



Updated: 05/2021

### Creation of User-defined Template

Program:	Stratigraphy – Logs					
File:	Demo_manual_44.gsg					

Every country or company has its requirements for the form of the field test report. The stratigraphy program allows you to define any data and protocols within the template set. The goal of this engineering manual is to show how you can create these templates and edit them

#### Assignment

Modify the "EN-Standard" template set for borehole so that:

- The layers will include text data "My Drillability"
- The notes were not entered for the individual layer but only for the entire borehole
- Contained new types of samples "Aggressivity" and "Rock strength Schmidt"

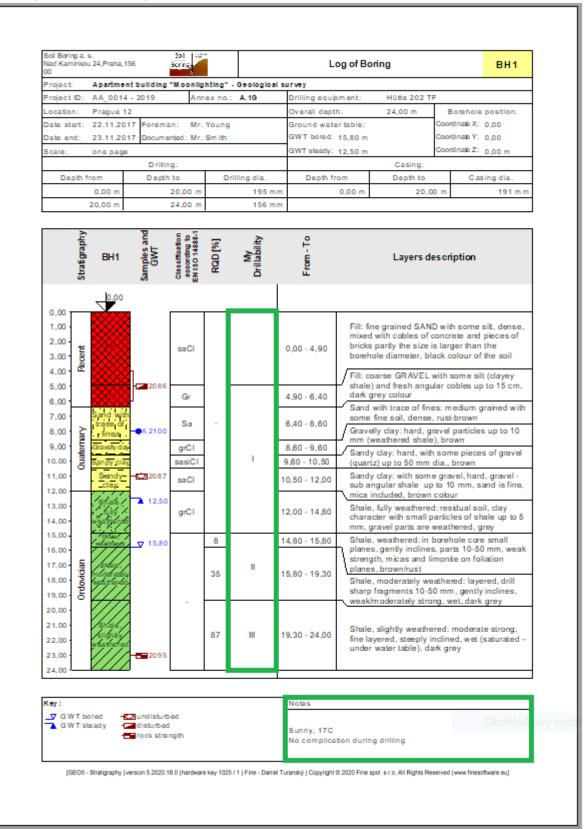
Use the data from the previous Engineering Manual – Demo\_manual\_42.gsg. Name the newly created template set EM 44 and save it in the Templates Administrator for future use.

Next, modify the output protocol so that it will match the new data. The output log of the "EN-Standard" template set for borehole has the following form:

Project		Anartar	i hulldle -	Beringe	hilari	· - Geological s	Log of Be	-		
Project   Project	D.	Apartmen AA 0014	-		hting'	-	Drilling equipment:	Hütte 202 TF		
Location	_	Praque 12		1010			Overall depth:	24,00 m		position:
Date sta	_	22.11.201		in: Mr	Youn		Ground water table:	27,001	Coordinals X:	
Date en		23.11.201		nted: Mr.			GWT bored: 15.80 m		Coordinate Y:	
Scale:		one page					GWT steady: 12,50 m		Coordinate Z:	
			Drillin	g:				Casing:		
Dep	th f	rom	Depth	to		Drilling dia.	Depth from	Depth to	Ca	sing dia.
		0,00 m		20,00 m		195 mm	0,00 m	20,0	0 m	191 m m
	_	20,00 m		24,00 m		156 mm				
	Stratigraphy	BH1	ples and GWT	Classification according to EN 130 14888-1	34D [%]	rom - To	2100	s description		Votes
	Strafi	Dirit.	Sampl	Clarel accor EN 130	RQI	From	Layer	accomption		ž
		<b>*</b>								
0,00 T			1							<u> </u>
1,00		****					Fill: fine grained S mixed with cobles	AND with some of concrete and	silt, den se, pieces of	
2,00 -	ŧ			saCl		0,00 - 4,90	bricks partly the s	ize is larger than	the	
3,00	Recent	$\times$					borehole diameter	, black colour of	the soil	
4,00	æ	$\otimes$	h				Fill: coarse GRAV			
5,00		XXXX	2086				shale) and fresh a dark grey colour	ngular cobles up	to 15 cm,	
6,00			۲	Gr		4,90 - 6,40	Sand with trace of fines: medium grained with			
7,00		Sand with		Sa	-	6.40 - 8.60	some fine soil, de			Easy
8,00	≧	fines		58		0,40 - 0,60	Gravely day: han	d, gravel particles	s up to 10	drilling
9,00	Ë	Gravely day		grCl		8,60 - 9,60	mm (weathered sl		a of a second	
10,00	Quatemany	Sandy clay		sasiCI		9,60 - 10,50	(quartz) up to 50 r		s or gravel	
11,00	Ŭ	Sandy	2087	saCl		10.50 - 12.00	Sandy clay: with s	ome gravel, hard	i, gravel -	
12,00		day					sub angular shale mica included, bro		and is fine,	
13,00		Shale/	12,50	grCl		12.00 - 14.80	Shale, fully weath	ered: residual so	il, day	
14,00-		weatherde		girs i		12,00 - 14,80	character with sm	all particles of sh	ale up to 5	
15,00-		Eaties!			8	14.80 - 15.80	mm, gravel parts a Shale, weathered			
16,00-		unist langet	<b>y</b> 15,80		0	19,01 - 00,91	planes, gently ind	ines, parts 10-50	mm, weak	
17,00-	E	ported 1					strength, micas ar planes, brown/rus		iation	
18,00	Ordoviciar	no odrately			35	15,80 - 19,30	Shale, moderately		red, drill	
	ğ	111					sharp fragments 1	0-50 mm, gently	indines,	Loosing of
19.00	~	111					weak/moderately	strong, wet, dark	grey	drilling fluid
19,00		Shale					and states a			
20,00		/slightly/			87	19,30 - 24,00	Shale, slightly we fine layered, steep	ly inclined, wet (	e strong, saturated –	
							under water table	, dark grey		
20,00 21,00 22,00		weathered	2000			1	1			
20,00 21,00		weathered	2095							



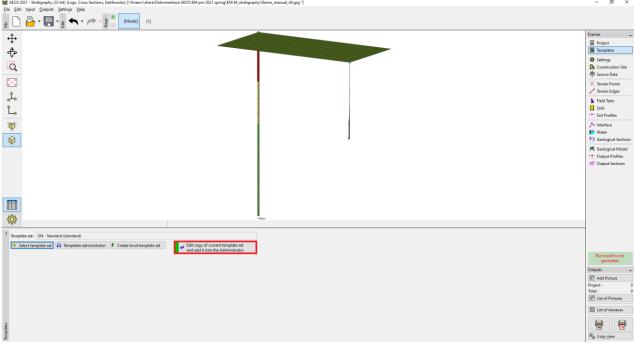
#### The required form of the protocol:





#### Solution:

First, open the Demo\_manual\_42.gsg file, which contains the test data. In the Templates frame, check whether you have set the template set you want to edit – "EN – Standard" (If a different template set is selected, we can change it by clicking the "Select Template" button in the list of templates). Press the "Edit copy of current template set and add it into the Administrator" button to enter the window for editing the template set.



We name the new template set "EM44". After editing, the template is saved into the "Templates administrator".

	dd copy of standard template set into the administrator
Nam	e: 🏦 EM 44 🛛 🔻 🛪 EN
No.	Name
1	Borehole
2	Well
3	СРТ
	DDT

In the table, we select template No. 1 (Borehole). In the "Edit template" window, we can see that the template contains the data of the selected test (left part of the window) and the protocols on how to print the data (right part of the window). Next, the mapping for import/export is in the right corner of the window (more information in EM47 – <u>Export and Import of Field Tests in the Stratigraphy</u>).

			Input data	- 🛪 İn	put data for field test		List of ou	itput protocols	
No.	Name	Type	Parameters	Conditional input	Comment	Add according to sample	No. Name	Protocol type	🔶 Add
1	Test name	String			General / Fixed	according to sample	1 Borehole - Field test	Field tests	
2	Overall depth	S Number	Symbol: d <sub>tot</sub> 8,89 m 8,89 ft		Read only - automatically determined from data of field test / General / Fixed	+ Add (to the end)	2 Borehole - Soil profile	Soil Profiles	
3	Coordinate X	🔇 Number	8,89 m 8,89 ft		General / Fixed				
4	Coordinate Y	S Number	8,89 m 8,89 ft		General / Fixed				Copy All
5	Coordinate Z	S Number	8,89 m 8,89 ft		General / Fixed				
6	Vertical offset of the origin	🕤 Number	Symbol: d <sub>h</sub> 8,89 m 8,89 ft		General / Fixed		List of mapping	for export and import	💠 Add
7	GWT bored	String	Symbol: GWT <sub>b</sub> Unit description: m, ft		Read only - list of GWT bored from GWT table / Borehole+Well+SPT+PMT		1 FINE AGS4 Ed. 4.0. 2 FINE - EN Standar		
8	GWT steady	String	Symbol: GWT <sub>s</sub> Unit description: m, ft		Read only - list of GWT steady from GWT table / Borehole+Well+SPT+PMT				
9	Layers Thickness Depth	<ul> <li>Table</li> <li>Number</li> <li>Number</li> </ul>	With layer thickness Number of elements 6		Borehole+Well+SPT+PMT / Fixed		Mapping for impor	t/export	
	Soil name Soil pattern	String Pattern and color					of field tests		B Copy All
	Layer description Data - Basic	String				- Conv			Paste
	Stratigraphy Classification according to ENUSO 14699-1	String String				Copy All	Columns for Cross-Sections (number of	columns 4) :	Input co
	Classification according to EN ISO 14688-1 Classification according to EN ISO 14688-2	String String				▼ PB Paste	Graphical representation (number of ite		

ability : model creation, boreho



Note: Within the one template, we can define the data for all types of tests that the Stratigraphy program supports (Borehole, Well, CPT, DPT, SPT, DMT a PMT) and the form of all output protocols of the entered data.

Firstly, we will focus on data editing. In the left part of the window, all data contained in the template are displayed.

Editten	nplate										- 0 3
me: Ab	Borehole	7a EN	Comment : 🚘		▼ 7 <sub>A</sub>						
				Input data					List of	output protocols	
No. 1	Name	S itri	Type ring	Parameters	Conditional input	Comment General / Fixed	Add according to sample	No. 1	Name Borehole - Field test	Protocol type Field tests	💠 Add
2	Overall depth	S Nu	umber	Symbol: d <sub>ist</sub> 8,89 m 8,89 ft		Read only - automatically determined from data of field test / General / Fixed	<ul> <li>Add (to the end)</li> </ul>	2	Borehole - Soil profile	Soil Profiles	
3	Coordinate X	S Nu		8,89 m 8,89 ft		General / Fixed					
4	Coordinate Y	S Nu		8,89 m 8,89 ft		General / Fixed					
5	Coordinate Z	S Nu		8,89 m 8,89 ft		General / Fixed					
6	Vertical offset of the origin	S Nu		Symbol: d <sub>n</sub> 8,89 m 8,89 ft		General / Fixed					
7	GWT bored	🕤 Stri		Symbol: GWT <sub>b</sub> Unit description: m, ft		Read only - list of GWT bored from GWT table / Borehole+Well+SPT+PMT					
8	GWT steady	🕤 Stri		Symbol: GWT, Unit description: m, ft		Read only - list of GWT steady from GWT table / Borehole+Well+SPT+PMT					
9	Layers Talkkness Depth Depth Solip attern Layer description Deta - Basic Stratigraphy Classification according to EN ISO 14685-1 Classification according to EN ISO 14685-2 ROS Notes	Stri Stri Stri Stri Stri Stri Stri	umber umber ining tittern and color ting ting ting ting ting	With layer thickness Number of elements 6		Borehole+Well+SPT+PMT / Fixed					Copy All
10	Semplers Death from Death from Death to Sample type undisturbed disturbed disturbed technological rock stempth sample of water other	C Table C Nu C Nu C Ini C Ini C Ini C Ini C Ini C Ini C Ini	ble amber umeration umeration element umeration element umeration element umeration element umeration element	With depth "from" and optional "to" Number of elements 4		Borehole+ SPI+PMT / Fixed		No 1 2	Name FINE AGS4 Ed. 4.0.	g for export and import Comment	🔶 Add
11	otter Sample index Table GWT Begth GWT bype GWT bored GWT teady GWT teady GWT deception	S Tab S Nu S Eni	umber sumeration sumeration element sumeration element	With depth Number of elements 3		Borehole+ Well+SPT+ PMT / Fixed	ва, Сору				Copy All Paste
12	Data - Protocol Annex no.	Gro Stri	oup	Number of elements 8			No Copy All で Paste		ns for Cross-Sections (number of ical representation (number of		Input colum
_	Lacation		ria a				C. Paste	Uraph	can exemation momber of	menne ()	incon representation

Note: The individual data have auxiliary markings for clarity, that helps the user to orientate.

- 1. House  $(\mathbf{\widehat{m}})$  indicates that the data type was created and named by the user
- 2. Globe (S) indicates that the data type was selected from the "Global Library". The global library contains predefined data types that the user can insert into his template.
- 3. Globe with a house (1) indicates that the data type was selected from the global library and subsequently modified by the user.



We enter a new layer property – "My Drillability". On the "Borehole" tab, select the item – no.9 "Layers" and click on the "Edit" button (You can also double click it with a mouse)

🔳 Edit te	mplate									— 🗆 ×
Name: A	Borehole -	🛪 EN Comment : 🖌	1	▼ X <sub>A</sub>						
			Input data						List of output protocols	
No.	Name	Type	Parameters	Conditional input	Comment	Add	No.	Name	Protocol typ	e 🕂 Add
-	Coordinate	VINUMBE	8,89 ft		denerary rived	according to sample		orehole - Field test	Field tests	
5	Coordinate Z	S Number	8,89 m 8,89 ft		General / Fixed	+ Add (to the end)	2 Bi	orehole - Soil profile	Soil Profiles	-
6	Vertical offset of the origin	S Number	Symbol: d <sub>h</sub> 8,89 m 8,89 ft		General / Fixed	: Ⅲ Insert (before 9)				
7	GWT bored	String	Symbol: GWT <sub>b</sub> Unit description: m, ft		Read only - list of GWT bored from GWT table / Borehole+Well+SPT+PMT	7 Edit (number 9)				All Copy
8	GWT steady	String	Symbol: GWTs Unit description: m. ft		Read only - list of GWT steady from GWT table / Borehole+Well+SPT+PMT	Remove (number 9)				
9	Layers Thickness	Table	With layer thickness Number of elements 6		Borehole+Well+SPT+PMT / Fixed			List of	mapping for export and import	
	Depth Soil name	Number     String				Move upwards (number 9)	No.	Name	Comment	🕂 Add
	Soil pattern	Pattern and color				Move downwards	2	FINE AGS4 Ed. 4.0. FINE - EN Standar		
	Layer description Data - Basic	Group				Move downwards (number 9)		Filler - Ele Standal		
	Stratigraphy	String								
	Classification according to EN ISO 14688-1 Classification according to EN ISO 14688-2	String								
	RQD Notes									- Com
10	Samples	String	With depth "from" and optional "to"		Borehole+SPT+PMT / Fixed					All Copy
	Depth from	Number	Number of elements 4							Paste
	Depth to Sample type undisturbed	<ul> <li>Number</li> <li>Enumeration</li> <li>Enumeration element</li> </ul>				Copy (number 9)	Columns	for Cross-Sections (n	umber of columns 4) :	Input columns
	disturbed	S Enumeration elemen			-	Paste	Graphica	I representation (nur	mber of items 1) : 🔳 Input gr	aphical representations
Capability	: model creation, borehole								OK + 🦊 🖌 OK	🗙 Cancel

The "Edit data type" dialog window will open. It contains the soil layer data.

	Edit data type						_		×
— F	Parameters of data type								
Тур	e : Table 👻 Name : 🕥 Layers	•	▼ 🛪 EN Comm	ient : 🥎	Borehole+Well+SPT+PMT / Fixed	👻 🛪 EN 🛛 Parameters : 🚷	changed	global	•
Tab	le type : With layer thickness 🔹								
No	. Name		Туре	Column	Parameters	Comment	+ Add		
1	Thickness	5	Number	~	Symbol: t 8,89 m 8,89 ft	General / Fixed	to t	he end)	_
2	Depth	6	Number	~	Symbol: d 8,89 m 8,89 ft Allow input of string	Read only - automatically determined fro			
3	Soil name	6	String	~		Borehole+Well+SPT+PMT / Fixed			
4	Soil pattern	5	Pattern and color	~	Pattern and color	Borehole+Well+SPT+PMT / Fixed			
5	Layer description	5	String	~	Multiline string	Borehole+Well+SPT+PMT / Fixed			
6	Data - Basic Stratigraphy Classification according to EN ISO 14688-1 Classification according to EN ISO 14688-2 RQD	000	Group String String String String		Number of elements 5				
	Notes		String				卧 Cop All	у	
L							🖹 Past	e	
-0	Conditional input								
Ma	ster enumeration : (unspecified)  v No enumerations defined for	or using	g as master.						
	Changed Global data type					OK + ∱ OK + ↓ ✓ C	Ж	🗙 Car	ncel



#### Click the "Add" button to add a new item.

New table column	×
Input method : create new user data type 🔻	
	✓ OK X Cancel

#### After confirming with the OK button, describe the created data type.

New table column			×
- Parameters of data type-			
Type: String 🔻 Name: 🔮 My Drillability 🔽 🗐 🛪 EN Comment: 🔮 🔍 🔻			
Symbol: MD			
Metric : Unit description :			
English : Unit description :			
Multiline string			
- Conditional input			
Master enumeration: (unspecified) v No enumerations defined for using as master.			
🔮 User data type	١dd	🗙 Can	icel

#### Confirm by clicking the "Add" button, and the data type will be added to the layer data.

	Edit data type					– 🗆 ×
_	Parameters of data type					
Ту	e: Table v Name: 🕥 Layers	▼ 🛪 EN Comm	nent : 🌀	Borehole+Well+SPT+PMT / Fixed	👻 🛪 EN 🛛 Parameters : 🐔	changed global 💌
Tal	le type : With layer thickness 🔹					
N	Name	Туре	Column	Parameters	Comment	🕂 Add
1	Thickness	Number	~	Symbol: t	General / Fixed	(to the end)
				8,89 m 8,89 ft		: Insert (before 7)
2	Depth S	Number	~	Symbol: d	Read only - automatically determined fr	( )
				8,89 m 8,89 ft		Edit (number 7)
				Allow input of string		
3	Soil name G	String	~		Borehole+Well+SPT+PMT / Fixed	Remove
4	Soil pattern	Pattern and color	~	Pattern and color	Borehole+Well+SPT+PMT / Fixed	(number /)
5	Layer description G	String	~	Multiline string	Borehole+Well+SPT+PMT / Fixed	
6		Group		Number of elements 5		
		String String				Move upwards
		String				<sup>≡</sup> ° (number 7)
		String				E Copy
		String		Symbol: MD		Copy (number 7)
ľ	My Drillability	String	· ·	Symbol: MD		Paste
	Des Primer France					La rosce
_	Conditional input					
Ma	ster enumeration : (unspecified)  v No enumerations defined for using	g as master.				
					OK + ♠ OK + ♣ 🖌	
4	Changed Global data type				OK + ∲ OK + ↓	OK 🗙 Cancel



We will stop entering and take a look at how the newly created data is entered. We will go to the borehole editing and borehole layer editing. The new data type "My Drillability" is displayed in the main part of the window.

Edit table row					×			
Thickness: t	= <mark>1,50</mark> [m]			Data - Basic				
O Depth : fro	m 4,90 [m] to 6,	40 [m]		Stratigraphy :	Recent			
Soil name :	Fill		-	Classification according to EN ISO 14688-1 :	Gr			
Soil pattern :	Pattern category :	Color :	Pattern :	Classification according to EN ISO 14688-2 :				
	GEPRODO -	<b>•</b>		RQD :	-			
	Search :	Background :	-	Notes :	Easy drilling			
	Subcategory :	enter color 🔹	1 Made-up ground		✓			
	Superficial deposits (1 - 83) -	·						
Layer description :	coarse GRAVEL with some silt (clayey shale)	and fresh angular cobles up to 15 cm,	, dark grey colour 🛛 🔿					
			~					
My Drillability :								
				OK + 🛧	OK + 🦊 🗸 OK 🗙 Cancel			

The input is little bit unclear, so we have decided to modify the data. We want "My Drillability" item as part of the "Data – basic" tab on the right side of the dialog window. Therefore, we will go back to template editing and layer data editing. Firstly, we will delete our data type "My Drillability" that we had entered.

	idit data type					— D ×
— P	rameters of data type					
Туре	: Table - Name: 🕥 Layers	▼ 🛪 EN Comme	nt: 🌖	Borehole+Well+SPT+PMT / Fixed	👻 🛪 EN 🛛 Parameters : 🚷	changed global 🔻
Tabl	type : With layer thickness v					
No.	Name	Туре	Column	Parameters	Comment	🕂 Add
1	Thickness 6	Number	~	Symbol: t 8,89 m 8,89 ft	General / Fixed	(to the end) to the end) to the end) to the end) to the end)
2	Depth S	Number	~	Symbol: d 8,89 m 8,89 ft Allow input of string	Read only - automatically determined fro	7 Edit (number 7)
3	Soil name Question			×	Borehole+Well+SPT+PMT / Fixed	• Remove (number 7)
4	Soil pattern	n		~	Borehole+Well+SPT+PMT / Fixed	(number /)
5	Layer description	Do you really want to	delete se	lected table item?	Borehole+Well+SPT+PMT / Fixed	
6	Usta - Basic Stratigraphy Classification according to EN ISO 14688-1 Classification according to EN ISO 14688-2 RQD	Yes String String String	0			Move upwards (number 7)
7	My Drillability at	String	1	Symbol: MD		
	onditional input er enumerations (unspecified) Vo enumerations defined for using	j as master.				Paste
	Changed Global data type				OK + ∱ OK + ᢤ ✔ C	K X Cancel



Then select the "Data-Basic" table and add our data type to it. Because we have already defined it, it is not necessary to enter it again, but we will select it from the already existing "user data types"

Edit t	emplate										– 🗆 🗙
Name : 4	Borehole		A EN Comment:	4	▼ X <sub>A</sub>						
				Input data					List of output	it protocols	
No.		Name	Туре	Parameters	Conditional input	Comment	Add	No.	Name	Protocol type	🕂 Add
9	Lavers		Table	With laver thickness		Borehole+Well+SPT+PMT / Fixed	<ul> <li>according to sample</li> </ul>	1 Borehole - Fi		Field tests	
	Thickne	55	Number	Number of elements 7			Add (to the end)	2 Borehole - So	oil profile	Soil Profiles	
	Soil nan	ne	String								
	Soil pat	tern escription	S Pattern and color S String				E Insert (before 9)				
	Data - B	asic	Edit table item						- 0 ×		En Copy
-	Class	ification according to EN ISO 14688-1	Edit table item						- U X		融 Copy All
	Clas	🗃 Edit data type	<ul> <li>Parameters of data type</li> </ul>	e							
	Note	Parameters of data type	Type: Group	Name: Ab Data - Basic	- ≭A EN 0	Comment: 🔬	<ul> <li>✓ X<sub>A</sub></li> </ul>			xport and import	
10	My Dril Samples	Type: Table Vame: S	No.	Name	Тур	e Parameters	Com	ment	🔔 Add	mment	+ Add
10	Depth 1		1 Stratigraphy		String		Borehole+Well+SPT+	PMT / User	(to the end)		
	Depth t Sample	Table type : With layer thickness	2 Classification accor 3 Classification accor		String String		Soil/Rock Test / User Soil/Rock Test / User				
	undi		4 RQD	ding to EN ISU 14088-2	String	Unit description: [%], [%]	Soil/Rock Test / User				
	dist. tech	1 Thickness	5 Notes		String	Multiline string	General / User				
	rock										
	leaci	2 Depth	ſ	New group item				×			All Copy
-	othe Sample										Paste
11	Table GW1	3 Soil name		Input method : select existing user data ty	<mark>∕pe ▼</mark> Type: String ▼					-	
1	Depth GWT ty	4 Soil pattern		My Drillability				-		nns 4) :	Input columns
	GW1			Symbol: MD						): 🔳 Input gra	phical representations
C 170	: model crea	6 Data - Basic Stratigraphy								🕹 🖌 ок	X Cancel
Capability	: model crea	Classification according to EN I							Copy	V VK	× Cancel
		Classification according to EN IS RQD									B* Add Picture
		Notes					🕂 Add	X Cancel	Paste		Project :
			- Conditional input								Total :
		- Conditional input	Master enumeration : (u	inspecified) v No enumerat	tions defined for using as master.						B <sup>III</sup> List of Picture
											III List of Annex
		Master enumeration : (unspecified)	🟦 User data type				OK + 🔶	🗸 (	DK 🗙 Cancel		
		Changed Global data type				0K+ 🔶 0K+ 😽	V OK X Cancel				

Tip: All data types can be copied/pasted using the buttons in the left bottom part of the table.

<b>B</b>	Copy (number 9)
8	Paste

We can always see how the data are arranged in the table:

		🗚 EN Comment: 쉺		<ul> <li>▼</li> <li>X<sub>A</sub></li> </ul>							
			Input data							List of output protocols	
No.	Name	Туре	Parameters	Conditional input	Comment		Add	No.	Name		🕂 Add
9	Lever: <u>Dischoss</u> Depth Soli name Soli patten Layer description Data - Basic Stratiggaphy Casofication according to EN ISO 14688-1 Classification according to EN ISO 14688-2 ROD Notes My Onlability	Number     Number     String     Pattern and color     String     Group     String     String	With layer thickness Number of elements 6		Borehole+Well+SPT+PMT / Fixed	•	Add (to the end) If lineer (before 9) Fait (number 9) Remove (number 9)	2 B		Field tests Soil Profiles mapping for export and import	Copy All
10	Samples Depth from Depth from Depth by pe- Sample type disturbed technological reck strength leachate other sample index	Table     Number     Number     Number     Inumeration     Enumeration element     Enumeration element     Enumeration element     Enumeration element     Enumeration element     Enumeration element     String			Borehole • SPT+ PMT / Fixed		Move upwards (number 9)     Move downwards (number 9)	No. 1 2	Name FINE AG54 Ed. 4.0, FINE - EN Standar	Comment	Add
11	Table GWT Depth GWT type GWT bored	S Table	With depth Number of elements 3		Borehole+Well+SPT+PMT / Fixed		Copy (number 9)		s for Cross-Sections (n	umber of columns 4) : mber of items 1) : IIII Input gra	Input colu



In the "Field Test" frame, we will check whether the assignment corresponds with our idea. Now the "My Drillability" data is entered in the "Data – Basic" tab.

Edit table row					×
Thickness: 1	t = <mark>4,90</mark> [m]			Data - Basic	
O Depth : fro	0,00 [m] to 4	l,90 [m]		Stratigraphy :	Recent
Soil name :	Fill		•	Classification according to EN ISO 14688-1 :	saCl
Soil pattern :	Pattern category :	Color :	Pattern :	Classification according to EN ISO 14688-2 :	
	GEPRODO -	· · · · · · · · · · · · · · · · · · ·		RQD :	-
	Search :	Background :	-	Notes :	Easy drilling
	Subcategory :	enter color 🔹	1 Made-up ground		~ · · ·
	Superficial deposits (1 - 83)	▼	T made up ground	My Drillability : MD =	
Layer description :	fine grained SAND with some silt, dense, m is larger than the borehole diameter, black		es of bricks partly the size \land	ing officiality i	
	is larger than the porchoic diameter, place		~		
					OK + 🦊 🖌 OK 🗶 Cancel

In the next step, we will add new "Samples". We will return to entering the template and gradually select what we want to edit:

- Samples editing
- Editing sample types

In the upper right corner of the window, next to the "Parameters" item, click on the menu button and enable editing of the selected parameters – change the type to "fixed changed". The "Add" button will appear, with which we will enter the new samples

: 🔬 🛛	44	▼ 7 EN	Comment: 🔐	• 7A						
_	Name			Capability		Comment		Add		Frames
Borehole			model creation, borehole					+ Add (to the end)		E Pr
Edit ter	- alata		model creation horehole well							12N
	npiate									
lame: 🐴	Borehole	* ×	EN Comment: 🚘	* 7 <u>A</u>						
				Input data				List of ou	tput protocols	
No.	Nam			arameters Cond	tional input	Comment	Add No.	Name	Protocol type	🕂 Add
7	GWT bored		String Symbol: GWT <sub>b</sub>		Read only - list	of GWT bored from GWT 🔔 🖪		Rorehole - Field test	Field tests	
8	GWT steady	🧮 Edit data type						D × profile	Soil Profiles	
	,	- Parameters of data typ	Edit table column					- 0	×	
9	Layers	Type: Table v	-					L	~	
	Thickness Depth	Table type : With depth "	<ul> <li>Parameters of data type</li> </ul>							-
	Soil name		Type: Enumeration ~ Name:	Sample type	▼ XA EN Comment:	Borehole+SPT+PMT / Fixed	▼ X <sub>A</sub> EN	Parameters : 🚷 changed globa	•	All Copy
	Soil pattern Laver description	No.	Ne	Name	Туре	Parameters	Commer	nt Add		
	Data - Basic	1 Depth from	1 undisturbed		S Enumeration element			Add (to the end	Ŋ	
	Stratigraphy Classification according		2 disturbed		S Enumeration element				and import	
	Classification according	2 Depth to	3 technological		Enumeration element				nt	💠 Add
	RQD Notes		4 rock strength 5 leachate		Enumeration element Enumeration element					
	My Drillability	3 Sample type	6 sample of water		S Enumeration element					
10	Samples Depth from	undisturbed disturbed	7 other		S Enumeration element					
	Depth to	technological								
	Sample type undisturbed	rock strength leachate								
	disturbed	sample of water								融 Copy
	technological rock strength	other								
	leachate	4 Sample index							_	Paste
	sample of water other								1 0	Imput co
	Sample index							Copy	🔳 Input gra	hical represent
		- Conditional input								
pability	model creation, borehole	Master enumeration : (u						🖹 Paste	🗸 ОК	X Cano
			- Conditional input							T
		🕤 Global data type	Master enumeration : (unspecified)	<ul> <li>No enumerations defined f</li> </ul>	or using as master.					
										Outpu
										<b>▶</b>
										Projec
										Total :
										B <sup>tt</sup> L
										000 Li

## **GE05**

First, we add the "Aggressivity" sample. This data type exists in the "Global data library". Select the option "Select global data type" and find the item aggressivity in the menu.

New enumeration element	×
Input method : select global data type : Enumeration of select global data type : Enumeration of select existing user uata type create new user data type	element 👻 🗌 Show data types for all countries
	🕂 Add 🗙 Cancel

lew enumeration element		×
nput method : select global data type	▼ Type : Enumeration element ▼ Show data types for all cou	ntries
-		•
-		
-		
-		
-		
1 : 100 1 : 50		
1:50 Adriatic		
aggressivity		
aromatic hydrocarbons		
Balt after adjustment		
bzg		
C		
C+D		
C10-C40		
Cambrian		
Carboniferous		
conductivity		
Cretaceous		
D		
Devonian		
E ED		
ED Eh – reduction potential		
EL		
Eocene		
F1		
F1-2		
F2		
F3		
F3-4		
F4		
F4-5		
F5		
full chemical analysis		
GL		
GLF		
GLH		
GLM		
GWT	GWT - any	
GWT bored		
GWT steady		
heavy metals Holocene		
chlorinated hydrocarbons		
input	SPT / Fixed	
input	SPT / Fixed	
ion of chlorine		
Jurassic		
K		
Ĺ		
layer on surface		



After pressing the "Add" button, we see that the new type of sample "Aggressivity" has been assigned to the list. The second enumeration item is not in the predefined global library, so we enter a new data type

🛢 Edit table column						$ \Box$ $\times$
- Parameters of data type						
Type : Enumeration 👻 Name : 🕥 Sample type	•	≭A EN Comment:	Borehole+SPT+PMT / Fixed	▼ 🛪 EN		
No. Name		Туре	Parameters	Comn	nent	Add (to the end)
1 undisturbed		Enumeration element				(to the end)
2 disturbed	-	Enumeration element				
3 technological		Enumeration element				
4 rock strength 5 leachate		Enumeration element Enumeration element				
6 sample of water	-	Enumeration element				
7 other		Enumeration element				
New enumeration element Input method : create new user of	data type			×		탄 Copy All Paste
Master enumeration : (unspecified)			✓ OK	X Cancel		
🚷 Changed Global data type				OK + 🚹 O	K + 🦊 🗸 O	K 🗙 Cancel

New enumeration element				$\times$
- Parameters of data type				
Type : Enumeration element v Name : 🟦 Rock strength - Schmidt v 🏹 EN Comment : 🏦 v 🛪				
Enumeration element has no other parameters.				
🟦 User data type	🕂 Add	i 🕽	🕻 Cano	:el



#### Let's look at the result of the assignment.

🥃 Edit table column				– 🗆 X
Parameters of data type				
Sype : Enumeration 👻 Name : 🕥 Sample type	👻 🛪 EN Comment : 🔇	Borehole+SPT+PMT / Fixed	▼ 🛪 EN Parameter	s : 🔮 changed global
No. Name	Туре	Parameters	Comment	Add (to the end)
1 undisturbed	S Enumeration element			(to the end)
2 disturbed	S Enumeration element			:王 Insert (before 8)
3 technological	Enumeration element	$\boxtimes$		:± (before 8)
4 rock strength	S Enumeration element			- Edit
5 leachate	S Enumeration element			7 Edit (number 8)
6 sample of water	Enumeration element			
7 other	Enumeration element			(number 8)
8 aggressivity	S Enumeration element	A		(number o)
9 Rock strength - Schmidt	🖀 Enumeration element	RS		
				■ Move downwar (number 8)     Copy (number 8)     Paste
Conditional input				
laster enumeration : (unspecified) v No enumerations	defined for using as master.			
	,			
🚡 Changed Global data type			OK + ∱ OK + ♣	✓ OK X Cance



When editing the borehole, we check that the new samples can be entered and drawn.

Edit field test properties (borehole)	— 🗆 X
- Test parameters	Soil profile
Test name : BH1	0,0
Coordinate : x = 0,00 [m] y = 0,00 [m]	1,5- <b>F</b> W
Heigth : input <b>v</b> z = 0,00 [m]	3,0-
Depth of 1. point : d <sub>1</sub> = 0,00 [m]	4,5-
Overall depth : d <sub>tot</sub> = 24,00 [m]	6,0-
✓ Field test generates soil profile	Sand with trace 3
Layers         Samples         Table GWT         Data - Protocol         Data - Test         Attachments	9,0 Gravelly 4
No.*         Depth from         Depth to         Sample type         Sample index	
dmin [m]         dmax [m]         T           1         4,00         6,00 disturbed         2086         7 Edit (number 2)	10,5 <u>E</u> <u>F</u> 12,0 Shale, fully 1
2 8,00 aggressivity 2100	<u></u>
3 11,00 undisturbed 2087 · ▼ Remove (number 2)	Shale, fully 13,5-weathered
4 23,00 rock strength 2095	
New table row X	15,0- Shale, 8
Depth : d = 8,00 [m]	16,5 Shale, 9 moderately
Depth to	18,0- weathered
Sample type : Rock strength – Schmidt 🔻	19,5-
Sample index : 2100	21,0- Shale, slightly
	weathered 22,5-
🕂 Add 💥 Cancel	24,0
	27,0
🖶 Print log 🛛 💾 Import	VOK X Cancel

The last required data change is to **move the Notes from "Layers" data to "Borehole" data**. This modification is simple – from the section no. 9 "Layers", "Basic data" we will **copy** and remove the data type "Notes".

Edit table item				- 🗆 X
Parameters of data type				
Type: Group v Name: Ab Data - Basic	▼ 🛪 EN Cor	nment: 🛍	<b>▼</b> <i>X</i> <sub>A</sub>	
No. Name	Туре	Parameters	Comment	🔒 Add
1 Stratigraphy	String		Borehole+Well+SPT+PMT / User	(to the end)
2 Classification according to EN ISO 14688-1	String		Soil/Rock Test / User	Insert
3 Classification according to EN ISO 14688-2	String		Soil/Rock Test / User	: Insert (before 5)
4 RQD	String	Unit description: [%], [%]	Soil/Rock Test / User	- Edit
5 Notes	String	Multiline string	General / User	7 Edit (number 5)
6 My Drillability	🟦 String	Symbol: MD		
				2 Remove
	Question           Do you really wa           Image: Comparison of the second seco	x nt to delete selected group item?		<ul> <li>Move upwards (number 5)</li> <li>Move downwards (number 5)</li> <li>Copy (number 5)</li> </ul>
Conditional input				Paste
Master enumeration : (unspecified) v No enumerations defined for u	sing as master.			
🟦 User data type			OK + 🏫	✓ OK X Cancel



🗃 Edit ter	nulata .	/1							0				- 🗆 X
													- U X
Name: At	Borehole	▼ ★ E <sup>**</sup> Edit data ty	A		*						- 0 >		
												ocols	
No.	Name Sample of water	Parameters o					- [					Protocol type ield tests	🕂 Add
	other aggressivity	S E Type: Group	✓ Name: Ab Date		▼ ≭A EN	Comment :			▼ <sup>7</sup> A			oil Profiles	
	Rock strength - Schmidt Sample index	S E No. S I Annex no.		Name	String	Туре	Paramete		General / User	omment	+ Add (to the end)		
11	Table GWT	C 1 2 Location C 1 3 Document			String				General / User			_	
	Depth GWT type	C F	ed		String				General / User				
	GWT bored GWT steady	C E 4 Evaluated			String String				General / User General / User				B All
	GWT description	S 5 6 Date start			String		Date		General / User				
12	Data - Protocol Annex no.	C 7 Date end			🕤 Date a	nd time	Date		General / User				
	Location	S 8 Foreman			String				General / User			and import	
	Documented Evaluated	Paste data types								×		nt	🕂 Add
	Processed Date start									^			
	Date end	Neter	ame	Туре	Paste Replace		Note						
13	Foreman Data - Test	Notes		Soning	VIII D	e pasteo as a nev	v data type.						
	Drilling equipment Drilling										Copy		
	Depth from											_	All Copy
	Depth to Drilling dia.										Paste Paste		Paste
	Casing Depth from									_		-	Input columns
	Depth to								📕 🐔 Paste			feed to me t	hical representations
	Casing dia.								🗙 Close		OK X Cancel		mical representations
Capability	model creation, borehole										<ul> <li>Cancel</li> </ul>	🗸 ок	X Cancel
🗃 Edit ter	mplate												- 0 X
				1	-								
Name: At	Borehole	▼ 🛪 EN Comment	82		▼ X <sub>A</sub>								
No.	Name		Paramet	Input data	- 11 I.		Comment			No.	List of outpu		e 💠 Add
IND.	sample or water other	Type Charmeration elem Contraction elem	ICT C	ters	Conditional input		Comment	accord	ing to sample	1 Borehole - Fie		Field tests	e P Add
	aggressivity	S Enumeration elen	ent					+ Add (to the		2 Borehole - Soi	profile	Soil Profiles	
	Rock strength - Schmidt Sample index	Enumeration elen	ient										
11	Table GWT	S Table Number	With depth			Borehole+We	II+SPT+PMT / Fixed	∃ Insert (before	120				
	Depth GWT type GWT bored	S Enumeration	Number of elements 3										- Cana
	GWT bored GWT steady	<ul> <li>Enumeration elen</li> <li>Enumeration elen</li> </ul>	lent					·7 Edit (numb	er 12)				All Copy
	GWT description	String	ieric.					· Remov					
12	Data - Protocol Annex no.	Group						× (numb	er 12)				
	Location Documented	String String String String String							inwards	No. Na	List of mapping for	omment	💠 Add
	Evaluated	String						≣> Move (numb	er 12)	1 FINE AG		omment	- Add
	Processed Date start	String						B Move	downwards	2 FINE - Ef	l Standar		
	Date start Date end	<ul> <li>Date and time</li> <li>Date and time</li> </ul>						ill <sup>o</sup> (numb	er 12)				
	Notes	String											
13	Data - Test Drilling equipment	Group String	Number of elements 3										
	Drilling	S Table											Copy All
	Depth from Depth to	Number Number											Paste
	Drilling dia. Casing	S Number Table						Copy (numb	12)	Columna for Course F	ections (number of colu		Input columns
	Depth from	S Number											
	Depth to	S Number						▼ Paste		Graphical represent	ation (number of items	1): 🔠 Input g	aphical representations
Capability	model creation, borehole										OK -	- 🕹 🛛 🗸 OK	X Cancel
-	<u> </u>												
A no	ote for the wl	hole boreho	ole will th	nen be ac	lded in th	ie "Da	ata – Pro	otoco	l" tab.				
	Edit field test properti	es (borehole)										— C	1 × 1
_													
— Te	est parameters —												
	est parameters										Soil	profile	
Tert	name: BH1										0,0	$\bigvee \bigvee$	<u>/</u>
Test	name: Drii										$\sim$	$\sim \sim$	
-											1,5-	(XX)	
Coo	rdinate : x =	0,00 [m]	y =	0,00 [n	nj						i Rin 🔪	$\langle \times \times \rangle$	
											K X	$\left  \right\rangle$	
Heid	gth: input	•	z =	0,00 [n	n]						3,0-	$\sim\sim$	
												$\propto \sim$	
Den	th of 1. point :		d1 =	0,00 [n	nl						4,5-	$\times \times$	
- Joh				0,00 [1	.u.								× 🖂 👘
0	rall donth i		d =	24.00	-1							$\times \times$	
Ove	rall depth :		d <sub>tot</sub> =	24,00 [n	nj						6,0-	$\langle X X \rangle$	<b>Z</b> '
	Table and a second	1									Sand	with trace	3
	Field test generates so	ni profile									7,5 of		
Le	una Comunica Zabia		and Data To	A							fines	111	-•A
Lay	ers Samples Table	GWI   Data - Proto	coi   Data - Te	st   Attachmer	ILS								

We will paste the data type "Notes" to section no. 12 – "Data protocol" (using the "Paste" button).

Edit field test properties (borehole)	— 🗆 X
- Test parameters	Soil profile
Test name : BH1	0,0
Coordinate : x = 0,00 [m] y = 0,00 [m]	1,5- F00
Heigth : input <b>v</b> z = 0,00 [m]	3,0-
Depth of 1. point : d <sub>1</sub> = 0,00 [m]	4,5-
Overall depth : $d_{tot} = 24,00$ [m]	6,0- <b>F</b>
✓ Field test generates soil profile	Sand With trace 3 7,5 of fines     →●A
Layers         Samples         Table GWT         Data - Protocol         Data - Test         Attachments	9,0 Gr <u>avelly</u> 4
Annex no.: A.1G	10,5
Location : Prague 12	
Documented : Mr. Smith	<u>ت</u> Sandy 6-E3
Evaluated : Eng. Checker	13,5-weathered
Processed : Mr. Smith	15,0 Shale, 8
Date start : 22.11.2017	16,5 - Shále, 9 moderately
Date end : 23.11.2017	18,0- weathered
Foreman : Mr. Young	19,5-
Notes : Sunny, 17C	21,0- Shale, slightly weathered
No complication during drilling	veathered
	24,0
🔂 Print log 🛛 🔒 Import	V OK 🗙 Cancel



We enter the data "My Drillability" for the individual layers. The fastest way to complete the data is to open the first layer in the borehole, enter the drill value, and use the OK arrow button to move to the next layer.

Edit table row					×
Thickness: t	t = 1,50 [m]			Data - Basic	
O Depth : fro	4,90 [m] to 6	i,40 [m]		Stratigraphy :	Recent
Soil name :	Fill		-	Classification according to EN ISO 14688-1 :	Gr
Soil pattern :	Pattern category :	Color :	Pattern :	Classification according to EN ISO 14688-2 :	
	GEPRODO 👻	•		RQD :	-
	Search :	Background :	-	My Drillability : MD =	
	Subcategory :	enter color 🔹			
	Superficial deposits (1 - 83) -	-	1 Made-up ground		
Layer description :	coarse GRAVEL with some silt (clayey shale	) and fresh angular cobles up to 15 cm	, dark grey colour 🛛 🔨		
			~		
				OK + 🏫	OK + 🤟 🗸 OK 🗙 Cancel

By doing this, we have the template data, and the data for the borehole entered. Now we need to adjust the output protocols to match the newly defined data. We go to the Output protocols section, and edit the "Borehole – field test" output protocol.

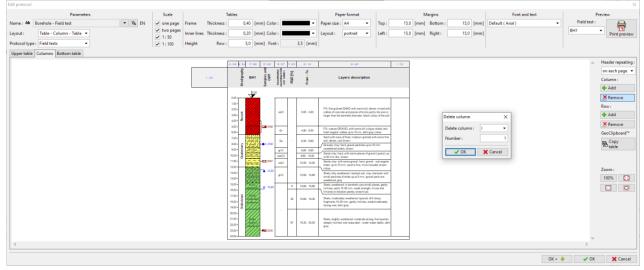
Edit te	mplate									- U X
Name: A	Borehole	• 🛪 EN Comment:	<b>£</b>	▼ 7 <sub>A</sub>						
			Input data						List of output protocols	
No.	Name	Туре	Parameters	Conditional input	Comment	Add	No.	Name	Protocol	type 🕂 Add
1	Test name	String			General / Fixed	according to sample	1 B			Edit
2	Overall depth	🕤 Number	Symbol: d <sub>tot</sub> 8,89 m 8,89 ft		Read only - automatically determined from data of field test / General / Fixed	+ Add (to the end)	2 B	orehole - Soil profile	Soil Profile	es 7 (number 1)
3	Coordinate X	S Number	8,89 m 8,89 ft		General / Fixed					(number 1)
4	Coordinate Y	S Number	8,89 m 8,89 ft		General / Fixed					Copy (number 1)
5	Coordinate Z	S Number	8,89 m 8,89 ft		General / Fixed					
6	Vertical offset of the origin	S Number	Symbol: d <sub>h</sub> 8,89 m 8,89 ft		General / Fixed		No.	List of Name	mapping for export and imp Comment	eort
7	GWT bored	String	Symbol: GWT <sub>b</sub> Unit description: m, ft		Read only - list of GWT bored from GWT table / Borehole+Well+SPT+PMT		1	FINE AGS4 Ed. 4.0. FINE - EN Standar	Comment	- Add
8	GWT steady	String	Symbol: GWTs Unit description: m, ft		Read only - list of GWT steady from GWT table / Borehole+Well+SPT+PMT					
9	Layers <u>Thickness</u> Depth Soil name Soil pattern Layer description Data - Basic	Table     Number     Number     Number     String     Pattern and color     String     Group	With layer thickness Number of elements 6		Borehole+Well+SPT+PMT / Fixed					限 Copy All 안 Paste
	Stratigraphy Classification according to EN ISO 14688-1	S String String				All Copy	Columns	for Cross-Sections (r	number of columns 4) :	Input columns
	Classification according to EN ISO 14688-2	String String				Paste	Graphica	Irepresentation (nu	mber of items 1) : 🔳 Inpu	at graphical representations
Capability	model creation, borehole								OK+ 🕹 🗸 O	K X Cancel

#### A new window for editing the output log will open. The window contains three tabs.

Edit protocol								×
Parameters	Scale	Tables	Pa	per format	Margins	Font and text		review
Name : Ab Borehole - Field test 💌 🛪		hickness : 0,40 [mm] Co	lor: Paper size	: A4 • Top : 15	,0 [mm] Bottom: 15,0	[mm] Default ( Arial )	<ul> <li>Field test :</li> </ul>	
Layout : Table - Column - Table 💌	✓ two pages Inner lines T 1:50	hickness : 0,20 [mm] Co	lor: Layout :	portrait • Left : 15	,0 [mm] Right: 15,0	) [mm]	BH1	Print preview
Protocol type : Field tests	✓ 1:100 Height	Row: 5,0 [mm] Fe	ant : 3,5 [mm]					
Upper table Columns Bottom table								
							<u></u>	Table repeating :
								on first page 👻
	A : 1,0 B : 1,0	C : 1,0	D : 1,0 E : 1,0	F : 1,0 G : 1,0	H : 1,0	I : 1,0 J : 1,0		Column :
	Soil Boring a. s.	Soil	nd .					× Remove
1 : 2,0	Nad Kamínkou 24, Praha, 15 00	56 Boring		Log of Bo	oring	BH1		Row:
2 : 1.0		nt huilding "Meenlie	hting" - Geological s	10/01/				🕂 Add
				-				× Remove
3 : 1,0	Project ID: AA_0014		ex no.: A.1G	Drilling equipment:	Hütte 202 TF			GeoClipboard™
4 : 1,0	Location: Prague 12	2		Overall depth:	24,00 m	Borehole position:		B Copy
5 : 1,0	Date start: 22.11.201	17 Foreman: Mr.	Young	Ground water table:	Co	ordinate X: 0,00		- cable
6 : 1,0	Date end: 23.11.20	17 Documented: Mr.	Smith	GWT bored: 15,80 m	Co	ordinate Y: 0,00		
7 : 1,0	Scale: one page			GWT steady: 12,50 m	Co	ordinate Z: 0,00 m		Zoom :
8 : 1,0		Drilling:			Casing:	,		100%
9:1.0	Depth from	Depth to	Drilling dia.	Depth from	Depth to	Casing dia.		
10 : 1,0	0.00 m	20.00 m		0.00 m	20.00 n	-		
11:1.0		24,00 m		0,00 11	20,001	1011111		
11:1,0	20,00 m	24,00 m	156 mm				1	
							×	
							ОК + 🔸 🖌 🗸 ОК	X Cancel



Switch to the Columns tab. On the screen, we see the form of the original protocol. The column "I" is empty, because we have already deleted the Notes data. Therefore, we delete the column



#### We will add a new column between the F and G columns, where we will display the "My Drillability" data.

ne: AD E	lorehole - Field test	▼ 7% EN	✓ one page	Frame	Thickness :	0,40	[mm] Color			Pape	r size : A4	-	Top :	15,0	[mm] Bottor	m :	15,0	[mm]	Default ( Arial )	-	Field test :	6
	Table - Column - Table		<ul> <li>✓ two pages</li> <li>✓ 1:50</li> <li>✓ 1:100</li> </ul>	Inner lines Height	Thickness : Row :		[mm] Color [mm] Font	:	3,5	[mm]	ut : por	trait 👻	Left :	15,0	[mm] Right :		15,0	[mm]			BH1	Print pr
er table	Columns Bottom table																					Header repe
					1:40	lute	BH1 BH1	Classification coording to £N 110 Yestist-1	F: Q3	From - To		Layers de										Column :
						0,00	1.00															× Remove
						1.00- 2.00- 1.00- 4.00-		sic		0.00 - 4.90	of concrete an	ed SAND with so d pieces of brick reter, black colou	ame silt, dense, m s partly the size is a of the soil	ived with cables larger than the		insert	column	_	×			Row : Add Remove
						6.00-	200	Gr	1 1	4,90 - 6,40	angular cobles	s up to 15 cm, da				insert	t column	Betwe	en F and G 🔻			GeoClipbo
								Sa grCl sasiCl sasiCl		6,40 - 8,60 8,60 - 9,60 9,60 - 10,50 10,50 - 12,00	dense, rust br Gravelly clay: shele), brown Sendy clay, he mm dia, brow Sendy clay, w	own hand, gravel par and, with some pi in	im grained with so ticles up to 10 mm ieces of gravel (qu hard, gravel - sub	n (secaftered artiz) up to 50		Num	ber: ✓ O	K ] [	1 X Cancel			E Copy table
						12,00 12,00- 14,00-	12.60	grCl		12,00 - 14,80	Shale, fully we particles of sh	satherest: residua sile up to 5 mm, j	a included, brown 4 soil, clay charac gravel parts are e	ter with small eathered, grey								Zoom : 100%
						15,00-	7 11.00		8	14,80 - 15,80	parts 10-50 m planes, brown	m, weak strengt	core small planes, h, micas and limor	, gandy inclines, nite on foliation								
						17.00- 17.00- 17.00-	alayli ana mari		35	15,80 - 18,30	Shale, modera 10-50 mm, ga gray	striy weathered ritly inclines, we	layered, drill sharp ak/moderately stro	p hagments ang, wet, dark								
						21.00- 21.00- 21.00- 21.00- 21.00-			87	19,30 - 24,00			ierale situng, fine i r water latife), dat									
																					• •	

After creating the column, click on it and select what you want to display in the cell. Select the "Test dataname" option and select it from the list. The edited cell is shown in light blue.

Parameters	Scale Tables	Paper format	Margins	Font and text	Preview
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Select the "My Drillability" and then in the window edit how we want the cell displayed. When editing, the borehole drawing is immediately redrawn.

Parameters Scale Tables Paper format Margins Font and text Preview		Test data - name					
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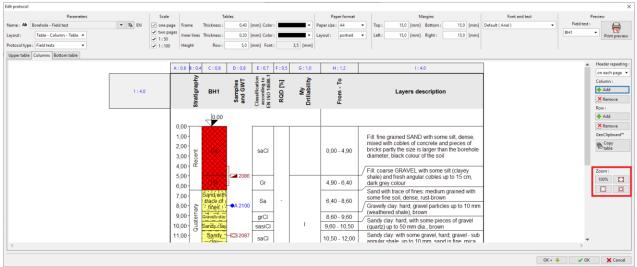


After entering the column heading cell, enter the second cell – the contents of the column. The column type is "Text description" and we enter "My Drillability" as data source. The edited cell is again shown in light blue.

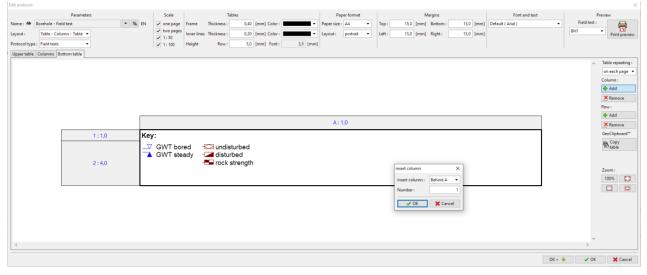
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Column type : Text description	•
Data source : Test	<b>v</b>
Description : Layers / Data - Basic / My Drillability	▼
Hide column if no data for show	
- Font and text	Other parameters
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Font size : normal  Underlined	Line thickness : 0,20 [mm] Draw fill or pattern
Size modification : reduce	Fill color :
	Horizontal : center
	Vertical : center   Center  Ce
	Show extremes
	Draw elevation dimension Flip horizontally
	Draw perforation sample
	V OK X Cancel
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20- 20- 20- 20- 20-	346 Show extremes Draw elevation dimension
1	Flip horizontally     Draw perforation sample     VOK X Cancel

# **GE05**

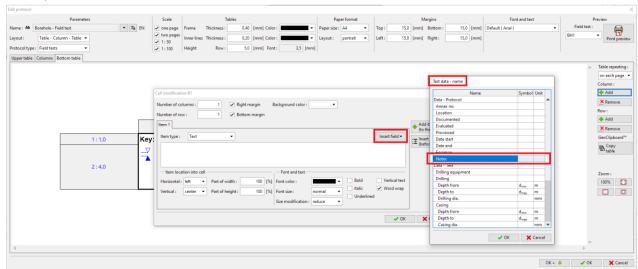
### The picture with the drawing can be viewed using the mouse wheel resp. the control buttons. You can zoom in and check that the entries are correct.



#### Now switch to the "Bottom table" tab and add a new column

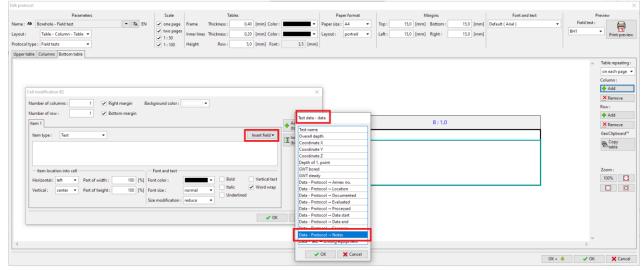


### **GEO5**

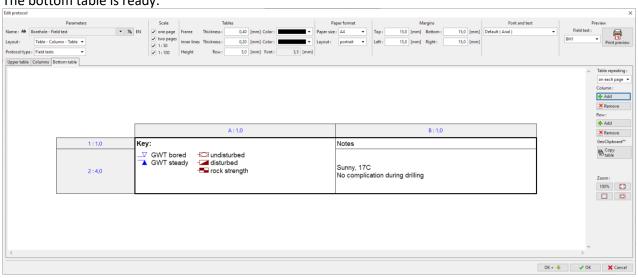


#### The top cell of the column will contain the "Test data - name" and the item "Notes"

#### The bottom cell of the column will contain the "Test data – content" and the same item "Notes"

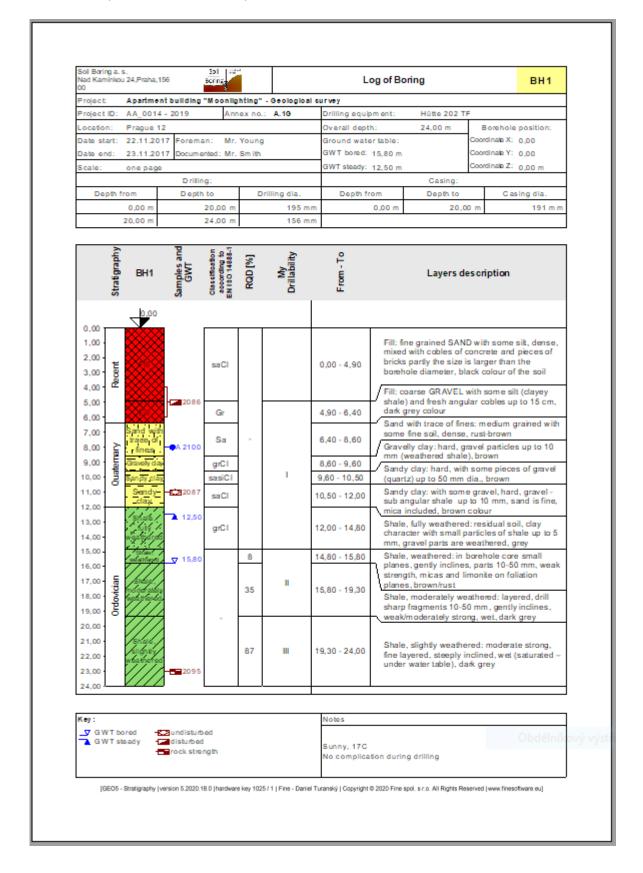


#### The bottom table is ready.





The new template is done – we can print the result for check.





The template set is now created. In the template administrator, we can set the template set as default. It will be set as default in each new task.

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