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- N029
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1193
Site and soil condition:	sandy
Stake (color and label) or NONE	R29
Approximate distance to DAS cable	5 meters
Burial Information:	Above ground: 1-2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	W-119.000507
Realized Latitude: DD.mmmm	N-39.80066
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**
Resonant frequency:	**Vertical:** 1763 **N-S:** 1779 **E-W:** 1797
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)**

WGS84 Project coordinates

1264 Elevation

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	9:09 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:	N- N30
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1176
Site and soil condition:	sand
Stake (color and label) or NONE	R30
Approximate distance to DAS cable	~0 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80132
Realized Latitude: DD.mmmm	W 119.00465
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** 1265
Resonant frequency:	**Vertical:** 1762 **N-S:** 1768 **E-W:** 1789
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	9:13 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:	N-1031
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1226
Site and soil condition:	sandy
Stake (color and label) or NONE	R31
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80211 EL:1257
Realized Latitude: DD.mmmm	W 119.00408
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:** 1710 **N-S:** 1714 **E-W:** 1707
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/ 08)	UTC time (hh:mm)	2 quick blinks?
	1036	✓

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- 1031
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1234
Site and soil condition:	Sandy Rocky
Stake (color and label) or NONE	R32
Approximate distance to DAS cable	2 meters
Burial Information:	**Above ground:** 2 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80267
Realized Latitude: DD.mmmm	W 119.00364
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:** 1737 **N-S:** 1728 **E-W:** 1707
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?
16/03/08	10:34	✓

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- N033
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1194
Site and soil condition:	rocky
Stake (color and label) or NONE	R33
Approximate distance to DAS cable	5 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80310 EL:1282
Realized Latitude: DD.mmmm	W 119.00310
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: 1718 N-S: 1728 E-W: 1752
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/ 08)	UTC time (hh:mm)	2 quick blinks?
16/03/08	10:33	✓

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- N034
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1231
Site and soil condition:	sandy / rocky
Stake (color and label) or NONE	R34
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 39.80338
Realized Latitude: DD.mmmm	W 119.00282
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: 1730 E-W: 1721
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)**

EL i125

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	10:29 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:	N- N035
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1178
Site and soil condition:	rocky sandy
Stake (color and label) or NONE	R35
Approximate distance to DAS cable	6 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80406
Realized Latitude: DD.mmmm	W 119.00235
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:** 1745 **N-S:** 1736 **E-W:** 1732
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)**

1272
EL:

UTC date (2016/03/ 08)	UTC time (hh:mm)	2 quick blinks?
	1:28	✓

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	**N-** N036
Sensor Owner:	**Utah Oregon (UTEP)**
Sensor Serial Number:	1202
Site and soil condition:	rocky sandy
Stake (color and label) or NONE	R36
Approximate distance to DAS cable	4 **meters**
Burial Information:	**Above ground:** **cm** **Flush with surface** **Below surface:** **cm**
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80463
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:** 1742 **N-S:** 1759 **E-W:** 1746
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)**

EL: 1263

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/28	1:19 PST	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

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

PoroTomo Sensor Number:	N- N027
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1243
Site and soil condition:	Rocky
Stake (color and label) or NONE	R37
Approximate distance to DAS cable	7 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80500 1265
Realized Latitude: DD.mmmm	W 119.00130
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: 1754 E-W: 1756
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)

Didn't turn on! No double blink!

Reset unit, and now is OK.

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	16:22	yes

{162 138 148 149 128 129 130

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

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

PoroTomo Sensor Number:	N- N038
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1188
Site and soil condition:	rocky sandy
Stake (color and label) or NONE	R38
Approximate distance to DAS cable	50 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.85521
Realized Latitude: DD.mmmm	W 119.00105
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: 1793 N-S: 1763 E-W: 1775
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	16:40	Yes.

It didn't start, restat again

No double ink.

Reset RU

Restart unit

↓

After about 10 mins, it double linked.

1279

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

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

PoroTomo Sensor Number:	N- N039
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1168
Site and soil condition:	sandy
Stake (color and label) or NONE	R39
Approximate distance to DAS cable	river bed 2 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80559
Realized Latitude: DD.mmmm	W 119.00074
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:** 1781 **N-S:** 1770 **E-W:** 1759
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)**

1270

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	15:49	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

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

PoroTomo Sensor Number:	N-N040
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1206
Site and soil condition:	Sand, Rock
Stake (color and label) or NONE	P040
Approximate distance to DAS cable	5 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80602
Realized Latitude: DD.mmmm	W 119.00040
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: 1802 E-W: 1785
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?
2016/03/09	15:47	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: M, X

Date (UTC): 2016 March 9 **Time (UTC):** 3:24 **(local) Day of Week:**

PoroTomo Sensor Number:	N- 1041
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1203
Site and soil condition:	Sand, rock
Stake (color and label) or NONE	blue 1041
Approximate distance to DAS cable	1 meters
Burial Information:	**Above ground:** 3 cm **Flush with surface** **Below surface:** cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80649
Realized Latitude: DD.mmmm	W 118.99993
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:** 1801 **N-S:** 1808 **E-W:** 1831
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)**

1266

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/09	3:44	Yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	**N-** N042
Sensor Owner:	**Utah Oregon (UTEP)**
Sensor Serial Number:	0001208
Site and soil condition:	clay packed grass
Stake (color and label) or NONE	R42
Approximate distance to DAS cable	2 **meters**
Burial Information:	**Above ground:** 2 **cm** **Flush with surface** **Below surface: cm**
Digging tools used	shovel
Realized Longitude: DD.mmmm	118 59.971
Realized Latitude: DD.mmmm	37 48.415
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** UTI
Number of your handheld GPS: 23	**Your Waypoint code: NN** 042
Resonant frequency: Resistance	**Vertical:** 1754 (Z) **N-S:** 1785 (Y) **E-W:** 1755 (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?
03/09	01:34	

1275 m

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

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

PoroTomo Sensor Number:	N- N043
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	0001236
Site and soil condition:	time paleu 9v
Stake (color and label) or NONE	R43 blue flag
Approximate distance to DAS cable	1.5 meters
Burial Information:	Above ground: 3 cm Flush with surface Below surface: cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	119° 5.943
Realized Latitude: DD.mmmm	39° 48.450
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** U71
Number of your handheld GPS: 23	**Your Waypoint code: NN** 043
Resonant frequency:	**Vertical:** 1746 (Z) **N-S:** 1790 (Y) **E-W:** 1762 (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?
03/09	01:29	

1275

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- N044
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1230
Site and soil condition:	Sandy
Stake (color and label) or NONE	R44
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 39.80787
Realized Latitude: DD.mmmm	W 118.99860
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:** 1743 **N-S:** 1761 **E-W:** 1787
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)**

1273

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	5:49 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-1045
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1222
Site and soil condition:	Sand
Stake (color and label) or NONE	R45
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 39.80849
Realized Latitude: DD.mmmm	W 118.99810
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** 1266
Resonant frequency:	**Vertical:** 1774 **N-S:** 1782 **E-W:** 1772
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	17:49 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- N046
Sensor Owner:	Utah Oregon (UTEP)
Sensor Serial Number:	1182
Site and soil condition:	sandy
Stake (color and label) or NONE	R46
Approximate distance to DAS cable	1 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	N 39.80896
Realized Latitude: DD.mmmm	W 118.99770
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:** 1798 **N-S:** 1768 **E-W:** 1752
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)**

1288

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	17:52	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- N047
Sensor Owner:	Utah Oregon **UTEP**
Sensor Serial Number:	1179
Site and soil condition:	Sandy
Stake (color and label) or NONE	R47
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 39.80950
Realized Latitude: DD.mmmm	W 118.99725
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:** 792 **N-S:** 1771 **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)**

no spike

1266

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/08	17:55	yes

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: CT KZ Bren

Date (UTC): 2016 March | **Time (UTC):** 22:56 **(local) Day of Week:** Thur

PoroTomo Sensor Number:	N- 1 048
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1604
Site and soil condition:	Sandy dirt
Stake (color and label) or NONE	NN 048
Approximate distance to DAS cable	1 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	118.99691
Realized Latitude: DD.mmmm	39.80989
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** 048
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)**

4248 ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Cardiff

Date (UTC): 2016 March 9 Time (UTC): 1707 **(local) Day of Week:** Wednesday

PoroTomo Sensor Number:	N- 049
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1644
Site and soil condition:	Sand / Clay / Rock
Stake (color and label) or NONE	Pink / Blue high stake NO 49
Approximate distance to DAS cable	3 meters
Burial Information:	~~Above ground:~~ ~~3 cm~~ Flush with surface Below surface: cm
Digging tools used	Trowel, rebar spike
Realized Longitude: DD.mmmm	119.00641W 4089'ft
Realized Latitude: DD.mmmm	39.80008 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 049
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)** 1709

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

GPS# 13

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff & Thurber

Date (UTC): 2016 March 8 Time (UTC): 2152 (local) Day of Week: Tuesday

PoroTomo Sensor Number:	N- 050
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1654
Site and soil condition:	Clay / Sand
Stake (color and label) or NONE	Orange 050
Approximate distance to DAS cable	meters
Burial Information:	Above ground: cm Flush with surface Modified Below surface: cm
Digging tools used	Hand
Realized Longitude: DD.mmmm	119.00617W 4156ft
Realized Latitude: DD.mmmm	39.80062N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	HHT used: Oregon 1
Number of your handheld GPS:	Your Waypoint code: NN 050
Resonant frequency:	Vertical: N-S: E-W: Yuma
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 8 Time (UTC): 2142 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 51
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1636
Site and soil condition:	Sandy / Rocky
Stake (color and label) or NONE	Pink 051
Approximate distance to DAS cable	2m meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Towel
Realized Longitude: DD.mmmm	119.00579W
Realized Latitude: DD.mmmm	39.80118 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 051
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)** 2202

4154ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March 8 Time (UTC): 2131 (local) Day of Week: Tuesday

PoroTomo Sensor Number:	N- 52
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1643
Site and soil condition:	Clayey
Stake (color and label) or NONE	052 - Pint
Approximate distance to DAS cable	2m meters
Burial Information:	Above ground: 5 cm Flush with surface Below surface: cm
Digging tools used	Towel
Realized Longitude: DD.mmmm	119.00529W 4158ft
Realized Latitude: DD.mmmm	39.80167N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 052
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)** 2202

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 8 Time (UTC): 2124 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 53
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1647
Site and soil condition:	Clayey
Stake (color and label) or NONE	Low stake, blue flag
Approximate distance to ~~DAS cable~~ flag	~1m meters
Burial Information:	**Above ground:** 3 cm **Flush with surface** **Below surface:** cm
Digging tools used	Trowel
Realized Longitude: DD.mmmm	119.00475W 4171 ft
Realized Latitude: DD.mmmm	39.80211 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 053
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 2202

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff & Thurber

Date (UTC): 2016 March 8 **Time (UTC):** 2109 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N-54
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	~~0614~~ 1614
Site and soil condition:	Clayey
Stake (color and label) or NONE	Orange R54
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	Trowel, rock pick
Realized Longitude: DD.mmmm	119.00438W
Realized Latitude: DD.mmmm	39.80272N 4173ft
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 054
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 2202

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cliff, Amanda, Rob

Date (UTC): 2016 March 8 Time (UTC): 18:18 **(local) Day of Week:** Tues

PoroTomo Sensor Number:	N- ~~N068~~ N056
Sensor Owner:	Utah **Oregon** UTEP
Sensor Serial Number:	1608
Site and soil condition:	gravel/rocks
Stake (color and label) or NONE	Pink/Blue N056B
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	W 119.00352 4167 ft.
Realized Latitude: DD.mmmm	N 39.80358
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon1
Number of your handheld GPS: 13	**Your Waypoint code:** NN056
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)** 18:32

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: C.A.R.

Date (UTC): 2016 March 8 Time (UTC): 18:37 **(local) Day of Week:** Tues

PoroTomo Sensor Number:	N- N057
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1626
Site and soil condition:	gravel / rocks
Stake (color and label) or NONE	pink/ R57N057
Approximate distance to DAS cable	meters
Burial Information:	Above ground: 4 cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	W 119.00296 4172 ft.
Realized Latitude: DD.mmmm	N 39.80396
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon1
Number of your handheld GPS: 13	**Your Waypoint code:** NN057
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)** 18:48

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: C. A. R.

Date (UTC): 2016 March 8 Time (UTC): 18:52 **(local) Day of Week:** Tues

PoroTomo Sensor Number:	N- N058
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1659
Site and soil condition:	gravel
Stake (color and label) or NONE	Pink R58
Approximate distance to DAS cable	1 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	W 119.00265
Realized Latitude: DD.mmmm	N 39.80455
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oryond
Number of your handheld GPS: 13	**Your Waypoint code:** NN058
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: CT XZ Brun

Date (UTC): 2016 March 10 Time (UTC): 22:08 **(local) Day of Week:** Thurs

PoroTomo Sensor Number:	N- 059
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1622
Site and soil condition:	Rocky sand behind the fence
Stake (color and label) or NONE	R59 + pink tie
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	119.00205 4164 ft
Realized Latitude: DD.mmmm	39.80507
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** 05-9
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff & Thurber

Date (UTC): 2016 March 9 Time (UTC): 1751 (local) Day of Week: Wed.

PoroTomo Sensor Number:	N- 060
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1588
Site and soil condition:	Rocky Clayey
Stake (color and label) or NONE	short, Pink Ribbon
Approximate distance to DAS cable	3 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	Trowel, Rebar spike
Realized Longitude: DD.mmmm	119.00170W
Realized Latitude: DD.mmmm	39.805450N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	HHT used: Orego-1
Number of your handheld GPS:	Your Waypoint code: NN 060
Resonant frequency:	Vertical: N-S: E-W: Yuma
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) 1753

4185ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Zeng

Date (UTC): 2016 March 09 Time (UTC): 19 :00 (local) Day of Week: Wed

PoroTomo Sensor Number:	N- N61
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	000630
Site and soil condition:	sandy soil
Stake (color and label) or NONE	R61. Yellow flag, blue tie
Approximate distance to DAS cable	1.5 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: 4 cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	~~114° 00.11~~ 119.00111
Realized Latitude: DD.mmmm	~~38° 00.2~~ 38.80602
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 061
Resonant frequency:	**Vertical:** Yumei **N-S:** **E-W:**
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)** Yes

4150

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurbe & Ivy

Date (UTC): 2016 March 9 Time (UTC): 19:25 (local) Day of Week: Wed

PoroTomo Sensor Number:	N- N062
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1599
Site and soil condition:	sandy clay
Stake (color and label) or NONE	R62 pink Tie
Approximate distance to DAS cable	1.5 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: 1 cm
Digging tools used	shovel,
Realized Longitude: DD.mmmm	119.00063 4165
Realized Latitude: DD.mmmm	39.80666
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** oxyen 1
Number of your handheld GPS:	**Your Waypoint code: NN** 062
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** Yes

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber

Date (UTC): 2016 March 7 Time (UTC): 19:36 **(local) Day of Week:** Wed

PoroTomo Sensor Number:	N-1063
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001625
Site and soil condition:	Rocky Sand
Stake (color and label) or NONE	R63 pink blue Tie.
Approximate distance to DAS cable	0.5 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: 4 cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	119.00028
Realized Latitude: DD.mmmm	39.80704
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon
Number of your handheld GPS:	**Your Waypoint code: NN** 063
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)**

4171 ft.

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Lang

Date (UTC): 2016 March 9 Time (UTC): 19:47 (local) Day of Week: Wed

PoroTomo Sensor Number:	N- N064
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1662
Site and soil condition:	Sandy clay
Stake (color and label) or NONE	NN064. blue Tie
Approximate distance to DAS cable	// meters
Burial Information:	Above ground: // cm Flush with surface Below surface: 1 cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	118.99979
Realized Latitude: DD.mmmm	39.80736
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** orey
Number of your handheld GPS:	**Your Waypoint code:** NN 064
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)**

4176 ft.

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Lay

Date (UTC): 2016 March 9 Time (UTC): 19:59 (local) Day of Week: Wed

PoroTomo Sensor Number:	N-1065
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001629
Site and soil condition:	
Stake (color and label) or NONE	R65 + blue, pink. Tie
Approximate distance to DAS cable	1 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: 4 cm
Digging tools used	
Realized Longitude: DD.mmmm	118.99933 4183
Realized Latitude: DD.mmmm	38.80792
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Oregon
Number of your handheld GPS:	**Your Waypoint code: NN** 065
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Lucy

Date (UTC): 2016 March 09 Time (UTC): 21:35 (local) Day of Week: Wed

PoroTomo Sensor Number:	N-066
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	0001603
Site and soil condition:	Rocky Soil +
Stake (color and label) or NONE	R66B + Pink
Approximate distance to DAS cable	0.4 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: 1 cm
Digging tools used	Shovel
Realized Longitude: DD.mmmm	118.99887
Realized Latitude: DD.mmmm	39.80857
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon
Number of your handheld GPS:	**Your Waypoint code: NN** 066
Resonant frequency:	**Vertical:** **N-S:** / **E-W:**
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)** Yes

4207ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Zeng

Date (UTC): 2016 March 9 Time (UTC): 21:47 (local) Day of Week: Wed

PoroTomo Sensor Number:	NN067
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1633
Site and soil condition:	Sandy
Stake (color and label) or NONE	R67. blue, Pink Tie
Approximate distance to DAS cable	0.4 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: 1 cm
Digging tools used	Shovel
Realized Longitude: DD.mmmm	118.99847
Realized Latitude: DD.mmmm	39.80893
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** 420/H
Number of your handheld GPS:	**Your Waypoint code: NN** 067
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)** Yes

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber & Zay

Date (UTC): 2016 March **Time (UTC):** 2205 **(local) Day of Week:** Wed

PoroTomo Sensor Number:	N- n068
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	000/661
Site and soil condition:	Rocky clay
Stake (color and label) or NONE	R68 + pink + blue Tip
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: 1 cm Flush with surface Below surface: 1 cm
Digging tools used	hamer-i
Realized Longitude: DD.mmmm	118.99796
Realized Latitude: DD.mmmm	39.80951
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** 068
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)**

4206

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thumm & Zug

Date (UTC): 2016 March 29 Time (UTC): 22:15 (local) Day of Week: Wed

PoroTomo Sensor Number:	N- N069
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	SN 000611
Site and soil condition:	sandy with ~~rock~~ over clay
Stake (color and label) or NONE	R69 + pink flag line TL
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	shovel + spike
Realized Longitude: DD.mmmm	118.99760
Realized Latitude: DD.mmmm	39.80994 4200
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:**
Number of your handheld GPS: 13	**Your Waypoint code: NN** 069
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurke & Zeng

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

PoroTomo Sensor Number:	N- N070
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	000166
Site and soil condition:	sandy + clay, clay underneath
Stake (color and label) or NONE	R70. Pink Tie
Approximate distance to DAS cable	0.3 meters
Burial Information:	Above ground: 2 cm Flush with surface Below surface: 1 cm
Digging tools used	shovel
Realized Longitude: DD.mmmm	118.99715
Realized Latitude: DD.mmmm	39.81040
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** 070
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)**

4197

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff & Thurber

Date (UTC): 2016 March 9 **Time (UTC):** 1727 **(local) Day of Week:** Wednesday

PoroTomo Sensor Number:	N- 071
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1638
Site and soil condition:	Loose Sand / rocks
Stake (color and label) or NONE	Blue flag NO71
Approximate distance to ~~DAS cable~~ stake	1m from stake meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Trowel Seen and OKed by Tanner Wheatstone on 3/9/2016
Realized Longitude: DD.mmmm	119.00690 W
Realized Latitude: DD.mmmm	39.80045 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code:** NN071
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)** 1730

Quartz 4141 ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber / Cardiff

Date (UTC): 2016 March 8 Time (UTC): 2256 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N-072
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1635
Site and soil condition:	Sandy
Stake (color and label) or NONE	Pink N072
Approximate distance to ~~DAS cable~~ flag	Pink N072 flag 2 meters
Burial Information:	Above ground: cm (Flush with surface) modified (5cm) Below surface: cm
Digging tools used	Trowel
Realized Longitude: DD.mmmm	119.00657W 4149 ft
Realized Latitude: DD.mmmm	39.80091 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 072
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 00:00

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber / Cardiff

Date (UTC): 2016 March 8 Time (UTC): 2305 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 073
Sensor Owner:	Utah Oregon UTEP
Sensor Serial Number:	1665
Site and soil condition:	Clayey - Sand
Stake (color and label) or NONE	Orange tall
Approximate distance to DAS cable flag	1m from Flag meters
Burial Information:	**Above ground:** cm **Flush with surface** **Below surface:** cm
Digging tools used	Hand
Realized Longitude: DD.mmmm	119.00605 W 4155ft
Realized Latitude: DD.mmmm	39.80136 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:**
Number of your handheld GPS:	**Your Waypoint code:** NN 073
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 00:00

UTC date (2016/03/	UTC time (hh:mm)	2 quick blinks?
2016/03/13	22:50	TREX pulses, causing liquifaction
		sensor falls in hole.
		Neal Lord replaces and
		redrives sensor.

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 8 Time (UTC): 2312 (local) Day of Week: Tuesday

PoroTomo Sensor Number:	N- 074
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1650
Site and soil condition:	Rocky Sand
Stake (color and label) or NONE	Pink Tall No74
Approximate distance to DAS cable flag	1m from flag meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Hands
Realized Longitude: DD.mmmm	119.00562 W 4161ft
Realized Latitude: DD.mmmm	39.80185 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 074
Resonant frequency:	**Vertical:** Yuma **N-S:** **E-W:**
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)** 0000

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff & Thurber

Date (UTC): 2016 March 8 Time (UTC): 2322 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 075
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1597
Site and soil condition:	Rocky sand
Stake (color and label) or NONE	Tall Pink 075
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Hand
Realized Longitude: DD.mmmm	119.005021W
Realized Latitude: DD.mmmm	39.80253N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 075
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 0000

4167ft

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

rain

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff & Thurber

Date (UTC): 2016 March 8 Time (UTC): 2332 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 076
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1653
Site and soil condition:	Rocky Sand
Stake (color and label) or NONE	Tall Pink
Approximate distance to DAS cable flag	1m from flag meters
Burial Information:	**Above ground:** cm **Flush with surface** **Below surface:** cm
Digging tools used	Hand
Realized Longitude: DD.mmmm	119.00423 W
Realized Latitude: DD.mmmm	39.80333 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 076
Resonant frequency:	**Vertical:** 1 **N-S:** **E-W:** Yuma
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)** 0000

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

4173ft

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 8 Time (UTC): 2346 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 077
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1651
Site and soil condition:	Rocky Sand
Stake (color and label) or NONE	Tall orange flag
Approximate distance to DAS cable flag	1m meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Spike, hand
Realized Longitude: DD.mmmm	119.00381W
Realized Latitude: DD.mmmm	39.80378N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 077
Resonant frequency:	**Vertical:** Y **N-S:** **E-W:** Luna
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)** 0000

4169ft

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

Cone 03:22:21:45

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 9 Time (UTC): 0009 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 077
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1621
Site and soil condition:	Sandy / Rocks deeper
Stake (color and label) or NONE	Orange, Tall
Approximate distance to DAS cable	1m from fly meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Hands
Realized Longitude: DD.mmmm	119.00325 W
Realized Latitude: DD.mmmm	39.80433 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes (Power line interference)	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 077
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 0012

416417

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

Cone 03:22:21:41

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 9 Time (UTC): 0032 (local) Day of Week: Tuesday

PoroTomo Sensor Number:	N- 079
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1613
Site and soil condition:	Sand & Rock
Stake (color and label) or NONE	Orange T-11
Approximate distance to DAS cable	1 m from stake ~~meters~~
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	
Realized Longitude: DD.mmmm	119.00123 W 4169 ft
Realized Latitude: DD.mmmm	~~39.80 6~~ 39.80680 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? YES (hairline)	HHT used: Oregon 1
Number of your handheld GPS:	Your Waypoint code: NN079
Resonant frequency:	Vertical: N-S: Yuma E-W:
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) 0035

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 9 Time (UTC): 0043 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 080
Sensor Owner:	Utah **Oregon** UTEP
Sensor Serial Number:	1623
Site and soil condition:	Sand / Rock
Stake (color and label) or NONE	Orange Tall
Approximate distance to ~~DAS~~ cable	2m from stake meters
Burial Information:	**Above ground:** cm **Flush with surface** **Below surface:** cm
Digging tools used	Trowel
Realized Longitude: DD.mmmm	119.00082 W
Realized Latitude: DD.mmmm	39.80737 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes (Power lines)	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 080
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 0046

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

417477

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber / Cordett

Date (UTC): 2016 March 9 Time (UTC): 0059 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 081
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1649
Site and soil condition:	Sand / Rock
Stake (color and label) or NONE	Blue N081
Approximate distance to DAS cable	2 meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Trowel
Realized Longitude: DD.mmmm	119.000388W
Realized Latitude: DD.mmmm	39.80774N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes (Power line)	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 081
Resonant frequency:	**Vertical:** **N-S:** Yuma **E-W:**
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)** 0103

4163ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Thurber/Cardiff

Date (UTC): 2016 March 9 Time (UTC): 0111 **(local) Day of Week:**

PoroTomo Sensor Number:	N-082
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1620
Site and soil condition:	Clayey
Stake (color and label) or NONE	Blue N082
Approximate distance to DAS cable flag	2m from flag meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Hands
Realized Longitude: DD.mmmm	119.00001 W 4166ft
Realized Latitude: DD.mmmm	39.80824 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code: NN** 082
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)** 0114

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Cardiff / Thurber

Date (UTC): 2016 March 9 **Time (UTC):** 0125 **(local) Day of Week:** Tuesday

PoroTomo Sensor Number:	N- 083
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1617
Site and soil condition:	Clayey/
Stake (color and label) or NONE	Orange flag, inside DAS Apex
Approximate distance to DAS cable	3 meters meters
Burial Information:	Above ground: cm (Flush with surface) Below surface: cm
Digging tools used	Trowel
Realized Longitude: DD.mmmm	~~118.0~~ 118.99949W 4152 Ft
Realized Latitude: DD.mmmm	39.80882 N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS:	**Your Waypoint code:** NN083
Resonant frequency:	**Vertical:** **N-S:** **E-W:** Yuma
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)** 0127

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: CT XZ

Date (UTC): 2016 March 10 **Time (UTC):** 1758 **(local) Day of Week:** Thursday

PoroTomo Sensor Number:	N- 084
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1632
Site and soil condition:	rock float over sand
Stake (color and label) or NONE	blue flagging on rocks
Approximate distance to ~~DAS cable~~ road	10 meters
Burial Information:	**Above ground:** cm **Flush with surface** **Below surface:** cm
Digging tools used	Already dug
Realized Longitude: DD.mmmm	-118.99866
Realized Latitude: DD.mmmm	39.80884
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? yes	**HHT used:** Ore 1
Number of your handheld GPS: 13	**Your Waypoint code: NN** 084
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)**

4176 ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March 10 Time (UTC): 18:06 (local) Day of Week: Thursday

PoroTomo Sensor Number:	**N- 085**
Sensor Owner:	**Utah (Oregon) UTEP**
Sensor Serial Number:	1627
Site and soil condition:	Rock float over sand
Stake (color and label) or NONE	blue flag
Approximate distance to DAS cable	3 **meters**
Burial Information:	**Above ground: cm** **Flush with surface** **Below surface:** 2 **cm**
Digging tools used	dug
Realized Longitude: DD.mmmm	-118.99841
Realized Latitude: DD.mmmm	39.80928
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** Ore 1
Number of your handheld GPS: 13	**Your Waypoint code: NN** 085
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: CT + XZ

Date (UTC): 2016 March 6 Time (UTC): 18:18 (local) Day of Week: Thursday

PoroTomo Sensor Number:	N- 086
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1631
Site and soil condition:	Sandy
Stake (color and label) or NONE	blue, new stake
Approximate distance to DAS cable	? meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	dug
Realized Longitude: DD.mmmm	-118.99787
Realized Latitude: DD.mmmm	39.80973
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Ore. 1
Number of your handheld GPS: 13	**Your Waypoint code: NN**
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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?

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: CT + XZ

Date (UTC): 2016 March 10 Time (UTC): 18:24 **(local) Day of Week:** Thursday

PoroTomo Sensor Number:	N- 087
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1634
Site and soil condition:	Sandy
Stake (color and label) or NONE	blue flagging
Approximate distance to DAS cable	1.5 meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	dug
Realized Longitude: DD.mmmm	-118.99746
Realized Latitude: DD.mmmm	39.81002
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East?	**HHT used:** One 1
Number of your handheld GPS: 13	**Your Waypoint code: NN** 087
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)**

4102 ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: GT + XZ

Date (UTC): 2016 March 11 Time (UTC): 01:12 **(local) Day of Week:** Thursday

PoroTomo Sensor Number:	N- 088
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1658
Site and soil condition:	tough sand with rocks
Stake (color and label) or NONE	blue flagging - lots
Approximate distance to DAS cable	? meters
Burial Information:	**Above ground:** 2 cm **Flush with surface** **Below surface:** cm
Digging tools used	dug
Realized Longitude: DD.mmmm	-119.00707
Realized Latitude: DD.mmmm	39.80112
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? ✓	**HHT used:** Ore 1
Number of your handheld GPS: 13	**Your Waypoint code: NN** 088
Resonant frequency:	**Vertical:** **N-S:** **E-W:**
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)**

4126 ft

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

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names:

Date (UTC): 2016 March 7 Time (UTC): **(local) Day of Week:** Monday

PoroTomo Sensor Number:	N- N089
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	00016607
Site and soil condition:	Sandy
Stake (color and label) or NONE	blue N089
Approximate distance to ~~DAS cable~~ stake	2 meters
Burial Information:	**Above ground:** cm **(Flush with surface)** **Below surface:** cm
Digging tools used	BLM
Realized Longitude: DD.mmmm	~~119.01141~~ 119.00680
Realized Latitude: DD.mmmm	~~N 39.79903~~ 39.80164
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: 29	**Your Waypoint code: NN** 089
Resonant frequency: USE YUMA	**Vertical:** **N-S:** **E-W:**
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)** 21:19

~~1.27km~~ 4012 ? ft

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

Cone 03:22:21:53

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Rob Skarbek, Amanda Thomas, Cliff Thurber

Date (UTC): 2016 March 7 Time (UTC): 21:30 **(local) Day of Week:** Monday

PoroTomo Sensor Number:	N- 090
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1590
Site and soil condition:	Rocks over sand
Stake (color and label) or NONE	blue flagging
Approximate distance to ~~DAS cable~~ stake	meters
Burial Information:	Above ground: cm Flush with surface Below surface: cm
Digging tools used	BLM
Realized Longitude: DD.mmmm	~~120~~ 119.01141
Realized Latitude: DD.mmmm	39.~~49~~9903
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Yes Oregon 1
Number of your handheld GPS: 29	**Your Waypoint code: NN** 090
Resonant frequency: Need Yuma!	**Vertical:** **N-S:** **E-W:**
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)** 21:38

119.00623
39.80214
Eley
~~1228~~
4147 ft

UTC date (2016/03/ 7)	UTC time (hh:mm) 21:30	2 quick blinks? Yes but also 4 slow blinks

PoroTomo Project March 2016 Nodal Data Sheet

Installer Names: Rob Skaback Amanda Thomas, & Cliff Thurber

Date (UTC): 2016 March 7 Time (UTC): 2142 (local) Day of Week: Monday

PoroTomo Sensor Number:	N- 091
Sensor Owner:	Utah (Oregon) UTEP
Sensor Serial Number:	1595
Site and soil condition:	Sandy under rocks
Stake (color and label) or NONE	blue flagging
Approximate distance to ~~DAS cable~~ Stake	1 meter meters
Burial Information:	Above ground: cm Flush with surface ✓ Below surface: cm
Digging tools used	BLM
Realized Longitude: DD.mmmm	119.01141 W
Realized Latitude: DD.mmmm	~~39.79903~~ N
Did you orient arrow to True North using a Brunton compass with declination set to 13.5 deg East? Yes	**HHT used:** Oregon 1
Number of your handheld GPS: 29	**Your Waypoint code: NN** 091
Resonant frequency: Need Yuma	**Vertical:** NaN **N-S:** **E-W:**
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)**

39.80259
119.00575
~~Elev~~
~~1229~~
4152
ft

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