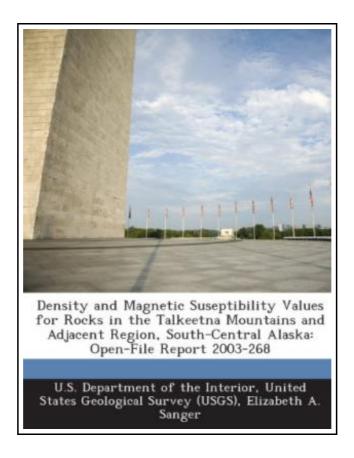
### Density and Magnetic Suseptibility Values for Rocks in the Talkeetna Mountains and Adjacent Region, South-Central Alaska: Open-File Report 2003-268



Filesize: 3.06 MB

#### Reviews

It in a of the most popular pdf. It really is full of knowledge and wisdom Its been developed in an exceptionally easy way and it is just right after i finished reading through this publication by which really altered me, alter the way in my opinion.

(Dr. Alexa Rogahn)

# DENSITY AND MAGNETIC SUSEPTIBILITY VALUES FOR ROCKS IN THE TALKEETNA MOUNTAINS AND ADJACENT REGION, SOUTH-CENTRAL ALASKA: OPEN-FILE REPORT 2003-268



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This report presents a compilation and statistical analysis of 306 density and 706 magnetic susceptibility measurements of rocks from south-central Alaska that were collected by U.S. Geological Survey (USGS) and Alaska Division of Geological and Geophysical Surveys (ADGGS) scientists between the summers of 1999 and 2002. This work is a product of the USGS Talkeetna Mountains Transect Project and was supported by USGS projects in the Talkeetna Mountains and Iron Creek region, and by Bureau of Land Management (BLM) projects in the Delta River Mining District that aim to characterize the subsurface structures of the region. These data were collected to constrain potential field models (i.e., gravity and magnetic) that are combined with other geophysical methods to identify and model major faults, terrane boundaries, and potential mineral resources of the study area. Because gravity and magnetic field anomalies reflect variations in the density and magnetic susceptibility of the underlying lithology, these rock properties are essential components of potential field modeling. In general, the average grain density of rocks in the study region increases from sedimentary, felsic, and intermediate igneous rocks, to mafic igneous and metamorphic rocks. Magnetic susceptibility measurements performed on rock outcrops and hand samples from the study area also reveal lower magnetic susceptibilities for sedimentary and felsic intrusive rocks, moderate susceptibility values for metamorphic, felsic extrusive, and intermediate igneous rocks, and higher susceptibility values for mafic igneous rocks. The density and magnetic properties of rocks in the study area are generally consistent with general trends expected for certain rock types.

- Read Density and Magnetic Suseptibility Values for Rocks in the Talkeetna Mountains and Adjacent Region, South-Central Alaska: Open-File Report 2003-268 Online
- Download PDF Density and Magnetic Suseptibility Values for Rocks in the Talkeetna Mountains and Adjacent Region, South-Central Alaska: Open-File Report 2003-268

#### You May Also Like



#### The Battle of Eastleigh, England U.S.N.A.F., 1918

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.6in. x 7.3in. x 0.2in.This historic book may have numerous typos and missing text. Purchasers can download a free scanned...

Save Book »



#### Next 25 Years, The: The New Supreme Court and What It Means for Americans

SEVEN STORIES PRESS, 2008. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your...

Save Book »



#### Edgar Gets Ready for Bed: A BabyLit First Steps Picture Book

Gibbs M. Smith Inc, United States, 2014. Board book. Book Condition: New. New..  $254 \times 241$  mm. Language: English . Brand New Book. Meet the plucky toddler Edgar the Raven! He s mischievous, disobedient, and...

Save Book »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Save Book »



## Help! I'm a Baby Boomer (Battling for Christian Values Inside America's Largest Generation

Victor Books, 1989. Trade Paperback. Book Condition: New. Second Printing. 8vo - over 7¾" - 9¾" Tall. Buy with confidence from "Your neighborhood book store, online (tm) - Since 1997 delivering quality books to our...

Save Book »