# CZO Metadata Worksheet

|  |  |
| --- | --- |
| Data File Name | Geophysics—Wireline Logs |
| Date Prepared | 1/19/11 |
| Descriptive Title | Shale Hills CZO borehole wireline logs (Level 0) |
| Update Frequency | Campaign data—not updated |
| Abstract |  |
| Investigator  Contact Info | Dr. Kamini Singha, Assistant Professor of Geosciences, The Pennsylvania State University, 311 Deike Building, University Park, PA 16802, (814) 863-6649  ksingha@psu.edu |
| Data Value Descriptions | * File format is standard Schlumberger format for wireline logs. The .las files are text files with headers denoting column data and units. The depths HAVE NOT been corrected for the tool length—that length can be found in the .tfd files (also a text file, search for “ToolLength”) and subtracted from the depths. The only file type that is not text is the Optical Borehole Imaging (aka optical televiewer)—these data must be read using a software package like WellCad. |
| Keywords | Natural gamma, heat pulse flowmeter, optical borehole imaging, single point resistance, and temperature fluid resistivity |
| Methods | * Natural gamma, heat pulse flowmeter, optical borehole imaging, single point resistance, and temperature fluid resistivity were collected with Mt. Sopris tools: http://www.mountsopris.com/ . |
| Citation | The following acknowledgment should accompany any publication or citation of these data: Logistical support and/or data were provided by the NSF-supported Shale Hills Susquehanna Critical Zone Observatory. |
| Publications | Kuntz, B., Rubin, S., Berkowitz, B., and Singha, K. (submitted) Laboratory, Field, and Modeling Analysis of Solute Transport Behavior at the Shale Hills Critical Zone Observatory. Submitted to Vadose Zone Journal. |
| Data Use Notes | The user of Shale Hills Susquehanna CZO data agrees to provide proper acknowledgment with each usage of the data. Citation of the name(s) of the investigator(s) responsible for the data set, in addition to the generic statement above, constitutes proper acknowledgment. Author(s) (including Shale Hills Susquehanna CZO investigators) of published material that makes use of previously unpublished Shale Hills Susquehanna CZO data agree to provide the Shale Hills Susquehanna CZO data manager with four (4) copies (preferably reprints) of that material for binding as soon as it becomes available. The user of Shale Hills Susquehanna CZO data agrees not to resell or redistribute shared data. The user of these data should be aware that, while efforts have been taken to ensure that these data are of the highest quality, there is no guarantee of perfection for the data contained herein and the possibility of errors exists. These data are defined as either public or private, such that a password may be required for access. |