

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March *10* Time (UTC): *00:08* (local) Day of Week: *Wed.*

PoroTomo Sensor Number:	N- <i>n162</i>
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1078</i>
Site and soil condition:	<i>Rocky, hand packed ^{mid} dry soil</i>
Stake (color and label) or NONE	<i>Stake w/ yellow flag, no label 2m away</i>
Approximate distance to BAS cable	<i>1m from placed blue flag</i> meters
Burial Information:	<u>Above ground:</u> <i>3</i> cm Flush with surface Below surface: cm
Digging tools used	<i>Spade, hammer</i>
Realized Longitude: DD.mmmm	<i>119° 00.218'</i>
Realized Latitude: DD.mmmm	<i>39° 48.441'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS: <i>28</i>	Your Waypoint code: <i>NN 162</i>
Resonant frequency:	Vertical: <i>1798</i> N-S: <i>1777y</i> E-W: <i>1781x</i>
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?
<i>10</i>	<i>00:10</i>	<i>Yes</i>

al. 1267 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March ⁰⁹ Time (UTC): 23:55 (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>n163</i>
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	1087
Site and soil condition:	Rocky sandy soil
Stake (color and label) or NONE	Stake, no label or flag
Approximate distance to DAS cable	2m from stake, <i>1m from</i> meters
Burial Information:	<u>Above ground:</u> placed <i>blue</i> flag Flush with surface 3 cm Below surface: cm
Digging tools used	<i>Trowel</i>
Realized Longitude: DD.mmmm	119° 00.189'
Realized Latitude: DD.mmmm	39° 48.469'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT 1</i>
Number of your handheld GPS: <i>28</i>	Your Waypoint code: NN <i>163</i>
Resonant frequency:	Vertical: <i>1788 z</i> N-S: <i>1780 y</i> E-W: <i>1788x</i>
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?
<i>09</i>	<i>23:55</i>	<i>yes</i>

21.1266 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

09 Utah

Date (UTC): 2016 March

Time (UTC): 23:35 (local)

Day of Week:

Wed

PoroTomo Sensor Number:	N- n164
Sensor Owner:	Kaust <u>Utah</u> Oregon UTEP
Sensor Serial Number:	1557
Site and soil condition:	Loose sandy soil? clay
Stake (color and label) or NONE	R164 stake, 1m away, <i>blue flag placed</i>
Approximate distance to DAS cable	1.5m from orange metal ^{meters} stake
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	Travel
Realized Longitude: DD.mmmm	119° 00.1591
Realized Latitude: DD.mmmm	39° 48.513'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT 1
Number of your handheld GPS: 28	Your Waypoint code: NN 164
Resonant frequency:	Vertical: 1809 z N-S: 1812 y E-W: 1802 x
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 (2016/03/04)	UTC time (hh:mm)	2 quick blinks?
	23:40	Yes

22. 1266m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March Time (UTC): *19:55* (local) Day of Week: *Wed.*

PoroTomo Sensor Number:	N- <i>N165</i>
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1357</i>
Site and soil condition:	<i>Sandy soil</i>
Stake (color and label) or NONE	<i>Yes, blue tie orange tag # <i>N165</i></i>
Approximate distance to DAS cable	<i>3m to stake, 0.5m to hook</i> meters
Burial Information:	Above ground: cm Flush with surface <u>Below surface:</u> <i>5</i> cm
Digging tools used	<i>Dug by Kurt @ BLM</i>
Realized Longitude: DD.mmmm	<i>119° 00.094'</i>
Realized Latitude: DD.mmmm	<i>39° 48.583'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT 1</i>
Number of your handheld GPS:	Your Waypoint code: <i>NN 165</i>
Resonant frequency:	Vertical: <i>1778</i> <i>1782 z</i> N-S: <i>1771 y</i> E-W: <i>1754 x</i>
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) <i>20:00</i>

UTC date (2016/03/ <i>09</i>)	UTC time (hh:mm)	2 quick blinks?
	<i>19:55</i>	<i>yes</i>

Elev 1270m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March *09* Time (UTC): *19:19* (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- 1323 <i>n166</i>
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1323</i>
Site and soil condition:	<i>rocky, sandy soil</i>
Stake (color and label) or NONE	<i>Yes, blue tie, n166</i>
Approximate distance to DAS cable	<i>5m to stake</i> meters <i>(1m to blue flag)</i>
Burial Information:	Above ground: cm Flush with surface <u>Below surface:</u> <i>5</i> cm
Digging tools used	<i>shovel via Kurt: BLM</i>
Realized Longitude: DD.mmmm	<i>119° 00.068'</i>
Realized Latitude: DD.mmmm	<i>39° 48.601'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS:	Your Waypoint code: NN <i>166</i>
Resonant frequency:	Vertical: <i>1733 z</i> N-S: <i>1763 y</i> E-W: <i>1738 x</i>
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?
<i>09</i>	<i>19:19</i>	<i>yes</i>

clear 1273m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March 9 Time (UTC): 22:35 (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>N167</i>
Sensor Owner:	<i>Kawst</i> <u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1583</i>
Site and soil condition:	<i>rocky, sandy</i>
Stake (color and label) or NONE	<i>N167 stake of blue tie</i>
Approximate distance to DAS cable	<i>3m from stake, 45m from pipe</i> meters
Burial Information:	Above ground: _____ cm Flush with surface _____ cm <u>Below surface:</u> <i>4</i> cm
Digging tools used	<i>BLM</i>
Realized Longitude: DD.mmmm	<i>119° 00.0351</i>
Realized Latitude: DD.mmmm	<i>39° 48.6461</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT 1</i>
Number of your handheld GPS: <i>28</i>	Your Waypoint code: NN <i>167</i>
Resonant frequency:	Vertical: <i>1792z</i> N-S: <i>1763y</i> E-W: <i>1777x</i>
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?
<i>09</i>	<i>22:35</i>	Yes <i>Yes</i>

1271m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March Time (UTC): *21:45* (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>n168</i>
Sensor Owner:	<i>Kaust</i> <u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1582</i>
Site and soil condition:	<i>hard packed rocky sandy soil</i>
Stake (color and label) or NONE	<i>N168, blue for yellow flag</i>
Approximate distance to DAS cable	<i>2m from stake, 1m from blue flag</i> <small>meters</small>
Burial Information:	Above ground: <small>cm</small> Flush with surface <u>Below surface:</u> <i>2</i> <small>cm</small>
Digging tools used	<i>BLM</i>
Realized Longitude: DD.mmmm	<i>118° 59.978'</i>
Realized Latitude: DD.mmmm	<i>39° 48.708'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS:	Your Waypoint code: NN <i>168</i>
Resonant frequency:	Vertical: <i>1791 z</i> N-S: <i>1792 y</i> E-W: <i>1813 x</i>
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?
<i>09</i>	<i>21:45</i>	<i>Yes</i>

128m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March Time (UTC):

(local) Day of Week:

PoroTomo Sensor Number:	N-1169
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001095
Site and soil condition:	hard pan
Stake (color and label) or NONE	blue flag
Approximate distance to DAS cable a landmark	1 meters
Burial Information:	Above ground: 5 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	119.00.64
Realized Latitude: DD.mmmm	38 39.048.047
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT1
Number of your handheld GPS: 28	Your Waypoint code: NN
Resonant frequency:	Vertical: 1746 (Z) N-S: 1766 (Y) E-W: 1752 (X)
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) 18:25

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

ele4 1250

Porotomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March Time (UTC):

(local) Day of Week:

Porotomo Sensor Number:	N- <u>M170</u>
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	<u>0001086</u>
Site and soil condition:	<u>hard park</u>
Stake (color and label) or NONE	<u>R170</u>
Approximate distance to DAS cable	<u>3</u> meters
Burial Information:	Above ground: <u>7</u> cm Flush with surface Below surface: cm
Digging tools used	<u>hammer</u>
Realized Longitude: DD.mmmm	<u>119° 00.546'</u>
Realized Latitude: DD.mmmm	<u>39° 48.076'</u>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <u>UT1</u>
Number of your handheld GPS: <u>28</u>	Your Waypoint code: NN <u>170</u>
Resonant frequency:	Vertical: 1725 <u>1725</u> N-S: <u>17</u> <u>1720</u> E-W: 1725 <u>(X)</u> <u>1738</u>
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) <u>18:25</u>

(Z)
(Y)
(W)

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
<u>08/</u>	<u>17:38</u>	<u>X</u>

elev 1254

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March Time (UTC):

(local) Day of Week:

PoroTomo Sensor Number:	N- N171
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001062
Site and soil condition:	para pine yew
Stake (color and label) or NONE	None
Approximate distance to DAS cable	3 meters
Burial Information:	Above ground: 3 cm
	Flush with surface
	Below surface: cm
Digging tools used	padre shovel
Realized Longitude: DD.mmmm	38° 48.101'
Realized Latitude: DD.mmmm	119° 00.5641'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT 1
Number of your handheld GPS: 28	Your Waypoint code: NN 1
Resonant frequency:	Vertical: 1757 z N-S: 1724 y E-W: 1735 x
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) 18 = 25

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
03/08	17:29	✓

elev. 1259

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N-N/72
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001077
Site and soil condition:	packed and fine gravel soil.
Stake (color and label) or NONE	No stake, near fence.
Approximate distance to DAS cable <i>Latidburk.</i>	1 meters
Burial Information:	Above ground: 25 cm Flush with surface Below surface: cm
Digging tools used	spade hammer
Realized Longitude: DD.mmmm	39° 48.1371
Realized Latitude: DD.mmmm	119° 00.844 ↓
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT 1
Number of your handheld GPS: 28	Your Waypoint code: NN
Resonant frequency:	Vertical: 1756 (z) N-S: 1764 (y) E-W: 1746 (x)
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) 18=23

UTC date (2016/03/)	UTC time (hh:mm)	2 quick blinks?
03/08	17:20	α

elev 1258 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N- A173
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001056
Site and soil condition:	porbe soil
Stake (color and label) or NONE	Blue flag stake
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	119° 00.5131
Realized Latitude: DD.mmmm	39° 48.171'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: 41
Number of your handheld GPS: 28	Your Waypoint code: NN 173
Resonant frequency:	Vertical: 1758 (2) N-S: 1762 (4) E-W: 1748 (x)
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) 19:58

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
03/08	19:55	x

elev 1255 m

Porotomo Project March 2016 Nodal Data Sheet

Installer Names:

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

Porotomo Sensor Number:	N- <u>N174</u>
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	<u>0001099</u>
Site and soil condition:	<u>power soil</u>
Stake (color and label) or NONE	<u>stake</u>
Approximate distance to DAS cable	<u>5</u> meters
Burial Information:	Above ground: <u>3</u> cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	<u>39. 48.190</u>
Realized Latitude: DD.mmmm	<u>119. 00.493</u>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <u>UT1</u>
Number of your handheld GPS: <u>28</u>	Your Waypoint code: NN <u>174</u>
Resonant frequency:	Vertical: <u>1772</u> Hz N-S: <u>1779</u> Hz E-W: <u>1755</u> Hz
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) <u>11:55</u>

UTC date (2016/03/)	UTC time (hh:mm)	2 quick blinks?
<u>03/08</u>	<u>19:02</u>	<u>✓</u>

dec 1259 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March Time (UTC):

(local) Day of Week:

PoroTomo Sensor Number:	N- 1175
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001059
Site and soil condition:	small stones + fine gravel soil
Stake (color and label) or NONE	stake x
Approximate distance to DAS cable	3 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	hammer
Realized Longitude: DD.mmmm	119° 00.461
Realized Latitude: DD.mmmm	39° 48.224
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT1
Number of your handheld GPS: 28	Your Waypoint code: NN 175
Resonant frequency:	Vertical: 1750 (2) N-S: 1757 (4) E-W: 1763 (X)
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) 19:50

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
08	19:08	✓

elev 1258 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N- 1176
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001092
Site and soil condition:	Small Ruler and ¹ peened soil
Stake (color and label) or NONE	Stake W.O L
Approximate distance to DAS cable	3 meters
Burial Information:	Above ground: 4 cm Flush with surface Below surface: cm
Digging tools used	hammer
Realized Longitude: DD.mmmm	119° 00.434
Realized Latitude: DD.mmmm	39° 48.248
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT1
Number of your handheld GPS:	Your Waypoint code: NN 176
Resonant frequency:	Vertical: 1772 (Z) N-S: 1787 (Y) E-W: 1763 (X)
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?
03/08	19:16	<input checked="" type="checkbox"/>

elc 1259

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N- 1177
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001359
Site and soil condition:	fine pink gravel
Stake (color and label) or NONE	blue flag
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	119. 00.406
Realized Latitude: DD.mmmm	39 48.282
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT
Number of your handheld GPS: 28	Your Waypoint code: NN 177
Resonant frequency:	Vertical: 1783 (z) N-S: 1779 (y) E-W: 1764 (x)
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?
03/08	20:58	xx

1266 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N- N178
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001308
Site and soil condition:	rocky site
Stake (color and label) or NONE	blue flag
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	119° 03.376
Realized Latitude: DD.mmmm	39° 48.303
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: 471
Number of your handheld GPS: 28	Your Waypoint code: NN
Resonant frequency:	Vertical: 1783 (27) N-S: 1775 (41) E-W: 1774 (x)
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?
03/08	21:02	xx

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N- 1179
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001071
Site and soil condition:	rocky + fine packed gravel
Stake (color and label) or NONE	Stake ^W hammer blue Tie
Approximate distance to DAS cable	4 meters
Burial Information:	Above ground: } cm Flush with surface } Below surface: } cm
Digging tools used	hammer
Realized Longitude: DD.mmmm	119° 00.352
Realized Latitude: DD.mmmm	39° 48.333
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: WT
Number of your handheld GPS: 28	Your Waypoint code: NN 179
Resonant frequency:	Vertical: 1792 (2) N-S: 1777 (4) E-W: 1784 (x)
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?
03/08	21:13	XX

1267

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Ufan*

Date (UTC): 2016 March 9 Time (UTC): 18:45 (local) Day of Week: *Wednesday*

PoroTomo Sensor Number:	N-1180
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	1481
Site and soil condition:	Hard packed sandy soil w/ loose small to cobbles size rock
Stake (color and label) or NONE	Stake, no label, left blue flag
Approximate distance to DAS cable	5m toward pipe from stake meters
Burial Information:	<u>Above ground:</u> 3 cm Flush with surface Below surface: cm
Digging tools used	spade & hammer
Realized Longitude: DD.mmmm	119° 00.223'
Realized Latitude: DD.mmmm	39° 48.490'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT 1
Number of your handheld GPS:	Your Waypoint code: NN 180
Resonant frequency:	Vertical: 1778 z N-S: 1769 1769 y E-W: 1734 x
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?
	18:45	<i>[Signature]</i>

Elev 1266m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Ufah*

Date (UTC): 2016 March 9 Time (UTC): 18:58 (local) Day of Week: *Wed.*

PoroTomo Sensor Number:	N- n/81
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	1468
Site and soil condition:	Sandy soil w/ many pebble-sized rocks
Stake (color and label) or NONE	NONE - blue flag placed 1m away
Approximate distance to DAS cable	1m to blue flag, 5m from pipe
Burial Information:	<u>Above ground:</u> 4 cm Flush with surface Below surface: cm
Digging tools used	spade, hammer
Realized Longitude: DD.mmmm	119° 00.168'
Realized Latitude: DD.mmmm	34° 48.553'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT 1</i>
Number of your handheld GPS:	Your Waypoint code: NN
Resonant frequency:	Vertical: 1736 N-S: 1754 y E-W: 1728 x
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?
<i>09</i>	<i>18:58</i>	<i>[Signature]</i>

Elev. 1265 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March *9* Time (UTC): *19:10* (local) Day of Week: *Wed.*

PoroTomo Sensor Number:	N- <i>n182</i>
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1300</i>
Site and soil condition:	<i>loose sandy soil</i>
Stake (color and label) or NONE	<i>None - blue flag placed</i>
Approximate distance to DAS cable	<i>1m from blue flag, 5m from pipe</i> meters
Burial Information:	<u>Above ground:</u> <i>3</i> cm Flush with surface Below surface: cm
Digging tools used	<i>spade</i> OUTSIDE BLM OR CF
Realized Longitude: DD.mmmm	<i>119° 00.099'</i>
Realized Latitude: DD.mmmm	<i>39° 48.623'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS:	Your Waypoint code: <i>NN</i>
Resonant frequency:	Vertical: <i>1740</i> N-S: <i>1764 (y)</i> E-W: <i>1744 x</i>
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/ <i>9</i>)	UTC time (hh:mm)	2 quick blinks?
	<i>19:10</i>	<i>yes</i>

19:10 Elev *1273m*

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *W. [Signature]*

Date (UTC): 2016 March 9 Time (UTC): 22:05 (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>n183</i>
Sensor Owner:	<i>Krust</i> <u>Utah</u> Oregon UTEP
Sensor Serial Number:	1562 1556
Site and soil condition:	<i>Roddy, hard packed sandy soil</i>
Stake (color and label) or NONE	<i>Yes, blue tie N183</i>
Approximate distance to DAS cable	<i>3m from stake, 5m from pipe</i> meters
Burial Information:	Above ground: 1 cm Flush with surface <u>Below surface:</u> 4 cm
Digging tools used	<i>BLM</i>
Realized Longitude: DD.mmmm	<i>119° 00.062'</i>
Realized Latitude: DD.mmmm	<i>39° 48.662'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT 1</i>
Number of your handheld GPS:	Your Waypoint code: NN <i>183</i>
Resonant frequency:	Vertical: <i>1780 z</i> N-S: <i>1781 y</i> E-W: <i>1789 x</i>
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?
	<i>22:05</i>	<i>yes</i>

Q. 1273m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *09 Utah*

Date (UTC): 2016 March Time (UTC): *21:27* (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>n 184</i>
Sensor Owner:	<u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1586</i>
Site and soil condition:	<i>loose sandy soil Rocks soil</i>
Stake (color and label) or NONE	<i>Yes. N184 blue tie, yellow flag</i>
Approximate distance to DAS cable	<i>2m from stake, 10m from fence (inside fence)</i> meters
Burial Information:	Above ground: cm Flush with surface <u>Below surface:</u> <i>3</i> cm
Digging tools used	<i>BLM = Kurt</i>
Realized Longitude: DD.mmmm	<i>119° 00.032'</i>
Realized Latitude: DD.mmmm	<i>39° 48.690'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS:	Your Waypoint code: <i>NN 184</i>
Resonant frequency:	Vertical: <i>1786</i> N-S: <i>1752(y)</i> E-W: <i>1769(x)</i>
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/ <i>09</i>)	UTC time (hh:mm)	2 quick blinks?
	<i>21:27</i>	<i>Yes</i>

sl. 1280m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March ⁰⁹ Time (UTC): 21:33 (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>n185</i>
Sensor Owner:	<i>Kaustf</i> <u>Utah</u> Oregon UTEP
Sensor Serial Number:	<i>1569</i>
Site and soil condition:	<i>Rocky sandy soil</i>
Stake (color and label) or NONE	<i>Yes R185</i>
Approximate distance to DAS cable	<i>2m from stake, 5m from cable</i> meters
Burial Information:	Above ground: _____ cm Flush with surface _____ cm <u>Below surface:</u> <i>4</i> cm
Digging tools used	<i>BLM</i>
Realized Longitude: DD.mmmm	<i>119° 00.004'</i>
Realized Latitude: DD.mmmm	<i>39° 48.725'</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS:	Your Waypoint code: NN <i>185</i>
Resonant frequency:	Vertical: <i>1797</i> Hz N-S: <i>1766</i> E-W: <i>1787</i> Hz
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?
	<i>21:35</i>	<i>Yes</i>

1280 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*

Date (UTC): 2016 March Time (UTC):

(local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>0186</i>
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	<i>0001458</i>
Site and soil condition:	<i>sand</i>
Stake (color and label) or NONE	<i>T121 pink</i>
Approximate distance to DAS cable	<i>2</i> meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	<i>shovel</i>
Realized Longitude: DD.mmmm	<i>30 19 00.646</i>
Realized Latitude: DD.mmmm	<i>39 48.055</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT/</i>
Number of your handheld GPS: <i>28</i>	Your Waypoint code: NN <i>186</i>
Resonant frequency:	Vertical: <i>1754 (z)</i> N-S: <i>1726 (Y)</i> E-W: <i>1722 (X)</i>
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)

out of fence

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
<i>03/09</i>	<i>17:03</i>	<i>Yes</i>

1254

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: *Utah*
 Date (UTC): 2016 March Time (UTC): (local) Day of Week: *Wed*

PoroTomo Sensor Number:	N- <i>N187</i>
Sensor Owner:	<i>Utah Oregon UTEP</i>
Sensor Serial Number:	<i>0001523</i>
Site and soil condition:	<i>sand</i>
Stake (color and label) or NONE	<i>T122 2m pine</i>
Approximate distance to DAS cable	<i>3</i> meters
Burial Information:	Above ground: <i>3</i> cm Flush with surface Below surface: <i>1</i> cm
Digging tools used	<i>shovel</i>
Realized Longitude: DD.mmmm	<i>119 00.620</i>
Realized Latitude: DD.mmmm	<i>39 48.083</i>
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: <i>UT1</i>
Number of your handheld GPS: <i>28</i>	Your Waypoint code: NN <i>187</i>
Resonant frequency:	Vertical: <i>1745 (z)</i> N-S: <i>1748 (y)</i> E-W: <i>1724 (x)</i>
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)

out of fence

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
<i>03/09</i>	<i>16:59</i>	<i>Yes</i>

125/m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Utah

Date (UTC): 2016 March Time (UTC):

(local) Day of Week:

Wed

PoroTomo Sensor Number:	N- N183
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001468
Site and soil condition:	hard pale soil
Stake (color and label) or NONE	T123 pink
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: 1 cm
Digging tools used	shovel
Realized Longitude: DD.mmmmm	119° 00.592'
Realized Latitude: DD.mmmmm	39° 48.114'
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	HHT used: UT!
Number of your handheld GPS: 28	Your Waypoint code: NN 183
Resonant frequency:	Vertical: 1726 (Z) N-S: 1752 (Y) E-W: 1720 (X)
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)

out of fence

gran sand

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
03/09	16:54	yes

1254 m