

# FPS Ground Investigation Questionnaire

**Guidance notes:**

- The intention of this survey is to better understand the usefulness of a relevant site investigation.
- Complete one questionnaire for each project carried out.
- Answer all questions.
- Indicate a positive comment with either a cross or circle in the question matrix.
- Return the completed form to the FPS at the email address below.
- Responses can be electronic or scanned in PDF format.
- Further questions should be directed to the FPS address below.
- The survey is intending to take place from the first of October 2019 to the 1<sup>st</sup> January 2020.

1. What is the market sector that the ground investigation refers to?

1	2	3	4
Housing	Manufacturing	Private Commercial	Public sector (except housing)

2. What is the project value the ground investigation refers to?

Product type	1	2	3	4
	<£50,000	£50,000-£250,000	£250,000- £1 million	>£1 million
Bearing piles				
Embedded retaining wall				
Ground improvement				
Slope stabilisation				
Grouting				
Other (please specify)				

3. What are the first 5 digits of the postcode for the site? .....

4. What format is the ground investigation presented in?

	1	2	3	4
	Hard copy	PDF	AGS	other
Factual report				
Interpretive report				
Geotechnical interpretive (GIR)				
Geotechnical design (GDR)				
Baseline				
Other (please state)				

5. Using 0 as not included, 1 as not appropriate and 5 as very appropriate, please score how relevant the site investigation technique was to the foundation technique;

	0	1	2	3	4	5
<b>Dynamic probing</b>	0	1	2	3	4	5
<b>Window sampling</b>	0	1	2	3	4	5
<b>Trial pits</b>	0	1	2	3	4	5
<b>Cable Percussive</b>	0	1	2	3	4	5
<b>Rotary</b>	0	1	2	3	4	5
<b>CPT (Dutch cone)</b>	0	1	2	3	4	5
<b>Geophysical</b>	0	1	2	3	4	5
<b>Other</b>	0	1	2	3	4	5

6. What was the foundation technique?

1	2	3	4	5	6
Bearing piles	Embedded retaining walls	Ground improvement	Slope stabilisation	Grouting	Other (please specify)

7. Using 0 as not useful and 10 as very useful, please score how well the site investigation technique helped in the design process;

<b>Dynamic probing</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Window sampling</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Trial pits</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Cable Percussive</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Rotary</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>CPT (Dutch cone)</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Geophysical</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Other</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>

8. Thinking about the coverage of the investigation in regards to the development please consider the following by indicating the answer that is most appropriate;

	1	2	3	4	5
	Not applicable	Very poor	Poor	Good	Very good
Geological background (cavities slope stability etc.)					
Groundwater/hydrogeology					
Frequency of investigation points					
Relevant data to an adequate depth					
Plan and positional coverage					
Logging quality					
Insitu test frequency					
Sampling frequency and lab testing					

9. Did your organisation procure the ground investigation? Yes No

10. Did your organisation specify the ground investigation? Yes No

11.Using 0 as not included or irrelevant, 1 as not useful and 5 as very useful, please score how well the site investigation report helped the process;

<b>Borehole location plan</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Borehole levels</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Boreholes coordinated</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Topographical survey</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Design parameters</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Geotechnical emphasis</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Environmental emphasis</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Report quality</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

12.Overall how do you rate the investigation?

1	2	3	4	5
Very poor	Poor	Satisfactory	Good	Very good

13.Please share at least three things you would include that are missing from the ground investigation:

1	
2	
3	

14.Any final comments:

***Thank you for taking the time to complete this form.***

***Please return to [FPS@FPS.Org.UK](mailto:FPS@FPS.Org.UK) once complete***