

APPENDIX J

PENETRATION GRAPHS

Penetration Graph for Core No. A01_PHYSICAL, Run 1 of 1

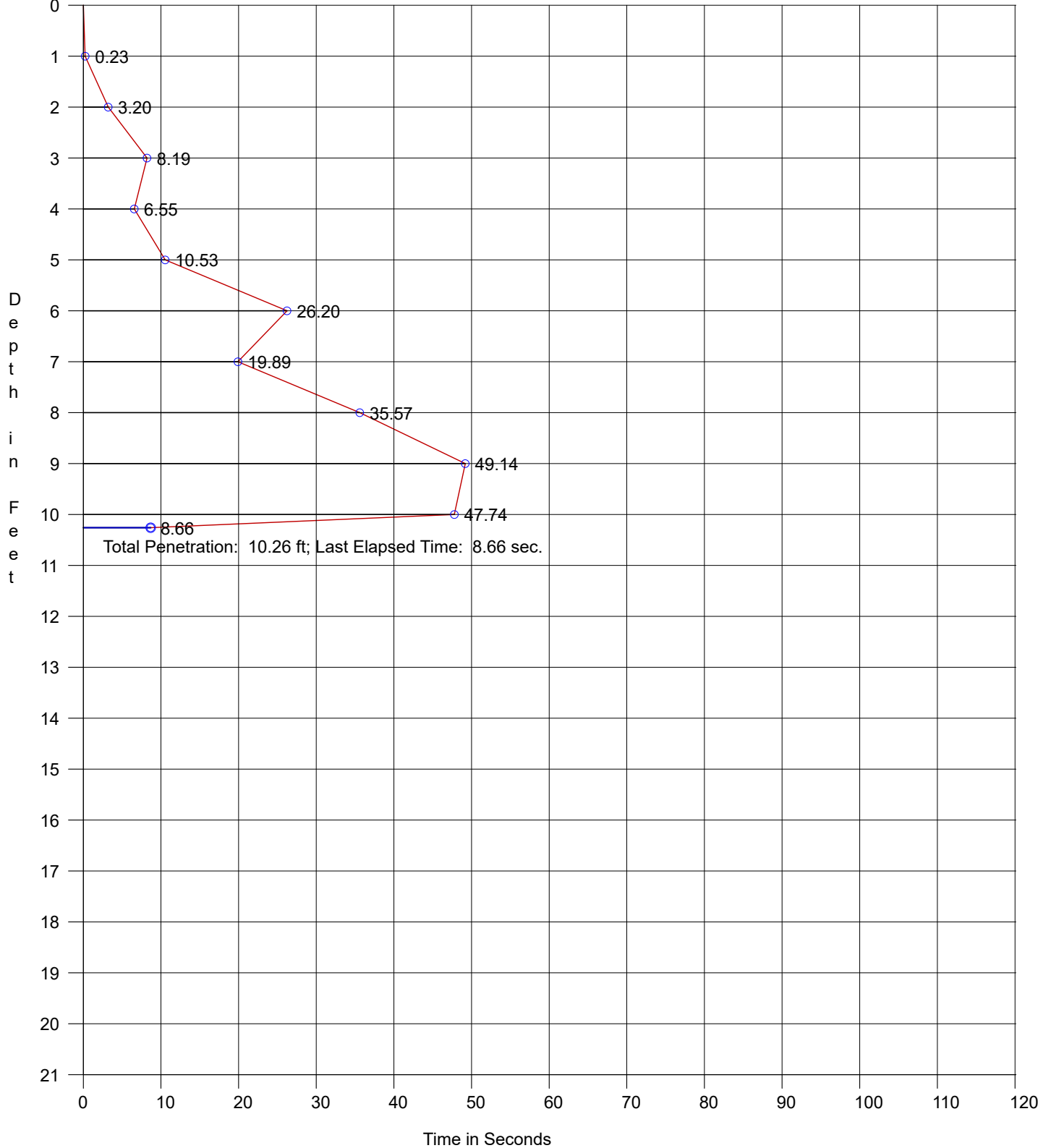
Date: 9/10/2016
Start Time: 12:38:20
End Time: 12:42:50

Penetration: 10.26 ft
Recovery: 11.25 ft
W. D. Corrected: 27.6 ft
W. D. Raw: 27 ft

Easting: 495225.19
Northing: 4271626.71
Coord. System: UTM-NAD83

Lat: 38° 35.5867' N
Long: 75° 03.2897' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A02_PHYSICAL, Run 1 of 1

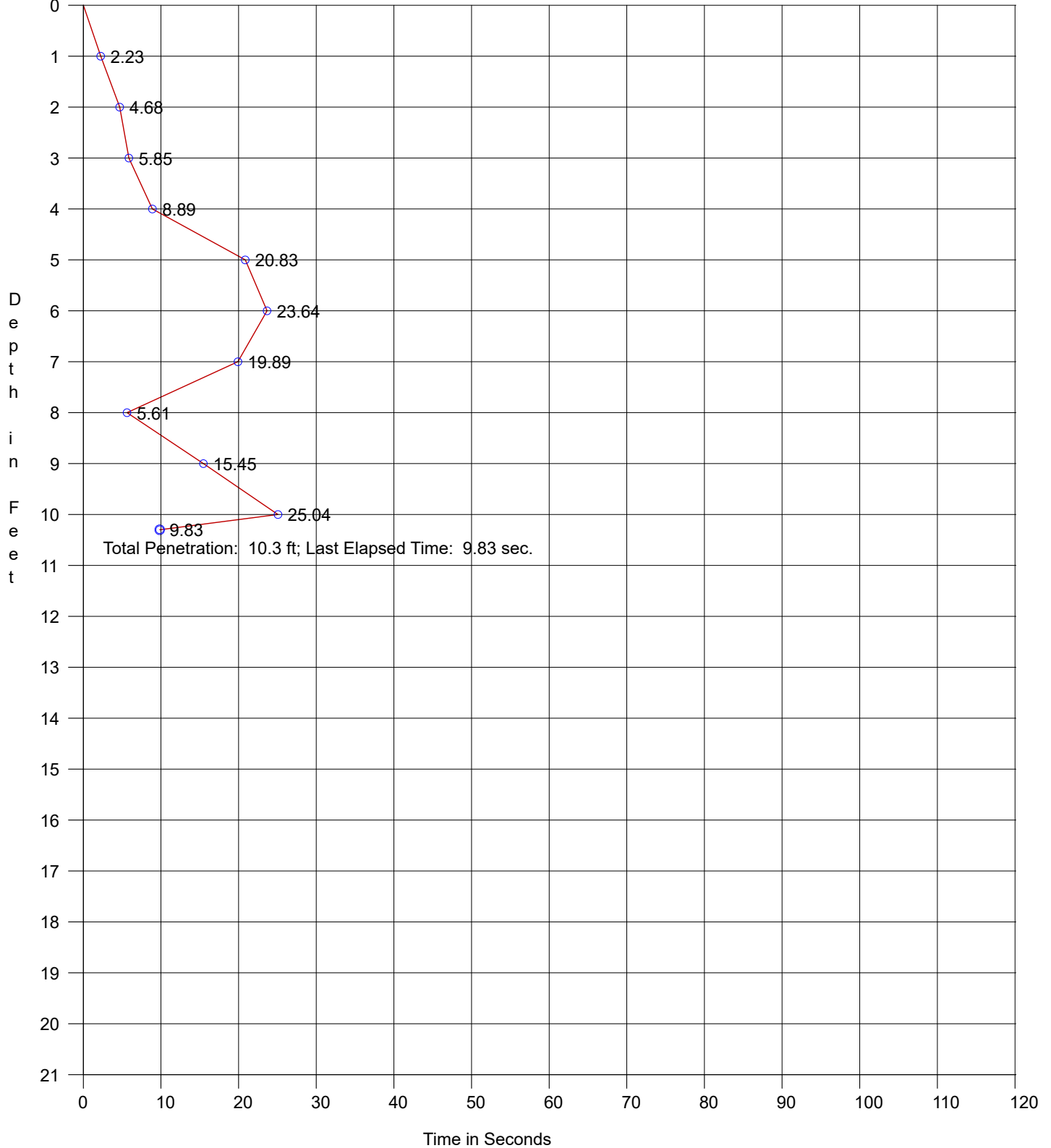
Date: 9/10/2016
Start Time: 11:40:29
End Time: 11:43:03

Penetration: 10.30 ft
Recovery: 10.30 ft
W. D. Corrected: 26.9 ft
W. D. Raw: 25 ft

Easting: 495226.58
Northing: 4271595.68
Coord. System: UTM-NAD83

Lat: 38° 35.5699' N
Long: 75° 03.2888' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A03_Physical, Run 1 of 1

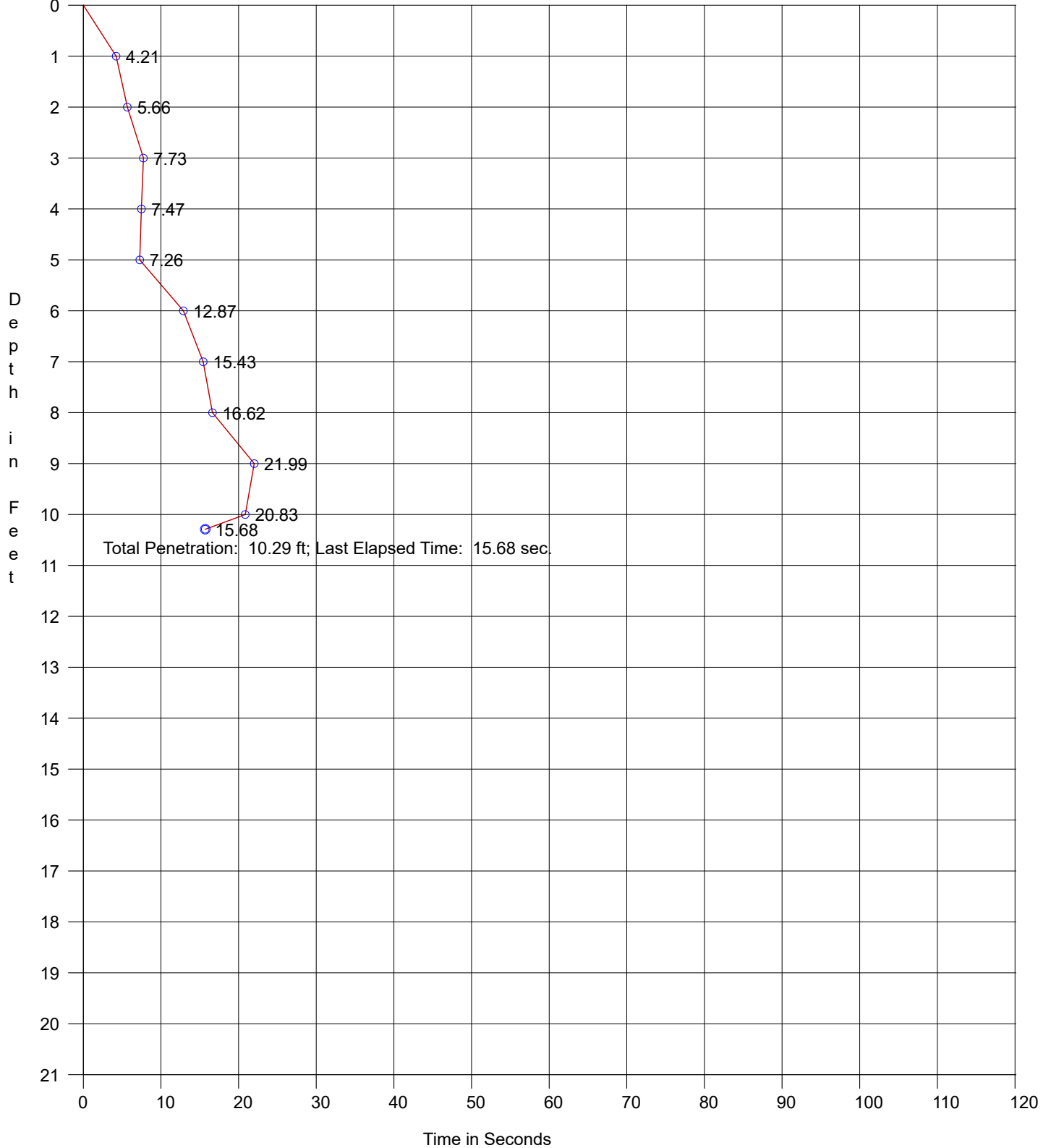
Date: 9/9/2016
Start Time: 20:58:32
End Time: 21:01:15

Penetration: 10.29 ft
Recovery: 10.25 ft
W. D. Corrected: 26.6 ft
W. D. Raw: 25 ft

Easting: 495236.59
Northing: 4271564.31
Coord. System: UTM-NAD83

Lat: 38° 35.5529' N
Long: 75° 03.2819' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A04_Physical, Run 1 of 1

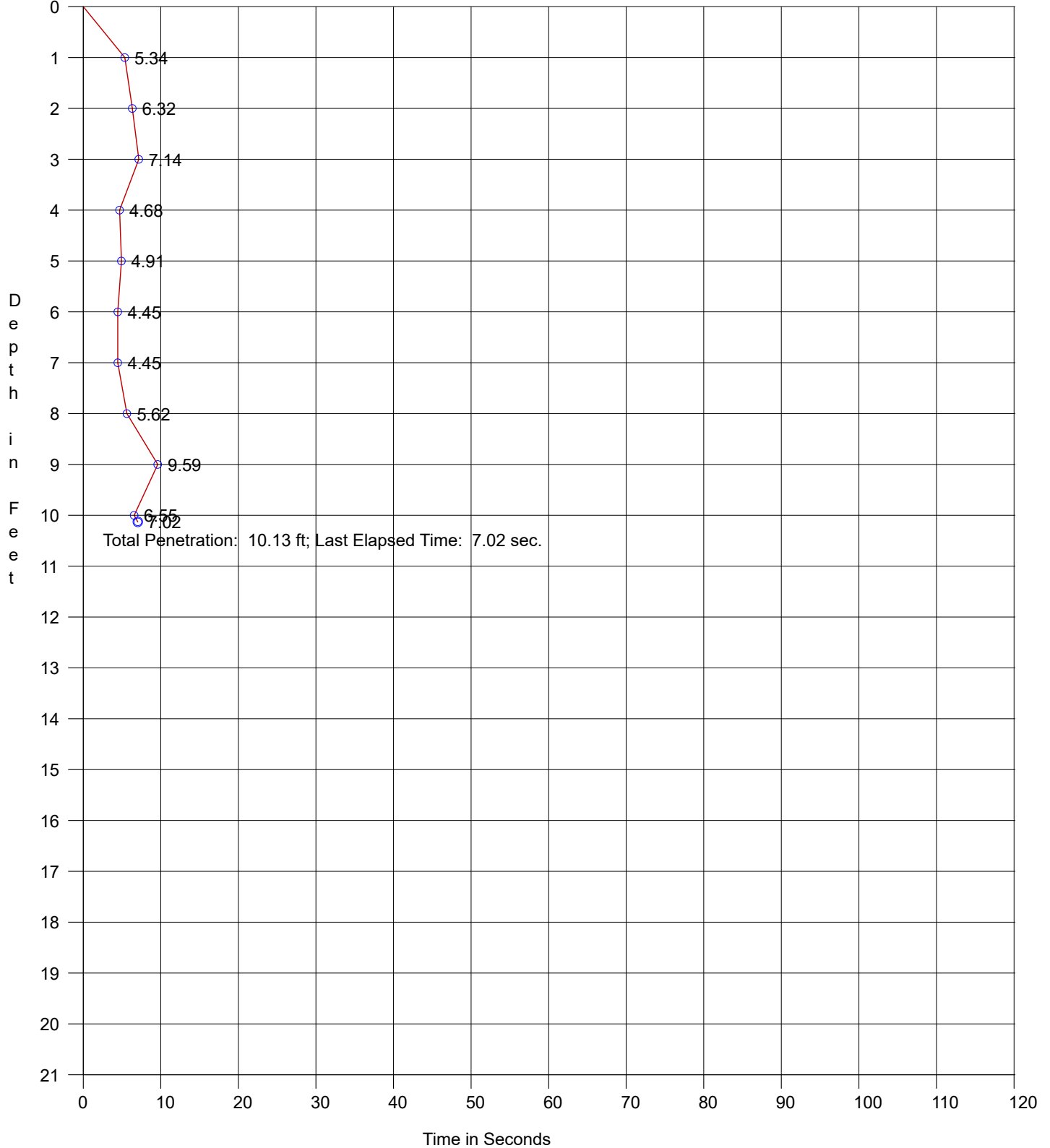
Date: 9/10/2016
Start Time: 16:04:59
End Time: 16:09:33

Penetration: 10.13 ft
Recovery: 10.00 ft
W. D. Corrected: 37.1 ft
W. D. Raw: 37 ft

Easting: 496728.70
Northing: 4271045.67
Coord. System: UTM-NAD83

Lat: 38° 35.2729' N
Long: 75° 02.2537' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A05_PHYSICAL, Run 1 of 1

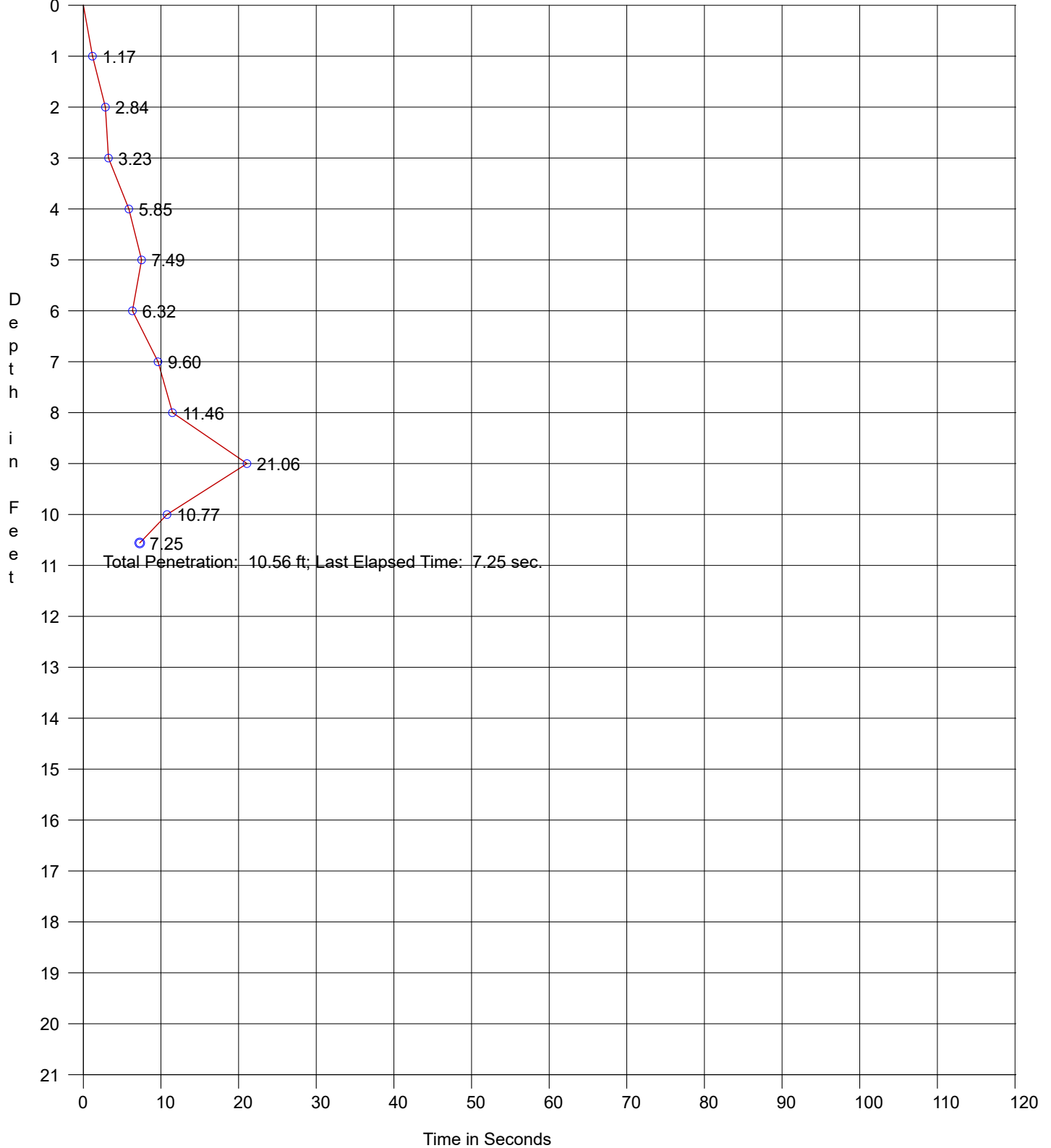
Date: 9/13/2016
Start Time: 12:19:59
End Time: 12:21:54

Penetration: 10.56 ft
Recovery: 10.00 ft
W. D. Corrected: 41.0 ft
W. D. Raw: 42 ft

Easting: 498134.88
Northing: 4270259.92
Coord. System: UTM-NAD83

Lat: 38° 34.8483' N
Long: 75° 01.2848' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A06_PHYSICAL, Run 1 of 1

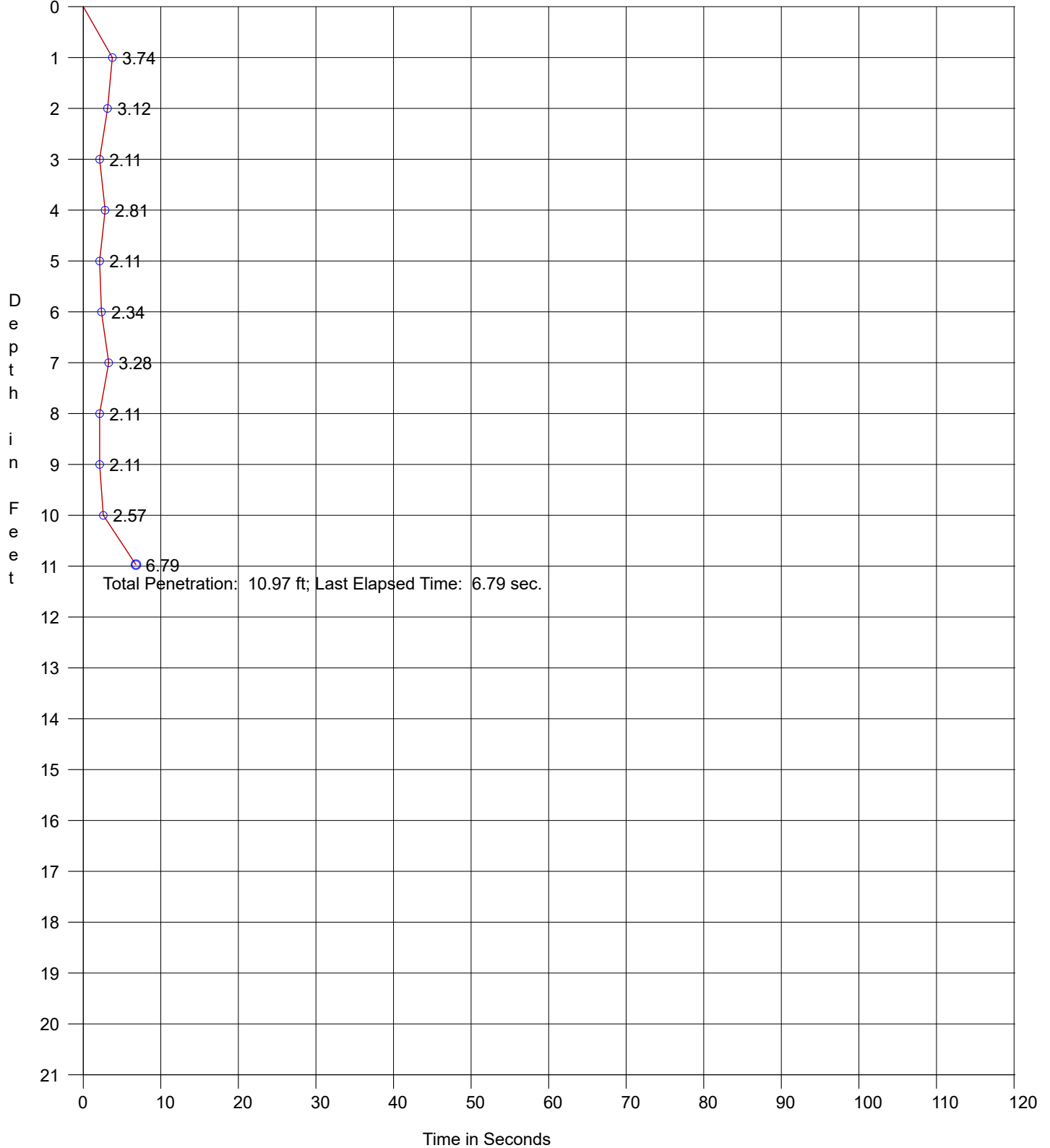
Date: 9/13/2016
Start Time: 13:29:30
End Time: 13:30:25

Penetration: 10.97 ft
Recovery: 10.00 ft
W. D. Corrected: 43.3 ft
W. D. Raw: 44 ft

Easting: 499544.20
Northing: 4269496.75
Coord. System: UTM-NAD83

Lat: 38° 34.4357' N
Long: 75° 00.3139' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A07_PHYSICAL, Run 1 of 1

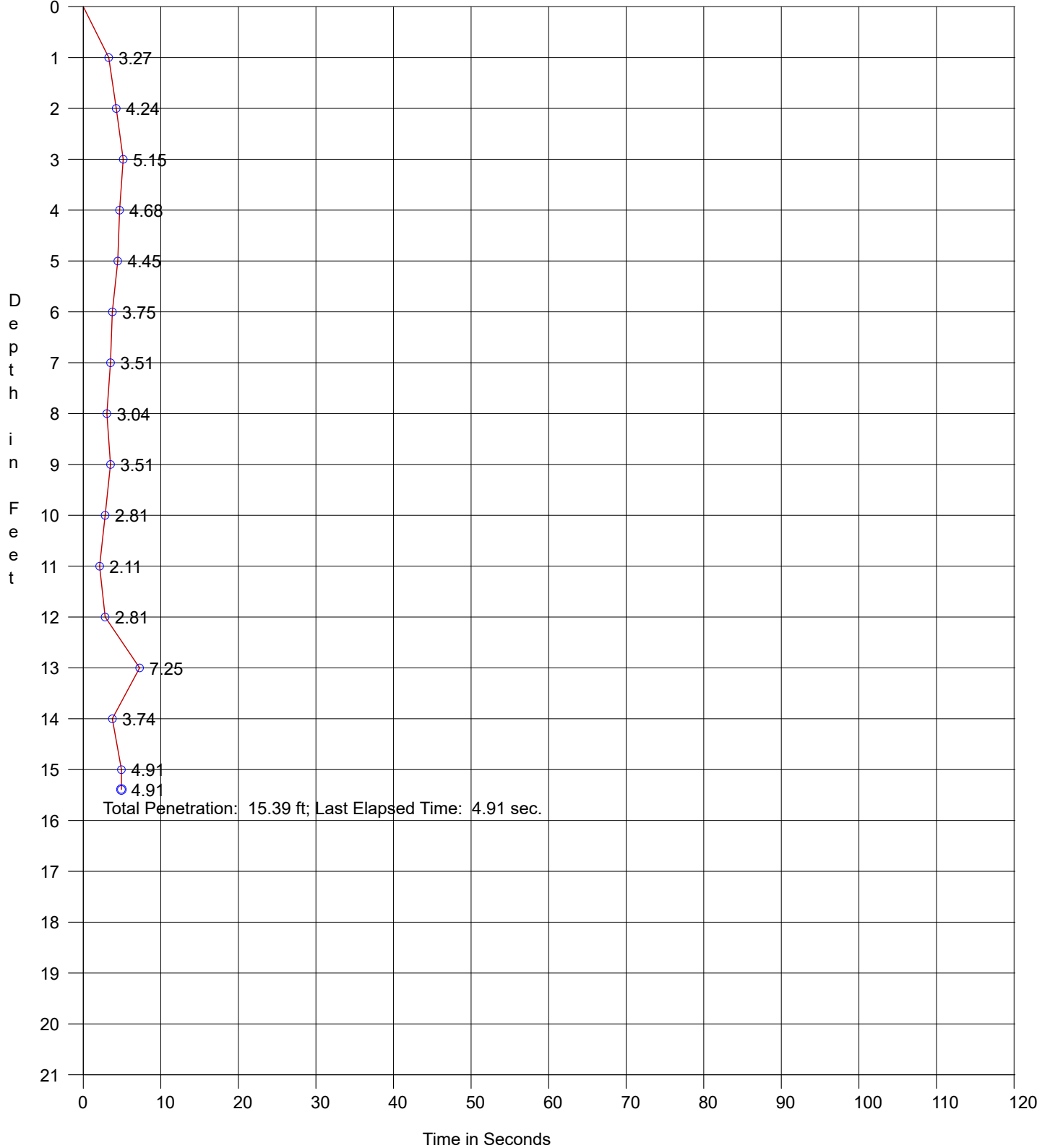
Date: 9/13/2016
Start Time: 13:48:53
End Time: 13:50:09

Penetration: 15.39 ft
Recovery: 15.25 ft
W. D. Corrected: 42.3 ft
W. D. Raw: 41 ft

Easting: 500642.69
Northing: 4268905.65
Coord. System: UTM-NAD83

Lat: 38° 34.1161' N
Long: 74° 59.5573' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A08_PHYSICAL, Run 1 of 1

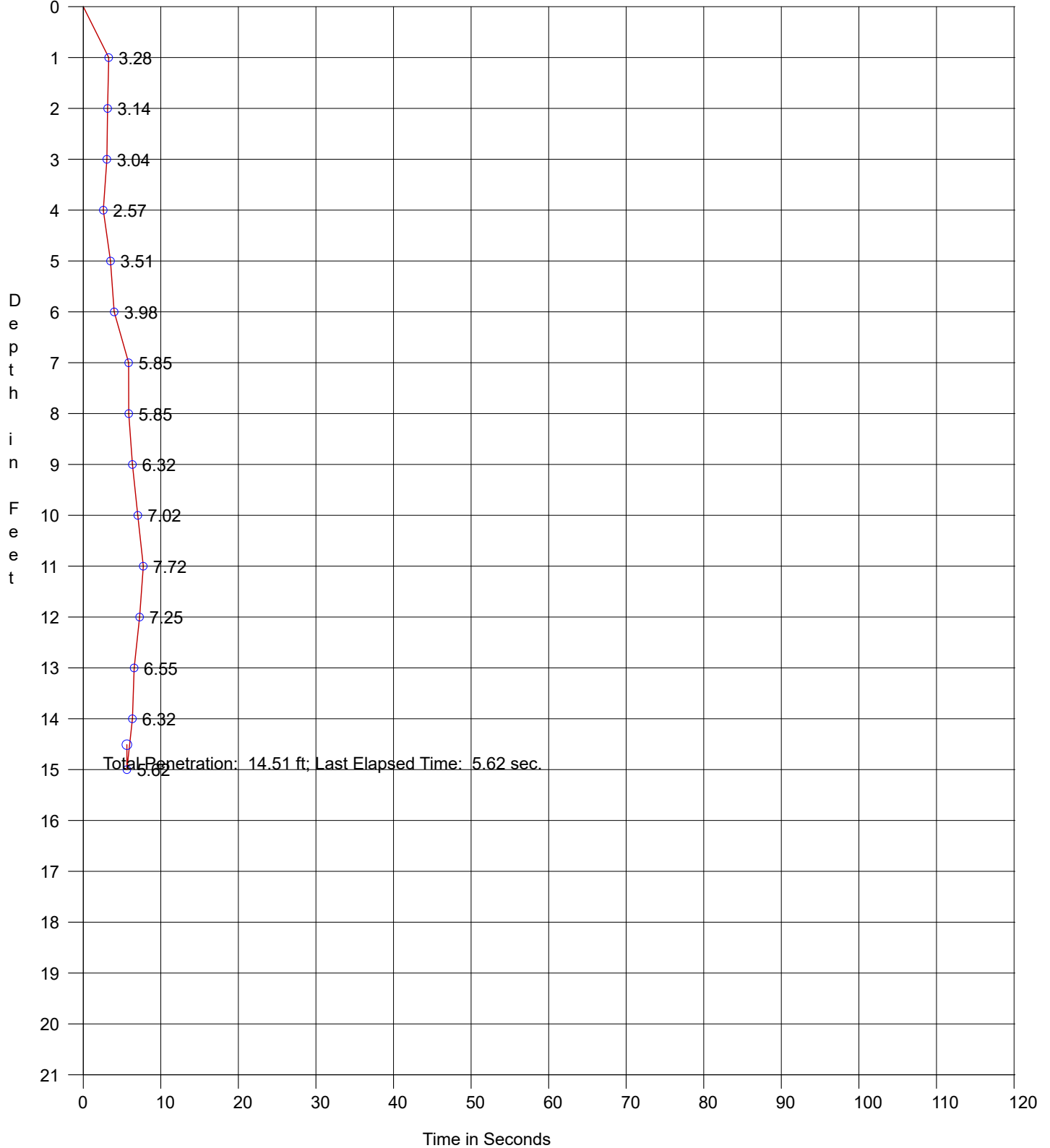
Date: 9/13/2016
Start Time: 14:14:27
End Time: 14:16:30

Penetration: 14.51 ft
Recovery: 15.42 ft
W. D. Corrected: 48.9 ft
W. D. Raw: 47 ft

Easting: 502398.14
Northing: 4267953.42
Coord. System: UTM-NAD83

Lat: 38° 33.6010' N
Long: 74° 58.3485' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A09_PHYSICAL, Run 1 of 1

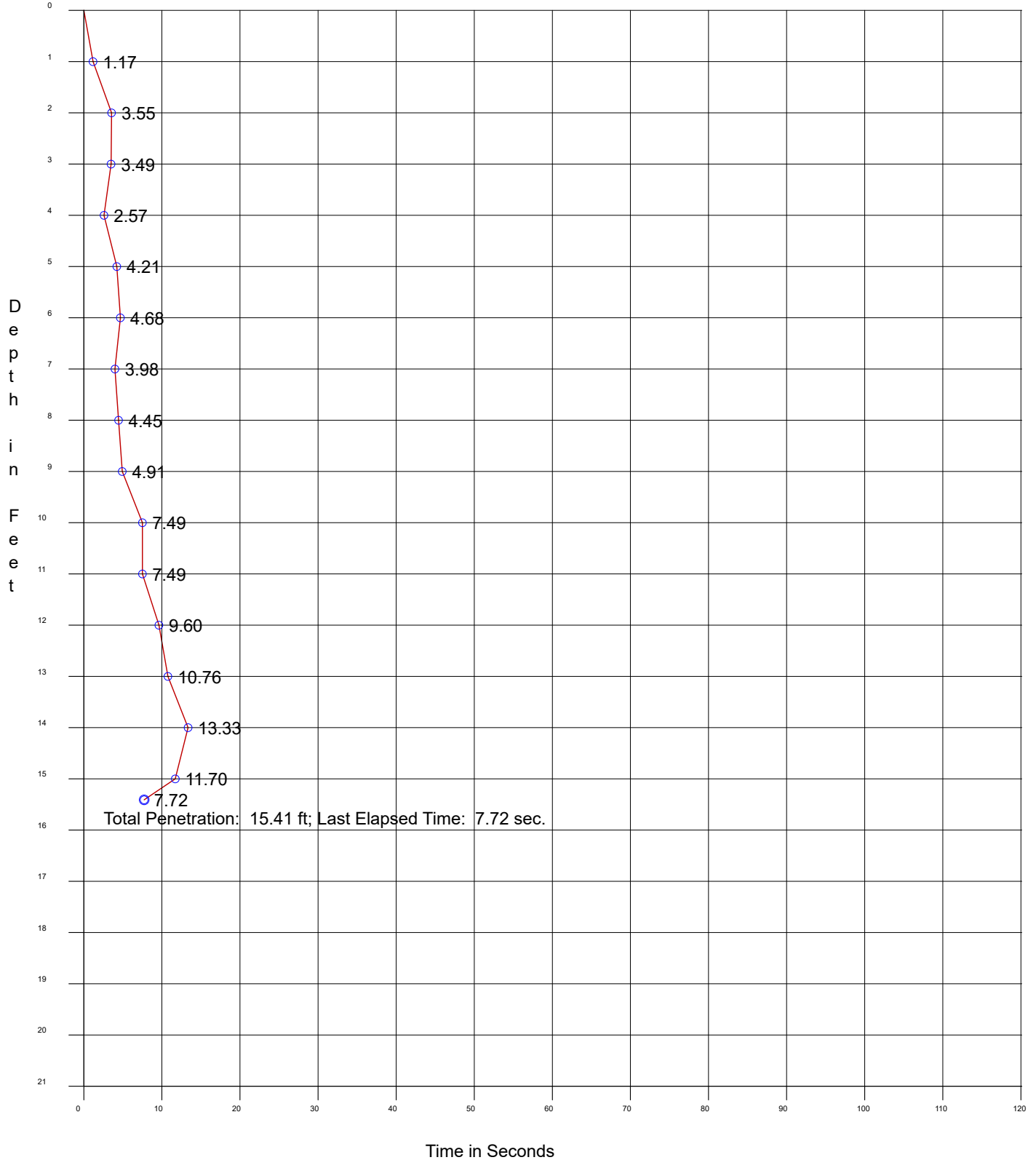
Date: 9/13/2016
Start Time: 15:25:11
End Time: 15:27:13

Penetration: 15.41 ft
Recovery: 15.33 ft
W. D. Corrected: 58.1 ft
W. D. Raw: 58 ft

Easting: 504145.05
Northing: 4267007.90
Coord. System: UTM-NAD83

Lat: 38° 33.0894' N
Long: 74° 57.1458' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A10_PHYSICAL, Run 1 of 1

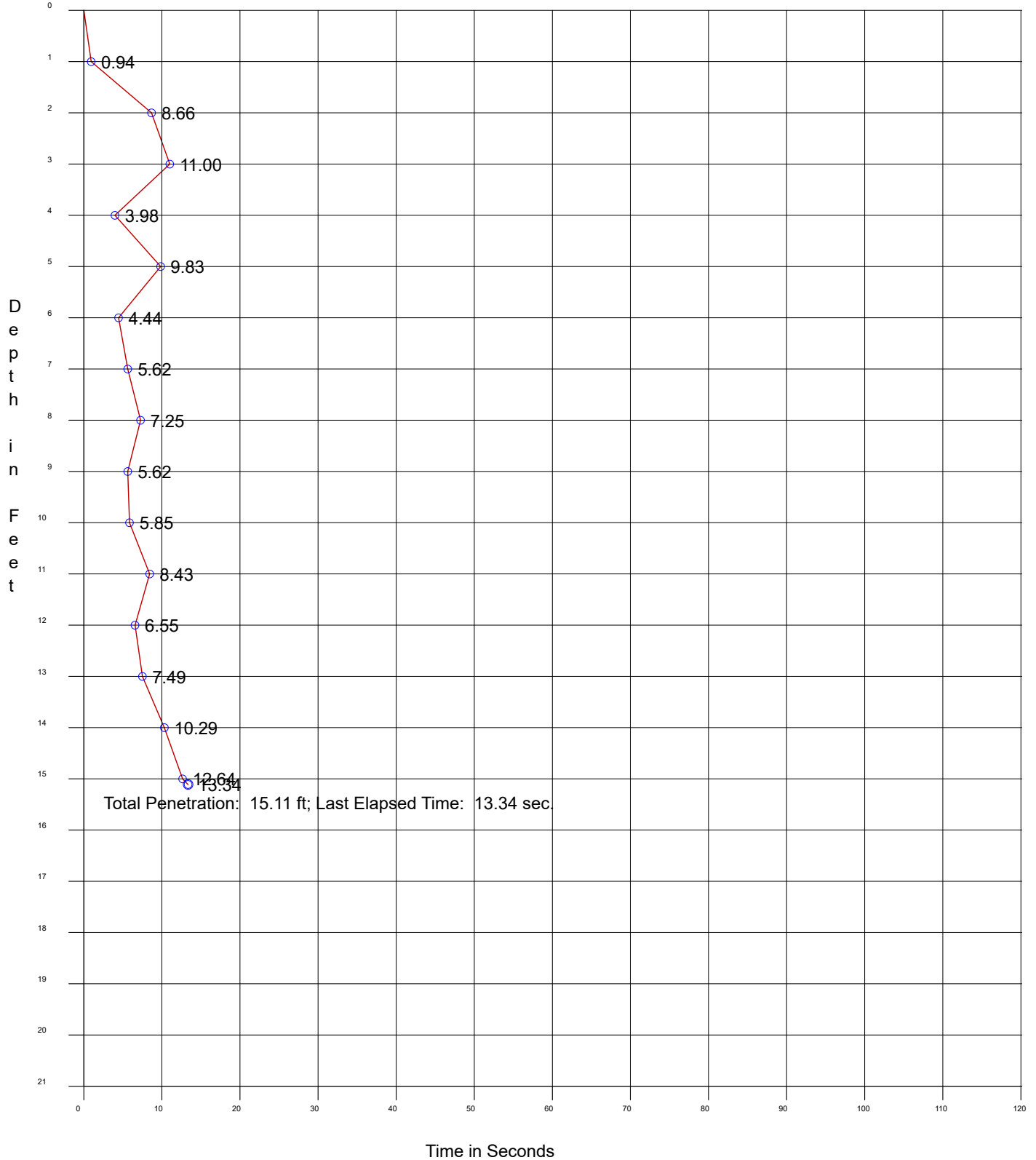
Date: 9/13/2016
Start Time: 17:30:07
End Time: 17:32:09

Penetration: 15.11 ft
Recovery: 15.00 ft
W. D. Corrected: 62.3 ft
W. D. Raw: 62 ft

Easting: 505899.68
Northing: 4266065.65
Coord. System: UTM-NAD83

Lat: 38° 32.5793' N
Long: 74° 55.9381' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A11_PHYSICAL, Run 1 of 1

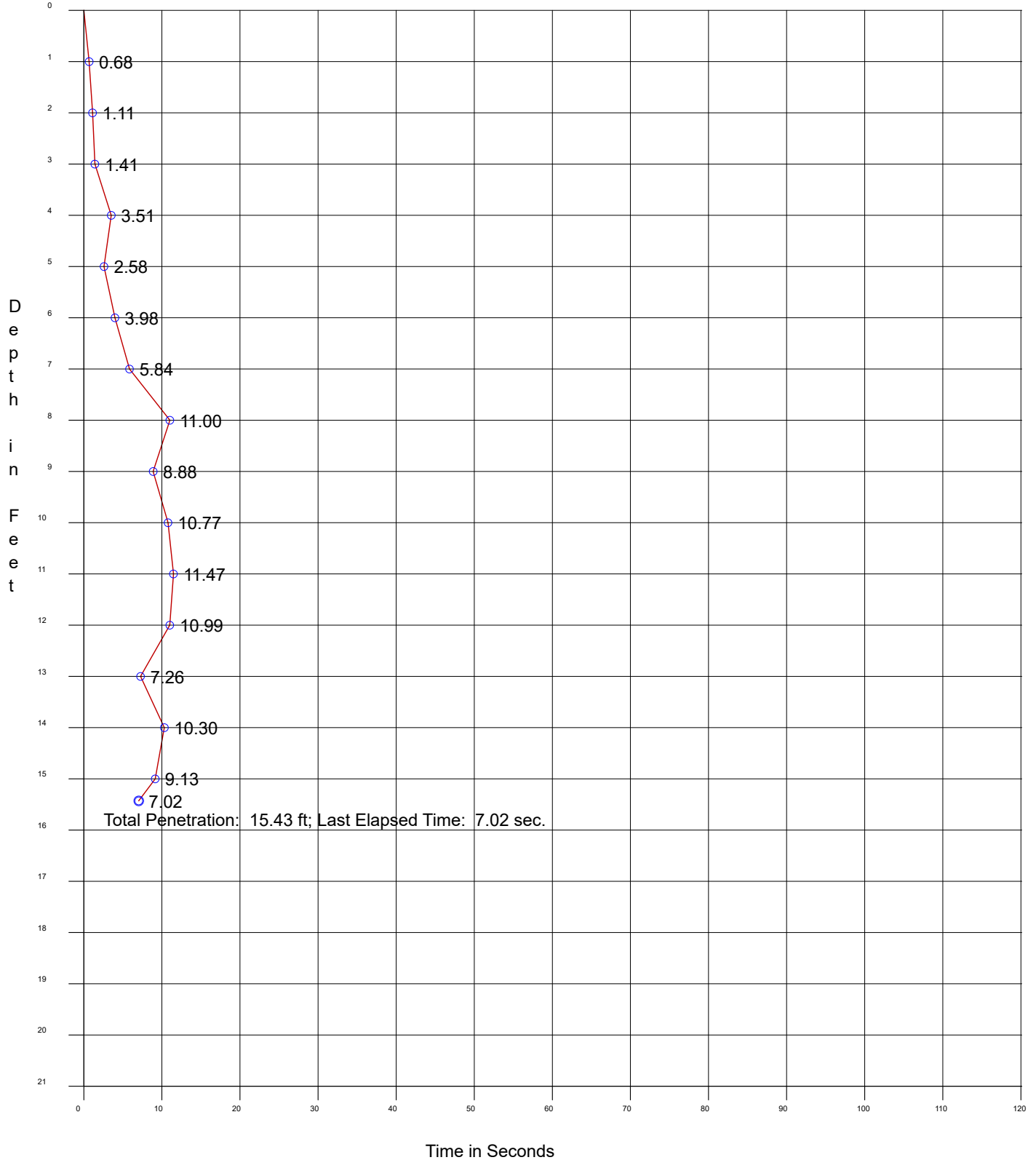
Date: 9/13/2016
Start Time: 18:50:00
End Time: 18:52:14

Penetration: 15.43 ft
Recovery: 15.33 ft
W. D. Corrected: 60.7 ft
W. D. Raw: 62 ft

Easting: 507658.96
Northing: 4265121.04
Coord. System: UTM-NAD83

Lat: 38° 32.0677' N
Long: 74° 54.7274' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A12_PHYSICAL, Run 1 of 1

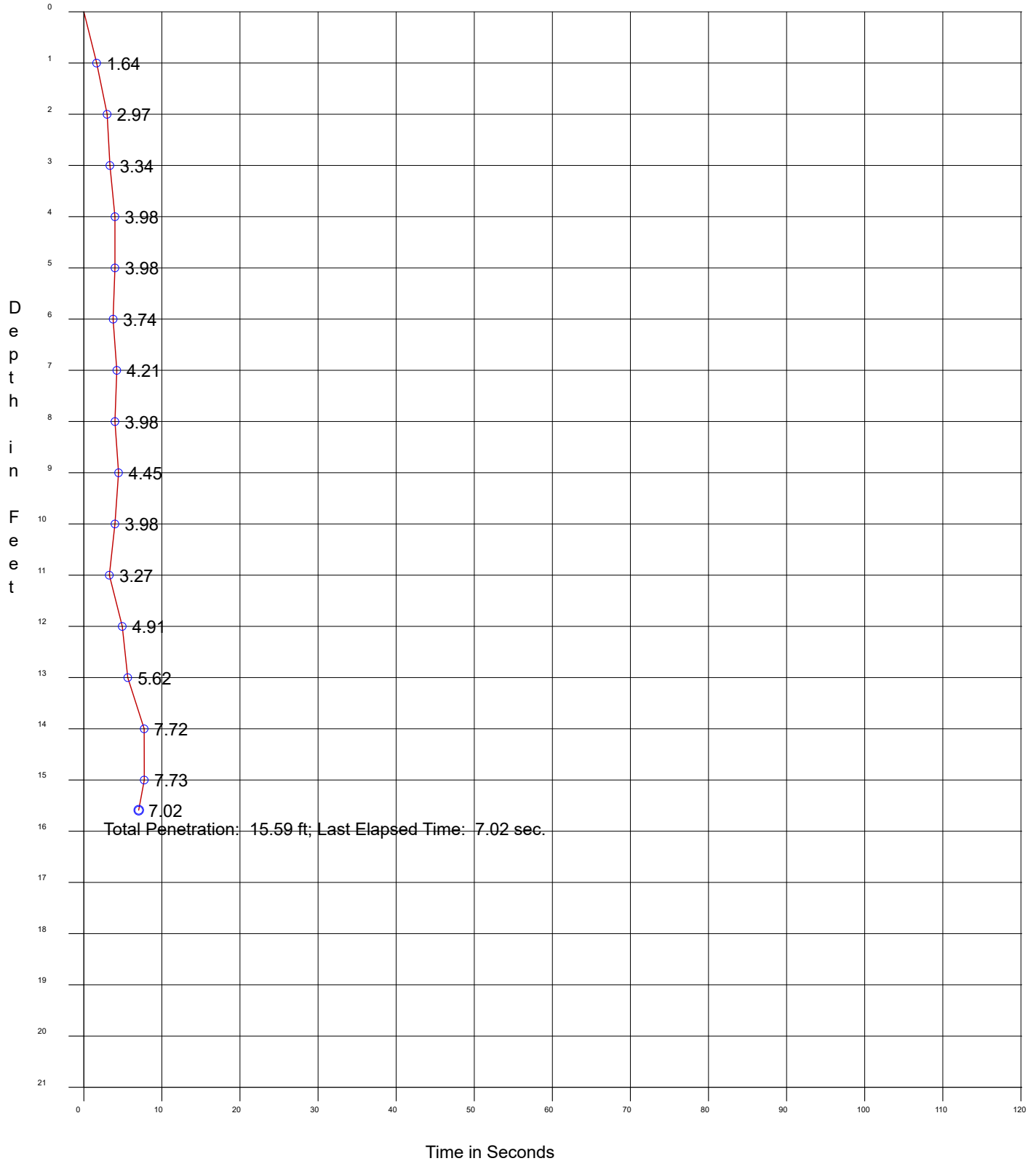
Date: 9/13/2016
Start Time: 19:21:39
End Time: 19:23:17

Penetration: 15.59 ft
Recovery: 14.25 ft
W. D. Corrected: 59.4 ft
W. D. Raw: 62 ft

Easting: 509417.55
Northing: 4264171.19
Coord. System: UTM-NAD83

Lat: 38° 31.5531' N
Long: 74° 53.5176' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A13_PHYSICAL, Run 1 of 1

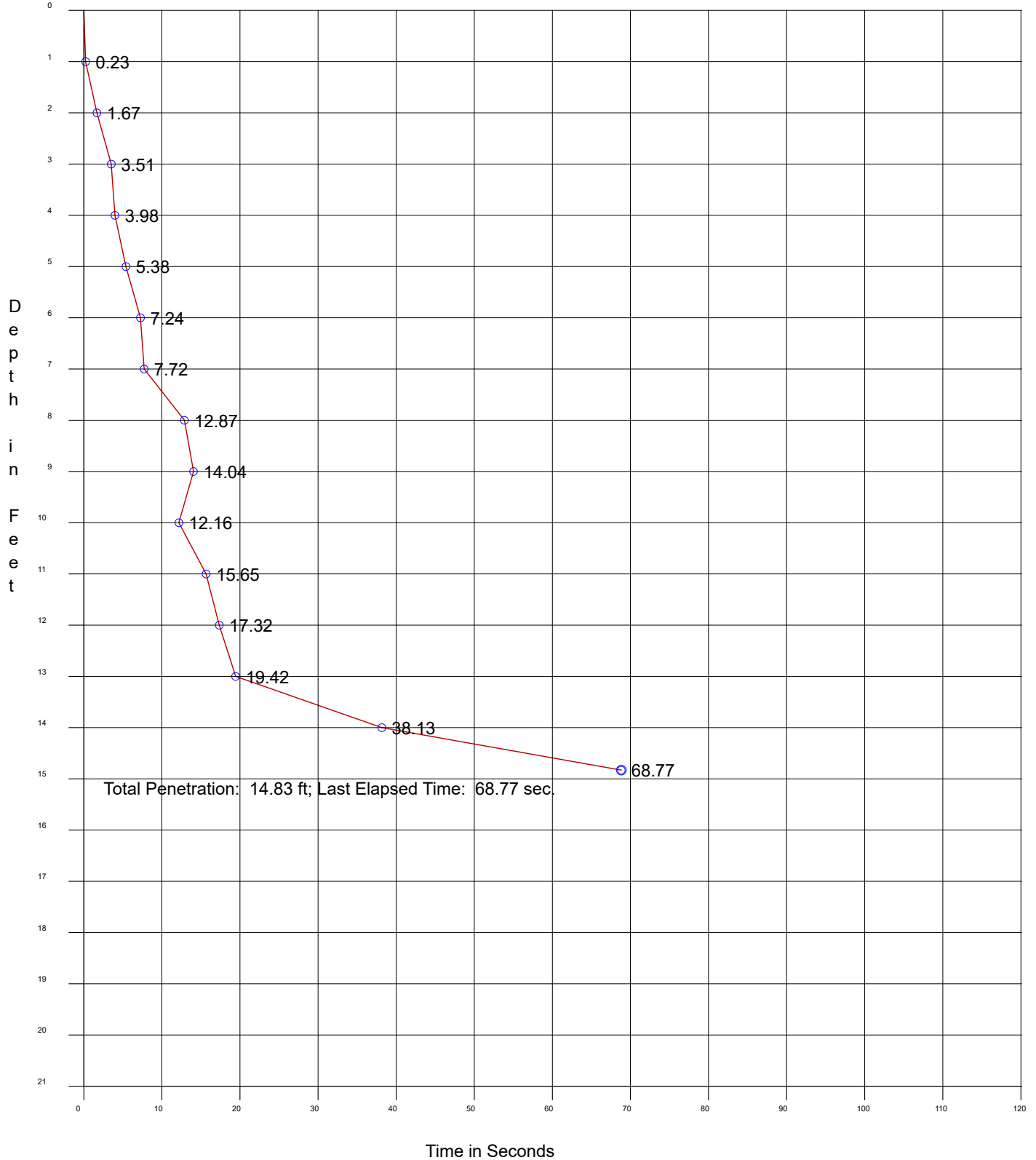
Date: 9/13/2016
Start Time: 19:57:07
End Time: 20:01:11

Penetration: 14.83 ft
Recovery: 14.83 ft
W. D. Corrected: 61.0 ft
W. D. Raw: 64 ft

Easting: 511177.25
Northing: 4263217.10
Coord. System: UTM-NAD83

Lat: 38° 31.0360' N
Long: 74° 52.3072' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A14-PHYSICAL, Run

Date: 9/13/2016

Start Time:

End Time:

Penetration:

Recovery:

W. D. Corrected: 65.9 ft

W. D. Raw: 0.00 m

Easting: 512936.66

Northing: 4262269.74

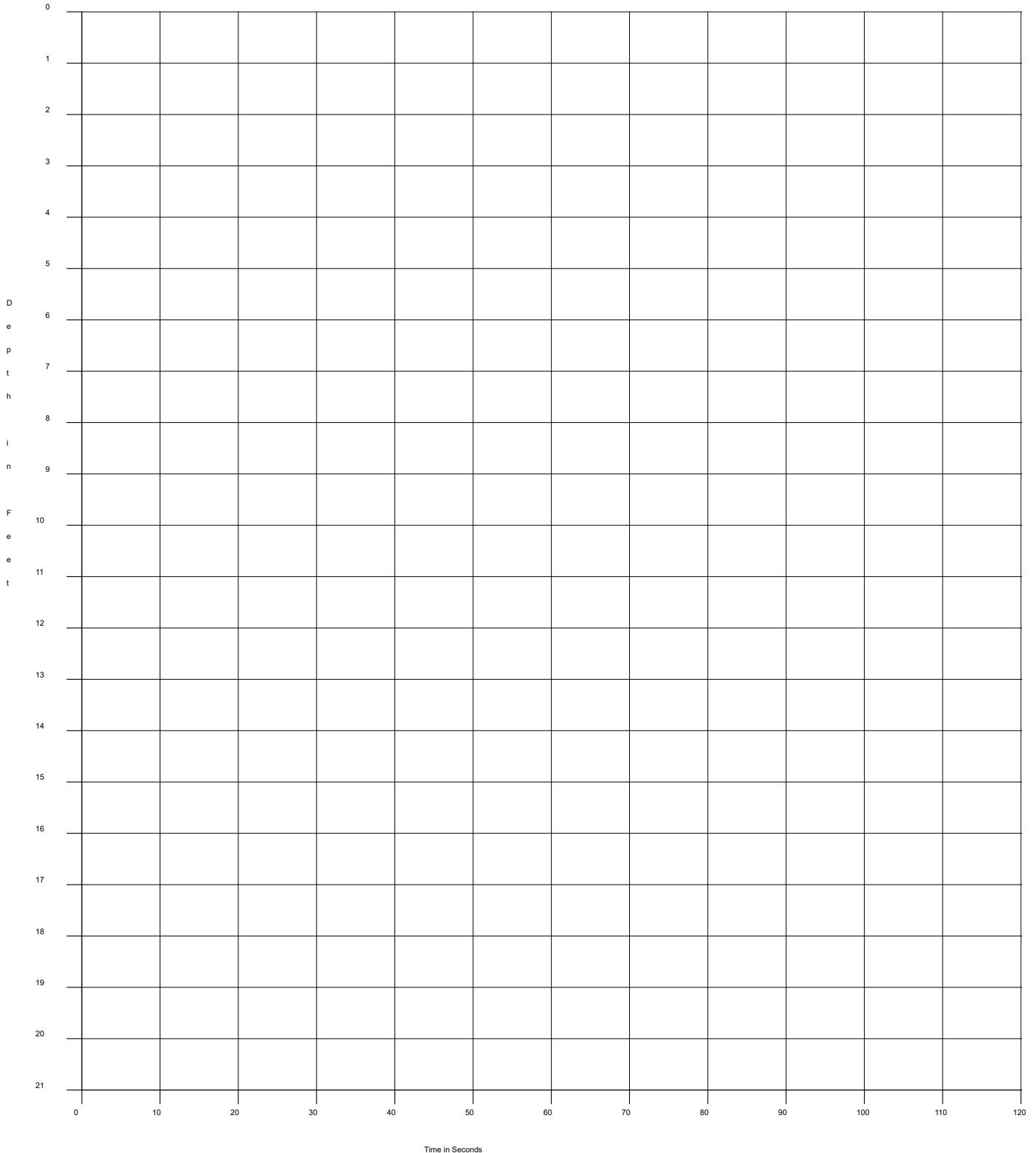
Coord. System: UTM-NAD83

Lat: 3830.5223 N

Long: 07451.0973 W

Datum: GRS-1980

Comment: Penetration Data Not Saved



Penetration Graph for Core No. A15_PHYSICAL, Run 1 of 1

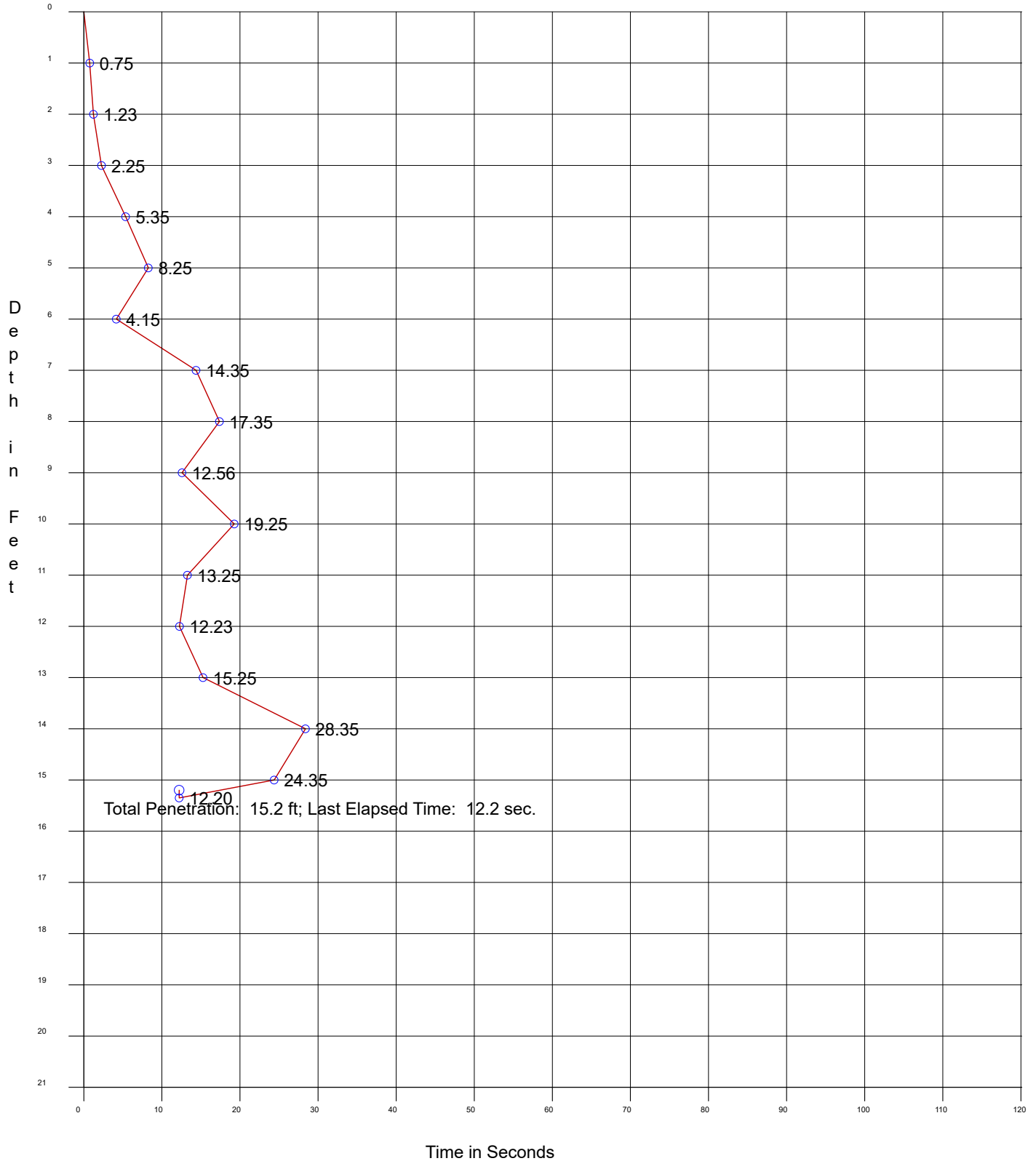
Date: 9/13/2016
Start Time: 20:58:02
End Time: 21:02:10

Penetration: 15.20 ft
Recovery: 15.25 ft
W. D. Corrected: 76.1 ft
W. D. Raw: 79 ft

Easting: 514245.26
Northing: 4261560.99
Coord. System: UTM -NAD83

Lat: 38° 30.1378' N
Long: 74° 50.1977' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A16_PHYSICAL, Run 1 of 1

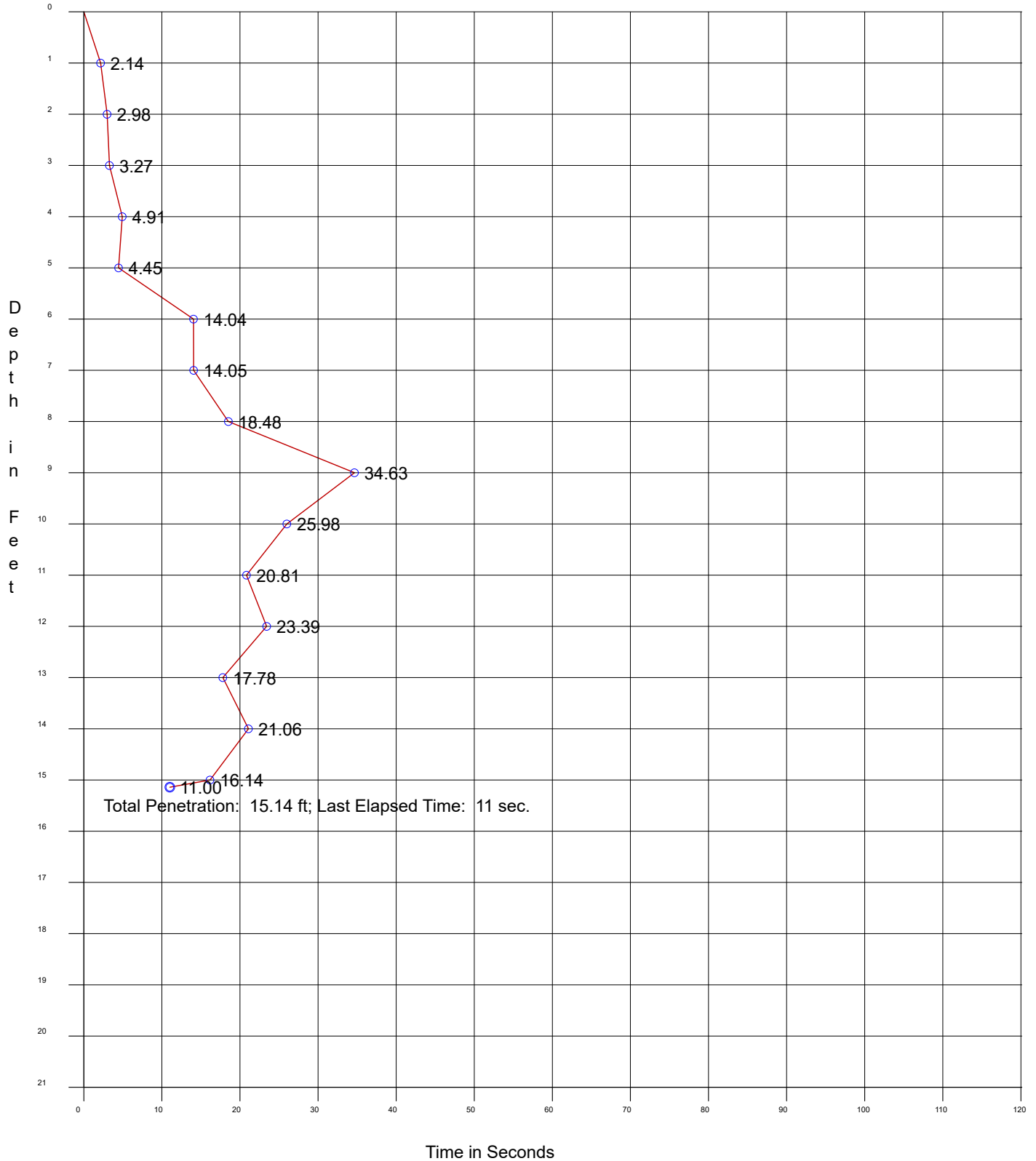
Date: 9/14/2016
Start Time: 21:13:17
End Time: 21:17:48

Penetration: 15.14 ft
Recovery: 15.17 ft
W. D. Corrected: 76.1 ft
W. D. Raw: 79 ft

Easting: 514097.00
Northing: 4259571.44
Coord. System: UTM-NAD83

Lat: 38° 29.0622' N
Long: 74° 50.3021' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A17_PHYSICAL, Run 1 of 1

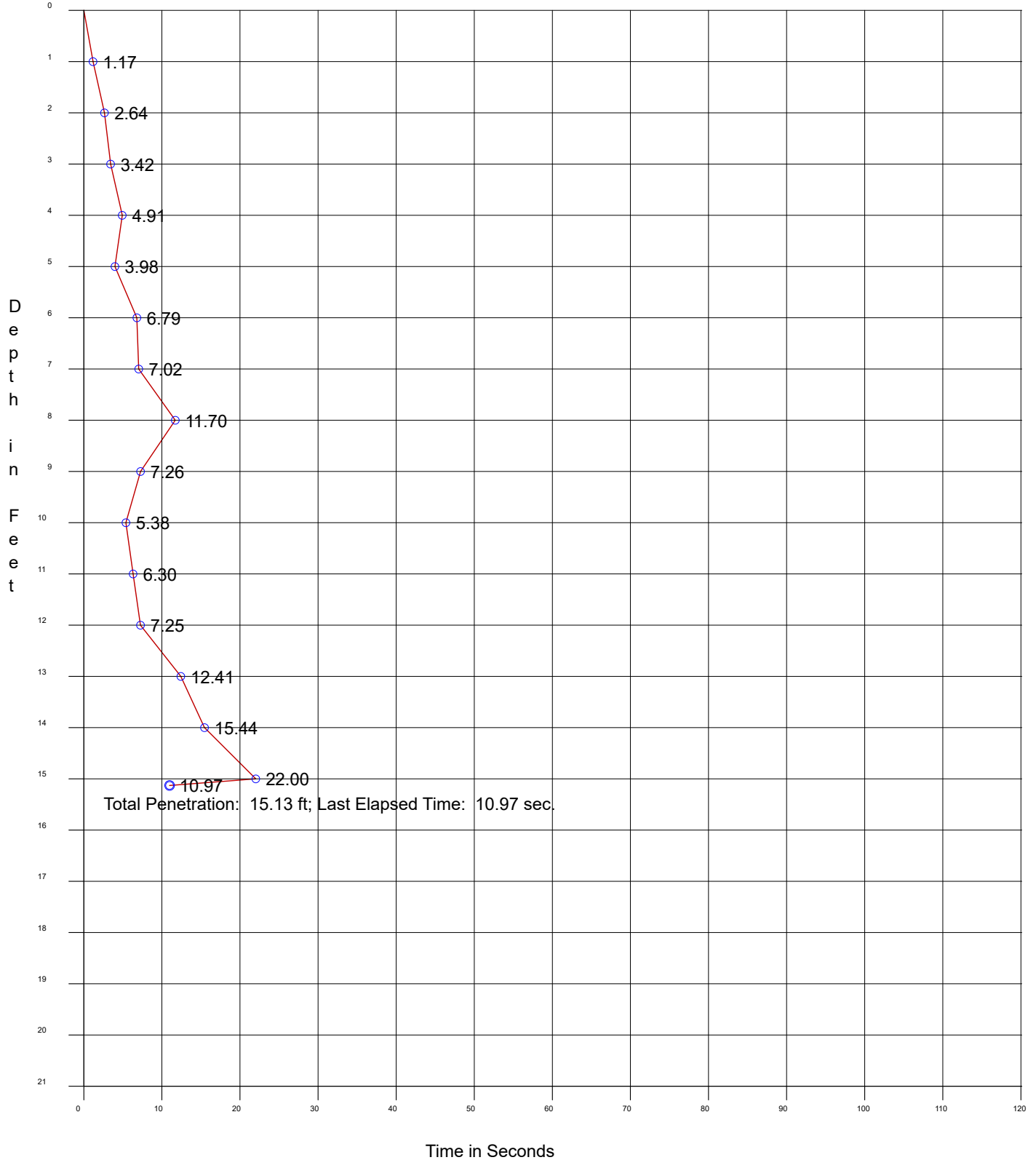
Date: 9/14/2016
Start Time: 21:47:56
End Time: 21:50:34

Penetration: 15.13 ft
Recovery: 15.24 ft
W. D. Corrected: 75.8 ft
W. D. Raw: 76 ft

Easting: 513950.38
Northing: 4257629.34
Coord. System: UTM-NAD83

Lat: 38° 28.0122' N
Long: 74° 50.4053' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A18_PHYSICAL, Run 1 of 1

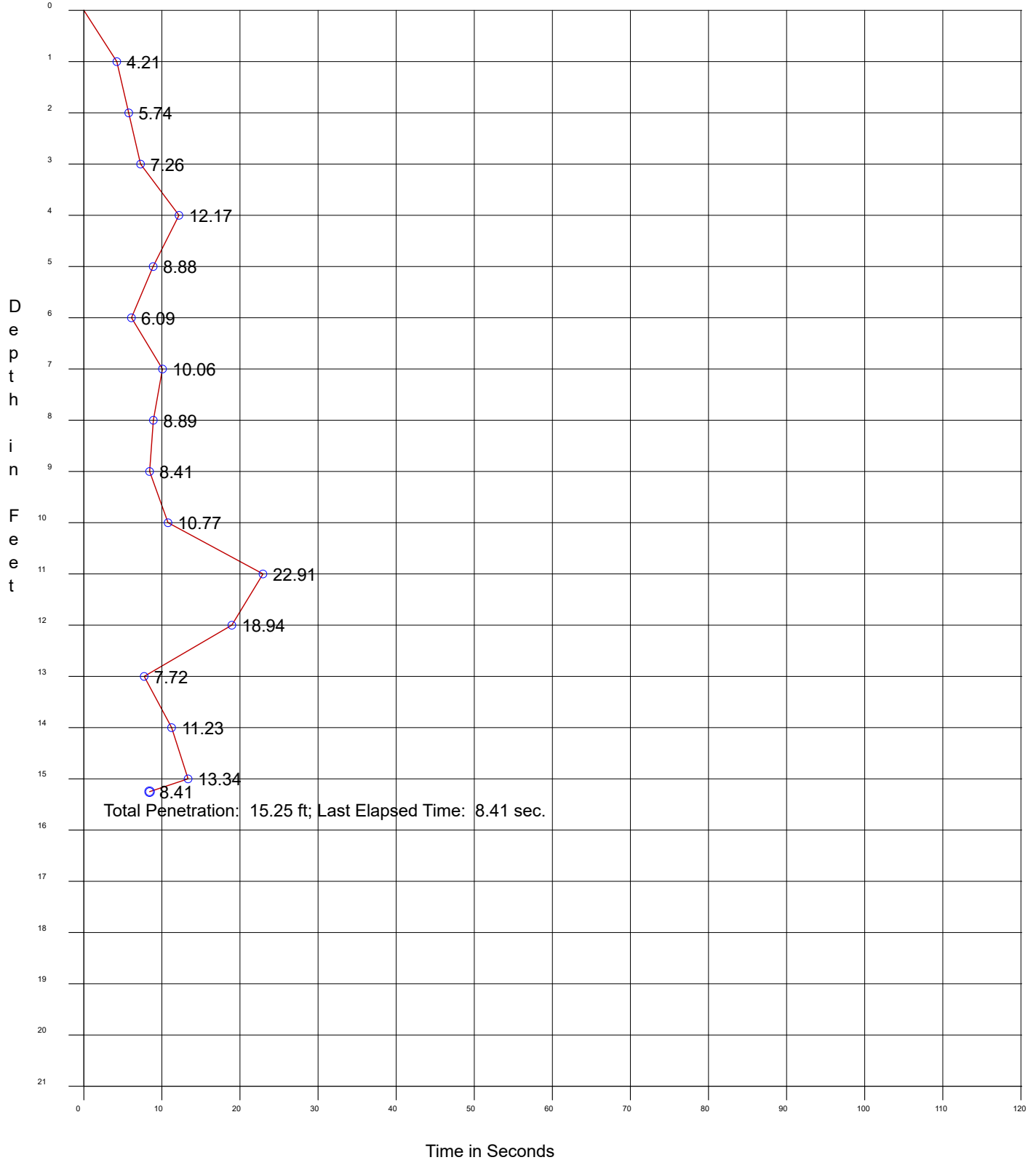
Date: 9/13/2016
Start Time: 22:17:15
End Time: 22:20:22

Penetration: 15.25 ft
Recovery: 15.25 ft
W. D. Corrected: 82.0 ft
W. D. Raw: 85 ft

Easting: 516585.31
Northing: 4260219.25
Coord. System: UTM-NAD83

Lat: 38° 29.4099' N
Long: 74° 48.5894' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A19_PHYSICAL, Run 1 of 1

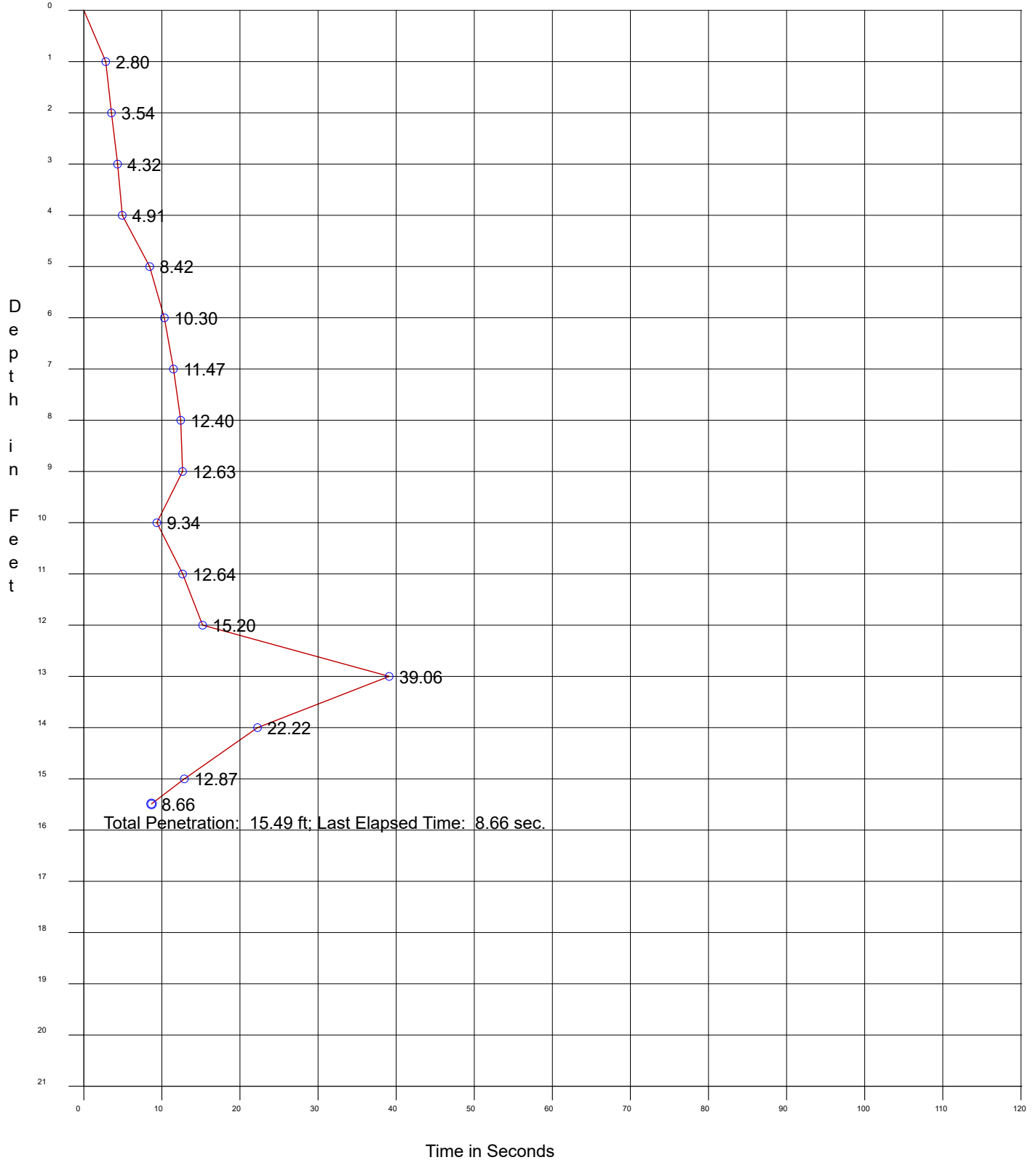
Date: 9/14/2016
Start Time: 20:37:34
End Time: 20:41:33

Penetration: 15.49 ft
Recovery: 15.08 ft
W. D. Corrected: 77.8 ft
W. D. Raw: 80 ft

Easting: 516671.22
Northing: 4258245.46
Coord. System: UTM-NAD83

Lat: 38° 28.3425' N
Long: 74° 48.5331' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A20_PHYSICAL, Run 1 of 1

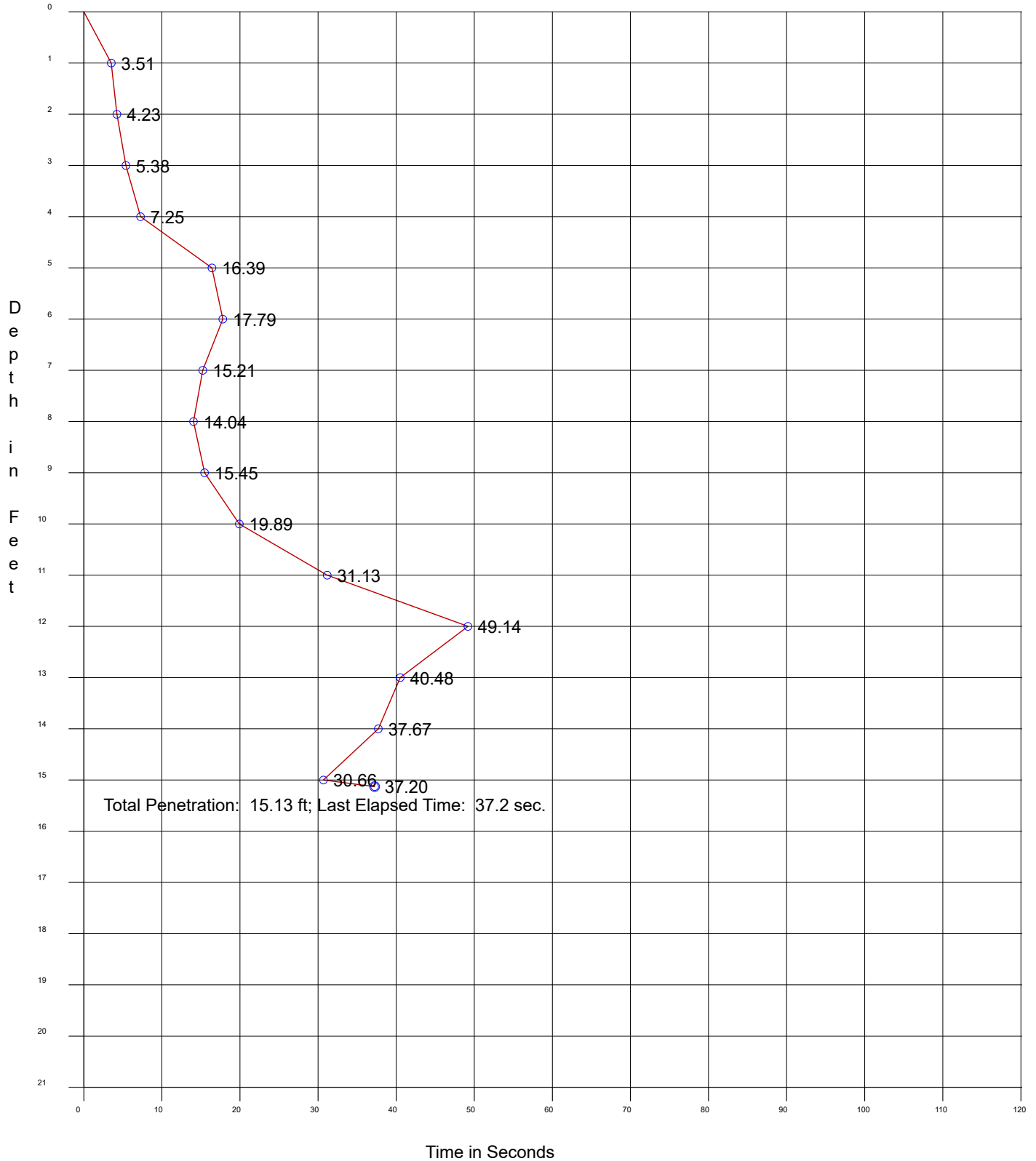
Date: 9/14/2016
Start Time: 11:32:29
End Time: 11:38:31

Penetration: 15.13 ft
Recovery: 15.08 ft
W. D. Corrected: 81.0 ft
W. D. Raw: 82 ft

Easting: 518004.00
Northing: 4259097.45
Coord. System: UTM-NAD83

Lat: 38° 28.8017' N
Long: 74° 47.6150' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A21_PHYSICAL, Run 1 of 1

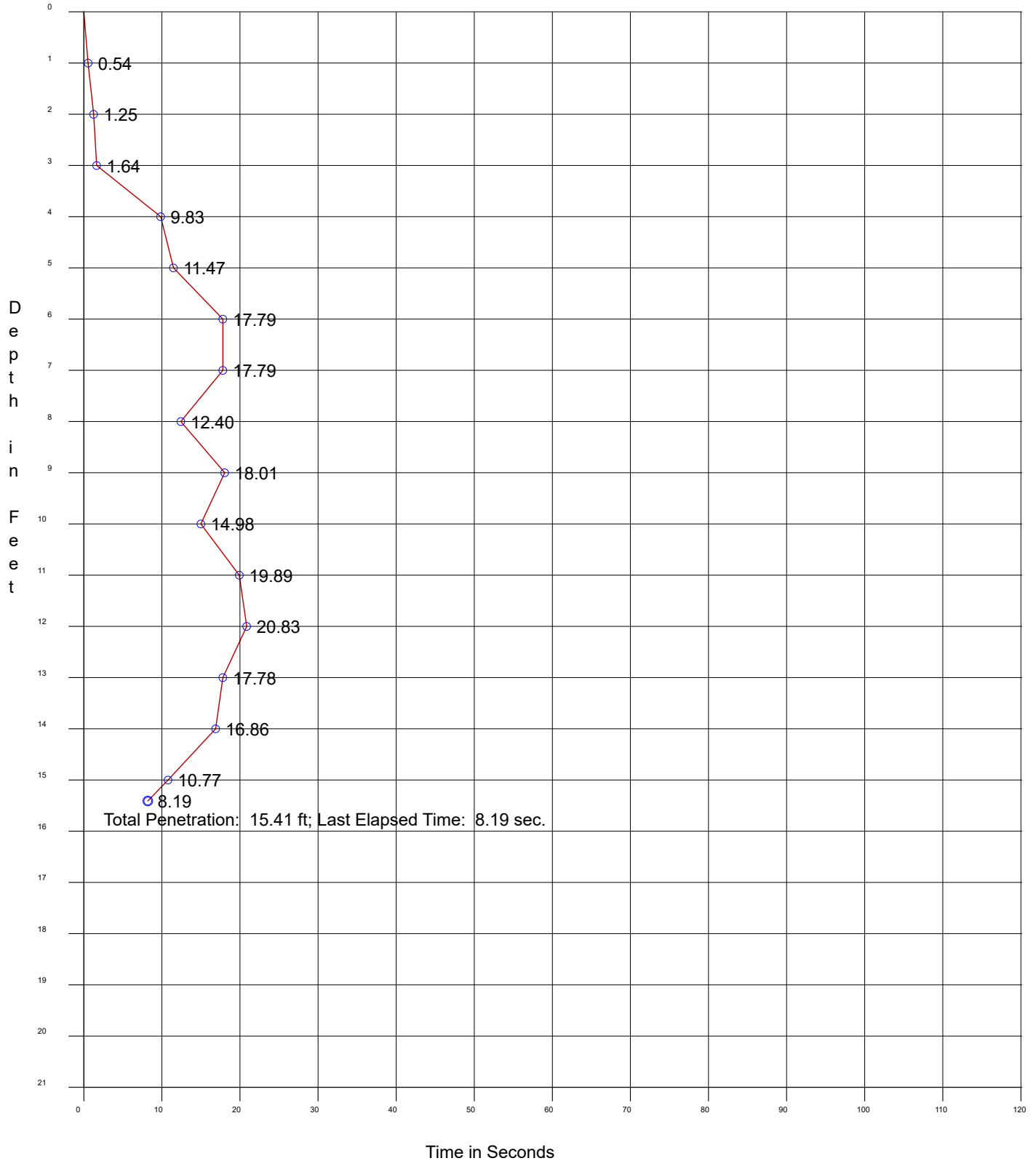
Date: 9/14/2016
Start Time: 14:43:30
End Time: 14:47:18

Penetration: 15.41 ft
Recovery: 15.40 ft
W. D. Corrected: 88.9 ft
W. D. Raw: 87 ft

Easting: 519497.42
Northing: 4257761.88
Coord. System: UTM-NAD83

Lat: 38° 28.0776' N
Long: 74° 46.5900' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A22_PHYSICAL, Run 1 of 1

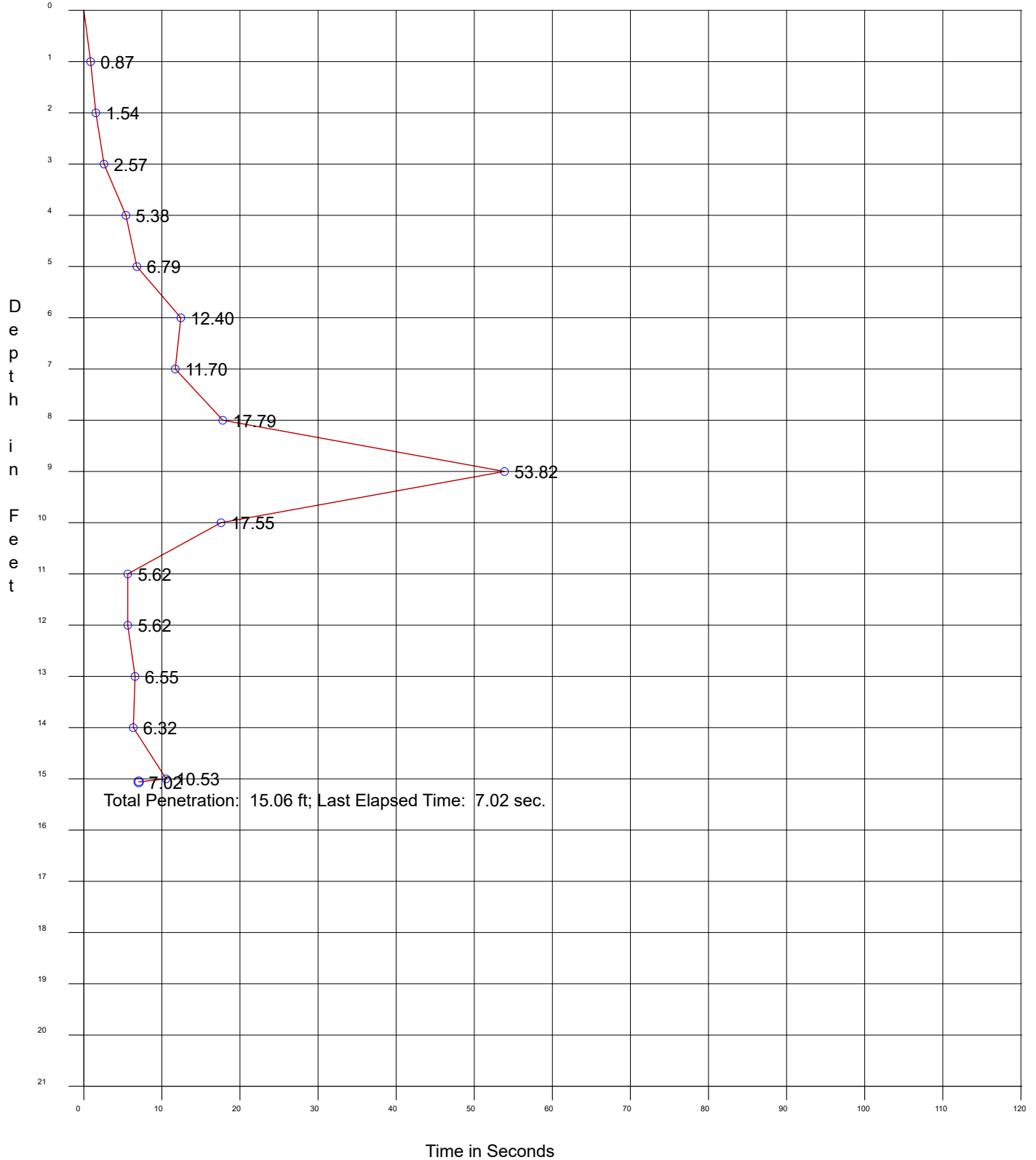
Date: 9/14/2016
Start Time: 16:56:05
End Time: 16:59:27

Penetration: 15.06 ft
Recovery: 15.06 ft
W. D. Corrected: 90.2 ft
W. D. Raw: 90 ft

Easting: 520668.31
Northing: 4256148.62
Coord. System: UTM-NAD83

Lat: 38° 27.2037' N
Long: 74° 45.7875' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A23_PHYSICAL, Run 1 of 1

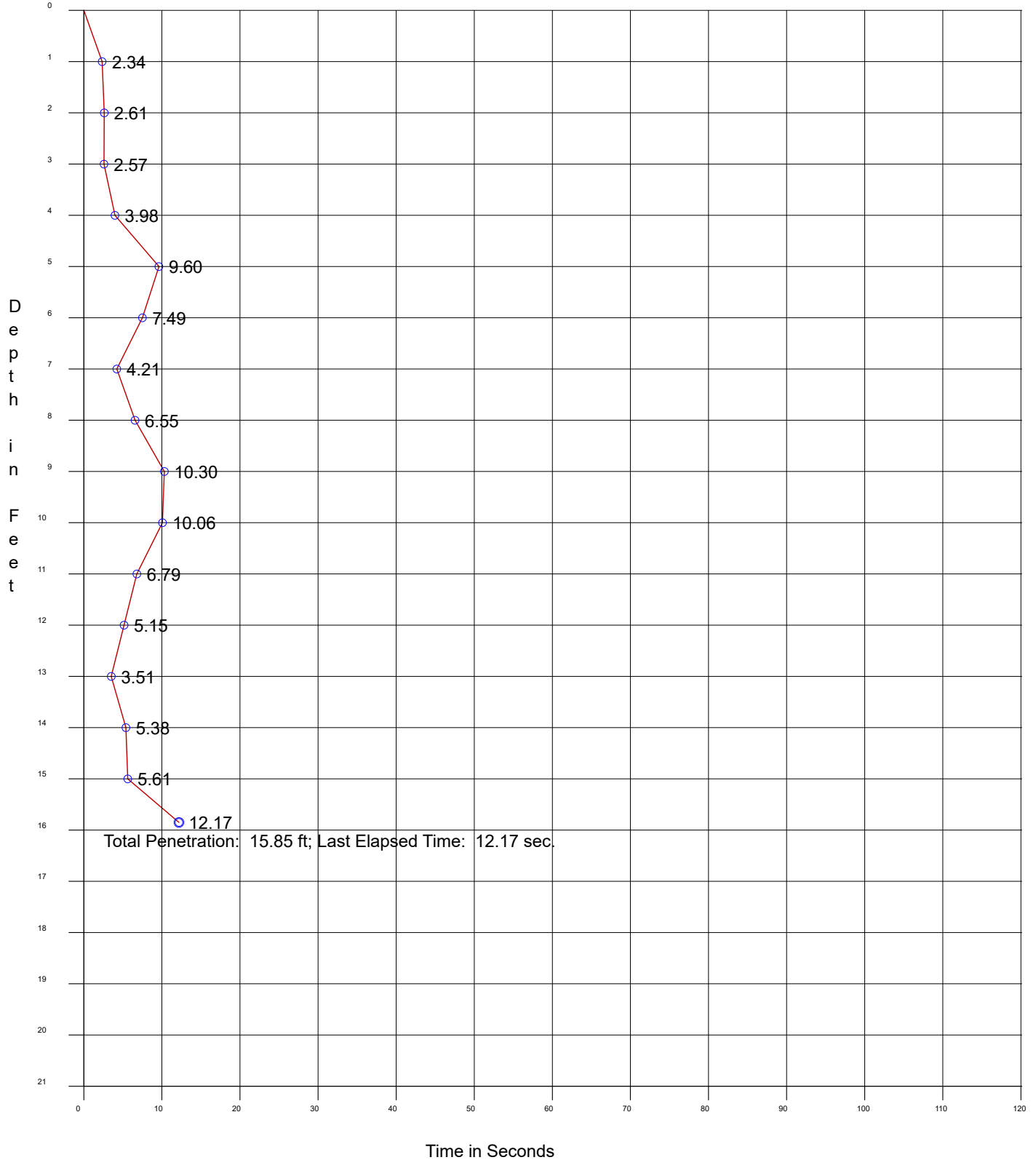
Date: 9/14/2016
Start Time: 18:05:09
End Time: 18:07:12

Penetration: 15.85 ft
Recovery: 8.83 ft
W. D. Corrected: 94.2 ft
W. D. Raw: 92 ft

Easting: 521834.76
Northing: 4254533.38
Coord. System: UTM-NAD83

Lat: 38° 26.3286' N
Long: 74° 44.9884' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. A24_PHYSICAL, Run 1 of 1

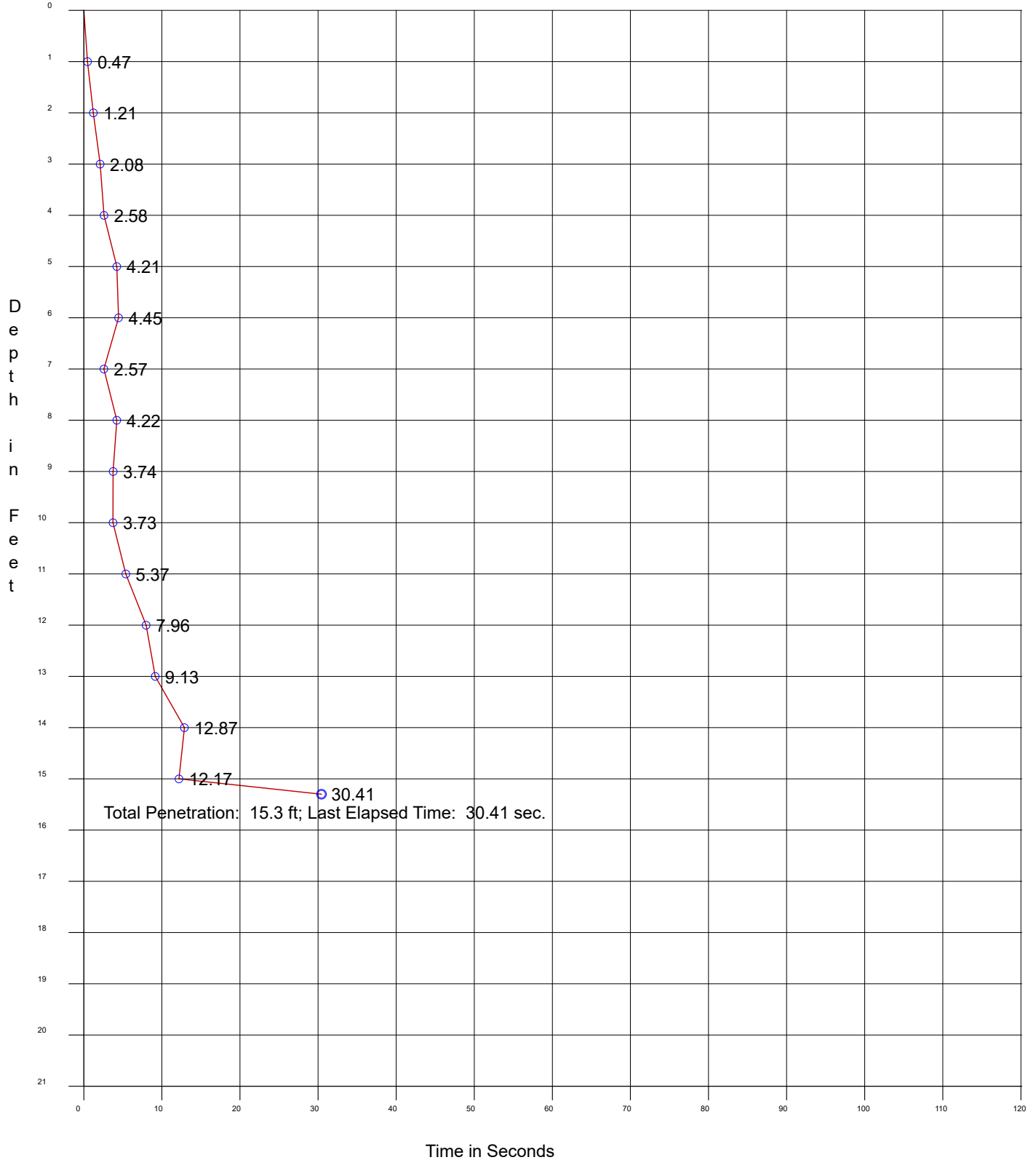
Date: 9/14/2016
Start Time: 18:33:30
End Time: 18:36:49

Penetration: 15.30 ft
Recovery: 15.00 ft
W. D. Corrected: 104.2 ft
W. D. Raw: 100 ft

Easting: 523013.67
Northing: 4252920.40
Coord. System: UTM-NAD83

Lat: 38° 25.4546' N
Long: 74° 44.1811' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P01_PHYSICAL, Run 1 of 1

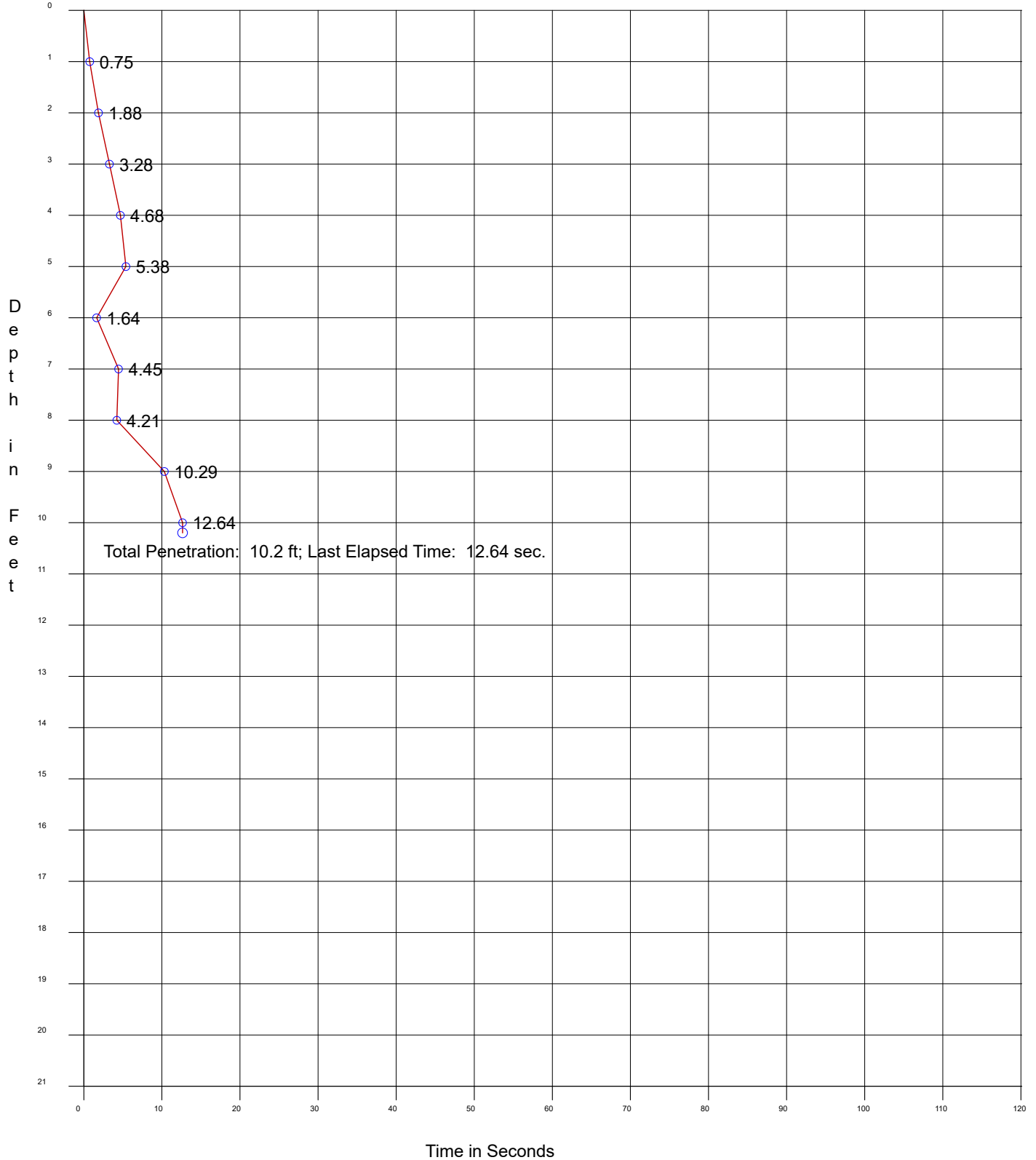
Date: 9/10/2016
Start Time: 14:16:48
End Time: 14:18:31

Penetration: 10.20 ft
Recovery: 15.25 ft
W. D. Corrected: 34.5 ft
W. D. Raw: 34 ft

Easting: 496611.91
Northing: 4271105.2
Coord. System: UTM-NAD83

Lat: 38° 35.3051' N
Long: 75° 02.3342' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P02_PHYSICAL, Run 1 of 1

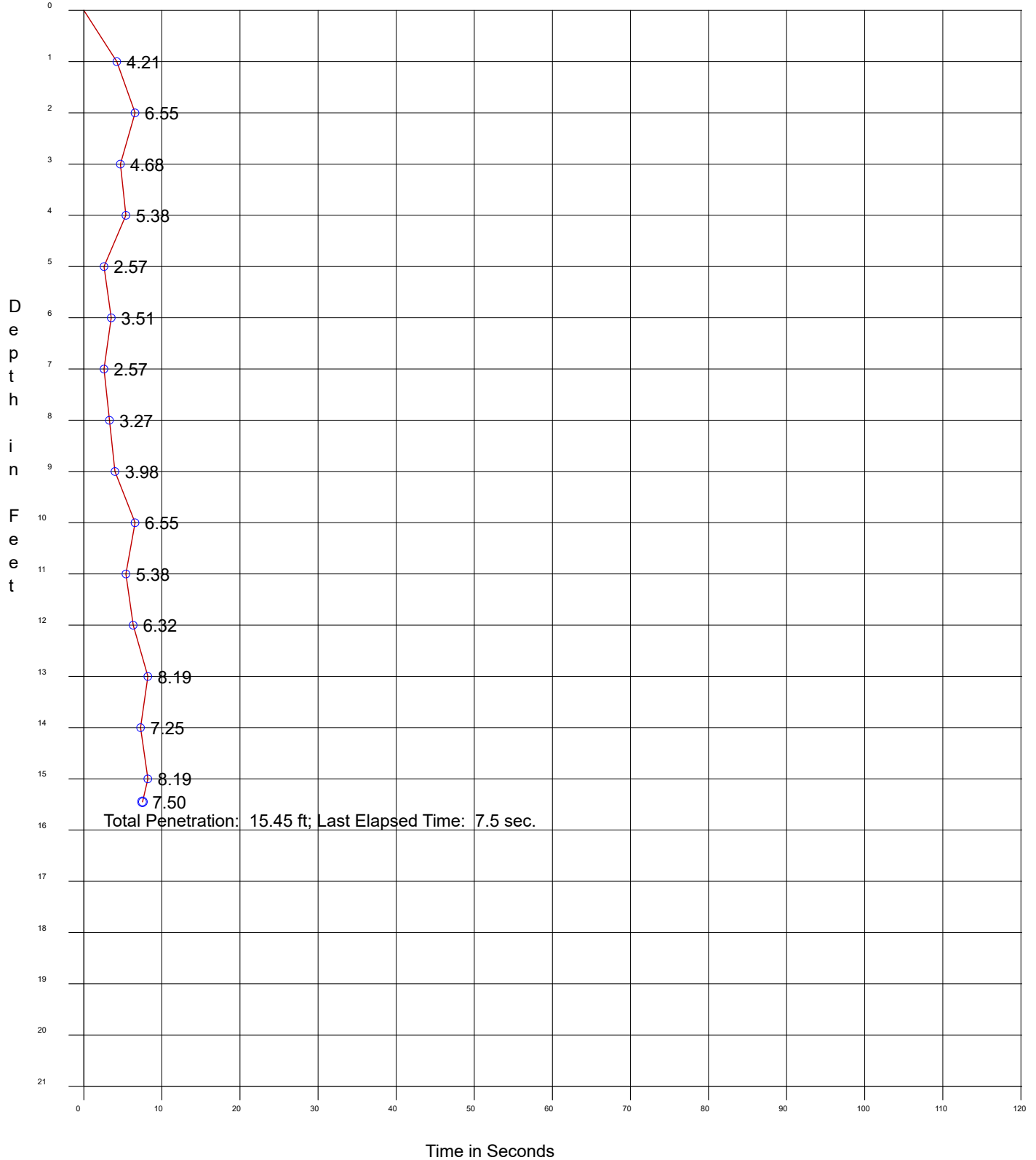
Date: 9/13/2016
Start Time: 12:45:30
End Time: 12:46:56

Penetration: 15.45 ft
Recovery: 13.08 ft
W. D. Corrected: 44.3 ft
W. D. Raw: 43 ft

Easting: 498406.1
Northing: 4270131.2
Coord. System: UTM-NAD83

Lat: 38° 34.7787' N
Long: 75° 01.0980' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P03_PHYSICAL, Run 1 of 1

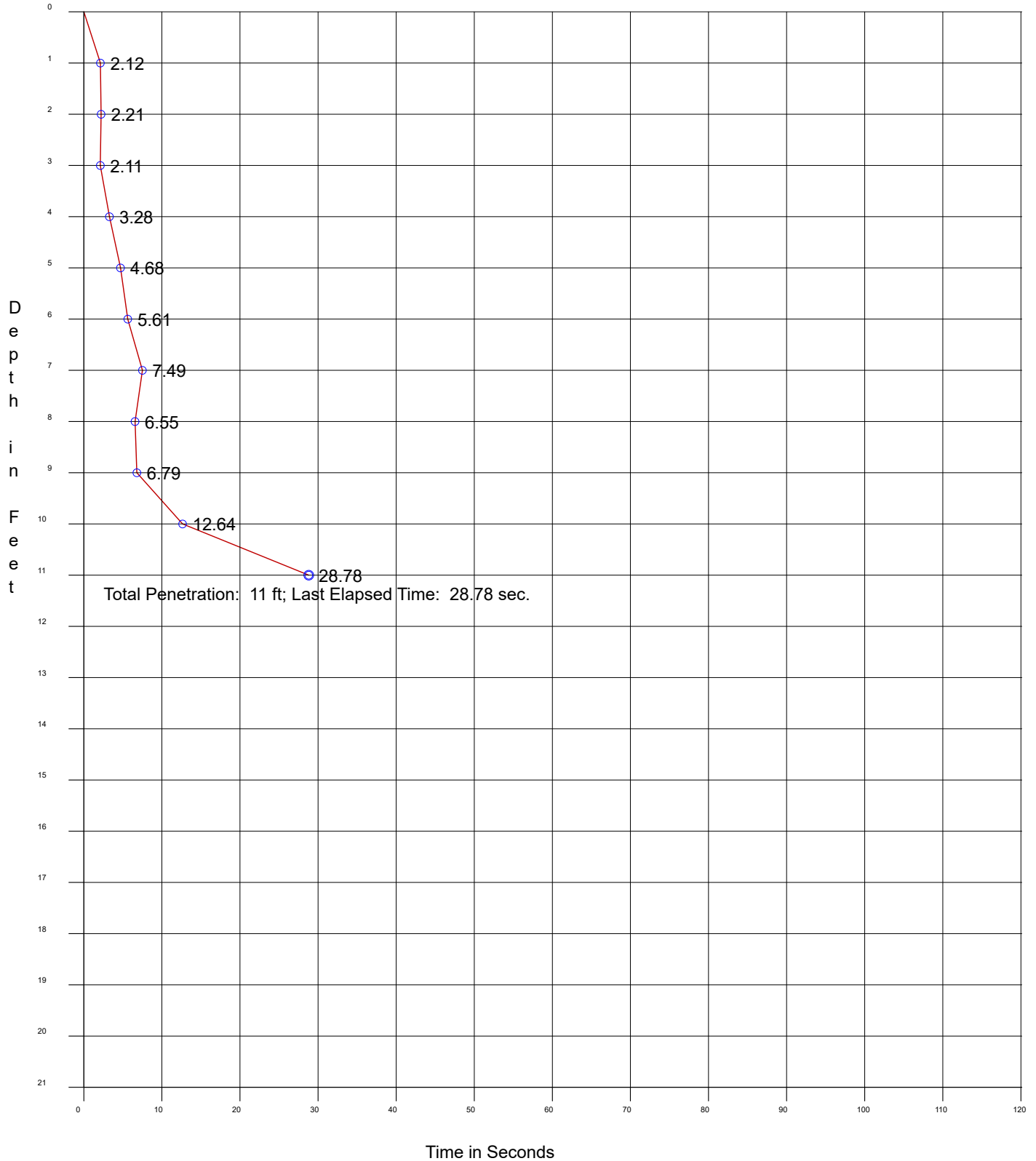
Date: 9/13/2016
Start Time: 16:15:45
End Time: 16:17:48

Penetration: 11.00 ft
Recovery: 10.67 ft
W. D. Corrected: 56.8 ft
W. D. Raw: 56 ft

Easting: 505403.37
Northing: 4266328.78
Coord. System: UTM-NAD83

Lat: 38° 32.7218' N
Long: 74° 56.2797' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P04_PHYSICAL, Run 1 of 1

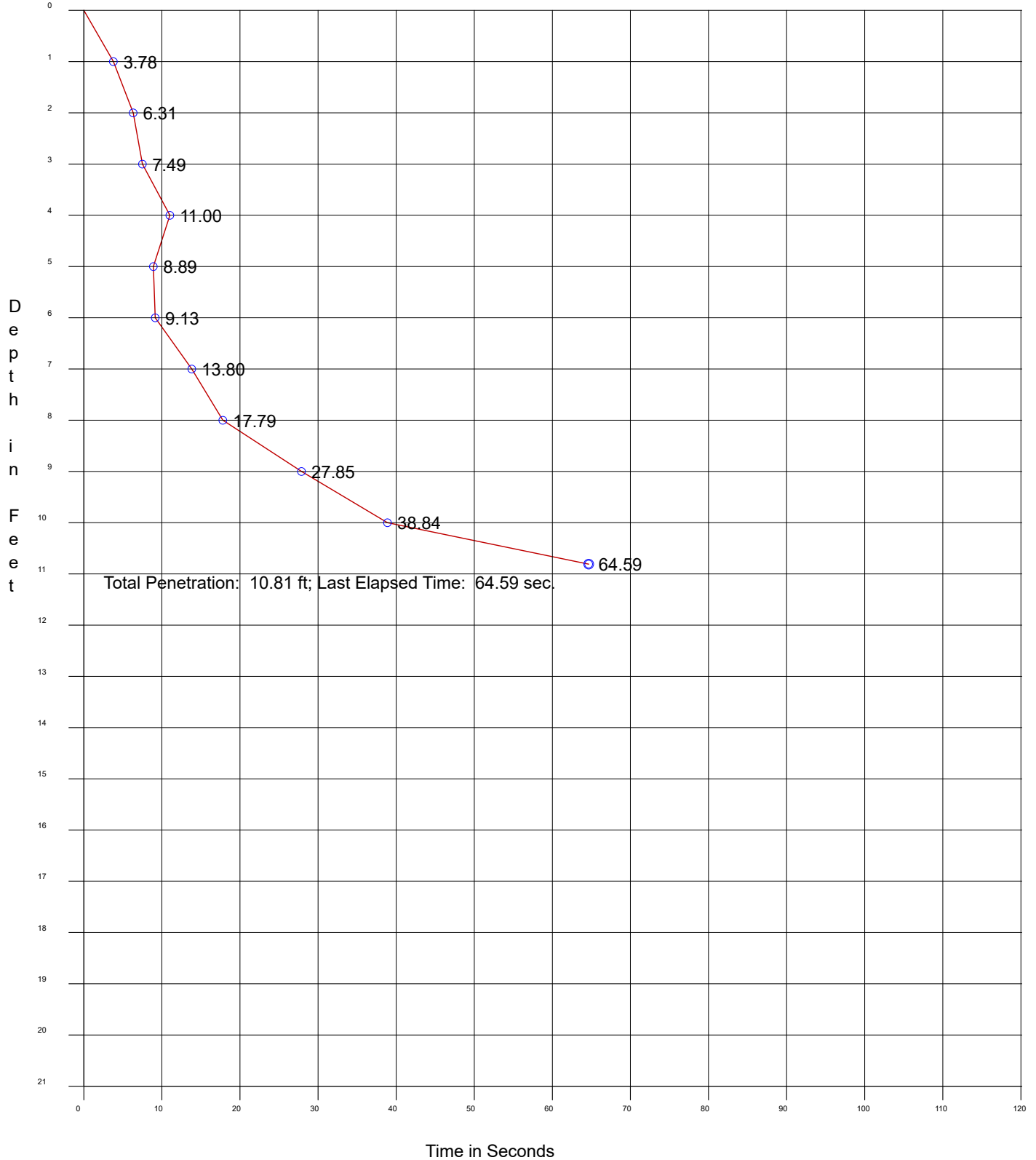
Date: 9/13/2016
Start Time: 17:51:57
End Time: 17:55:44

Penetration: 10.81 ft
Recovery: 10.42 ft
W. D. Corrected: 65.6 ft
W. D. Raw: 62 ft

Easting: 506629.51
Northing: 4265673.34
Coord. System: UTM-NAD83

Lat: 38° 32.3668' N
Long: 74° 55.4358' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P05_PHYSICAL, Run 1 of 1

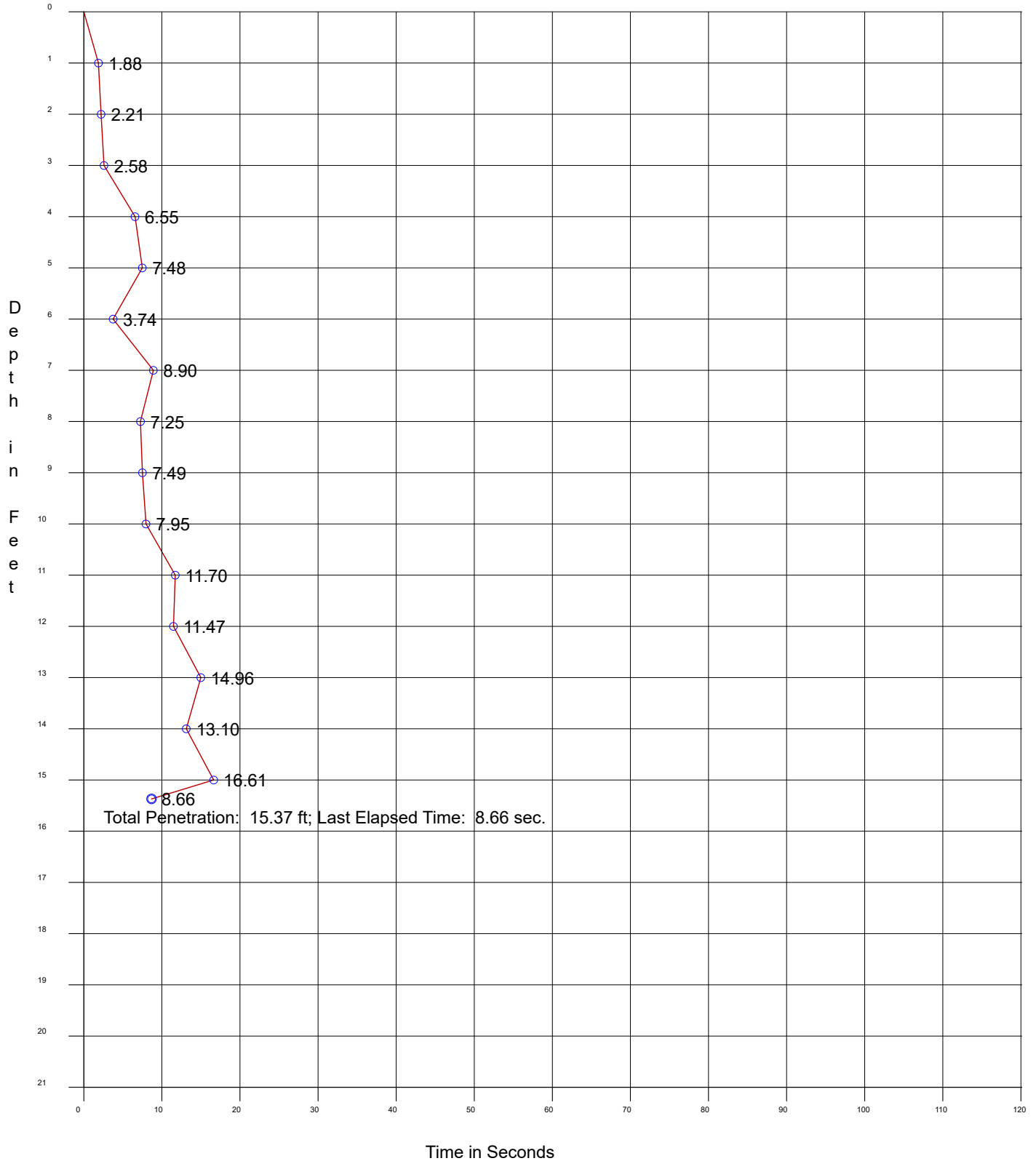
Date: 9/13/2016
Start Time: 22:42:16
End Time: 22:44:53

Penetration: 15.37 ft
Recovery: 15.37 ft
W. D. Corrected: 85.0 ft
W. D. Raw: 87 ft

Easting: 516723.17
Northing: 4260110.06
Coord. System: UTM-NAD83

Lat: 38° 29.3507' N
Long: 74° 48.4947' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P06_PHYSICAL, Run 1 of 1

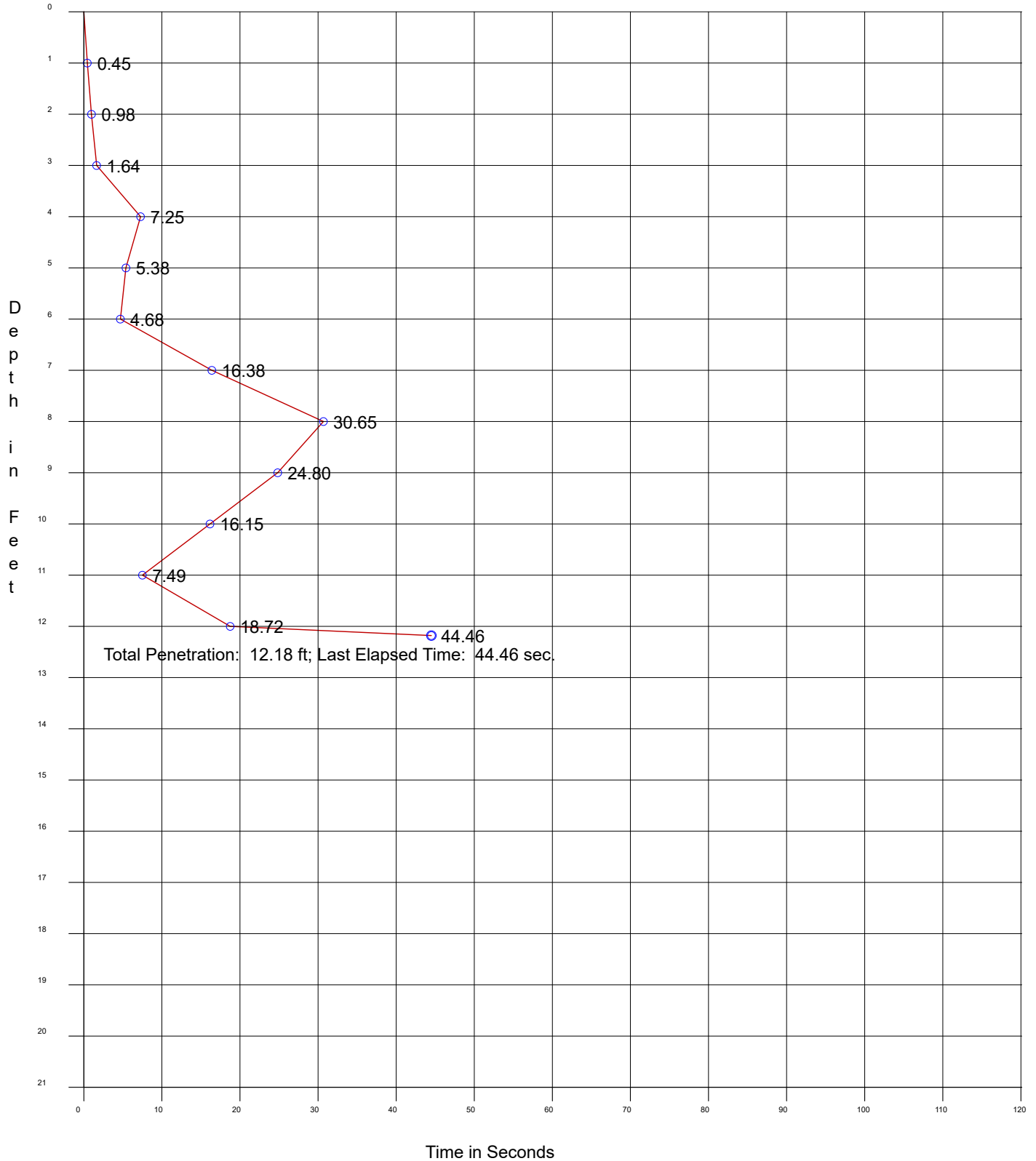
Date: 9/14/2016
Start Time: 11:05:49
End Time: 11:09:14

Penetration: 12.18 ft
Recovery: 12.08 ft
W. D. Corrected: 88.6 ft
W. D. Raw: 90 ft

Easting: 517378.67
Northing: 4259576.13
Coord. System: UTM-NAD83

Lat: 38° 29.0612' N
Long: 74° 48.0445' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P07_PHYSICAL, Run 1 of 1

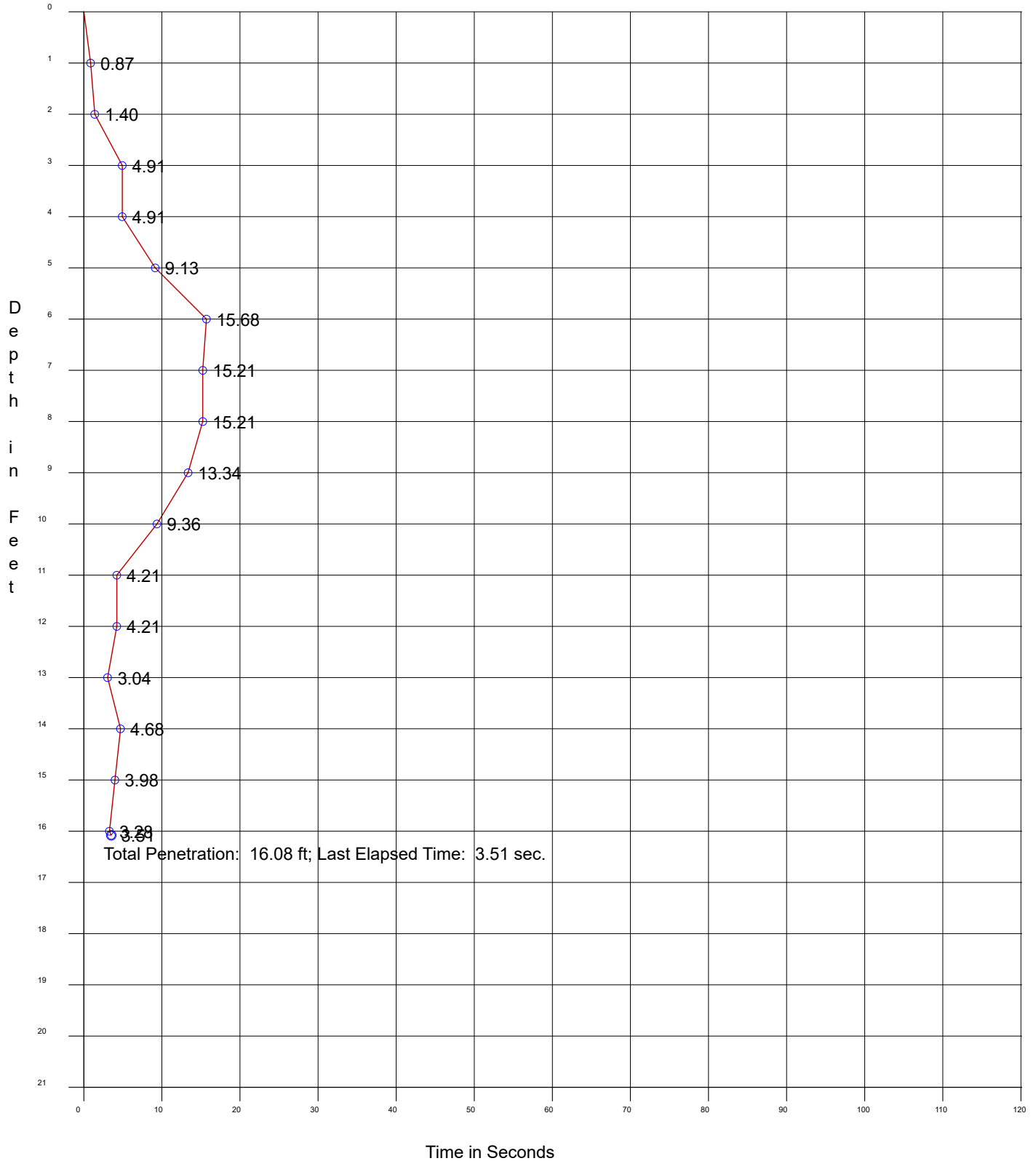
Date: 9/14/2016
Start Time: 11:59:04
End Time: 12:01:27

Penetration: 16.08 ft
Recovery: 12.67 ft
W. D. Corrected: 89.2 ft
W. D. Raw: 90 ft

Easting: 518087.25
Northing: 4258995.81
Coord. System: UTM-NAD83

Lat: 38° 28.7466' N
Long: 74° 47.5579' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P08_PHYSICAL, Run 1 of 1

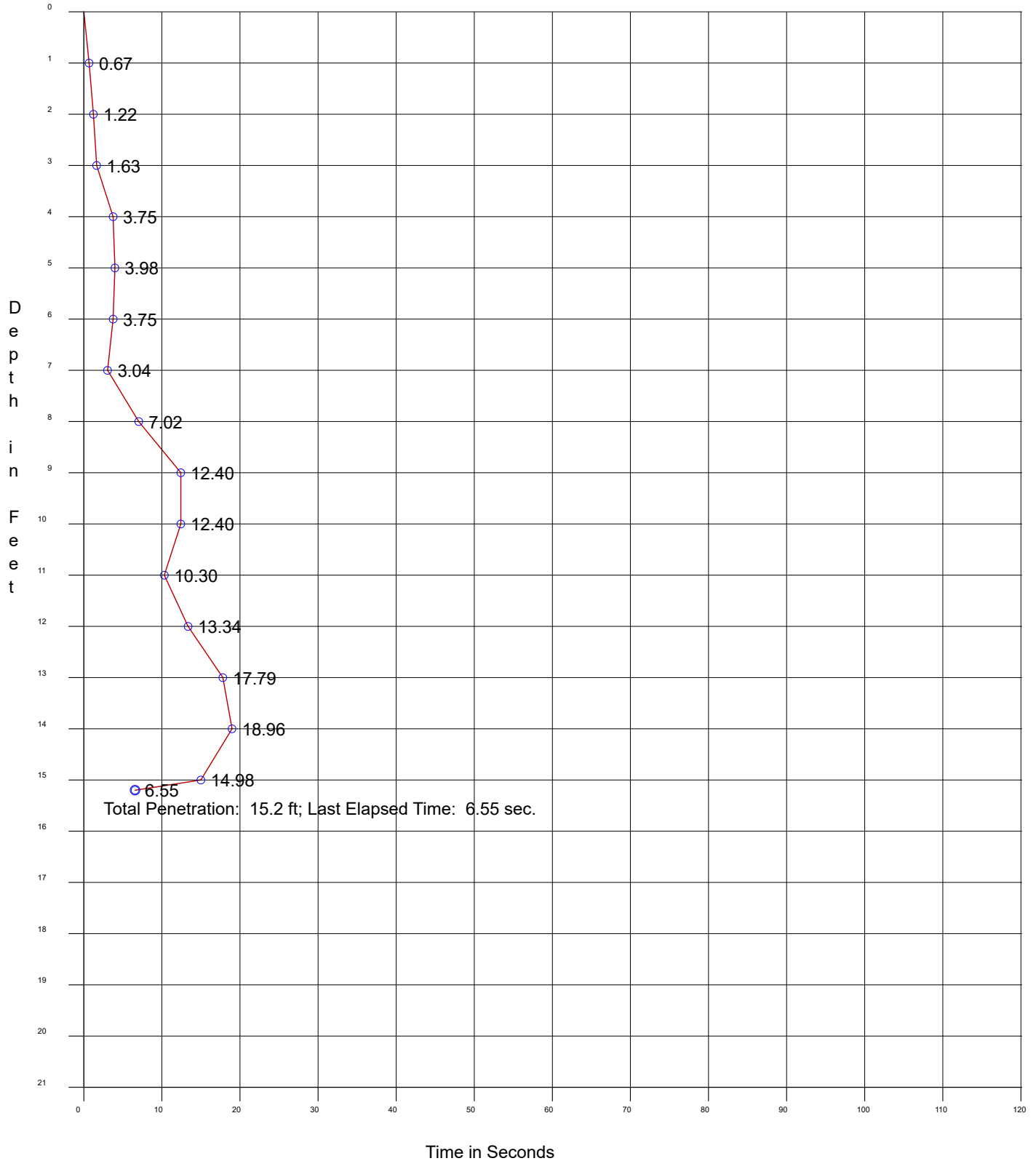
Date: 9/14/2016
Start Time: 16:31:22
End Time: 16:34:09

Penetration: 15.20 ft
Recovery: 13.50 ft
W. D. Corrected: 87.6 ft
W. D. Raw: 85 ft

Easting: 519912.79
Northing: 4257181.02
Coord. System: UTM-NAD83

Lat: 38° 27.7630' N
Long: 74° 46.3053' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P09_PHYSICAL, Run 1 of 1

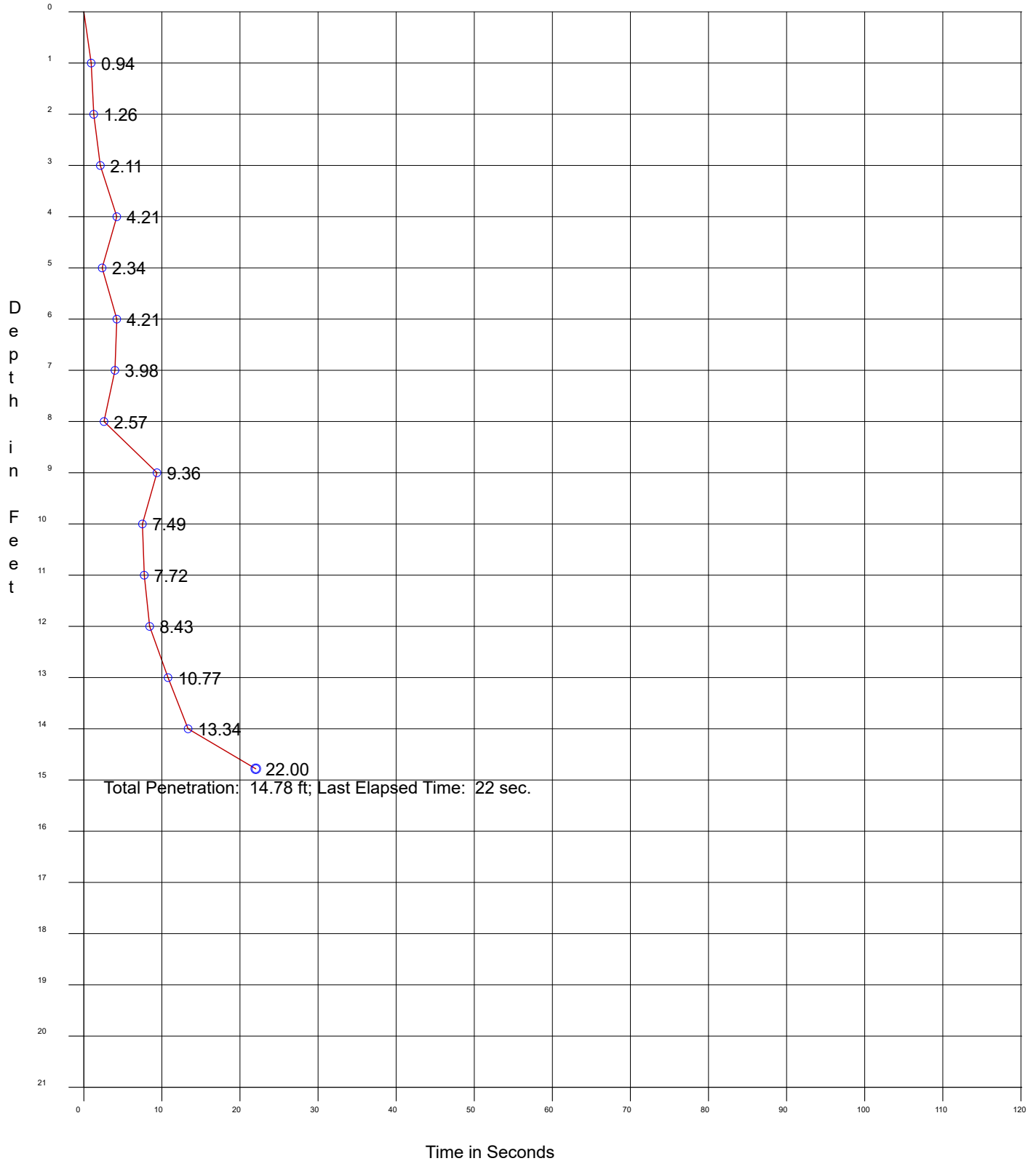
Date: 9/13/2016
Start Time: 14:38:06
End Time: 14:40:11

Penetration: 14.78 ft
Recovery: 14.75 ft
W. D. Corrected: 53.8 ft
W. D. Raw: 53 ft

Easting: 503547.53
Northing: 4267340.35
Coord. System: UTM-NAD83

Lat: 38° 33.2693' N
Long: 74° 57.5571' W
Datum: GRS-1980

Comment:



Penetration Graph for Core No. P10_PHYSICAL, Run 1 of 1

Date: 9/14/2016
Start Time: 19:32:52
End Time: 19:37:14

Penetration: 15.14 ft
Recovery: 15.25 ft
W. D. Corrected: 94.2 ft
W. D. Raw: 95 ft

Easting: 523138.54
Northing: 4252142.83
Coord. System: UTM-NAD83

Lat: 38° 25.0340' N
Long: 74° 44.0968' W
Datum: GRS-1980

Comment:

