PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: X+M

Date (UTC): 2016 March 9 **Time (UTC):** 9:38 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 101
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1144
Site and soil condition:	soil, rocky
Stake (color and label) or NONE	R01
Approximate distance to DAS cable	meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.79862
Realized Latitude: DD.mmmm	W 119.00645
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #1
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1733 **N-S:** 1745 **E-W:** 1713
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	11:07	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 Time (UTC): 9:31 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1002
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1185
Site and soil condition:	sandy
Stake (color and label) or NONE	RD
Approximate distance to DAS cable	2 meters
Burial Information:	**Above ground:** 3 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.79910
Realized Latitude: DD.mmmm	W 119.00600
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1750 **N-S:** 1733 **E-W:** 1731
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1263

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	11:06	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 8:58 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1003
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	192
Site and soil condition:	sand, clay
Stake (color and label) or NONE	PO3
Approximate distance to DAS cable	40 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N39.19960
Realized Latitude: DD.mmmm	W 119.00552
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #1
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 174 **N-S:** 172 **E-W:** 174
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1265

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	11:02	yes

near T51 collapse structure width ~1m observed 20160314 by Ford and Parker with photos

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 10:16 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1004
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1149
Site and soil condition:	Sand
Stake (color and label) or NONE	R04
Approximate distance to DAS cable	60 meters
Burial Information:	**Above ground:** 2 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80013
Realized Latitude: DD.mmmm	W 119.00519
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:**
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1981 **N-S:** 1760 **E-W:** 1743
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1258

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	13:58	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 10:30 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1045
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1200
Site and soil condition:	Sand
Stake (color and label) or NONE	00 R05
Approximate distance to DAS cable	10 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80078
Realized Latitude: DD.mmmm	W 119.00760
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1754 **N-S:** 1712 **E-W:** 1763
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1262

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	10:54	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 10:42 **(local) Day of Week:**

PoroTomo Sensor Number:	**N-** 1006
Sensor Owner:	**Utah Oregon** (**UTEP**)
Sensor Serial Number:	1153
Site and soil condition:	very rocky
Stake (color and label) or NONE	R06
Approximate distance to DAS cable	**meters**
Burial Information:	**Above ground:** 3 **cm** **Flush with surface** **Below surface: cm**
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80100
Realized Latitude: DD.mmmm	W 119.00400
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1757 **N-S:** 1766 **E-W:** 1763
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1268

UTC date (2016/03/ 09	**UTC time (hh:mm)**	**2 quick blinks?**
	12:02	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 1156 **(local) Day of Week:**

PoroTomo Sensor Number:	N- N007
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1148
Site and soil condition:	~~flat~~ rocky
Stake (color and label) or NONE	R07
Approximate distance to DAS cable	J meters
Burial Information:	**Above ground:** 1 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80150
Realized Latitude: DD.mmmm	W 119.00360
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1754 **N-S:** 1758 **E-W:** 1779
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/ 9)	UTC time (hh:mm)	2 quick blinks?
	12:05	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 11:42 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1008
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1231
Site and soil condition:	very rocky sandy
Stake (color and label) or NONE	P008
Approximate distance to DAS cable	40 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.8024
Realized Latitude: DD.mmmm	W 119.0032
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #1
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 730 **N-S:** 174 **E-W:** 168
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/ 09)	UTC time (hh:mm)	2 quick blinks?
	12:07	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M. X

Date (UTC): 2016 March 9 **Time (UTC):** 12:17 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1009
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1233
Site and soil condition:	rocky, sandy
Stake (color and label) or NONE	1009
Approximate distance to DAS cable	) meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80254
Realized Latitude: DD.mmmm	W 119.08275
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:**
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1760 **N-S:** 1768 **E-W:** 1793
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1209

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	13:40	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 Time (UTC): 12:27 **(local) Day of Week:**

PoroTomo Sensor Number:	N-N010
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1152
Site and soil condition:	sand
Stake (color and label) or NONE	Red
Approximate distance to DAS cable	80 meters
Burial Information:	**Above ground:** 2 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80306
Realized Latitude: DD.mmmm	W 119.00226
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1816 **N-S:** 1816 **E-W:** 1816
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	13:35	yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M.K

Date (UTC): 2016 March 9 Time (UTC): 12:36 **(local) Day of Week:**

PoroTomo Sensor Number:	N- N011
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1162
Site and soil condition:	Sand . rock
Stake (color and label) or NONE	R01
Approximate distance to DAS cable	meters
Burial Information:	**Above ground:** 2 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80376
Realized Latitude: DD.mmmm	W 119.00173
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1820 **N-S:** 1809 **E-W:** 1782
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	13:40	yes

127

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M + X

Date (UTC): 2016 March **Time (UTC):** **(local) Day of Week:**

PoroTomo Sensor Number:	**N-** N012
Sensor Owner:	**Utah Oregon UTEP** (UTEP circled)
Sensor Serial Number:	1213
Site and soil condition:	rocky
Stake (color and label) or NONE	FR 12
Approximate distance to DAS cable	between small Valleys **meters**
Burial Information:	**Above ground:** 2 **cm** **Flush with surface** **Below surface: cm**
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80400
Realized Latitude: DD.mmmm	W 119.00141
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code: NN** NN012 HF
Resonant frequency:	**Vertical:** 1740 **N-S:** 1755 **E-W:** 1735
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1274 EL:

UTC date (2016/03/08)	UTC time (hh:mm)	2 quick blinks?
	1:27	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M. X

Date (UTC): 2016 March 9 Time (UTC): 12:57 **(local) Day of Week:**

PoroTomo Sensor Number:	N- N013
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1216
Site and soil condition:	Sand. rock
Stake (color and label) or NONE	R013
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80458
Realized Latitude: DD.mmmm	W 119.00116
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: oregon #1
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	Vertical: 1798 N-S: 1805 E-W: 1798
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	13:36	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 Time (UTC): 1902 **(local) Day of Week:**

PoroTomo Sensor Number:	N- N014
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1165
Site and soil condition:	Sand
Stake (color and label) or NONE	
Approximate distance to DAS cable	30 meters
Burial Information:	**Above ground:** 2 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80491
Realized Latitude: DD.mmmm	W 119.00047
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1840 **N-S:** 1810 **E-W:** 1834
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	13:33	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: ~~KB~~ M, V

Date (UTC): 2016 March 9 **Time (UTC):** 1:25 **(local) Day of Week:**

PoroTomo Sensor Number:	N- N015
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1237
Site and soil condition:	clay w/ rocks on top
Stake (color and label) or NONE	blue flag N014
Approximate distance to DAS cable	on inside of bend with meeting roads. meters
Burial Information:	Above ground: cm Flush with surface Below surface: 6 cm
Digging tools used	
Realized Longitude: DD.mmmm	N39.80554
Realized Latitude: DD.mmmm	W119.00020
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon #2
Number of your handheld GPS: 18	**Your Waypoint code:** NN 015
Resonant frequency:	**Vertical:** 813 **N-S:** 811 **E-W:** 837
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2015/03/09	13:31	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 Time (UTC): 2:30 (local) Day of Week:

PoroTomo Sensor Number:	N- N016
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1212
Site and soil condition:	Sand
Stake (color and label) or NONE	R016
Approximate distance to DAS cable	70 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80599
Realized Latitude: DD.mmmm	W 118.99966
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1804 **N-S:** 1793 **E-W:** 1811
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1286

UTC date (2016/03/09)	UTC time (hh:mm)	2 quick blinks?
	3:00	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 21:38 **(local) Day of Week:**

PoroTomo Sensor Number:	N- N017
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1219
Site and soil condition:	Sand
Stake (color and label) or NONE	Pink J
Approximate distance to DAS cable	meters
Burial Information:	**Above ground:** 1 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.8064
Realized Latitude: DD.mmmm	W 118.9998
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1797 **N-S:** 1781 **E-W:** 1810
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/09)	UTC time (hh:mm)	2 quick blinks?
	21:50	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 Time (UTC): 2:47 (local) Day of Week:

PoroTomo Sensor Number:	N- N018
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1196
Site and soil condition:	sand
Stake (color and label) or NONE	Rd 8
Approximate distance to DAS cable	meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80693
Realized Latitude: DD.mmmm	W 118.99876
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1785 **N-S:** 1787 **E-W:** 1814
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/09)	UTC time (hh:mm)	2 quick blinks?
	2:57	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M + X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- N019
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	124
Site and soil condition:	sandy
Stake (color and label) or NONE	R19
Approximate distance to DAS cable	meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80741
Realized Latitude: DD.mmmm	W 118.99827
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code:** NN 019
Resonant frequency:	**Vertical:** 1759 **N-S:** 1767 **E-W:** 1765
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1257

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	18:02	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M+X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- N020
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1240
Site and soil condition:	Sandy
Stake (color and label) or NONE	R20
Approximate distance to DAS cable	meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80793
Realized Latitude: DD.mmmm	W 118.99788
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1783 **N-S:** 1764 **E-W:** 1764
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1267

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	18:00	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M + X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- N021
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1180
Site and soil condition:	sandy
Stake (color and label) or NONE	R21
Approximate distance to DAS cable	3 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80843
Realized Latitude: DD.mmmm	W 118.99741
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	Vertical: 1782 N-S: 1761 E-W: 1757
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	17:59 PST	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M+X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- N022
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1217
Site and soil condition:	sandy
Stake (color and label) or NONE	R22
Approximate distance to DAS cable	close to road meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80893
Realized Latitude: DD.mmmm	W 118.99696
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	Vertical: 1766 N-S: 1770 E-W: 1762
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1283

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	17:57	yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M+X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- N023
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1209
Site and soil condition:	
Stake (color and label) or NONE	R23
Approximate distance to DAS cable	3 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80935
Realized Latitude: DD.mmmm	W 118.99655
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1786 **N-S:** 1770 **E-W:** 1766
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1278

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
01/08	3:30	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M+X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- 124
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1187
Site and soil condition:	Sandy
Stake (color and label) or NONE	P124
Approximate distance to DAS cable	4 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80983
Realized Latitude: DD.mmmm	W 118.99611
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1802 **N-S:** 1780 **E-W:** 1801
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1276

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
296/03/08	3:28	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 9:50 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1025
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1196
Site and soil condition:	Sand
Stake (color and label) or NONE	R25
Approximate distance to DAS cable	70 meters
Burial Information:	Above ground: / cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.79881
Realized Latitude: DD.mmmm	W 119.00691
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	Vertical: 1740 N-S: 1752 E-W: 1770
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	11:10	Yes

1261

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M X

Date (UTC): 2016 March 9 Time (UTC): 10:03 **(local) Day of Week:**

PoroTomo Sensor Number:	**N-** N026
Sensor Owner:	**Utah Oregon** (**UTEP**)
Sensor Serial Number:	1175
Site and soil condition:	sandy
Stake (color and label) or NONE	RS6
Approximate distance to DAS cable	3 **meters**
Burial Information:	**Above ground:** **cm** **Flush with surface** **Below surface:** **cm**
Digging tools used	
Realized Longitude: DD.mmmm	N 39.79946
Realized Latitude: DD.mmmm	W 119.00652
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon #2
Number of your handheld GPS:	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1752 **N-S:** 1749 **E-W:** 751
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

1261

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	11:11	Yes.

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M+X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number:	N- N027
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1151
Site and soil condition:	Sandy and ~~Rocks~~ small rocky
Stake (color and label) or NONE	R27
Approximate distance to DAS cable	15 m, east of road meters
Burial Information:	Above ground: 0 cm (Flush with surface) Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	39.79993
Realized Latitude: DD.mmmm	119.00583
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** oregon ~~tool~~ 2 ?
Number of your handheld GPS: 24	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** 1792 **N-S:** 1767 **E-W:** 1794
The red LED shows the status: (1 blink, every 5 seconds = standby mode) (Fast blinking, every second = getting time from GPS) **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

Elevation: 1266 m

UTC date (2016/03/8)	UTC time (hh:mm)	2 quick blinks?
2016/03/8	09:00 PST	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M+X

Date (UTC): 2016 March Time (UTC): (local) Day of Week:

PoroTomo Sensor Number: 1189	**N-**~~N~~028
Sensor Owner: UTEP	**Utah Oregon UTEP**
Sensor Serial Number:	1189
Site and soil condition:	sandy and rocky
Stake (color and label) or NONE	orange, N028
Approximate distance to DAS cable	4 meters
Burial Information:	**Above ground:** 2.5 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	W 119.00545
Realized Latitude: DD.mmmm	N 39.80065
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Oregon 2
Number of your handheld GPS: 24	**Your Waypoint code: NN** 028
Resonant frequency:	**Vertical:** ~~1762~~ 1786 **N-S:** 1762 **E-W:** 1762
The red LED shows the status: **(1 blink, every 5 seconds = standby mode)** **(Fast blinking, every second = getting time from GPS)** **2 quick blinks every 5 seconds = acquiring data!**	**Wait to see two quick blinks!** **Time when you see 2 quick blinks:** **UTC: (hh:mm)**

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/3/8	9:07 PST	✓