

Near-Surface Shear Wave Velocity Versus Depth Profiles, Vs30, and Nehrp Classifications for 27 Sites in Puerto Rico: Open-File Report 2007-1174 (Paperback)



Filesize: 6.75 MB

Reviews

This sort of pdf is everything and got me to searching forward and a lot more. Of course, it is engage in, nevertheless an interesting and amazing literature. I realized this ebook from my i and dad encouraged this book to find out.

(Miss Bella Volkman Sr.)

NEAR-SURFACE SHEAR WAVE VELOCITY VERSUS DEPTH PROFILES, VS30, AND NEHRP CLASSIFICATIONS FOR 27 SITES IN PUERTO RICO: OPEN-FILE REPORT 2007-1174 (PAPERBACK)



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.In 2004 and 2005 the Puerto Rico Seismic Network (PRSN), Puerto Rico Strong Motion Program (PRSM) and the Geology Department at the University of Puerto Rico-Mayaguez (UPRM) collaborated with the U.S. Geological Survey to study near-surface shear-wave (V_s) and compressional-wave (V_p) velocities in and around major urban areas of Puerto Rico. Using noninvasive seismic refraction-reflection profiling techniques, we acquired velocities at 27 locations. Surveyed sites were predominantly selected on the premise that they were generally representative of near-surface materials associated with the primary geologic units located within the urbanized areas of Puerto Rico. Geologic units surveyed included Cretaceous intrusive and volcanoclastic bedrock, Tertiary sedimentary and volcanic units, and Quaternary unconsolidated eolian, fluvial, beach, and lagoon deposits. From the data we developed V_s and V_p depth versus velocity columns, calculated average V_s to 30-m depth ($VS30$), and derived NEHRP (National Earthquake Hazards Reduction Program) site classifications for all sites except one where results did not reach 30-m depth. The distribution of estimated NEHRP classes is as follows: three class E ($VS30$ below 180 m/s), nine class D ($VS30$ between 180 and 360 m/s), ten class C ($VS30$ between 360 and 760 m/s), and four class B ($VS30$ greater than 760 m/s). Results are being used to calibrate site response at seismograph stations and in the development of regional and local shakemap models for Puerto Rico.

-  [Read Near-Surface Shear Wave Velocity Versus Depth Profiles, Vs30, and Nehrp Classifications for 27 Sites in Puerto Rico: Open-File Report 2007-1174 \(Paperback\) Online](#)
-  [Download PDF Near-Surface Shear Wave Velocity Versus Depth Profiles, Vs30, and Nehrp Classifications for 27 Sites in Puerto Rico: Open-File Report 2007-1174 \(Paperback\)](#)

Other Kindle Books



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...

[Read Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Read Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

[Read Book »](#)



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...

[Read Book »](#)



Ohio Court Rules 2012, Government of Bench Bar (Paperback)

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Superseded by 2013 Edition. This title is available, but should be relied upon...

[Read Book »](#)