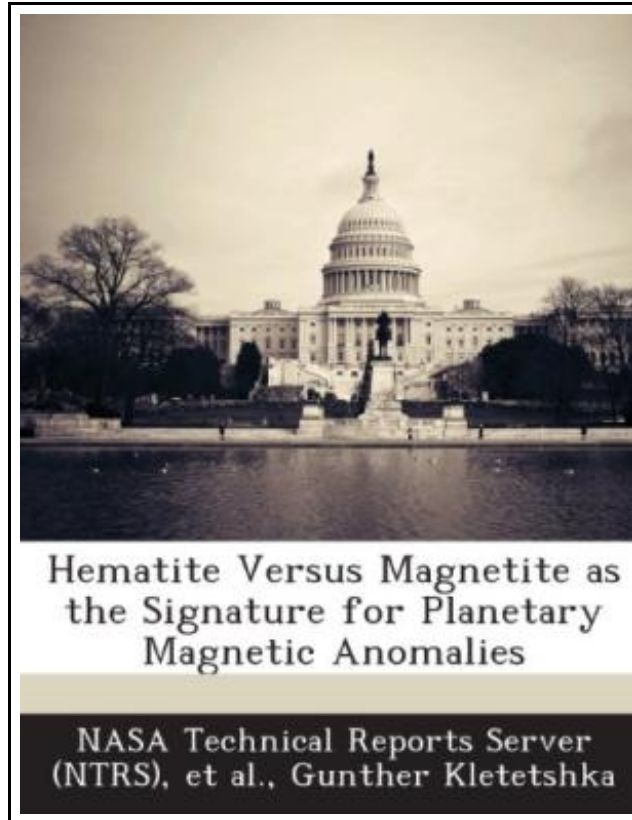


Hematite Versus Magnetite as the Signature for Planetary Magnetic Anomalies



Filesize: 3.42 MB

Reviews

If you need to adding benefit, a must buy book. It really is writter in straightforward words and phrases rather than difficult to understand. Your life period is going to be change the instant you total reading this ebook.

(Letha Okuneva)

HEMATITE VERSUS MAGNETITE AS THE SIGNATURE FOR PLANETARY MAGNETIC ANOMALIES



BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 26 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Crustal magnetic anomalies are the result of adjacent geologic units having contrasting magnetization. This magnetization arises from induction and/or remanence. In a planetary context we now know that Mars has significant crustal magnetic anomalies due to remanent magnetization, while the Earth has some anomalies where remanence can be shown to be important. This picture, however, is less clear because of the nature and the magnitude of the geomagnetic field which is responsible for superimposed induced magnetization. Induced magnetization assumes a magnetite source, because of its much greater magnetic susceptibility when compared with other magnetic minerals. We investigated the TRM (thermoremanent magnetization) acquisition of hematite, in weak magnetic fields up to 1 mT, to determine if the remanent and induced magnetization of hematite could compete with magnetite. TRM acquisition curves of magnetite and hematite show that multi-domain hematite reaches TRM saturation (0.3 - 0.4 A sq mkg) in fields as low as 100 microT. However, multi-domain magnetite reaches only a few percent of its TRM saturation in a field of 100 microT (0.02 - 0.06 A sq mkg). These results suggest that a mineral such as hematite and, perhaps, other minerals with significant remanence and minor induced magnetization may play an important role in providing requisite magnetization contrast. Perhaps, and especially for the Mars case, we should reevaluate where hematite and other minerals, with efficient remanence acquisition, exist in significant concentration, allowing a more comprehensive explanation of Martian anomalies and better insight into the role of remanent magnetization in terrestrial crustal magnetic anomalies. This item ships from La Vergne, TN. Paperback.

-  [Read Hematite Versus Magnetite as the Signature for Planetary Magnetic Anomalies Online](#)
-  [Download PDF Hematite Versus Magnetite as the Signature for Planetary Magnetic Anomalies](#)

Relevant Kindle Books



Animalogy: Animal Analogies

Sylvan Dell Publishing. Paperback. Book Condition: New. Cathy Morrison (illustrator). Paperback. 32 pages. Dimensions: 9.8in. x 8.4in. x 0.4in. Compare and contrast different animals through predictable, rhyming analogies. Find the similarities between even the most incompatible...

[Read PDF »](#)



Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in. Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

[Read PDF »](#)



The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in. Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we...

[Read PDF »](#)



The Stories Julian Tells A Stepping Stone Book™

Random House Books for Young Readers. Paperback. Book Condition: New. Ann Strugnell (illustrator). Paperback. 80 pages. Dimensions: 7.6in. x 5.0in. x 0.4in. Julian is a quick fibber and a wishful thinker. And he is great at...

[Read PDF »](#)



Absolutely Lucy #4 Lucy on the Ball A Stepping Stone Book™

Random House Books for Young Readers. Paperback. Book Condition: New. David Merrell (illustrator). Paperback. 112 pages. Dimensions: 7.4in. x 5.1in. x 0.4in. Ilene Coopers fourth story of a boy and his beagle takes Bobby and Lucy...

[Read PDF »](#)

**The Adventures of a Plastic Bottle: A Story about Recycling**

SIMON SCHUSTER, United States, 2009. Paperback. Book Condition: New. Children s Tk, Pete Whitehead (illustrator). Original ed.. 203 x 196 mm. Language: English . Brand New Book. Learn about recycling from a new perspective! Peek

[Read eBook »](#)

**Multiple Streams of Internet Income**

Wiley. Hardcover. Book Condition: New. Hardcover. 279 pages. Dimensions: 9.3in. x 6.2in. x 1.2in.Praise for MULTIPLE STREAMS OF INTERNET INCOMEIf ever the world needed some help to succeed on the Internet, this is the moment.

[Read eBook »](#)

**Silverlight 5 in Action**

Manning Publications. Paperback. Book Condition: New. Paperback. 1000 pages. Dimensions: 9.2in. x 7.3in. x 2.0in.Summary A thorough revision of the bestselling Silverlight 4 in Action. This comprehensive guide teaches Silverlight from the ground up, covering

[Read eBook »](#)

**The Poems and Prose of Ernest Dowson**

Book Jungle. Paperback. Book Condition: New. Paperback. 200 pages. Dimensions: 9.2in. x 7.5in. x 0.5in.The Poems and Prose of Ernest Dowson The Project Gutenberg EBook of The Poems And Prose Of Ernest Dowson by Ernest

[Read eBook »](#)

**The Pickthorn Chronicles**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 112 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.Pickthorn has selected some great stories as a sequel to his first book,

[Read eBook »](#)