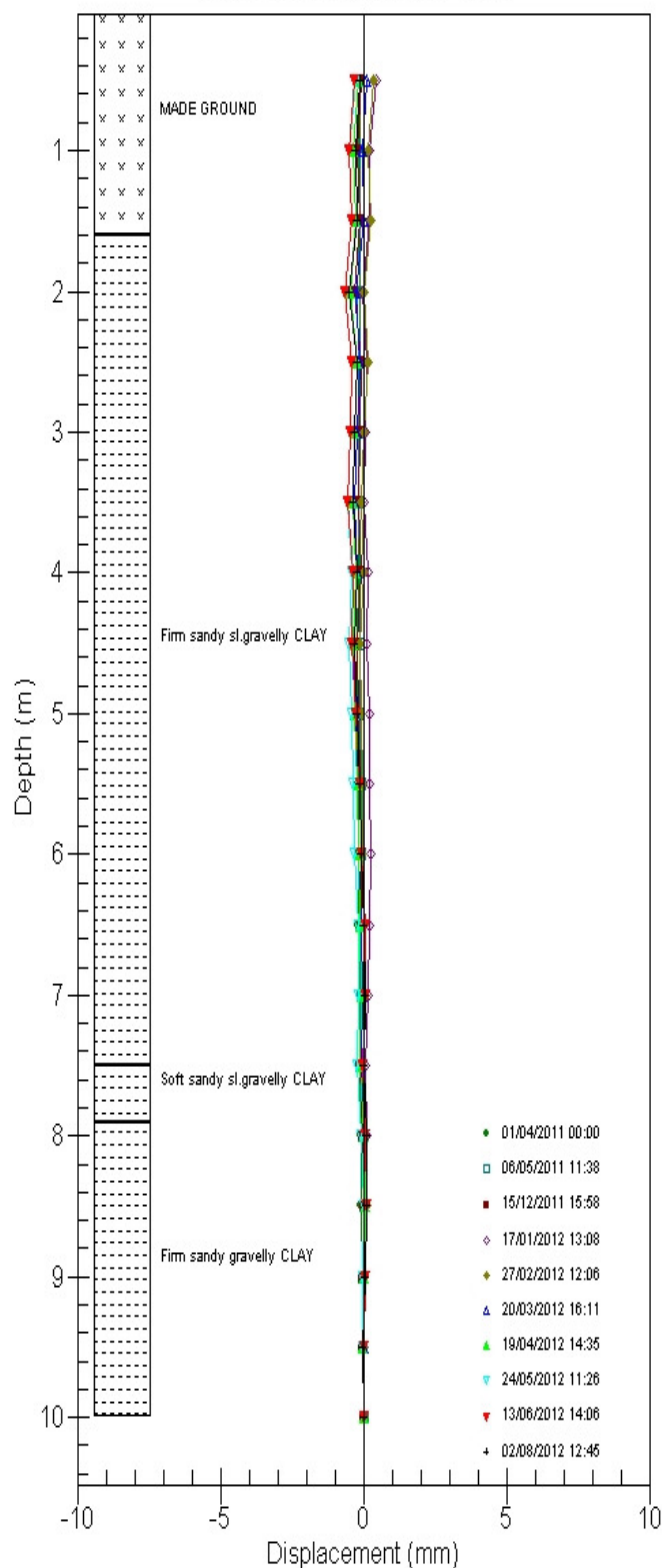


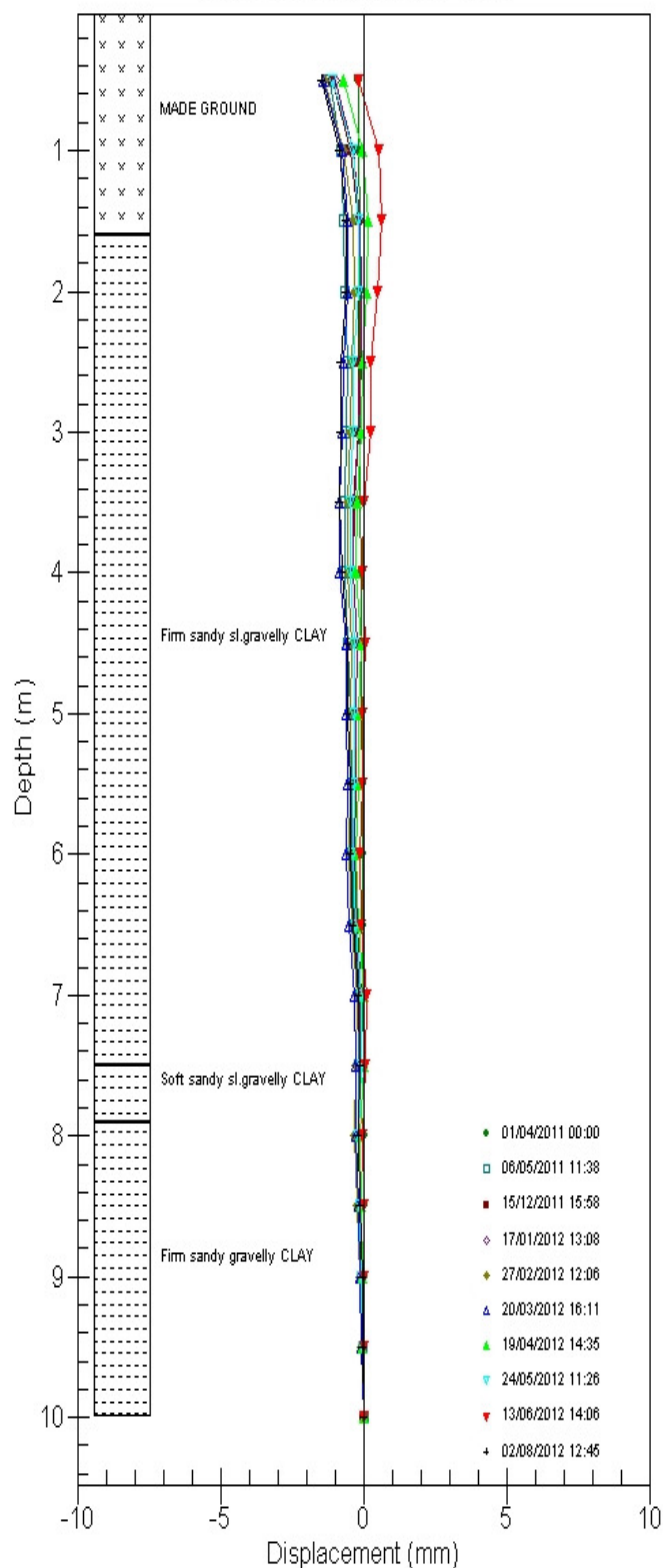
### 3819:CPBH05 - A Axis Cumulative

Initial survey: 28/03/2011 12:34



### 3819:CPBH05 - B Axis Cumulative

Initial survey: 28/03/2011 12:34



PROJECT: Filey Coastal Stability: Ground Investigation

SITE: 3819

INSTALLATION: CPBH05

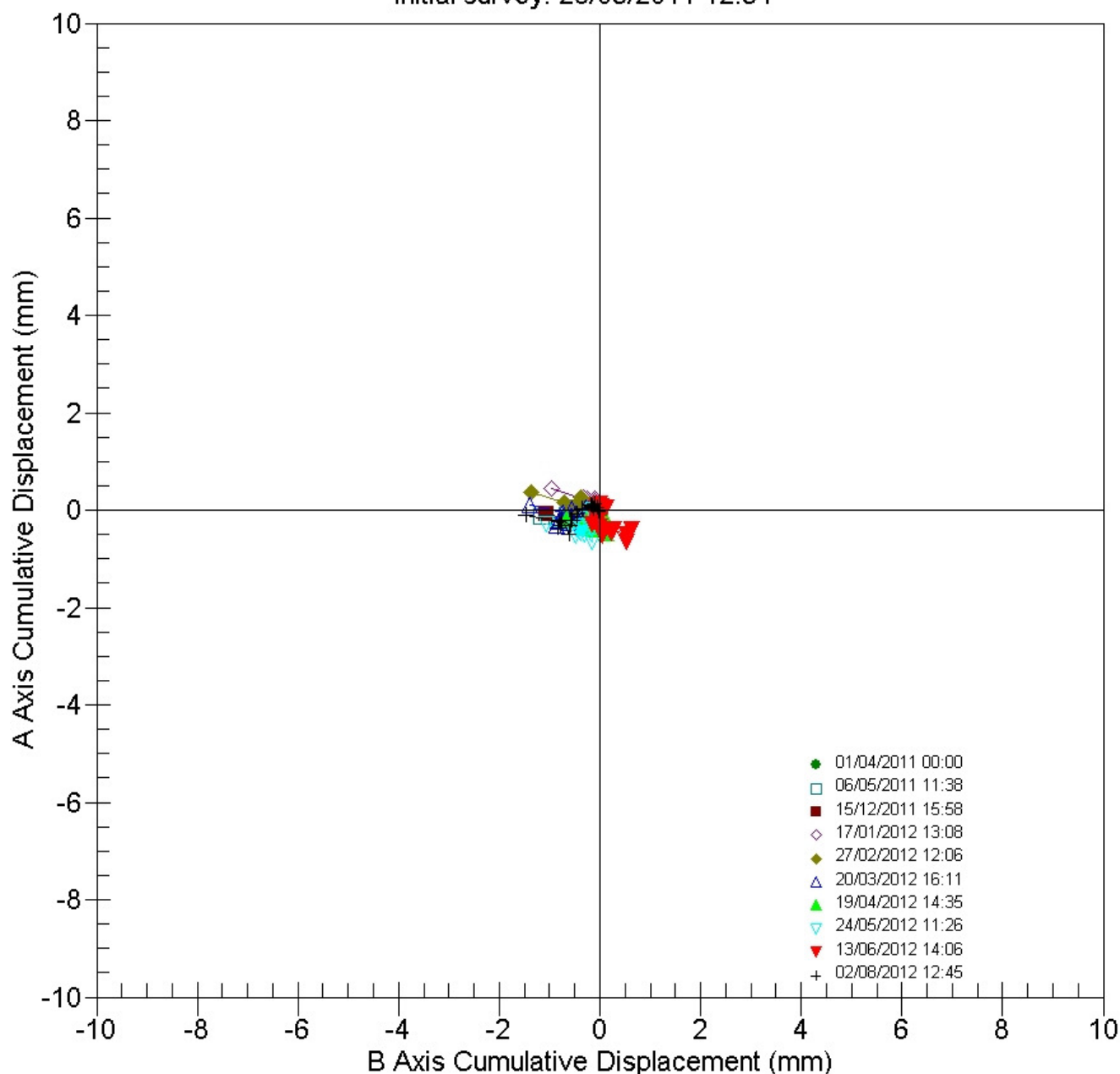
COMPANY: Allied Exploration & Geotechnics Ltd.

CLIENT: Scarborough Borough Council

NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

## 3819:CPBH05 - A Axis vs B Axis

Initial survey: 28/03/2011 12:34



PROJECT: Filey Coastal Stability: Ground Investigation

SITE: 3819

INSTALLATION: CPBH05

COMPANY: Allied Exploration & Geotechnics Ltd.

CLIENT: Scarborough Borough Council

NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Cumulative Deflection Data in A Axis (mm):

Depth (m)	01/04/2011 00:00 (mm)	06/05/2011 11:38 (mm)	15/12/2011 15:58 (mm)	17/01/2012 13:08 (mm)	27/02/2012 12:06 (mm)	20/03/2012 16:11 (mm)	19/04/2012 14:35 (mm)	24/05/2012 11:26 (mm)
0.5	-0.14	-0.13	-0.09	0.45	0.37	0.11	-0.17	-0.28
1.0	-0.12	-0.15	-0.24	0.22	0.17	-0.04	-0.38	-0.48
1.5	-0.10	-0.11	-0.12	0.23	0.25	0.03	-0.27	-0.40
2.0	-0.11	-0.19	-0.31	-0.02	0.02	-0.26	-0.47	-0.65
2.5	-0.11	-0.15	-0.09	0.14	0.15	-0.10	-0.23	-0.40
3.0	-0.12	-0.18	-0.13	0.08	0.03	-0.23	-0.30	-0.47
3.5	-0.16	-0.17	-0.19	0.03	-0.08	-0.33	-0.37	-0.52
4.0	-0.18	-0.12	-0.08	0.17	0.01	-0.23	-0.25	-0.40
4.5	-0.20	-0.13	-0.20	0.10	-0.11	-0.34	-0.38	-0.48
5.0	-0.20	-0.13	-0.16	0.21	-0.05	-0.27	-0.29	-0.40
5.5	-0.19	-0.08	-0.10	0.22	-0.02	-0.21	-0.24	-0.35
6.0	-0.17	-0.07	-0.09	0.25	-0.02	-0.16	-0.19	-0.29
6.5	-0.15	-0.06	-0.05	0.22	0.04	-0.08	-0.10	-0.18
7.0	-0.14	-0.06	-0.04	0.18	0.05	-0.04	-0.07	-0.15
7.5	-0.11	-0.08	-0.11	0.07	-0.03	-0.08	-0.12	-0.19
8.0	-0.08	-0.03	-0.01	0.10	0.07	0.04	0.00	-0.07
8.5	-0.05	0.00	0.03	0.10	0.12	0.09	0.07	0.01
9.0	-0.03	-0.01	-0.02	0.00	0.05	0.04	0.00	-0.05
9.5	-0.01	-0.01	-0.03	-0.02	0.00	0.00	-0.02	-0.05
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Cumulative Deflection Data in A Axis (mm):

Depth (m)	13/06/2012 14:06 (mm)	02/08/2012 12:45 (mm)
0.5	-0.29	-0.11
1.0	-0.48	-0.25
1.5	-0.39	-0.21
2.0	-0.65	-0.49
2.5	-0.39	-0.21
3.0	-0.47	-0.31
3.5	-0.53	-0.37
4.0	-0.35	-0.21
4.5	-0.43	-0.31
5.0	-0.25	-0.21
5.5	-0.11	-0.14
6.0	-0.07	-0.08
6.5	0.05	0.03
7.0	0.06	0.07
7.5	-0.01	0.02
8.0	0.09	0.11
8.5	0.13	0.13
9.0	0.07	0.05
9.5	0.03	-0.02
10.0	0.00	0.00

PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Cumulative Deflection Data in B Axis (mm):

Depth (m)	01/04/2011 00:00 (mm)	06/05/2011 11:38 (mm)	15/12/2011 15:58 (mm)	17/01/2012 13:08 (mm)	27/02/2012 12:06 (mm)	20/03/2012 16:11 (mm)	19/04/2012 14:35 (mm)	24/05/2012 11:26 (mm)
0.5	-0.18	-1.16	-1.06	-0.96	-1.36	-1.40	-0.67	-1.05
1.0	-0.17	-0.80	-0.47	-0.36	-0.71	-0.74	-0.04	-0.38
1.5	-0.13	-0.67	-0.18	-0.10	-0.37	-0.55	0.16	-0.14
2.0	-0.12	-0.62	-0.16	-0.07	-0.32	-0.56	0.13	-0.16
2.5	-0.13	-0.57	-0.17	-0.09	-0.42	-0.70	-0.02	-0.35
3.0	-0.11	-0.59	-0.19	-0.15	-0.47	-0.72	-0.09	-0.38
3.5	-0.10	-0.64	-0.34	-0.31	-0.55	-0.85	-0.23	-0.47
4.0	-0.09	-0.63	-0.37	-0.35	-0.56	-0.82	-0.24	-0.46
4.5	-0.07	-0.53	-0.21	-0.21	-0.39	-0.61	-0.09	-0.30
5.0	-0.05	-0.47	-0.28	-0.29	-0.44	-0.60	-0.18	-0.33
5.5	-0.04	-0.42	-0.28	-0.30	-0.45	-0.57	-0.18	-0.32
6.0	-0.04	-0.39	-0.30	-0.33	-0.49	-0.59	-0.25	-0.34
6.5	-0.01	-0.29	-0.23	-0.26	-0.42	-0.49	-0.16	-0.27
7.0	-0.01	-0.19	-0.09	-0.10	-0.24	-0.29	0.00	-0.09
7.5	0.01	-0.16	-0.08	-0.09	-0.27	-0.25	0.00	-0.07
8.0	0.01	-0.17	-0.15	-0.17	-0.33	-0.29	-0.10	-0.15
8.5	0.00	-0.11	-0.10	-0.10	-0.21	-0.19	-0.06	-0.12
9.0	0.01	-0.06	-0.05	-0.06	-0.13	-0.12	-0.03	-0.07
9.5	0.00	-0.03	-0.03	-0.03	-0.06	-0.06	-0.01	-0.04
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

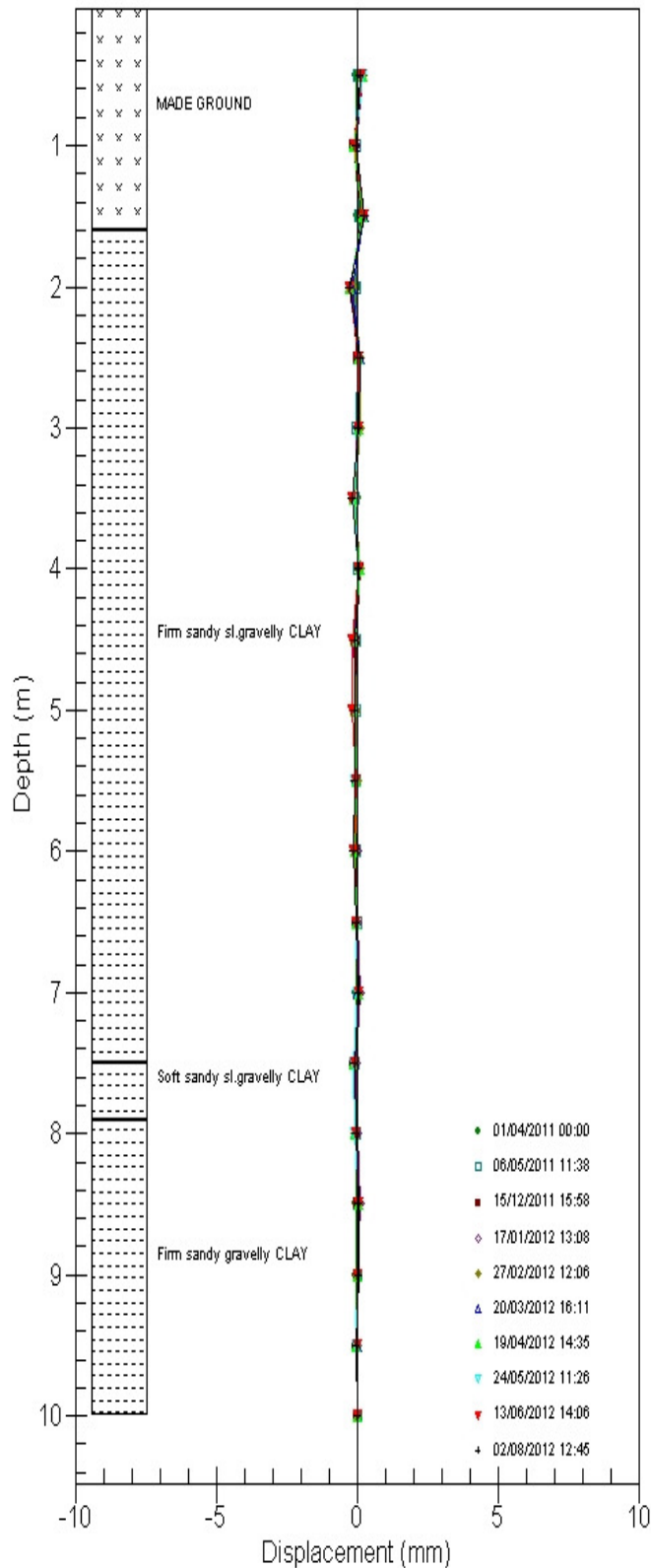
PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Cumulative Deflection Data in B Axis (mm):

Depth (m)	13/06/2012 14:06 (mm)	02/08/2012 12:45 (mm)
0.5	-0.15	-1.46
1.0	0.54	-0.81
1.5	0.63	-0.58
2.0	0.52	-0.60
2.5	0.28	-0.77
3.0	0.24	-0.78
3.5	0.04	-0.83
4.0	-0.01	-0.76
4.5	0.07	-0.57
5.0	-0.04	-0.56
5.5	-0.02	-0.46
6.0	-0.12	-0.46
6.5	-0.06	-0.35
7.0	0.12	-0.16
7.5	0.08	-0.13
8.0	-0.05	-0.18
8.5	0.00	-0.11
9.0	0.02	-0.04
9.5	0.01	-0.03
10.0	0.00	0.00

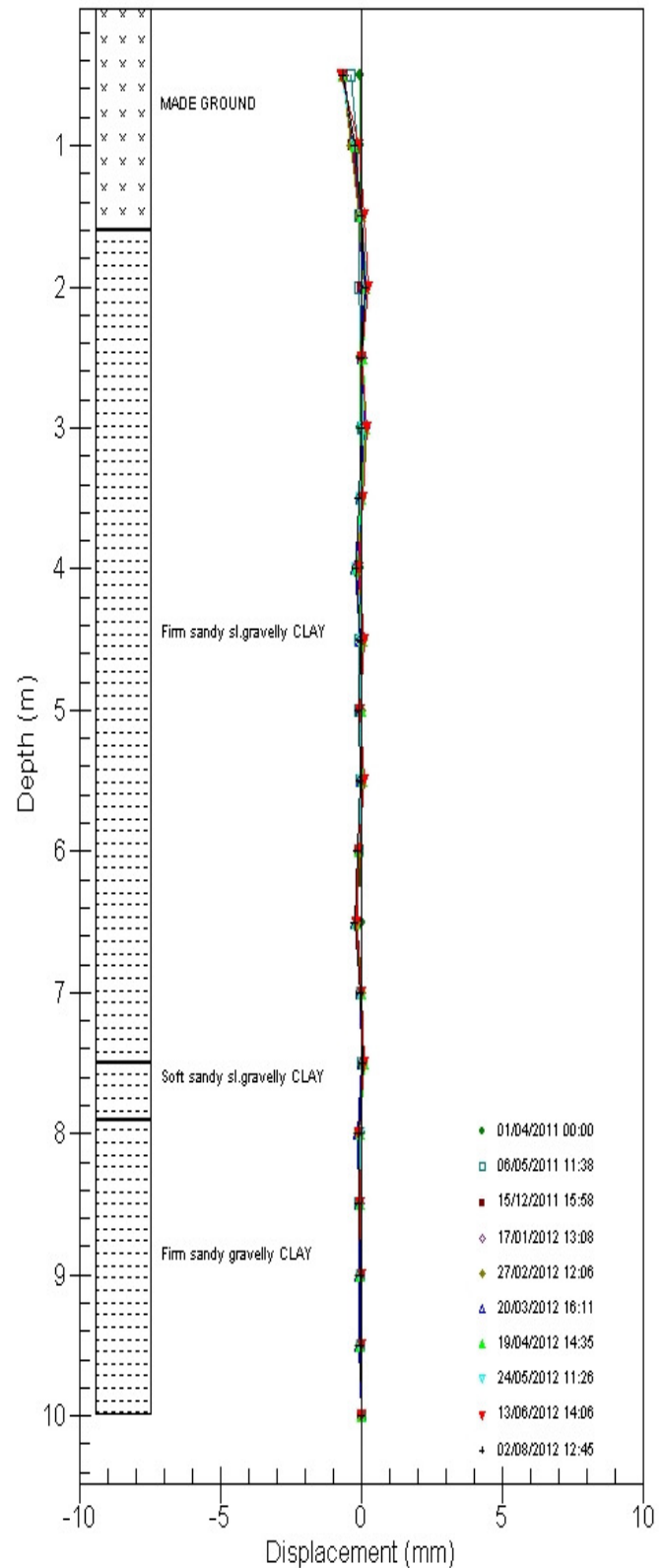
### 3819:CPBH05 - A Axis Incremental

Initial survey: 28/03/2011 12:34



### 3819:CPBH05 - B Axis Incremental

Initial survey: 28/03/2011 12:34



PROJECT: Filey Coastal Stability: Ground Investigation

SITE: 3819

INSTALLATION: CPBH05

COMPANY: Allied Exploration & Geotechnics Ltd.

CLIENT: Scarborough Borough Council

NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Incremental Deflection Data in A Axis (mm):

Depth (m)	01/04/2011 00:00 (mm)	06/05/2011 11:38 (mm)	15/12/2011 15:58 (mm)	17/01/2012 13:08 (mm)	27/02/2012 12:06 (mm)	20/03/2012 16:11 (mm)	19/04/2012 14:35 (mm)	24/05/2012 11:26 (mm)
0.5	-0.01	0.03	0.15	0.22	0.20	0.16	0.20	0.20
1.0	-0.02	-0.04	-0.12	0.00	-0.08	-0.07	-0.11	-0.07
1.5	0.01	0.08	0.19	0.24	0.23	0.28	0.20	0.24
2.0	0.01	-0.04	-0.22	-0.16	-0.13	-0.16	-0.24	-0.24
2.5	0.01	0.03	0.04	0.06	0.12	0.13	0.07	0.07
3.0	0.04	-0.01	0.06	0.05	0.11	0.10	0.07	0.06
3.5	0.02	-0.06	-0.11	-0.14	-0.09	-0.10	-0.12	-0.12
4.0	0.02	0.02	0.12	0.07	0.12	0.11	0.13	0.08
4.5	0.00	0.00	-0.04	-0.11	-0.06	-0.07	-0.08	-0.08
5.0	-0.01	-0.05	-0.06	-0.01	-0.03	-0.06	-0.06	-0.05
5.5	-0.02	-0.01	-0.01	-0.02	0.00	-0.04	-0.04	-0.05
6.0	-0.02	0.00	-0.04	0.03	-0.06	-0.08	-0.09	-0.11
6.5	-0.02	0.00	-0.01	0.05	-0.01	-0.04	-0.04	-0.03
7.0	-0.03	0.01	0.07	0.11	0.08	0.04	0.05	0.04
7.5	-0.03	-0.05	-0.10	-0.03	-0.10	-0.12	-0.12	-0.13
8.0	-0.02	-0.03	-0.04	0.00	-0.05	-0.05	-0.07	-0.08
8.5	-0.03	0.01	0.05	0.10	0.07	0.06	0.07	0.06
9.0	-0.02	0.00	0.01	0.02	0.05	0.04	0.02	0.00
9.5	-0.01	-0.01	-0.03	-0.02	0.00	0.00	-0.02	-0.05
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Incremental Deflection Data in A Axis (mm):

Depth (m)	13/06/2012 14:06 (mm)	02/08/2012 12:45 (mm)
0.5	0.19	0.13
1.0	-0.09	-0.03
1.5	0.26	0.28
2.0	-0.26	-0.28
2.5	0.07	0.10
3.0	0.06	0.06
3.5	-0.18	-0.16
4.0	0.08	0.10
4.5	-0.18	-0.09
5.0	-0.15	-0.07
5.5	-0.04	-0.06
6.0	-0.11	-0.11
6.5	-0.02	-0.04
7.0	0.07	0.05
7.5	-0.10	-0.09
8.0	-0.04	-0.02
8.5	0.06	0.09
9.0	0.04	0.07
9.5	0.03	-0.02
10.0	0.00	0.00

PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Incremental Deflection Data in B Axis (mm):

Depth (m)	01/04/2011 00:00 (mm)	06/05/2011 11:38 (mm)	15/12/2011 15:58 (mm)	17/01/2012 13:08 (mm)	27/02/2012 12:06 (mm)	20/03/2012 16:11 (mm)	19/04/2012 14:35 (mm)	24/05/2012 11:26 (mm)
0.5	0.00	-0.37	-0.60	-0.60	-0.65	-0.66	-0.63	-0.68
1.0	-0.04	-0.13	-0.29	-0.26	-0.34	-0.20	-0.20	-0.24
1.5	-0.01	-0.05	-0.01	-0.03	-0.05	0.01	0.04	0.02
2.0	0.01	-0.05	0.01	0.02	0.10	0.14	0.15	0.20
2.5	-0.02	0.03	0.03	0.06	0.05	0.03	0.07	0.02
3.0	-0.01	0.05	0.15	0.17	0.08	0.13	0.15	0.10
3.5	-0.02	-0.01	0.02	0.04	0.01	-0.03	0.01	-0.01
4.0	-0.02	-0.10	-0.16	-0.14	-0.17	-0.20	-0.15	-0.17
4.5	-0.02	-0.05	0.07	0.07	0.05	-0.01	0.09	0.03
5.0	-0.01	-0.05	-0.01	0.01	0.01	-0.03	0.01	-0.01
5.5	-0.01	-0.03	0.02	0.03	0.05	0.01	0.07	0.02
6.0	-0.03	-0.09	-0.07	-0.07	-0.07	-0.09	-0.09	-0.07
6.5	0.00	-0.10	-0.14	-0.16	-0.18	-0.20	-0.17	-0.18
7.0	-0.02	-0.03	-0.02	-0.01	0.03	-0.05	0.00	-0.02
7.5	0.00	0.01	0.07	0.08	0.05	0.04	0.11	0.07
8.0	0.01	-0.06	-0.06	-0.07	-0.12	-0.10	-0.04	-0.03
8.5	-0.01	-0.05	-0.05	-0.05	-0.09	-0.07	-0.03	-0.05
9.0	0.01	-0.03	-0.02	-0.03	-0.07	-0.06	-0.03	-0.03
9.5	0.00	-0.03	-0.03	-0.03	-0.06	-0.06	-0.01	-0.04
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PROJECT: Filey Coastal Stability: Ground Investigation  
 SITE: 3819  
 INSTALLATION: CPBH05  
 COMPANY: Allied Exploration & Geotechnics Ltd.  
 CLIENT: Scarborough Borough Council  
 NOTE: Initial inclinometer survey conducted 28.03.2011; two data readings taken then averaged in the set named 01/04/2011 00:00:00 for baseline purposes.

Incremental Deflection Data in B Axis (mm):

Depth (m)	13/06/2012 14:06 (mm)	02/08/2012 12:45 (mm)
0.5	-0.68	-0.64
1.0	-0.10	-0.24
1.5	0.11	0.02
2.0	0.24	0.18
2.5	0.04	0.01
3.0	0.20	0.05
3.5	0.05	-0.06
4.0	-0.08	-0.19
4.5	0.11	-0.02
5.0	-0.02	-0.09
5.5	0.10	-0.01
6.0	-0.07	-0.11
6.5	-0.18	-0.19
7.0	0.04	-0.03
7.5	0.13	0.05
8.0	-0.05	-0.07
8.5	-0.02	-0.07
9.0	0.01	-0.01
9.5	0.01	-0.03
10.0	0.00	0.00