



Compressional and Shear Wave Velocity Versus Depth in the San Francisco Bay Area, California: Rules for USGS Bay Area Velocity Model 05.0.0: USGS Open-File Report 2005-1317

U.S. Department of the Interior, United States Geological Survey (USGS), Thomas M. Brocher



[DOWNLOAD PDF](#)

Compressional and Shear Wave Velocity Versus Depth in the San Francisco Bay Area, California: Rules for USGS Bay Area Velocity Model 05.0.0: USGS Open-File Report 2005-1317 (Paperback)

By Thomas M Brocher

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This report summarizes and documents empirical compressional wave velocity (Vp) versus depth relationships for several important rock types in northern California used in constructing the new USGS Bay Area Velocity Model 05.0.0 [// These rock types include the Jurassic and Cretaceous Franciscan Complex (metagraywacke and greenstones), serpentinites, Cretaceous Salinian and Sierra granites and granodiorites, Jurassic and Cretaceous Great Valley Sequence, and older Cenozoic sedimentary rocks (including the La Honda basin). Similar relations for less volumetrically important rocks are also developed for andesites, basalts, gabbros, and Sonoma Volcanics. For each rock type I summarize and plot the data used to develop the velocity versus depth relationships. These plots document the existing constraints on the proposed relationships. This report also presents a new empirical Vp versus depth relation derived from hundreds of measurements in USGS 30-m vertical seismic profiles (VSPs) for Holocene and Plio-Quaternary deposits in the San Francisco Bay area. For the upper 40 m (0.04 km) these mainly Holocene deposits, can be approximated by Vp (km/s) = 0.7 + 42.968z - 575.8z² + 2931.6z³ - 3977.6z⁴, where...

Reviews

The book is simple in read through safer to understand. I could comprehended everything out of this published e pdf. I discovered this book from my i and dad advised this pdf to learn.

-- **Maud Kulas I**

Complete guide for publication fanatics. It is full of knowledge and wisdom You will not really feel monotony at at any time of your respective time (that's what catalogues are for about should you question me).

-- **Arely Dare**

You May Also Like



[Ohio Court Rules 2013, Practice Procedure \(Paperback\)](#)

Createspace, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. Superseded by 2014 Edition. This title is available, but should be relied upon solely for purposes of historical reference...



[Froebel's Occupations \(Paperback\)](#)

Theclassics.Us, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



[Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . \(Paperback\)](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



[Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers \(Paperback\)](#)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



[Variations on an Original Theme Enigma , Op. 36: Study Score \(Paperback\)](#)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Dedicated to my friends pictured within, Elgar's orchestral showpiece started life as a simple improvisation at the...



[Ohio Court Rules 2014, Practice Procedure \(Paperback\)](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Ohio Court Rules 2014, Practice Procedure, contains all of the procedural rules you need for the daily practice of law...