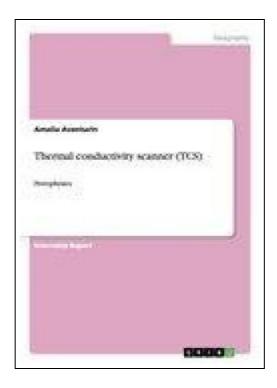
## Thermal conductivity scanner (TCS): Petrophysics



Filesize: 1.96 MB

### Reviews

An exceptional ebook and also the typeface applied was intriguing to read through. I have got read and i also am sure that i am going to likely to go through yet again once more in the foreseeable future. I discovered this pdf from my dad and i advised this ebook to find out. (Dr. Raven Ledner)

#### THERMAL CONDUCTIVITY SCANNER (TCS): PETROPHYSICS



To read **Thermal conductivity scanner (TCS): Petrophysics** PDF, remember to follow the button beneath and download the ebook or get access to additional information which are have conjunction with THERMAL CONDUCTIVITY SCANNER (TCS): PETROPHYSICS book.

GRIN Publishing Apr 2014, 2014. sonst. Bücher. Condition: Neu. Neuware - Internship Report from the year 2013 in the subject Geography / Earth Science - Miscellaneous, grade: 2,0, RWTH Aachen University (Lehrstuhl für Geologie, Geochemie und Lagerstätten des Erdöls und der Kohle), course: Petrophysics Practical Course, language: English, abstract: The thermal conductivity scanner (or TCS) measures the thermal conductivity (W/m K) via optical scanning method. In Figure 1 is a picture of the measurement shown. The thermal conductivity is a material property. High values are used for cooling systems to transport heat away from the material in a short time (e.g. fringes); low values are used as insulators, e.g. thermos flasks. With this method the heater and the detectors where moved along the sample from the right to the left. A sensor measures within the moving first the 'cold' conductivity of the sample. Than the heater follows and a last sensor measures after the heating of 25°C the conductivity of the sample again. Before and after the sample are two reference sources laid with a defined thermal conductivity. These reference sources are need for the sensor calibration, too. To avoid errors there has always to be a gap of a few centimeters between the reference blocks and the measured sample. For the measuring the samples and the reference sources have to be colored with a thick black line to avoid overheating and reflection by lighter samples. The opening has to be covered completely by the painted part of the sample. To control this was a mirror underneath the apparatus. [.] 20 pp. Englisch.



Read Thermal conductivity scanner (TCS): Petrophysics Online Download PDF Thermal conductivity scanner (TCS): Petrophysics

### You May Also Like



#### [PDF] Flappy the Frog: Stories, Games, Jokes, and More!

Follow the web link under to get "Flappy the Frog: Stories, Games, Jokes, and More!" file.

Read ePub

**>>** 



#### [PDF] Hoppy the Happy Frog: Short Stories, Games, Jokes, and More!

Follow the web link under to get "Hoppy the Happy Frog: Short Stories, Games, Jokes, and More!" file.

Read ePub

>>



#### [PDF] Ellie the Elephant: Short Stories, Games, Jokes, and More!

Follow the web link under to get "Ellie the Elephant: Short Stories, Games, Jokes, and More!" file.

Read ePub

...



#### [PDF] Happy Monsters: Stories, Jokes, Games, and More!

Follow the web link under to get "Happy Monsters: Stories, Jokes, Games, and More!" file.

Read ePub

\*



## [PDF] California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Follow the web link under to get "California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" file.

Read ePub

»



# [PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Follow the web link under to get "Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" file.

Read ePub

>>