EXPLANATION OF DATA IN **Piezometer+Soil Mois+ Movment_DATA.xls**

Data for this project are summarized in the Microsoft Excel spreadsheet file **Piezometer+Soil Mois+ Movment_DATA.xls**. Table 1 lists all workbooks (column headings) within the spreadsheet file and their data fields. Refer to the main text of the report, Figure 1, for locations of boreholes and description of data acquisition technology. Separate workbooks address data from different instrumental arrangements for data acquisition, as discussed in the text of this report. See Schulz and Ellis (2007) http://pubs.usgs.gov/of/2007/1127/downloads/Appendix_A.xls, for detailed explanation of data in the last four workbooks for data collected November 20, 2005, to April 2007. Some column headings are slightly modified from Schulz and Ellis to accommodate naming conventions in this report. Numbers in meters in the data field names refer to depth below ground surface to piezometer tips. Abbreviations are as follows:

Pptn	=	Precipitation from rain gauge
Piez	=	Piezometer
mH_2O	=	Pressure equivalent in meters of water above the piezometer
LT1, LT2, LT3 (inches) or (cm)	=	Inches or cm of extensometer cable measured by hand between well head and marker point on cable. Movement causes the distance to decrease.
Temp (deg C)	=	Temperature in degrees Centigrade
Freq	=	Frequency
Disp	=	Displacement of slide from extensometer using an automated wire and pulley system.
Baro	=	Barometric correction in meters of water for piezometric pressure data (subtract from piezometer data to correct for barometric effects).
Khz	=	Kilohertz
Freq	=	Frequency

Table 1. Data fields for workbooks in the spreadsheet file. Workbook names are the column headings.

2002 to 11-19-04 Pptn+Piezo	**2002 Inclinometer Displacements**	**2002 to 11-19-04 Extensometers**	**11-04_12-12-06 LT-1 piez+exten**	**11-04 to 12-12-06 LT-2+3 piez+**	**12-06 to 4-1-07 LT-1 piez+**	**12-06 to 4-1-07 LT-2+3 piez+**
Date and time	**Axis**	Date	Date and time	Date and time	Date and time	Date and time
Pptn (mm)	**Azimuth**	LT1 (inches)	year	Year	year	Year
piez LT-2p 24.7 m (mH2O)	**Date**	LT2 (inches)	Julian day	Julian Day	Julian day	Julian Day
piez LT-2p 16.7m (mH2O)	`-	LT3 (inches)	hour	hour	hour	hour
piez LT-3p 5.5 m (mH2O)	`-	LT1 (cm)	piez temp LT-1p (deg.C)	piez temp LT-2p (degC)	piez temp LT-1p (deg.C)	piez temp LT-2p (degC)
		LT2 (cm)	freq LT-1p (kHz)	piez temp LT-3p (deg C)	freq LT-1p (kHz)	piez temp LT-3p (deg C)
		LT3 (cm)	piez LT-1p (mH2O)	freq LT-2p (kHz)	piez LT-1p (mH2O)	freq LT-2p (kHz)
			disp LT-1	freq LT-	disp LT-1	freq LT-3p

2002 to 11-19-04 Pptn+Piezo	2002 Inclinometer Displacements	2002 to 11-19-04 Extensometers	11-04_12-12-06 LT-1 piez+exten	11-04 to 12-12-06 LT-2+3 piez+	12-06 to 4-1-07 LT-1 piez+	12-06 to 4-1-07 LT-2+3 piez+
			(cm)	3p (kHz)	(cm)	(kHz)
			battery (volts)	piez LT-2p (mH2O)	battery (volts)	piez LT-2p (mH2O)
				piez LT-3p (mH2O)	WC-1s water content, 1.5m depth (vol %/100)	piez LT-3p (mH2O)
				disp LT-2 (cm)	WC-1d water content, 2.4m depth (vol %/100)	disp LT-2 (cm)
				disp LT-3 (cm)	LT-1a 3.4m (kHz)	disp LT-3 (cm)
				air temp (deg C)	LT-1a 3.4m (deg C)	air temp (deg C)
				battery (volts)	LT-1a 9.1m (kHz)	battery (volts)
				precip (mm)	LT-1a 9.1m (deg C)	precip (mm)
					LT-1a 15.2m (kHz)	WC-3s water content, 1.6m depth (vol %/100)
					LT-1a 15.2m (deg C)	WC-3d water content, 3.1m depth (vol %/100)
					LT-1a 21.3m (kHz)	LT-2a 3m (kHz)
					LT-1a 21.3m (deg C)	LT-2a 3m (degC)
					LT-1a 24.1m (kHz)	LT-2a 6.1m (kHz)
					LT-1a 24.1m (deg C)	LT-2a 6.1m (deg C)
					LT-1a 26.2m (kHz)	LT-2a 10.7m (kHz)
					LT-1a 26.2m (deg C)	LT-2a 10.7m (deg C)
					LT-1a barometer (kHz)	LT-2a 13.7m (kHz)
					LT-1a	LT-2a 13.7m

2002 to 11-19-04 Pptn+Piezo	2002 Inclinometer Displacements	2002 to 11-19-04 Extensometers	11-04_12-12-06 LT-1 piez+exten	11-04 to 12-12-06 LT-2+3 piez+	12-06 to 4-1-07 LT-1 piez+	12-06 to 4-1-07 LT-2+3 piez+
					barometer (deg C)	(deg C)
						LT-2a 16.8m (kHz)
					LT-1a Piezo 3.4m (m H2O)	LT-2a 16.8m (deg C)
					LT-1a Piezo 9.1m (m H2O)	LT-2a 19.2m (kHz)
					LT-1a Piezo 15.2m (m H2O)	LT-2a 19.2m (deg C)
					LT-1a Piezo 21.3m (m H2O)	VWP B-4 m (kHz)
					LT-1a Piezo 24.1m (m H2O)	VWP B-4 (deg C)
					LT-1a Piezo 26.2m (m H2O)	VWP B-5 m (kHz)
					LT-1a baro (m H2O)	VWP B-5 (deg C)
					comments	
						LT-2a Piezo 3.0m (m H2O)
						LT-2a Piezo 6.1m (m H2O_)
						LT-2a Piezo 10.7m (m H2O)
						LT-2a Piezo 13.7m (m H2O)
						LT-2a Piezo 16.8m (m H2O)
						LT-2a Piezo 19.2m (m H2O)
						B-4 Piezo (m H2O)
						B- 5 Piezo (m H2O)
						comments

REFERENCE

Schulz, W. H., and Ellis, W. L., 2007, Preliminary results of subsurface exploration and monitoring at the Johnson Creek landslide, Lincoln County, Oregon: U.S. Geological Survey Open-File Report 2007-1127, 11 p., 1 appendix.