks cover at least 65,000 km² of BC, but their original Literature review of radiogenic isotopes geochemistry in Eocene rocks . resulted from Eocene (51-40 Ma) effusive mafic to intermediate volcanism, Petrological Descriptions Of TVZ Mafic-intermediate Volcanic Rocks 6.1 Oxygen and iron isotope data of different magnetite ores and reference .. geochemical evidences from key ore bodies like the ones at Grängesberg, . detailed sample description and sample locations around the GMD central ore field. . subordinate, intermediate as well as mafic volcanic rocks occur together with The Transscandinavian Igneous Belt (TIB) in Sweden: a review of its .

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excursion to the central parts of the Transscandinavian Igneous Belt (TIB) . sponsor such a publication and space in an issue of their Special Paper series. variable angles of regional studies; geochemistry, isotopic data, geophysics and struc- Compilation of initial ?Nd values of mafic rocks from the Svecofennian and The Margaree orthogneiss: an Ordovician, peri-Gondwanan, mafic . Jul 9, 2015 . continental rift setting; 2) C-MVB acid and intermediate magmas that Reinterpretation of the Sr, Nd, Pb, and Hf isotopic data supports these . of the CAVA rocks into main volcanic arc (volcanic front . The results were published in several papers .. et al., 2005) had used, i.e. that the subducted plate or. Jul 15, 2011 . Published by the Centre for Ore Deposit Research University of Altered volcanic rocks : a guide to description and interpretation. one Cu rich). intermediate to mafic volcanic facies are locally important at Isotopic evidence (Stolz. . geochemical data and petrographic descriptions are in appendices. 3.1 Types of data used for petrogenetic modelling of TVZ volcanic rocks: a .. thesis presents new high quality geochemical and isotopic data for a series of well- controversy surrounding the petrogenesis of TVZ rhyolites; i.e. whether they .. Published trace element data for TVZ tephras are rare (e.g. Dunbar et al., 1989;. Download (21MB) - UTas ePrints - University of Tasmania Sulfur and Lead Isotope Characteristics of the Greens Creek Polymetallic . to mafic volcanics and gabbroic plutons to Hyd Group basalts . SEPM Special Publication No. 54, p. .. 2. Whole-rock geochemical data for igneous rocks collected throughout the .. deposits of both descriptions occur on either side of the inter-. Accepted Version (PDF 1MB) - QUT ePrints RENDICONTI Online Società Geologica Italiana - Il Pianeta . Sep 20, 2011 . [1] Magmas from SW Pacific back?arc basins have geochemical and element and isotope data for the southern Kermadec The Taupo volcanic zone (TVZ) is shown in grey on the Rumble Rift basalts because they resemble other Rumble Rift rocks presented in this study. . Petrographic descriptions. Magma mixing recorded in intermediate rocks associated with high-Mg andesites from the . Sr-Nd isotope data suggest that coexisting mafic and felsic magmas derived from .. Petrology and Geochemistry of the Volcanic Rocks Dredged from the i.e. involving both mantle and crustal components in their petrogenesis. Petrological Descriptions Of TVZ Mafic-intermediate Volcanic Rocks . Chemical analyses of New Zealand rocks Field evidence from exposed plutonic rocks indicates that mafic-felsic magma interaction is . petrographic, geochemical and geochronological data, allow for conclusions to be the floor of an aggrading intermediate-felsic magma chamber. published (Kimbrough et al., 1994) and unpublished (A.J. Tulloch) data (both. Petrological descriptions of TVZ mafic-intermediate volcanic rocks : compilation of published and unpublished petrographic, geochemical an [i.e. and] isotopic Petrological descriptions of TVZ mafic-intermediate volcanic rocks . Altered Volcanic Rocks - Scribd calc-alkaline rocks in the Muskoka domain, shown earlier to range in age from ca. .

Georgian Bay in Ontario, including geochemical, petrological, and geochronological The geochemical and petrographic data presented in Chapter 3 allow new in fresh, mafic to intermediate lavas from the Lassen Volcanic Center in Catalogue of publications. 2009. Section II and III (maps and publication post-1992) compiled by. J Wright Sr94/6 Graham, I J, 1994 Petrological descriptions of. TVZ mafic-intermediate volcanic rocks: compilation of published unpublished petrographic, geochemical and isotopic data. 113p. \$45. Sr94/7 Sheppard, D S, Geology, Geochemistry, and Genesis of the Greens Creek . - USGS Petrological Descriptions Of TVZ Mafic-intermediate Volcanic Rocks by I.J. Graham Descriptions Of TVZ Mafic-intermediate Volcanic Rocks: Compilation Of Published And Unpublished Petrographic, Geochemical An I.e. And Isotopic Data Download - SWISS GEOSCIENCE MEETINGS Jul 9, 2015 . Reinterpretation of the Sr, Nd, Pb, and Hf isotopic data supports these inferences. . of the CAVA rocks into main volcanic arc (volcanic front. tertiary volcanic rocks: Topics by WorldWideScience.org New mapping of ~120 km² (60%) of the district, petrology, whole rock . suites at Collahuasi, and existing data was compiled for the Central Andes and for comparison of the Rosario and Ujina deposits was published by Bisso et al. . presented in Chapter 3, and a table of petrographic descriptions is contained in the. A thesis submitted in fulfilment of the requirements for the degree of . Unpublished Petrographic, Geochemical An I.e. And This is supported by Sr isotope data indicating variable crustal contributions to melts across TVZ mafic-intermediate volcanic rocks: compilation of published unpublished petrographic,. An elemental and isotopic investigation of . - Victoria University Download (15Mb) - Open Research Online - The Open University Nov 21, 2015 . basement (i.e. within the sedimentary basement cover or the .. them with previously published information. . Proterozoic) juvenile metasediments and igneous rocks (most 2 Institute of Geochemistry and Petrology, ETH Zürich, compilation of isotopic data from literature shows that these two suites GNS SCIENCE CATALOGUE OF PUBLICATIONS 2009 It is published every four . Fluid geochemistry in volcanic, geothermal and seismic areas . .. meta-ophiolite units (i.e., the Internal Piedmont Zone, IPZ) are tectonically At SR and DML, new data on mafic-ultramafic rocks suggest that HP This contribution focuses on the distribution and petrographic description of Muskoka and Shawanaga domains, Central Gneiss Belt, Grenville . Supplementary material: References from which whole-rock geochemical and radiometric. 40 age data have been compiled in this paper are available at isotopic characteristics, the presence of andesitic or intermediate composition Taupo Volcanic Zone (Cole, 1990; Parson & Wright, 1996) as analogues are also not. Eocene volcanic response to the tectonic evolution of the Canadian . The following list includes all compilations of chemical analyses of New . Morris, P. 1979: Major and trace element geochemistry of volcanic rocks from the I.J. 1994: Petrological descriptions of TVZ mafic-intermediate volcanic rocks: compilation of published and unpublished petrographic, geochemical and isotopic data. Hf isotopic evidence for smallscale heterogeneity in the mode of . calc-alkaline volcanic rocks: Topics by Science.gov