Debrecen, BMW - TMO

Pile : P1779- 2   2022. 11. 04.

v   = 2,7 mm/s
t50% = 0,39 ms

c = 3530 m/s   l = 12,70 m   fil = auto   exp : 2   V 7.97   auto

Pile :	P1779- 2
Average of :	1
Area :	[m2]
L/D :	

Pile : P1780- 2   2022. 11. 04.

v   = 3,9 mm/s
t50% = 0,29 ms

c = 3600 m/s   l = 12,70 m   fil = auto   exp : 2   V 7.97   auto
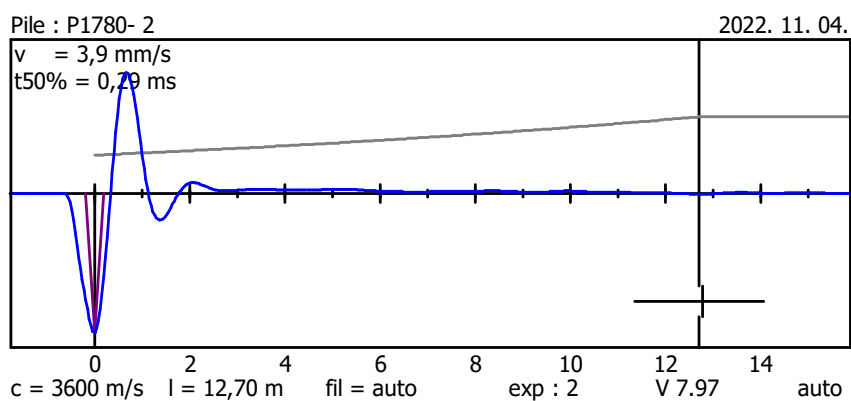
Pile :	P1780- 2
Average of :	1
Area :	[m2]
L/D :	

Pile : P1781- 3   2022. 11. 04.

v   = 3,4 mm/s
t50% = 0,30 ms

c = 3600 m/s   l = 12,70 m   fil = auto   exp : 2   V 7.97   auto
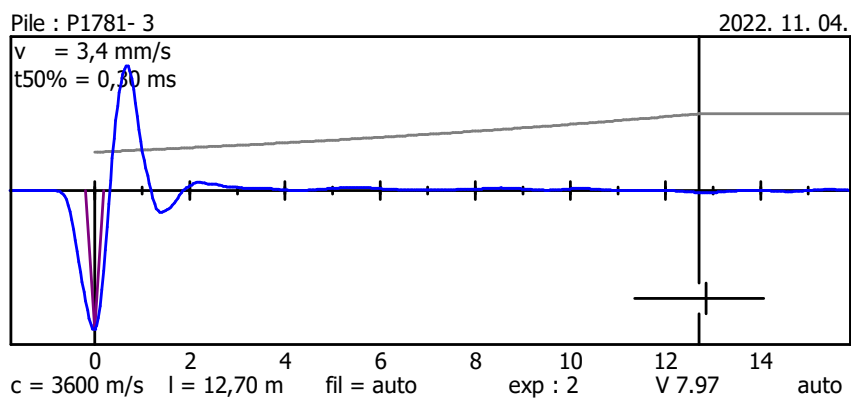
Pile :	P1781- 3
Average of :	1
Area :	[m2]
L/D :	

Pile : P1782- 3   2022. 11. 04.

v   = 4,8 mm/s
t50% = 0,29 ms

c = 3600 m/s   l = 12,70 m   fil = auto   exp : 2   V 7.97   auto
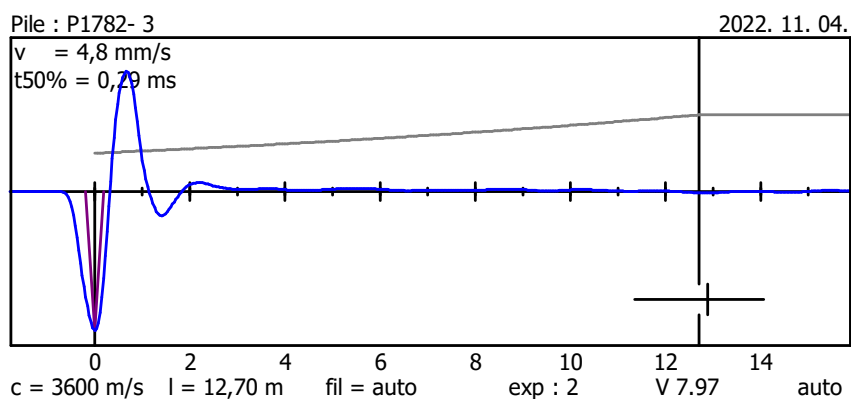
Pile :	P1782- 3
Average of :	1
Area :	[m2]
L/D :	

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Debrecen, BMW - TMO

Pile : P1857- 2   2022. 11. 04.
v   = 3,6 mm/s
t50% = 0,40 ms

0   2   4   6   8   10   12   14
c = 3500 m/s   l = 12,75 m   fil = auto   exp : 2   V 7.97   auto
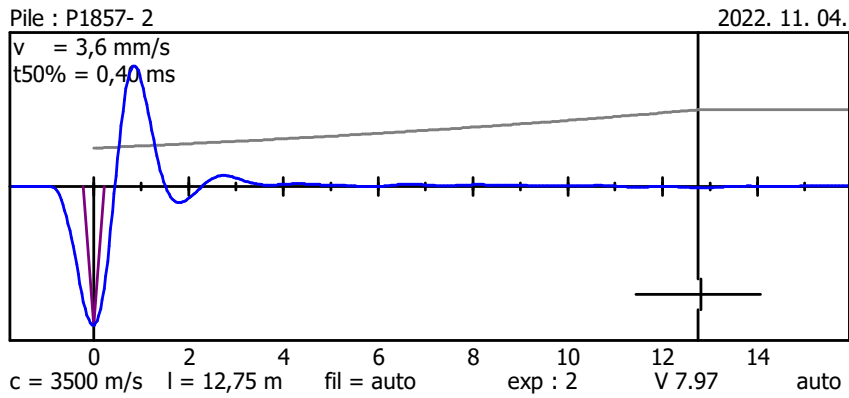
Pile :   P1857- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P1858- 2   2022. 11. 04.
v   = 2,4 mm/s
t50% = 0,33 ms

0   2   4   6   8   10   12   14
c = 3800 m/s   l = 12,75 m   fil = auto   exp : 2   V 7.97   auto
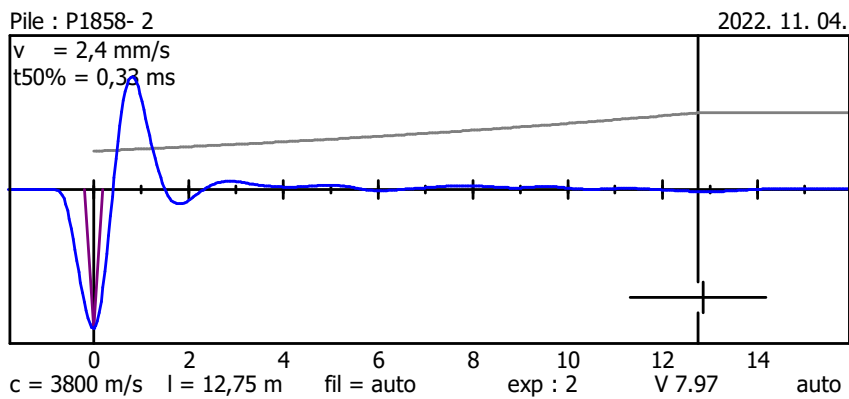
Pile :   P1858- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P1859- 3   2022. 11. 04.
v   = 3,2 mm/s
t50% = 0,31 ms

0   2   4   6   8   10   12   14
c = 3450 m/s   l = 12,75 m   fil = auto   exp : 2   V 7.97   auto
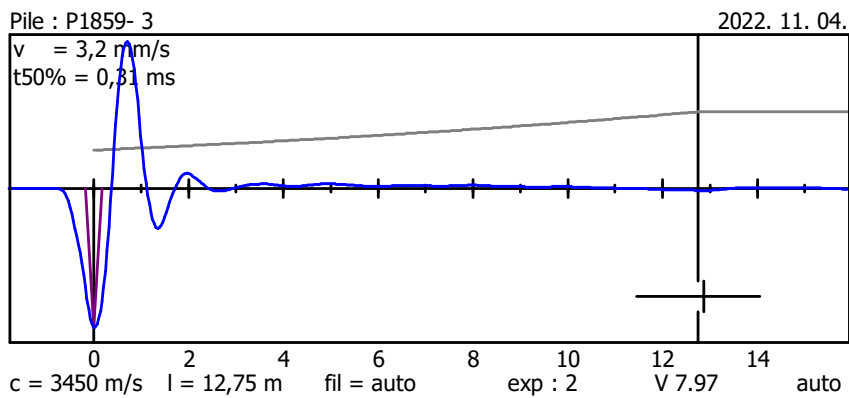
Pile :   P1859- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P1860- 3   2022. 11. 04.
v   = 6,9 mm/s
t50% = 0,31 ms

0   2   4   6   8   10   12   14
c = 4000 m/s   l = 12,75 m   fil = auto   exp : 2   V 7.97   auto
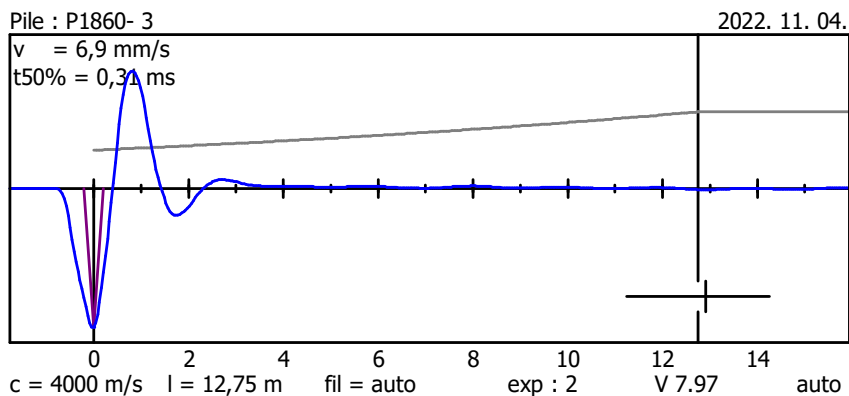
Pile :   P1860- 3

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

Pile : P3261- 4   2022. 11. 04.

v = 3,6 mm/s
t50% = 0,33 ms

0   2   4   6   8   10
c = 3550 m/s   l = 9,25 m   fil = auto   exp : 2   V 7.97   auto
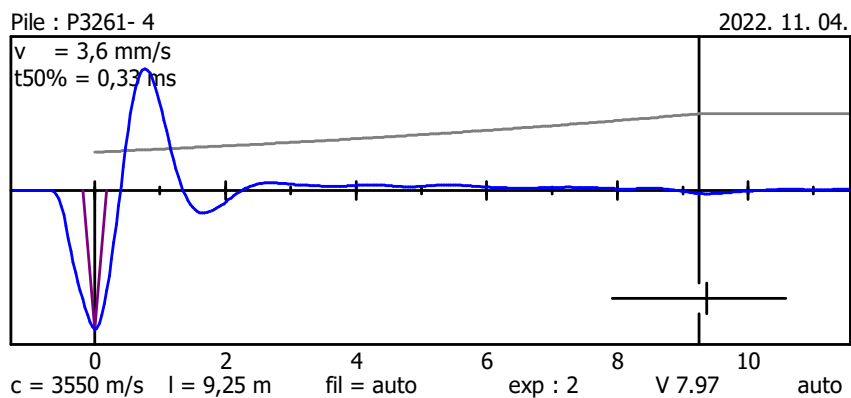
Pile :   P3261- 4

Average of :   1

Area :   [m2]

L/D :

Pile : P3262- 2   2022. 11. 04.

v = 3,0 mm/s
t50% = 0,34 ms

0   2   4   6   8   10
c = 3530 m/s   l = 9,25 m   fil = auto   exp : 2   V 7.97   auto
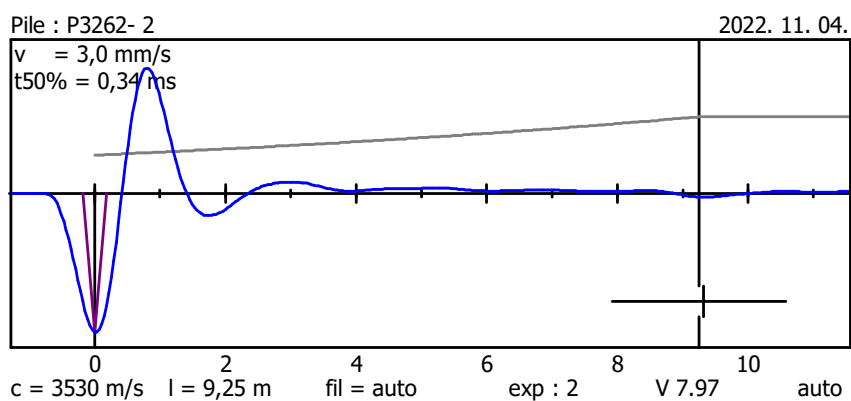
Pile :   P3262- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3263- 1   2022. 11. 04.

v = 13,6 mm/s
t50% = 0,38 ms

0   2   4   6   8   10
c = 3200 m/s   l = 9,25 m   fil = auto   exp : 2   V 7.97   auto
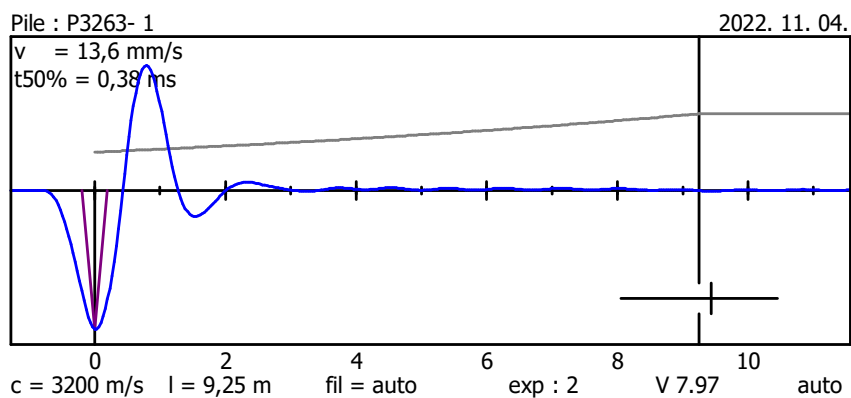
Pile :   P3263- 1

Average of :   1

Area :   [m2]

L/D :

Pile : P3264- 3   2022. 11. 04.

v = 2,7 mm/s
t50% = 0,37 ms

0   2   4   6   8   10
c = 3200 m/s   l = 9,25 m   fil = auto   exp : 2   V 7.97   auto
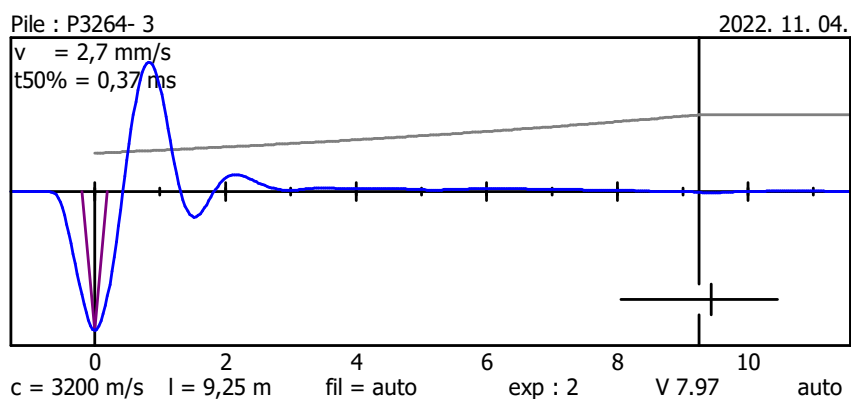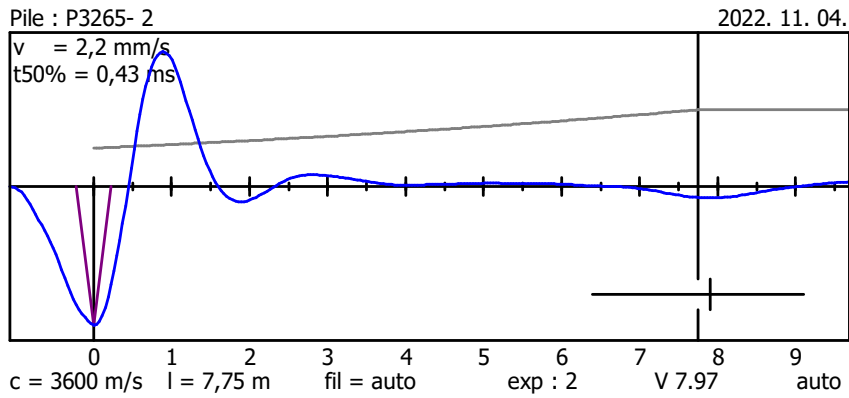
Pile :   P3264- 3

Average of :   1

Area :   [m2]

L/D :

Debrecen, BMW - TMO

Pile : P3265- 2   2022. 11. 04.

v   = 2,2 mm/s
t50% = 0,43 ms

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

c = 3600 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto

Pile :   P3265- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3266- 3   2022. 11. 04.

v   = 2,2 mm/s
t50% = 0,29 ms

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

c = 3400 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
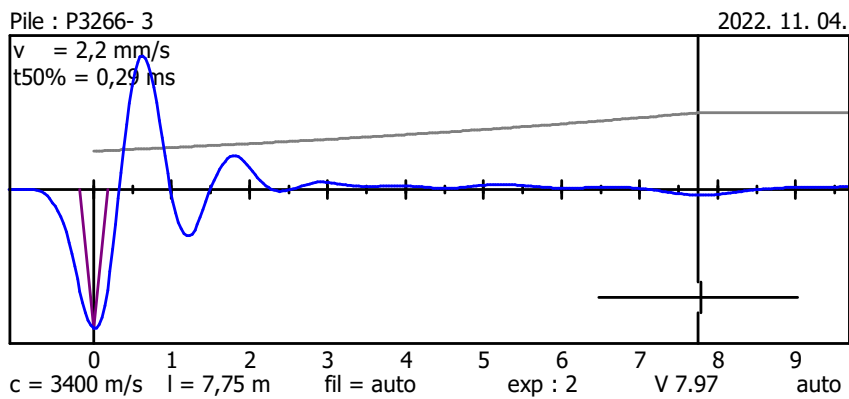
Pile :   P3266- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3267- 3   2022. 11. 04.

v   = 3,7 mm/s
t50% = 0,30 ms

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

c = 3730 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
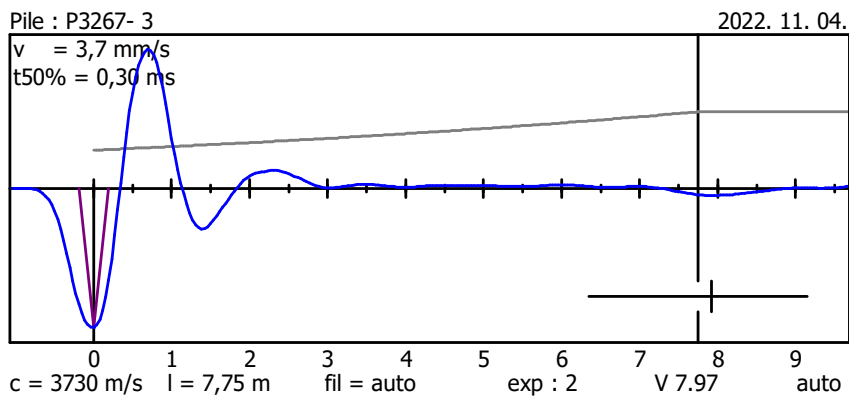
Pile :   P3267- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3268- 4   2022. 11. 04.

v   = 4,8 mm/s
t50% = 0,31 ms

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

c = 3500 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
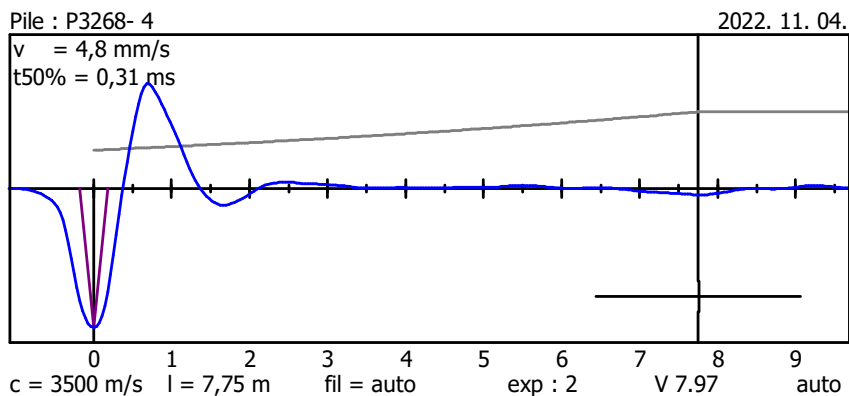
Pile :   P3268- 4

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

Pile : P3305- 2   2022. 11. 04.

v = 2,9 mm/s
t50% = 0,37 ms

c = 3550 m/s   l = 6,75 m   fil = auto   exp : 2   V 7.97   auto
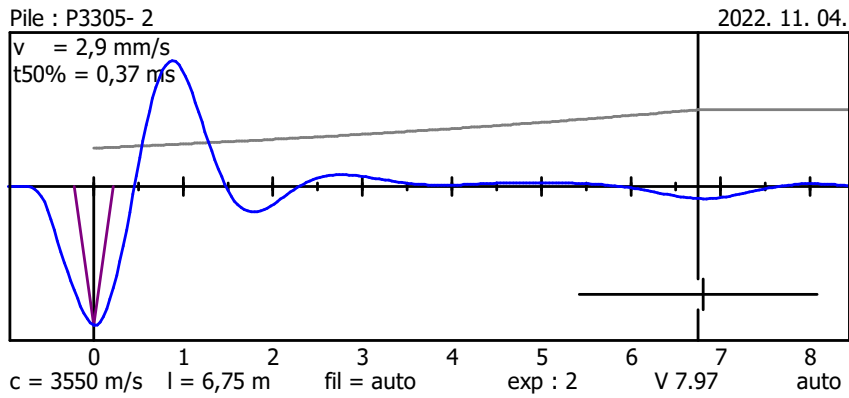
Pile :   P3305- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3306- 2   2022. 11. 04.

v = 2,1 mm/s
t50% = 0,36 ms

c = 3550 m/s   l = 6,75 m   fil = auto   exp : 2   V 7.97   auto
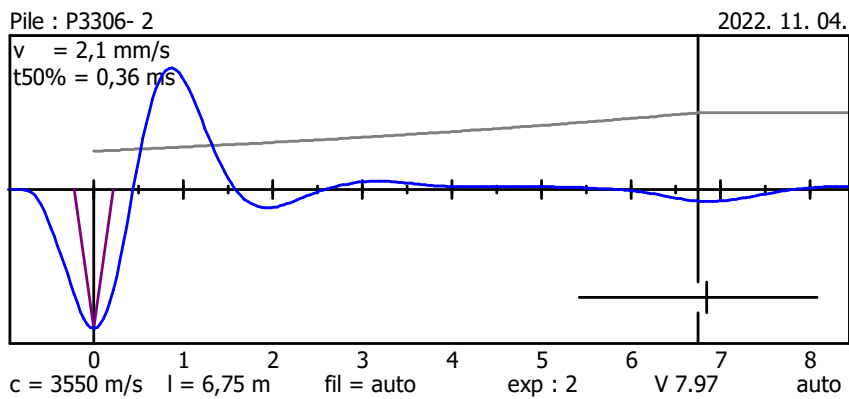
Pile :   P3306- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3307- 3   2022. 11. 04.

v = 2,4 mm/s
t50% = 0,30 ms

c = 3000 m/s   l = 6,75 m   fil = auto   exp : 2   V 7.97   auto
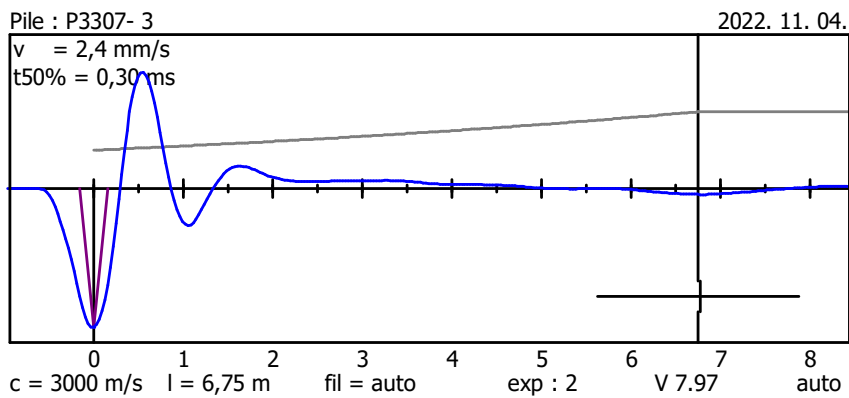
Pile :   P3307- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3308- 2   2022. 11. 04.

v = 4,4 mm/s
t50% = 0,41 ms

c = 3500 m/s   l = 6,75 m   fil = auto   exp : 2   V 7.97   auto
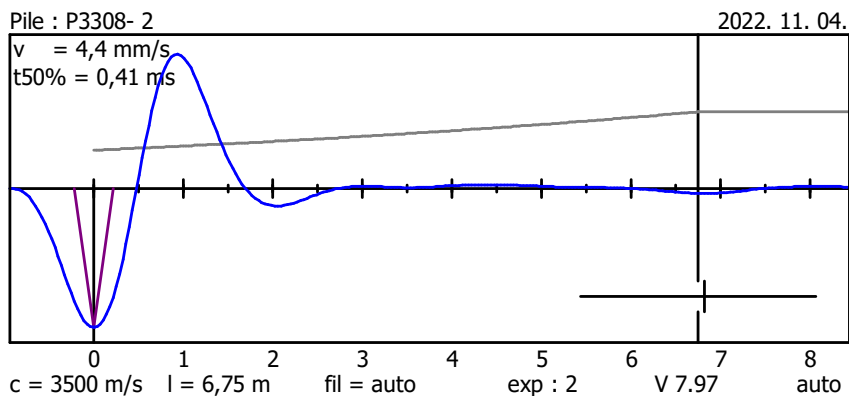
Pile :   P3308- 2

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

Pile : P3309- 1   2022. 11. 04.

v   = 2,5 mm/s
t50% = 0,42 ms

c = 3300 m/s   l = 8,75 m   fil = auto   exp : 2   V 7.97   auto
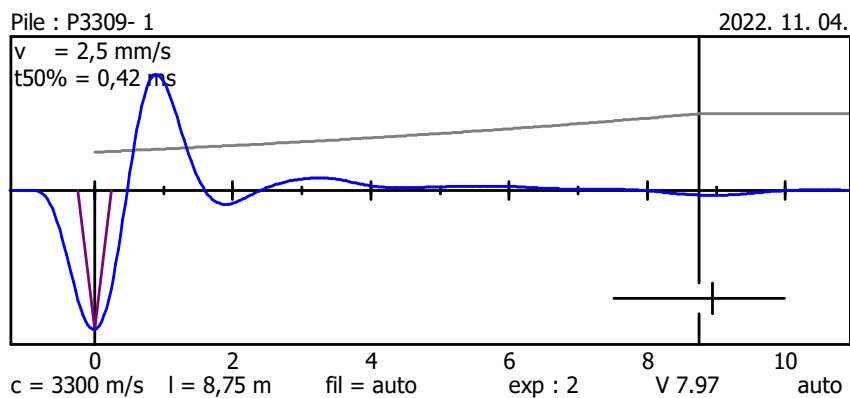
Pile :   P3309- 1

Average of :   1

Area :   [m2]

L/D :

Pile : P3310- 3   2022. 11. 04.

v   = 3,4 mm/s
t50% = 0,34 ms

c = 3450 m/s   l = 8,75 m   fil = auto   exp : 2   V 7.97   auto
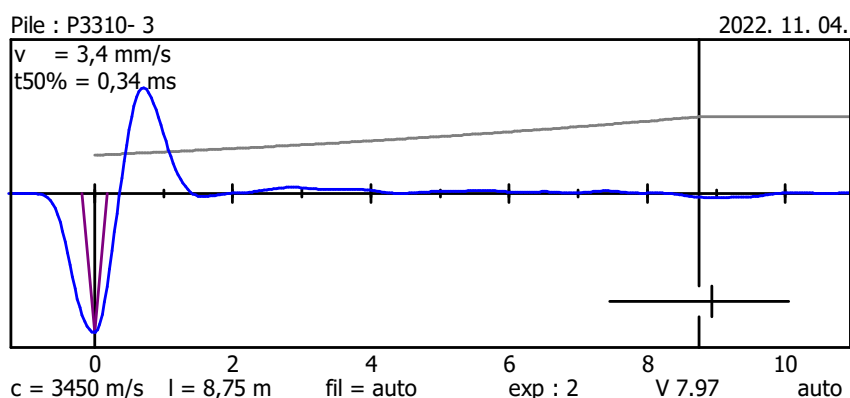
Pile :   P3310- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3311- 2   2022. 11. 04.

v   = 2,0 mm/s
t50% = 0,41 ms

c = 3300 m/s   l = 8,75 m   fil = auto   exp : 2   V 7.97   auto
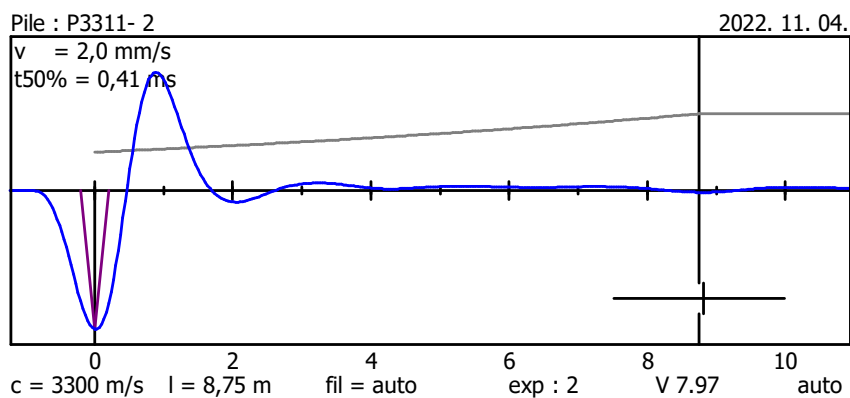
Pile :   P3311- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3312- 5   2022. 11. 04.

v   = 9,7 mm/s
t50% = 0,3 ms

c = 3100 m/s   l = 8,75 m   fil = auto   exp : 2   V 7.97   auto
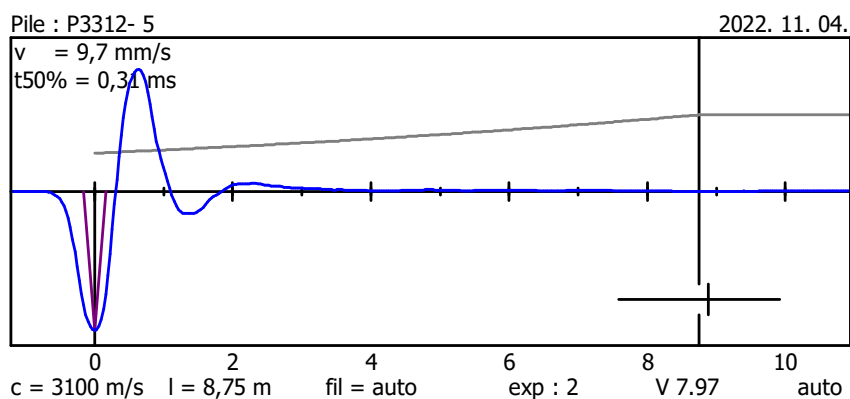
Pile :   P3312- 5

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

Pile : P3313- 2   2022. 11. 04.
v   = 2,0 mm/s
t50% = 0,43 ms

c = 3100 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
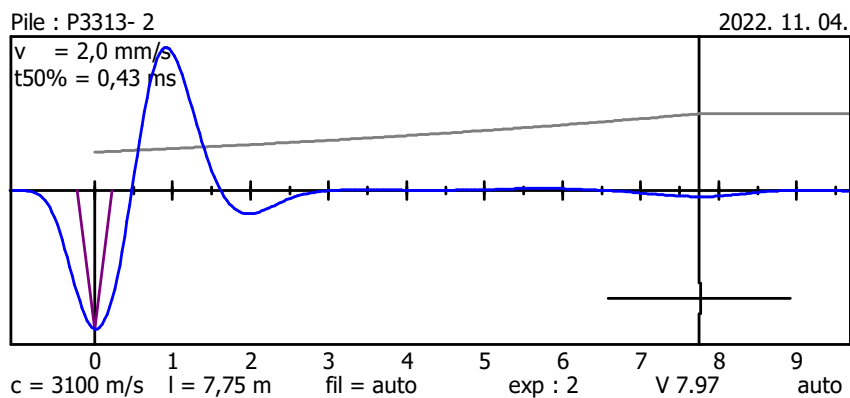
Pile :   P3313- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3314- 2   2022. 11. 04.
v   = 3,7 mm/s
t50% = 0,38 ms

c = 3050 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
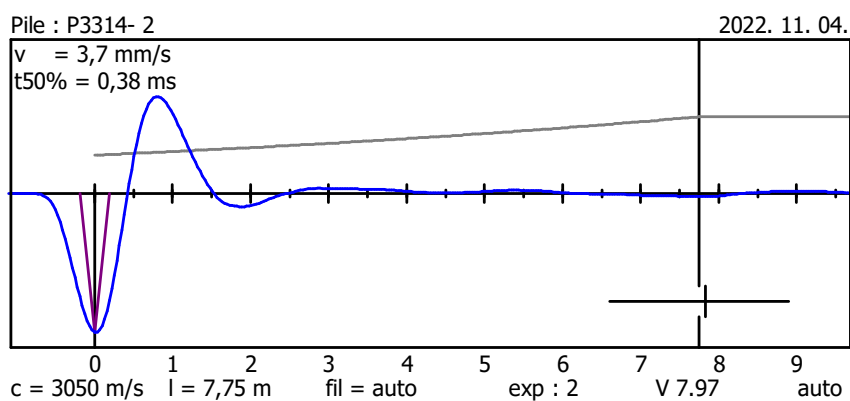
Pile :   P3314- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3315- 3   2022. 11. 04.
v   = 2,7 mm/s
t50% = 0,37 ms

c = 3500 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
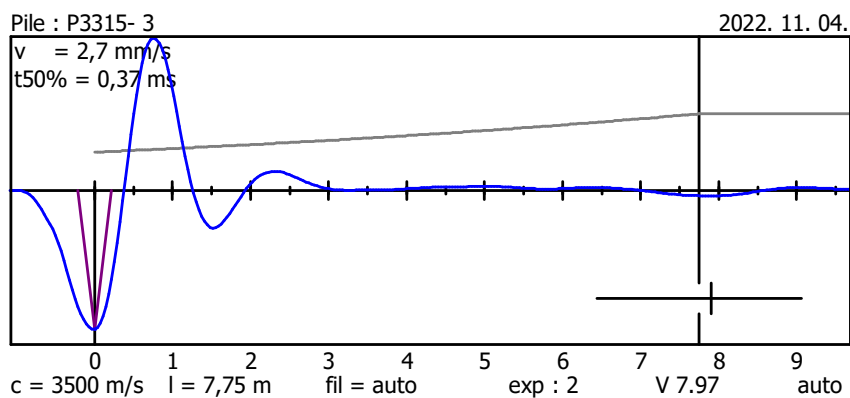
Pile :   P3315- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3316- 4   2022. 11. 04.
v   = 6,2 mm/s
t50% = 0,26 ms

c = 3600 m/s   l = 7,75 m   fil = auto   exp : 2   V 7.97   auto
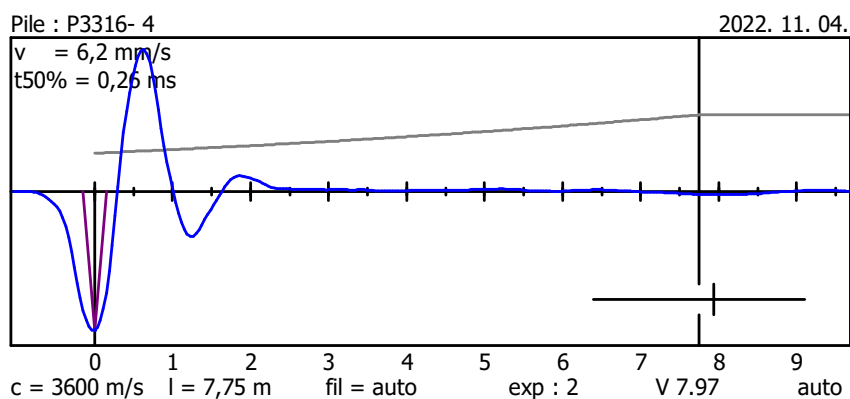
Pile :   P3316- 4

Average of :   1

Area :   [m2]

L/D :

Pile : P3333- 3   2022. 11. 04.
v = 2,9 mm/s
t50% = 0,28 ms
c = 3750 m/s   l = 5,55 m   fil = auto   exp : 2   V 7.97   auto
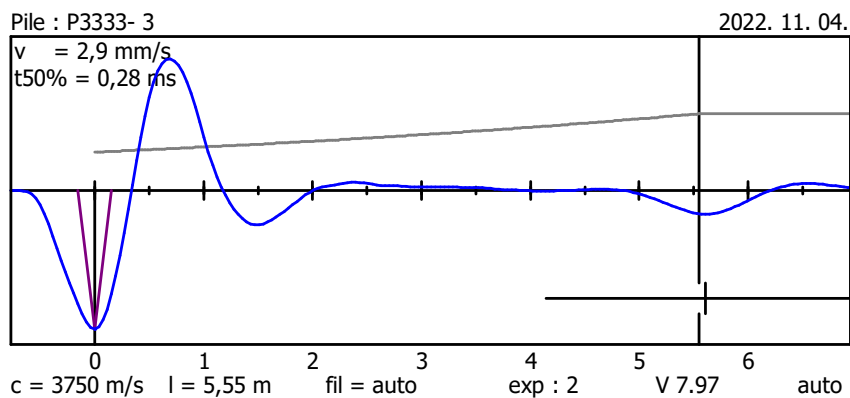
Pile :   P3333- 3
Average of :   1
Area :   [m2]
L/D :

Pile : P3334- 4   2022. 11. 04.
v = 4,3 mm/s
t50% = 0,30 ms
c = 3200 m/s   l = 5,55 m   fil = auto   exp : 2   V 7.97   auto
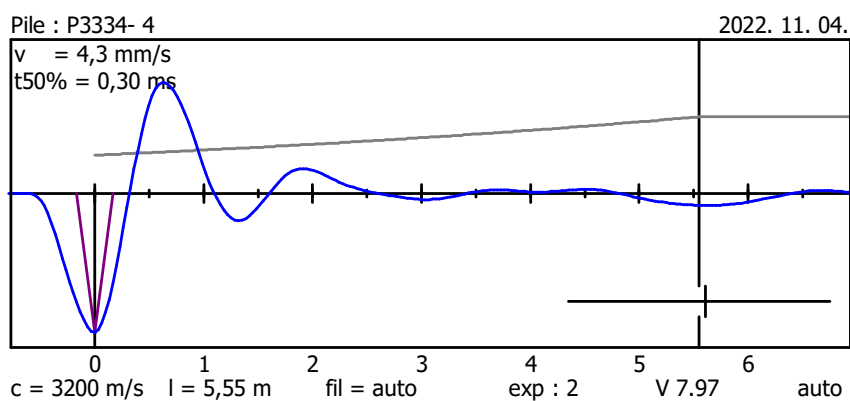
Pile :   P3334- 4
Average of :   1
Area :   [m2]
L/D :

Pile : P3335- 3   2022. 11. 04.
v = 3,4 mm/s
t50% = 0,29 ms
c = 3500 m/s   l = 5,55 m   fil = auto   exp : 2   V 7.97   auto
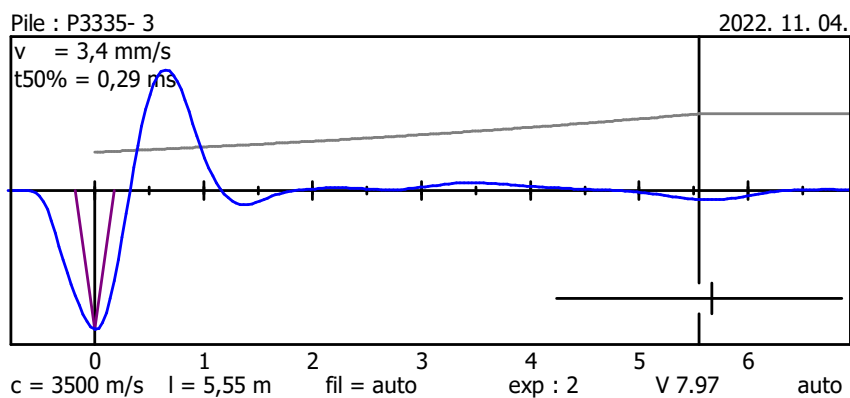
Pile :   P3335- 3
Average of :   1
Area :   [m2]
L/D :

Pile : P3336- 3   2022. 11. 04.
v = 2,6 mm/s
t50% = 0,32 ms
c = 3750 m/s   l = 5,55 m   fil = auto   exp : 2   V 7.97   auto
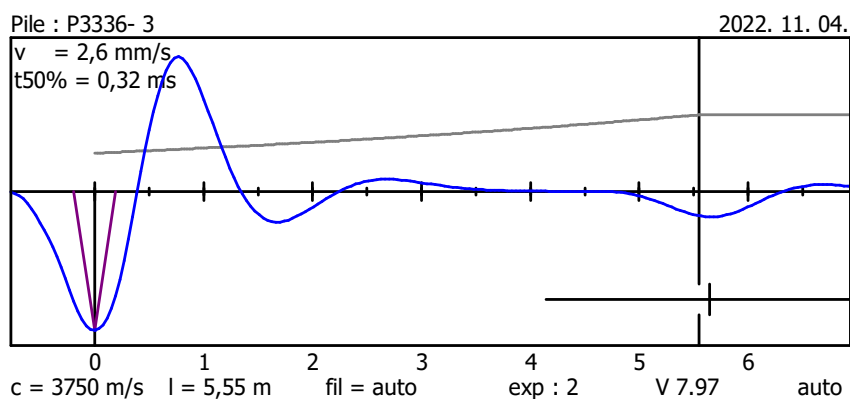
Pile :   P3336- 3
Average of :   1
Area :   [m2]
L/D :

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Pile : P3337- 2   2022. 11. 04.

v = 22,5 mm/s
t50% = 0,31 ms

c = 3450 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
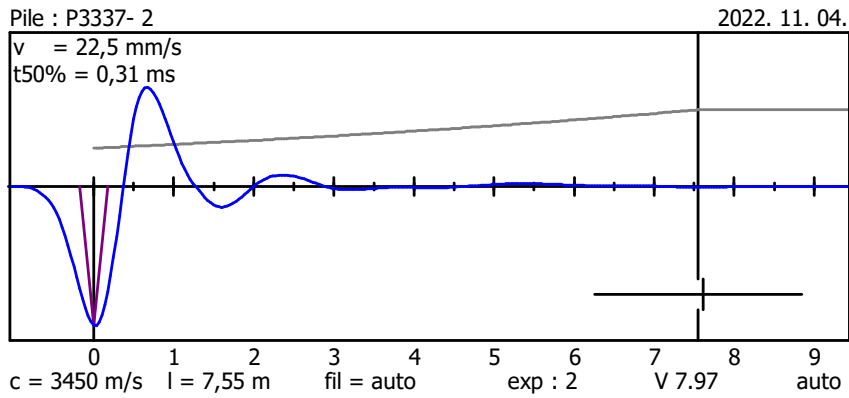
Pile :	P3337- 2
Average of :	1
Area :	[m2]
L/D :	

Pile : P3338- 1   2022. 11. 04.

v = 1,4 mm/s
t50% = 0,38 ms

c = 3470 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
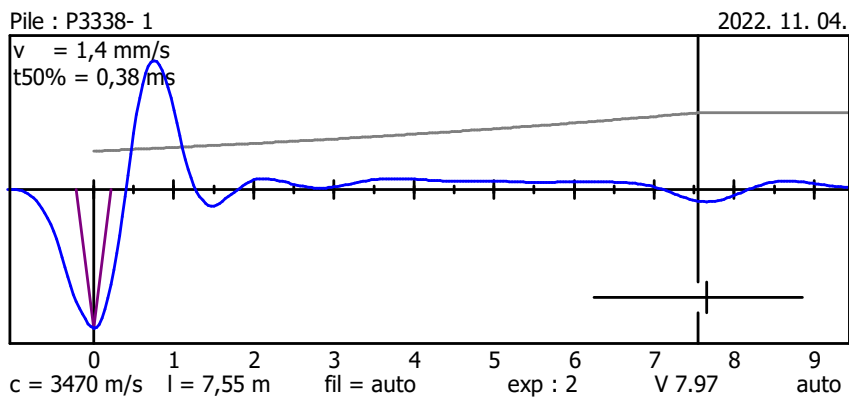
Pile :	P3338- 1
Average of :	1
Area :	[m2]
L/D :	

Pile : P3339- 4   2022. 11. 04.

v = 2,6 mm/s
t50% = 0,40 ms

c = 3600 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
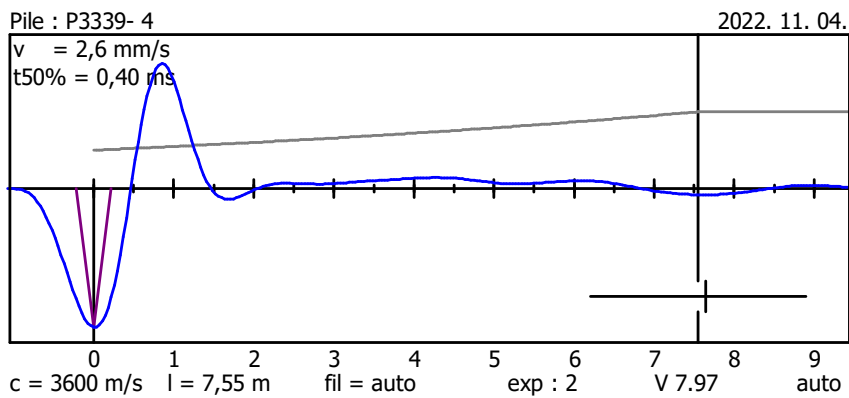
Pile :	P3339- 4
Average of :	1
Area :	[m2]
L/D :	

Pile : P3340- 4   2022. 11. 04.

v = 3,1 mm/s
t50% = 0,33 ms

c = 3900 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
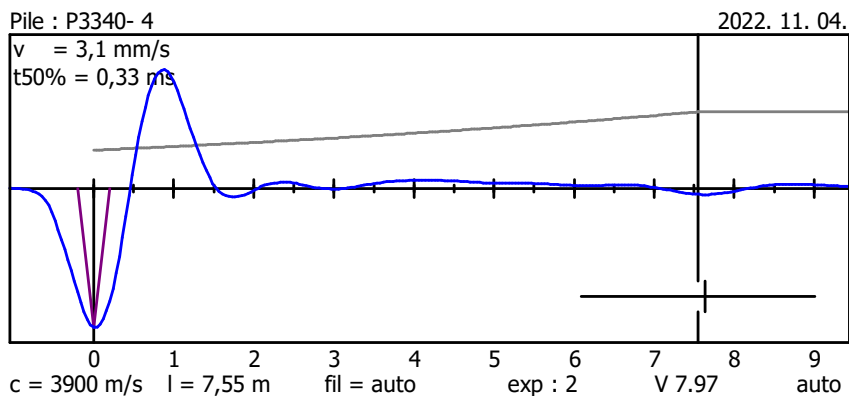
Pile :	P3340- 4
Average of :	1
Area :	[m2]
L/D :	

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Debrecen, BMW - TMO

Pile : P3341- 3   2022. 11. 04.

v = 6,7 mm/s
t50% = 0,33 ms

c = 3400 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
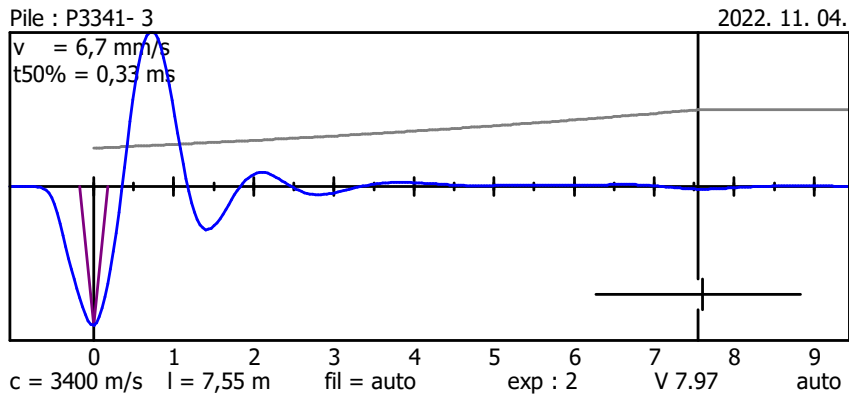
Pile :   P3341- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3342- 4   2022. 11. 04.

v = 2,9 mm/s
t50% = 0,33 ms

c = 3870 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
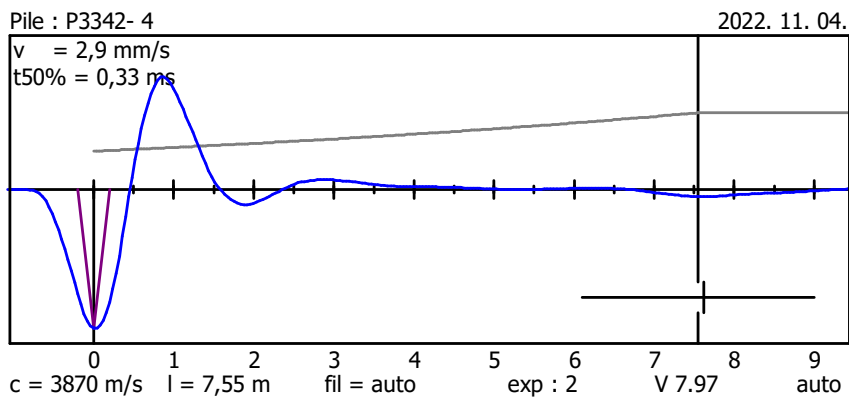
Pile :   P3342- 4

Average of :   1

Area :   [m2]

L/D :

Pile : P3343- 2   2022. 11. 04.

v = 4,3 mm/s
t50% = 0,31 ms

c = 3600 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
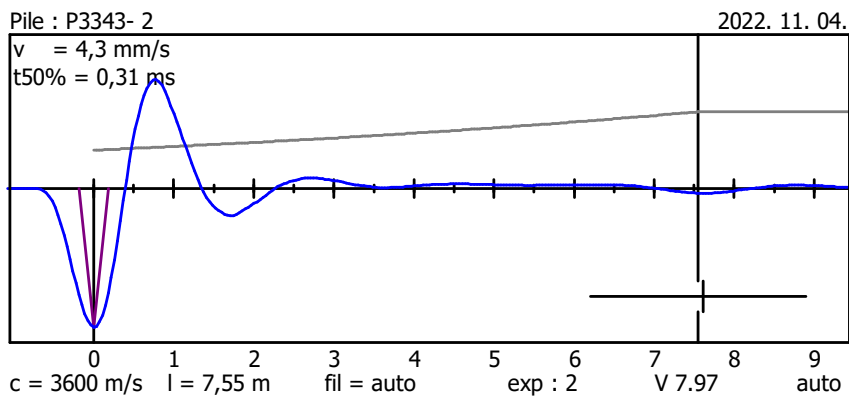
Pile :   P3343- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3344- 6   2022. 11. 04.

v = 4,5 mm/s
t50% = 0,32 ms

c = 3400 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
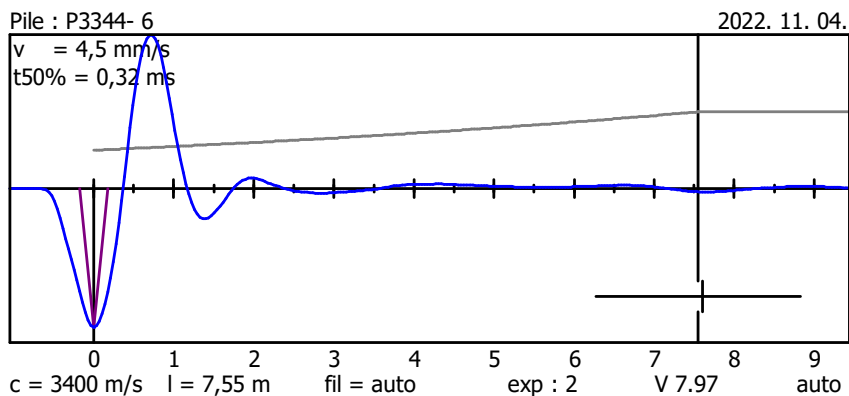
Pile :   P3344- 6

Average of :   1

Area :   [m2]

L/D :

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Pile : P3345- 3   2022. 11. 04.

v   = 4,3 mm/s
t50% = 0,32 ms

c = 3370 m/s   l = 7,05 m   fil = auto   exp : 2   V 7.97   auto
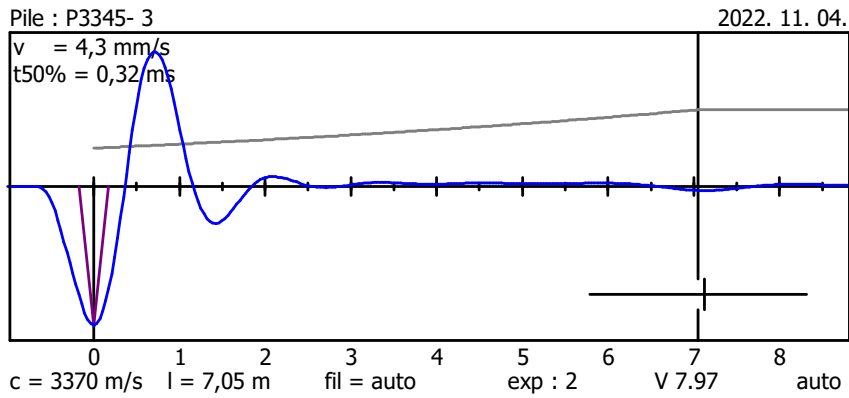
Pile :   P3345- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3346- 3   2022. 11. 04.

v   = 11,3 mm/s
t50% = 0,35 ms

c = 3550 m/s   l = 7,05 m   fil = auto   exp : 2   V 7.97   auto
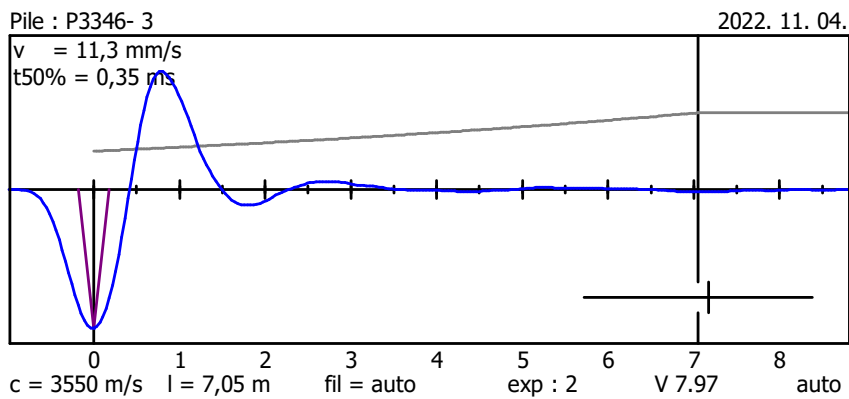
Pile :   P3346- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3347- 4   2022. 11. 04.

v   = 3,9 mm/s
t50% = 0,32 ms

c = 3500 m/s   l = 7,05 m   fil = auto   exp : 2   V 7.97   auto
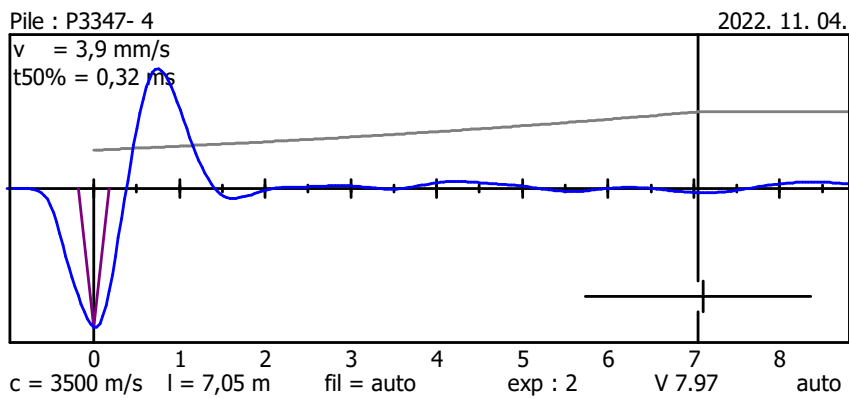
Pile :   P3347- 4

Average of :   1

Area :   [m2]

L/D :

Pile : P3348- 3   2022. 11. 04.

v   = 2,5 mm/s
t50% = 0,29 ms

c = 3500 m/s   l = 7,05 m   fil = auto   exp : 2   V 7.97   auto
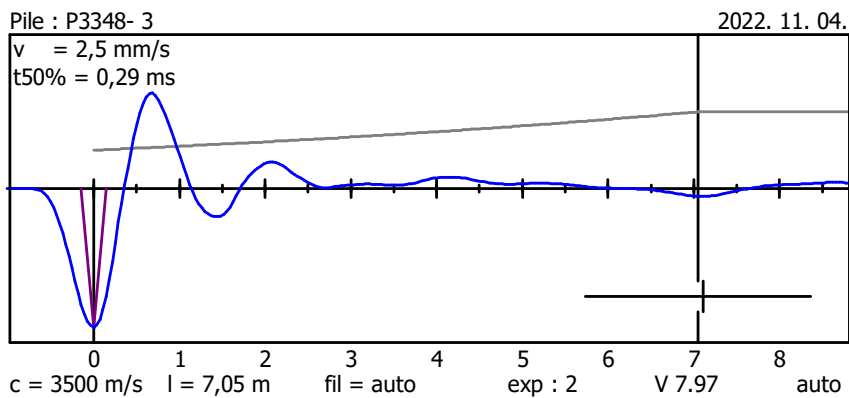
Pile :   P3348- 3

Average of :   1

Area :   [m2]

L/D :

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Pile : P3405- 4   2022. 11. 04.

v   = 2,7 mm/s
t50% = 0,29 ms

c = 3350 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
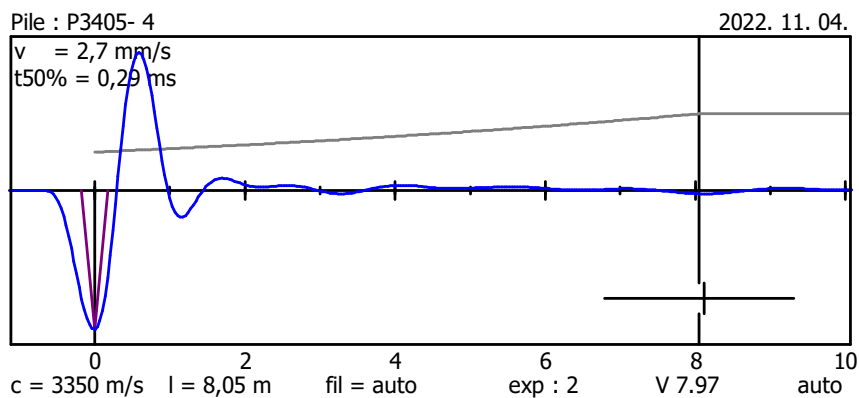
Pile :   P3405- 4

Average of :   1

Area :   [m2]

L/D :

Pile : P3406- 2   2022. 11. 04.

v   = 2,5 mm/s
t50% = 0,33 ms

c = 3300 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
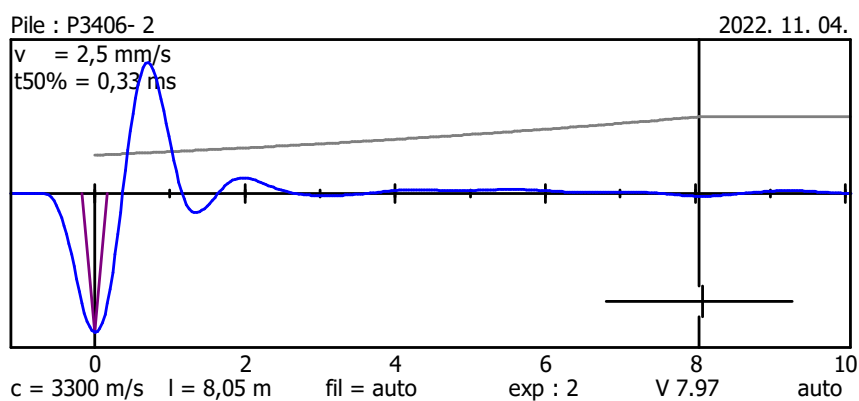
Pile :   P3406- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3407- 1   2022. 11. 04.

v   = 2,7 mm/s
t50% = 0,35 ms

c = 3300 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
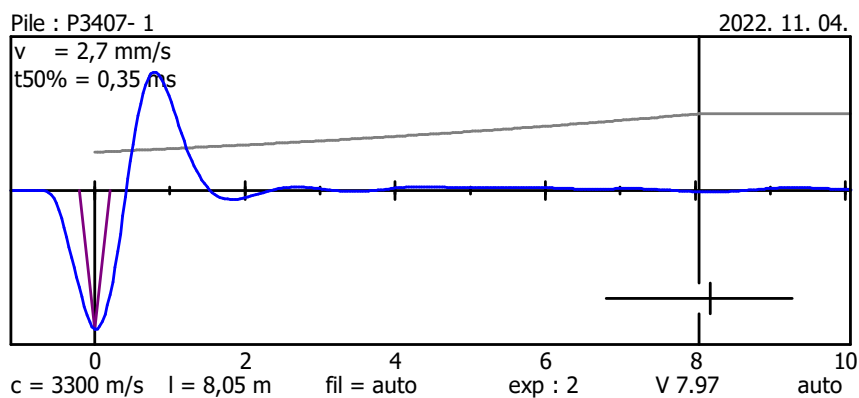
Pile :   P3407- 1

Average of :   1

Area :   [m2]

L/D :

Pile : P3408- 3   2022. 11. 04.

v   = 2,2 mm/s
t50% = 0,36 ms

c = 3300 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
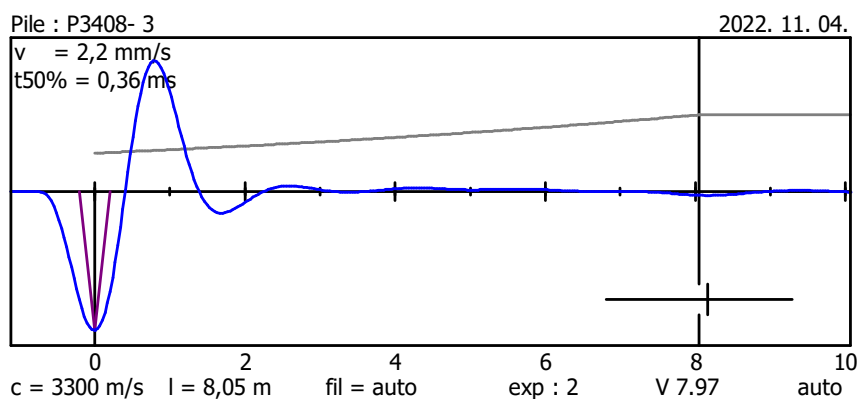
Pile :   P3408- 3

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

Pile : P3409- 1   2022. 11. 04.

v   = 3,0 mm/s
t50% = 0,39 ms

0   2   4   6   8   10
c = 3250 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
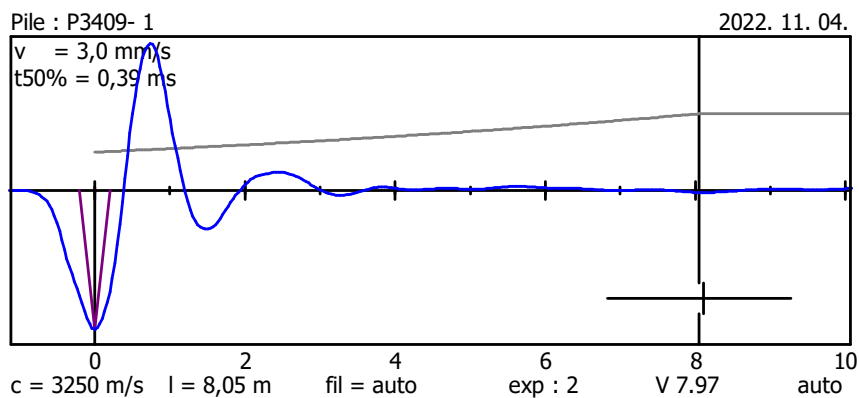
Pile :   P3409- 1

Average of :   1

Area :   [m2]

L/D :

Pile : P3410- 3   2022. 11. 04.

v   = 4,6 mm/s
t50% = 0,35 ms

0   2   4   6   8   10
c = 3300 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
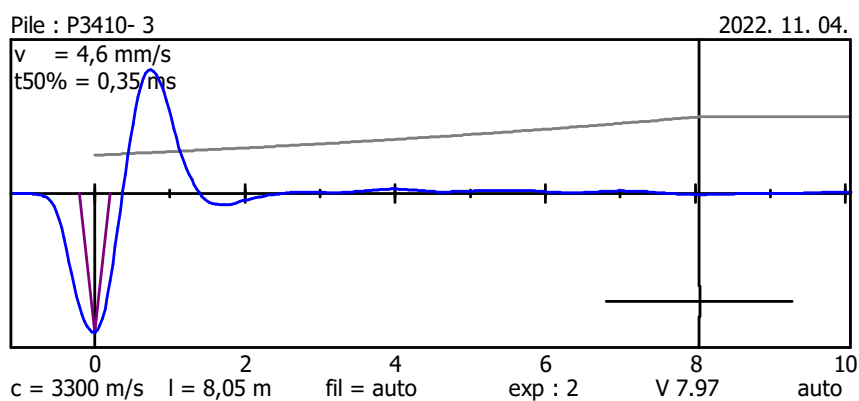
Pile :   P3410- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3411- 1   2022. 11. 04.

v   = 7,8 mm/s
t50% = 0,34 ms

0   2   4   6   8   10
c = 3400 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
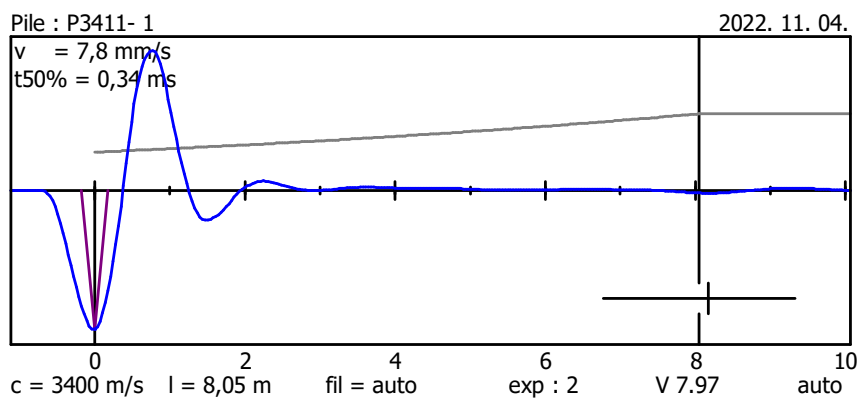
Pile :   P3411- 1

Average of :   1

Area :   [m2]

L/D :

Pile : P3412- 3   2022. 11. 04.

v   = 2,6 mm/s
t50% = 0,32 ms

0   2   4   6   8   10
c = 3300 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
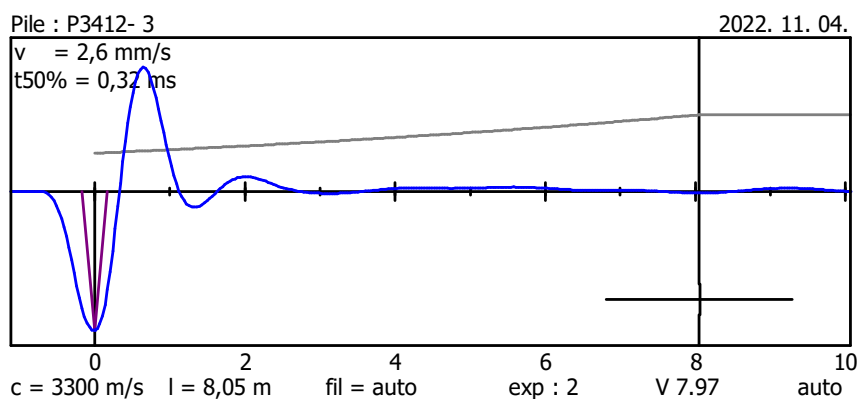
Pile :   P3412- 3

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

Pile : P3413- 4   2022. 11. 04.

v = 3,5 mm/s
t50% = 0,30 ms

c = 3350 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
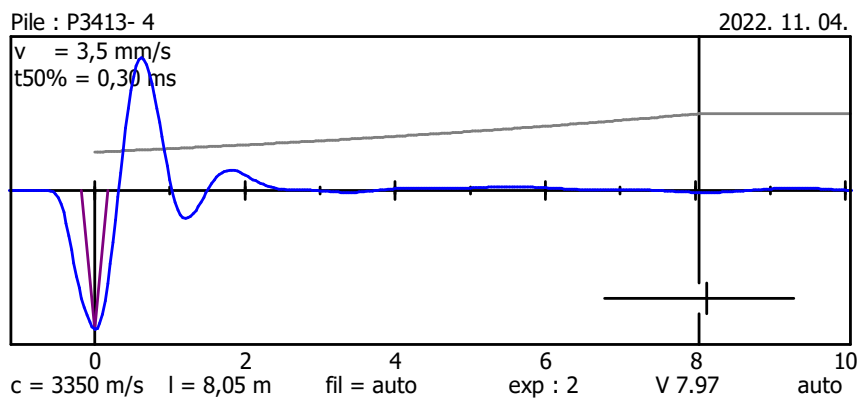
Pile :   P3413- 4

Average of :   1

Area :   [m2]

L/D :

Pile : P3414- 2   2022. 11. 04.

v = 2,7 mm/s
t50% = 0,34 ms

c = 3650 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
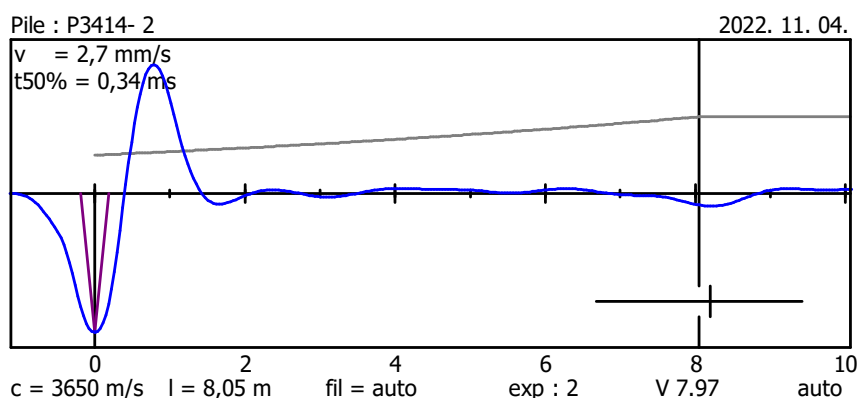
Pile :   P3414- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3415- 3   2022. 11. 04.

v = 2,2 mm/s
t50% = 0,36 ms

c = 3350 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
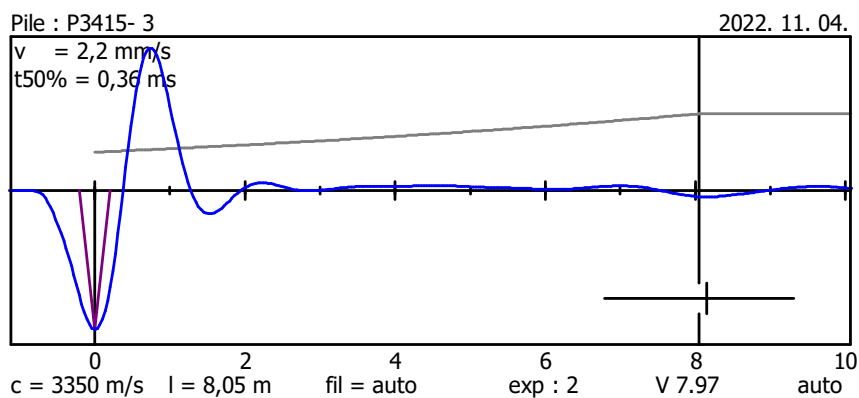
Pile :   P3415- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3416- 3   2022. 11. 04.

v = 6,3 mm/s
t50% = 0,36 ms

c = 3600 m/s   l = 8,05 m   fil = auto   exp : 2   V 7.97   auto
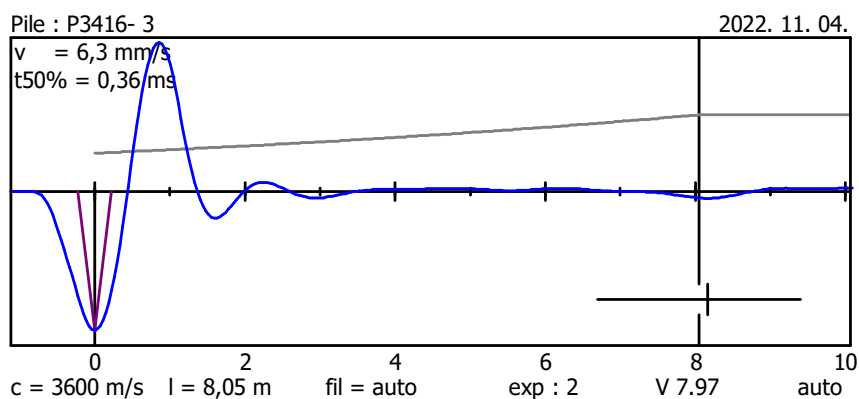
Pile :   P3416- 3

Average of :   1

Area :   [m2]

L/D :

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Debrecen, BMW - TMO

v = 2,3 mm/s
t50% = 0,33 ms

c = 3550 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
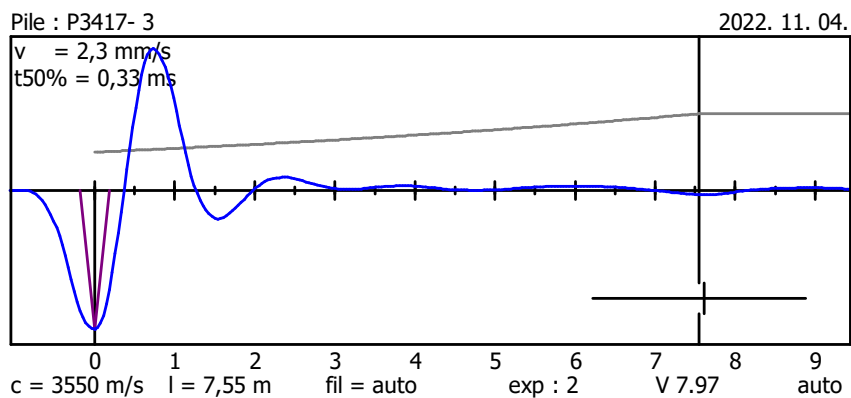
Pile :   P3417- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3418- 3   2022. 11. 04.

v = 10,5 mm/s
t50% = 0,40 ms

c = 3500 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
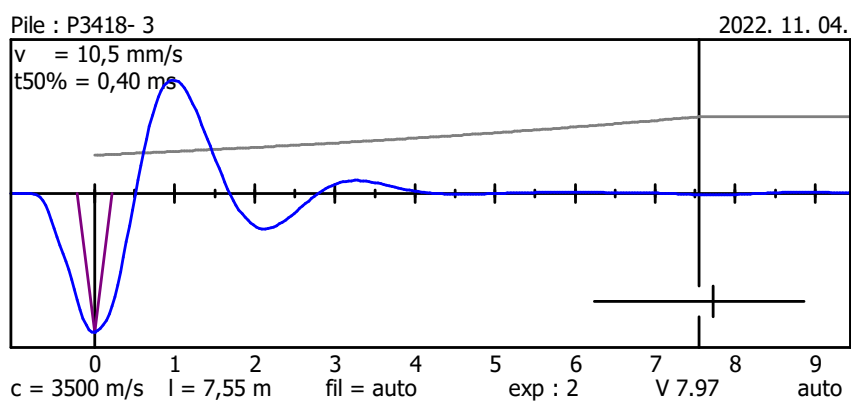
Pile :   P3418- 3

Average of :   1

Area :   [m2]

L/D :

Pile : P3419- 2   2022. 11. 04.

v = 20,0 mm/s
t50% = 0,42 ms

c = 2530 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
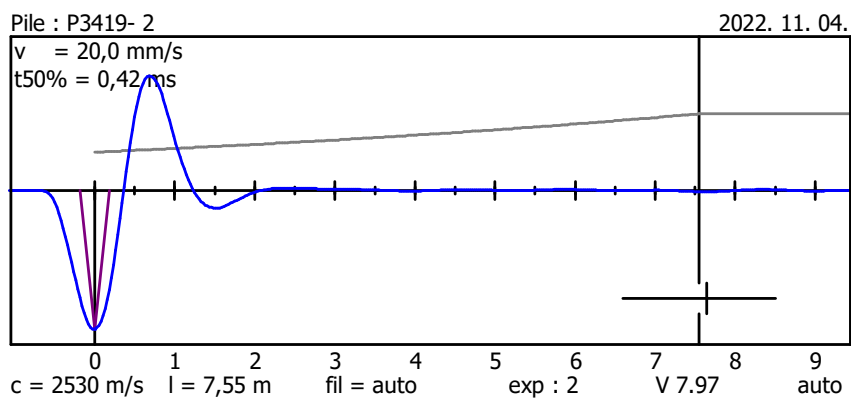
Pile :   P3419- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3420- 2   2022. 11. 04.

v = 4,1 mm/s
t50% = 0,32 ms

c = 3550 m/s   l = 7,55 m   fil = auto   exp : 2   V 7.97   auto
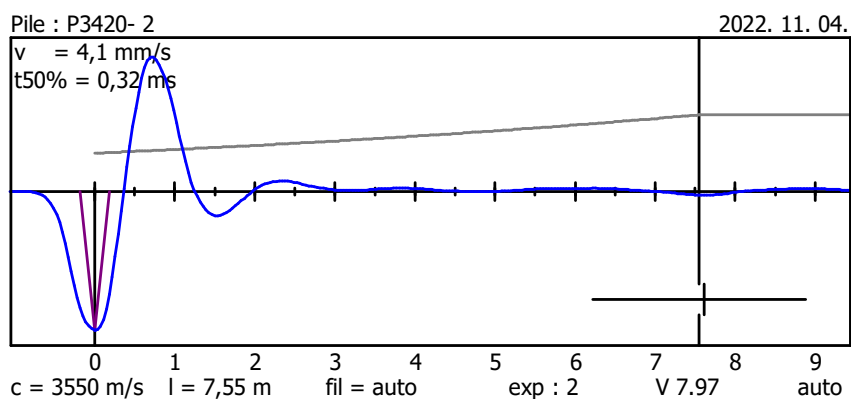
Pile :   P3420- 2

Average of :   1

Area :   [m2]

L/D :

Debrecen, BMW - TMO

Pile : P3421- 2   2022. 11. 04.

v   = 8,6 mm/s
t50% = 0,32 ms

```
0    1    2    3    4    5    6    7    8    9
c = 3150 m/s   l = 7,55 m    fil = auto      exp : 2      V 7.97      auto
```
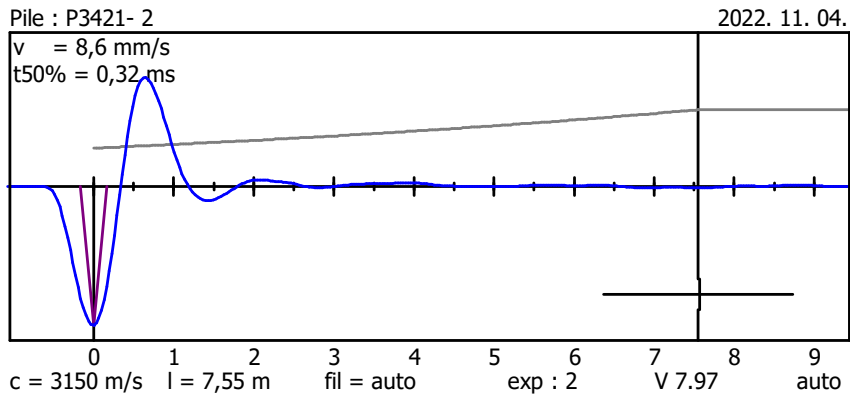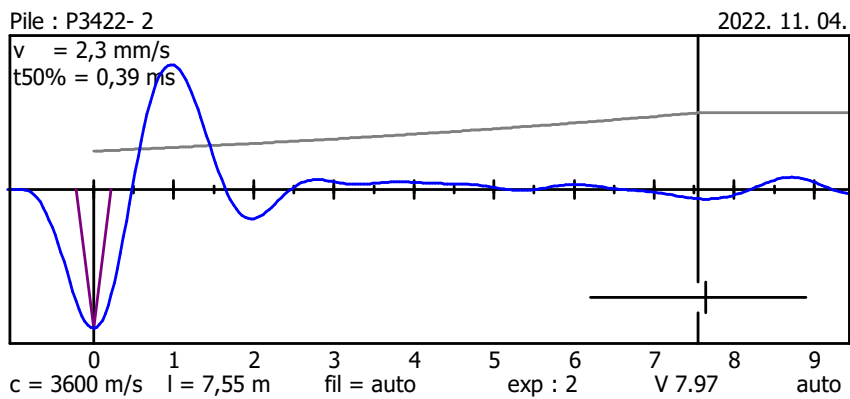
Pile :   P3421- 2

Average of :   1

Area :   [m2]

L/D :

Pile : P3422- 2   2022. 11. 04.

v   = 2,3 mm/s
t50% = 0,39 ms

```
0    1    2    3    4    5    6    7    8    9
c = 3600 m/s   l = 7,55 m    fil = auto      exp : 2      V 7.97      auto
```

Pile :   P3422- 2

Average of :   1

Area :   [m2]

L/D :

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