c) a graphical presentation of the record of the drilling parameters;

d) a graphical presentation of the final record of the identification and description of soil and rock;

e) a graphical presentation of the backfilling;

f) a graphical presentation of the piezometer;

g) a graphical or numerical presentation of the results of the groundwater measurements;

h) name and signature of the responsible expert.

Annex A
(informative)

Example of a form for the preliminary information on the intended sampling and groundwater measurements

Preliminary information on the intended sampling and groundwater measurements		
Project		
Location		
Number of boreholes, excavations and/or groundwater measurements		
Orientation, inclination and acceptable deviations in boreholes		
Surveying requirements and expected geological and hydrogeological conditions		
Required accuracy and uncertainty of measurements		
Frequency of measurements		
Environmental and safety risks (associated with, e.g. flushing media, suspensions)	☐ yes	☐ no
	If yes, please specify	
Hazardous assessment for contaminated sites	☐ done ☐ not done ☐ not known ☐ not necessary	
Possible risks	☐ yes	☐ no
	If yes, please specify ☐ underground services, such as ..... ☐ overhead services, such as..... ☐ traffic, such as ..... ☐ unexploded ordnance ☐ contamination, such as..... ☐ other, such as.....	

Page 2	**Preliminary information on the intended sampling and groundwater measurements**	
Planned depth of the borehole or excavation		
Sampling category	☐ A ☐ B ☐ C	
Sampling method(s)		
Sample handling		
Sample storage		
Sample transport		
Intended *in situ* testing	☐ yes	☐ no
	If yes, please specify ☐ standard penetration test ☐ borehole expansion tests, such as..... ☐ geophysical borehole tests, such as..... ☐ geohydraulic tests, such as..... ☐ piezometer installation ☐ other, such as.....	
Borehole completion method and site reinstatement (needs, material, methods, etc.)		
Environmental care		
Emergency arrangements		
Name of the contact person (client or representative)		
Flow of information		
Name of qualified operator		
Name of responsible expert		
Remarks		

Annex B
(informative)

Field reports

B.1 Summary log

Summary log	Name of the enterprise		
Investigation type: borehole/trial pit/shaft/head *	Name of the client		
Name of the project		Number of the project	
Date:		Elevation	
Position		Borehole inclination	
		Borehole orientation	
Depth of the free groundwater surface	m	Borehole depth	m
Specifications and type of sampler used			
Attached records **	☐ drilling record ☐ sampling record ☐ backfilling record ☐ record of identification and description of soil and rock ☐ record of the installation of piezometers ☐ record of groundwater measurements ☐ others, such as		
Remarks (interruptions, obstructions, difficulties, etc.)			
Name of the responsible operator			
Signature of the responsible driller			
* delete if not applicable		** tick as applicable	

B.2 Drilling record

Drilling record	Name of the enterprise		
	Name of the client		
Name of the project		Number of the project	
Date of drilling		Identification of the borehole	
Drill rig (type, manufacturing year)		End depth of borehole	
Method of pre-drilling *		Ramming *	
Borehole diameters	mm	mm	mm

Depth		Drilling		Drilling tool				Casing			Flushing medium		
from	to	Method	Soil cutting technique	Type, bit	Diameter mm	Drive	Flushing medium	Inner diameter mm	Outer diameter mm	Depth mm	Pressure	Circulated volume	Remarks

Remarks (interruptions, obstructions, difficulties, etc.)	
Name of the responsible operator	
Signature of the responsible operator	

* if used

B.3 Sampling record

Sampling record	Name of the enterprise								
	Name of the client								
Name of the project			Number of the project						
Date of sampling			Identification of the borehole, etc.						
Identification of the sample									

Depth/core run m		Sample		Rock quality and core recovery			Sampler		Remarks — core lifter used — disturbance — soil/rock type — ramming used
		Length mm	Diameter mm	TCR	RQD	SCR	Specifications	Type	
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								
from	to								

Remarks

Name of the qualified operator	
Signature of the qualified operator	

B.4 Record of identification and description of soil and rock

Name of the enterprise: Name of the client: Drilling method: Date: Diameter: Inclination: Project name:	**Record of identification and description of soil and rock according to ISO 14688-1 and ISO 14689-1** Name and signature of the qualified operator:	Page: Trial pit: Project number:

1	2	3	4	5	6	7
Depth **to** m	**Identification of soil or rock type** Additional remarks Geological designation/stratigraphy	**Colour** **Carbonate content**	**Description of the sample** - Consistency, plasticity, hardness, uniaxial strength - Particle shape, matrix - Weathering, discontinuities, etc.	**Description of drilling progress** - Drillability/core shape - Use of chisel - Observations, etc.	**Samples tests** - Type - Number - Depth	**Remarks** - Seepage/flushing medium - Drilling tools/casing - Core loss - Core length

Page 2

1	2	3	4	5	6	7
Depth to m	**Identification of soil or rock type** Additional remarks Geological designation/stratigraphy	**Colour** **Carbonate content**	**Description of the sample** - Consistency, plasticity, hardness, strength - Particle shape, matrix - Weathering, discontinuities, etc.	**Description of drilling progress** - Drillability/core shape - Use of chisel - Observations, etc.	**Samples tests** - Type - Number - Depth	**Remarks** - Seepage/flushing medium - Drilling tools/casing - Core loss - Core length

B.5 Backfilling record

Backfilling record	Name of the enterprise						
	Name of the client						
Name of the project				Number of the project			
Date of backfilling:				Identification of the borehole, etc.			
Depth m		**Fill material**		**Depth** m		**Fill material**	
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
from	to			from	to		
Remarks							
Name of the qualified operator							
Signature of the qualified operator							

B.6 Record of the installation of a piezometer

Record of piezometer installation	Name of the enterprise	
	Name of the client	

Name of the project		Number of the project	
Date of installation		Identification of the borehole/piezometer	
Position of piezometer		Elevation of piezometer	m
No. of equipment for closed systems		Elevation of filter	

	Tube				Filter material				Sealing material			
No	Type	from m	to m	Diameter	Material	Type	from m	to m	grain size mm	Type	from m	to m

Water level prior to testing	m	Date:	Time:
Water level after lowering, etc.	m	Date	Time
First relevant reading	m	Date	Time

Further readings of the water levels

No	Date	Time	Depth of water level m	Depth of the casing m	Depth of the borehole m

Remarks

Name of the qualified operator	
Signature of the qualified operator	