

# GeoGIS2020

## Design og Print af Tegninger

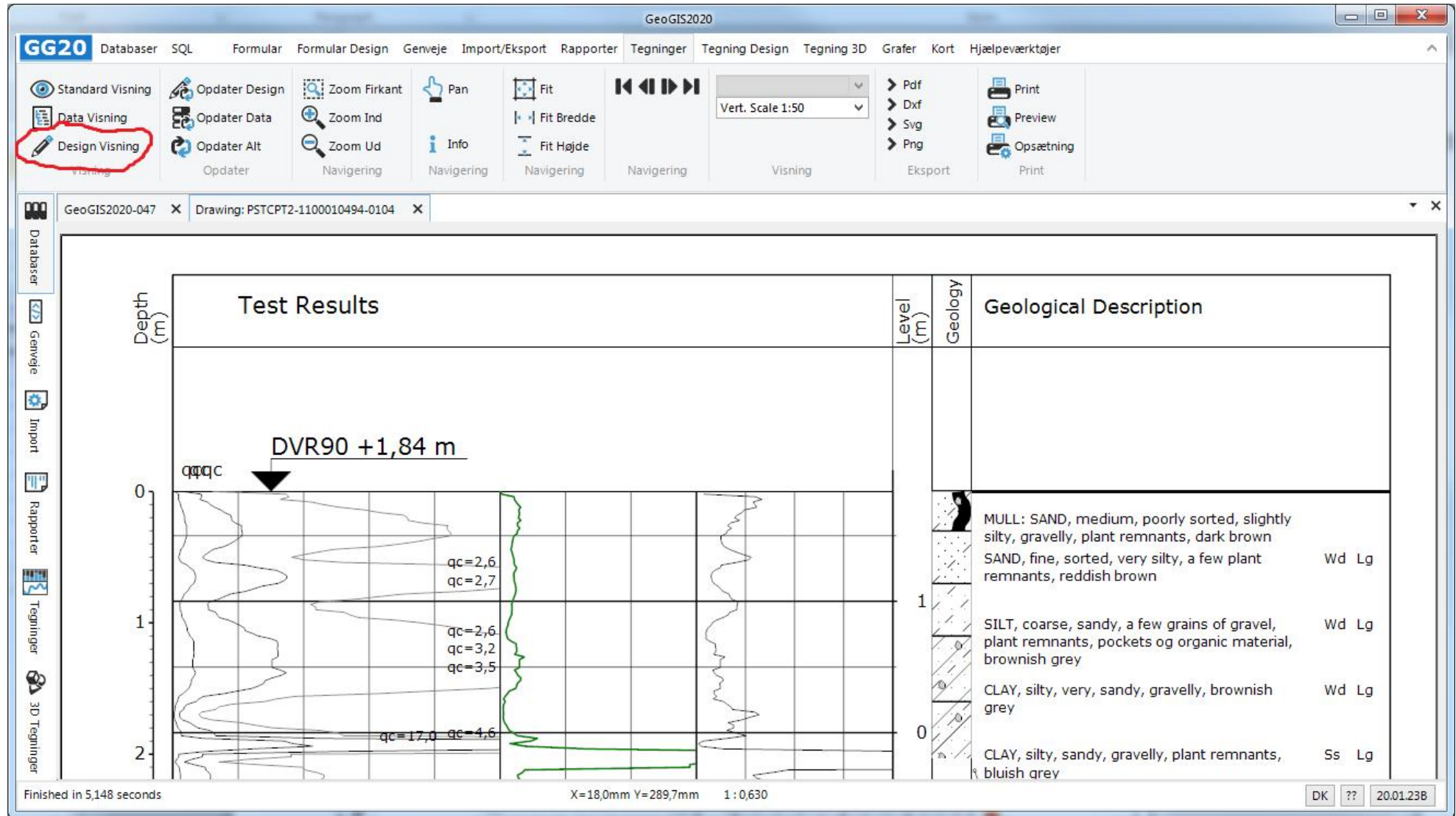
### Udkast

Revision: 0  
Dato: 2015.05.28  
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Udarbejdet af: BrS  
Kontrolleret af:  
Godkendt af:

# 1. GENEREL BESKRIVELSE

En tegning sættes i design visning vha. funktionen: *Design Visning*



I design visning kan brugeren redigere tegningsopsætningen vha. en særlig menu:

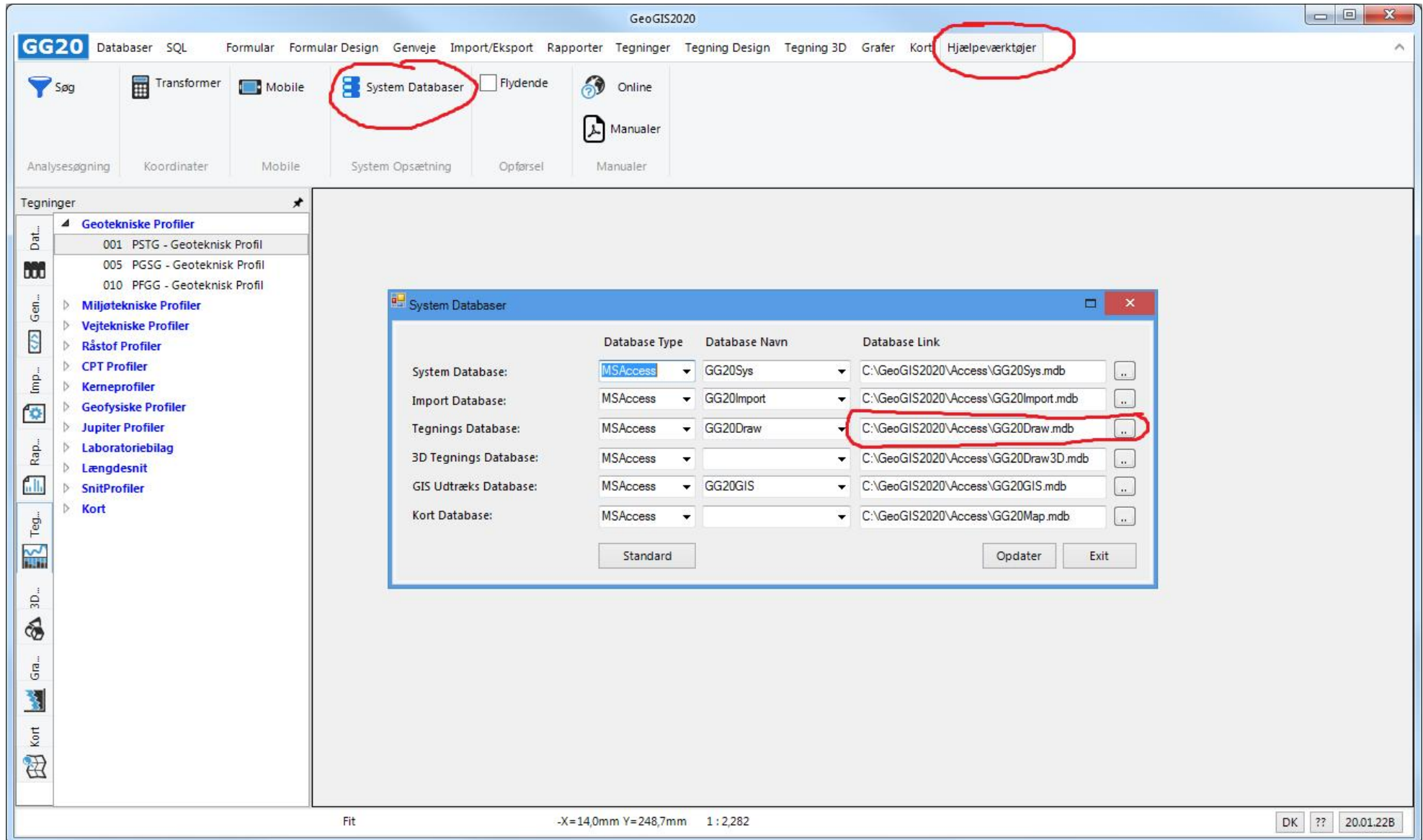
The screenshot displays the GeoGIS2020 software interface. The main window shows a design view of a CPT test log. The interface is divided into several panels:

- Menu Bar:** Includes options like Databaser, SQL, Formular, Formular Design, Genveje, Import/Eksport, Rapporter, Tegninger, Tegning Design, Tegning 3D, Grafer, Kort, and Hjælpeværktøjer.
- Toolbar:** Contains icons for creating, copying, deleting, saving, and viewing styles, along with a logo field.
- Designtræ (Left Panel):** Shows a tree view of the drawing elements, including 'PSTCPT2', 'Ramme', 'Blokke', 'Arealer', and 'Kurver'. The 'Kurver' section is expanded, showing 'InSitu Test CPT - qc - Tiny Scale' and 'InSitu Test CPT - qc - Large Scale' as selected.
- Tegning (Center Panel):** Displays a plot titled 'Test Results' with columns for 'Depth (m)', 'Level (m)', 'Cone Resistance (qc)', 'Sleeve Friction (qs)', and 'Geological Description'. The plot shows data for a test at 'DVR90 +1,84 m' with depth ranging from 0 to 6 meters. Geological descriptions include 'Silt', 'Clay', and 'Silt' with various soil characteristics.
- Detaljer (Right Panel):** Shows metadata for the selected curve, including 'CurveId', 'CurveName', 'Sequence', 'CurveType', and 'Table'.

At the bottom of the window, the status bar indicates 'Finished in 5,772 seconds', 'Pan', 'X=55,6mm Y=288,0mm', '1:1,399', and 'DK ?? 20.01.18B'.

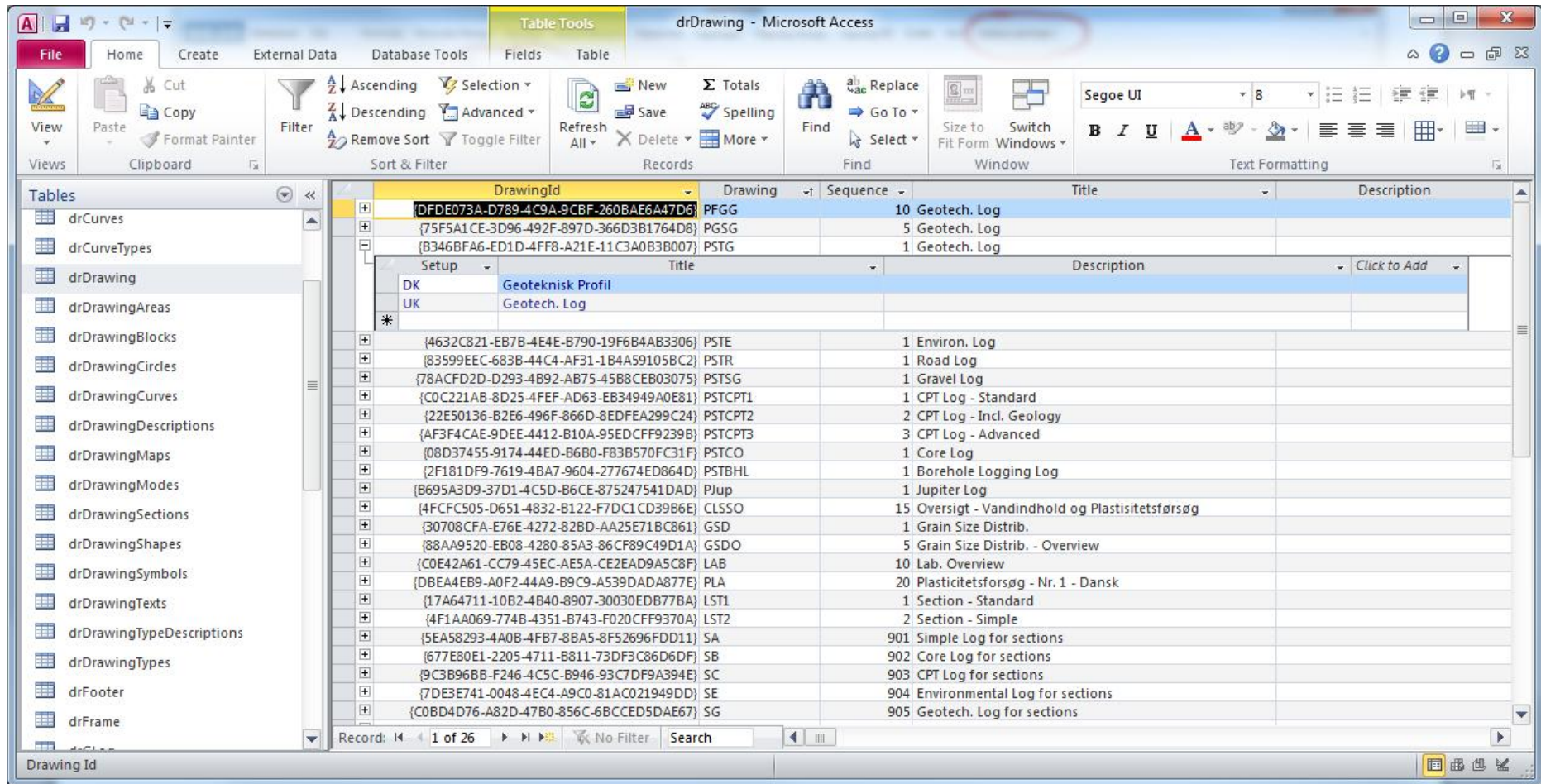
## 2. TEGNINGSDATABASE

Tegningsopsætningen gemmes i en tegningsdatabase. Brugeren kan gemme flere forskellige versioner af tegningsdatabaser og vælge den aktuelle vha. funktionen: *System Databaser*:





Tegningsdatabasen kan redigeres direkte i Microsoft Access:



Lav en sikkerhedskopi af tegningsdatabasen i følgende situationer:

- Før der foretages større opdateringer og ændringer.
- Før installation af en ny version af GeoGIS2020, da den lokale version af tegningsdatabasen vil blive overskrevet.

Vælg evt. at kalde den private tegningsdatabase noget andet end standard navnet. Dermed minimeres risikoen for, at den overskrives ved et uheld under geninstallation af programmet.

### 3. TEGNINGSELEMENTER

Tegningsopsætning består af følgende tegningselementer:

	Tegningselement	Database Tabel	Beskrivelse
1.	Tegning	drDrawing	Øverste niveau for tegningsdefinitionen.
2.	Ramme	drFrame	Rammen angiver tegningens størrelse og margen (Indre ramme og ydre ramme).
3.	Fod	drFooter	Foden definerer tegningselementer, der gentages på alle sider i bunden af tegningen, incl. side numre og logo.
4.	Hoved	drHeader	Tilsvarende foden, men bare for toppen af tegningen.
5.	Blokke	drBlocks	Blokke fungerer som tegningsbiblioteker, der grupper de forskellige genbrugelige tegningselementer.
6.	Arealer	drAreas	Arealer angiver de ydre begrænsninger af tegningselementerne. Arealernes størrelse angives i forhold til den indre ramme og et master areal.
7.	Primær Akse	drAxis	Arealer kan have to primær akser og to sekundær / afhængige akser. Sekundær værdier er funktion af primær værdier.
8.	Primær Akse 2.		
9.	Sekundær Akse		
10.	Sekundær Akse 2.		
11.	Kurver	drCurves	Kurver kan optegnes som kontinuerte linier, step linier, bars etc. med tilhørende markers.
12.	Primær Akse	drAxis	
13.	Sekundær Akse		
14.	Symboler	drSymbols	Symboler er avancerede tegningselementer, der defineres i VB sproget.
15.	Tekster	drTexts	Tekster kan udtegnes faste eller skaleret.
16.	Snit	drSections	Snit
17.	Kort	drMaps	Kortudsnit udtrukket vha. kortfunktionen. Baggrundskort kan tages fra fælles offentlige webservice kortlag.
18.	Cirkler	drCircles	Ikke beskrevet
19.	Figurer	drShapes	Figurer er simple faste linier, rammer og tekster, der kan placeres i tegningen.
20.	Tabeller	drTables	Tabeller er de faste data udtræk, der danner baggrund for optegningen. De defineres vha. SQL sproget.
	Andet		De følgende lister kan med fordel vedligeholdes i direkte i Acces databasen.
21.	Styles	drStyles	Liste, der definerer udseende af linier og tekster. Formatet er SVG.
22.	Symbol Definitioner	drSymbolDefs	Liste, der beskriver hvordan markører, signaturer og avancerede symboler optegnes. Simple symboler er defineret vha. SVG. Avancerede symboler er defineret vha. VB.NET
23.	Symbol Liste	drSymbolLists	En liste, der gør det muligt at vælge et symbol afhængig af bl.a. tegningsopsætning.
24.	Papirstørrelser	drSizes	Liste, der definerer rammestørrelser for typiske papirstørrelser.

## 4. REDIGERE EKSISTERENDE TEGNING

En eksisterende tegningsopsætning redigeres enkelt ved at danne en tegning og derefter vælge design visning:

The screenshot shows the GeoGIS2020 software interface. The 'Visning' (View) menu is open, and 'Design Visning' is highlighted with a red circle. The main window displays a 'Borehole Log' drawing with a design tree on the left and a details panel on the right.

**Designtræ (Design Tree):**

- PGT
  - Ramme
    - Tegningsfod
    - Tegningshoved
  - Blokke
    - Lab. - Footers
    - Lab. - GrainSize
    - Lab. - Proctor
    - Lab. - Tables
    - Log - CPT
    - Log - Footers
    - Log - Headers
    - Log - Geotech
    - Log - Tables
    - Map
    - Map - Footer
    - Map - Tables
    - Section
    - Section - Footer
    - Section - Tables
    - Section Points
    - Section Points - Tables

**Detaljer (Details):**

01. General	
DrawingId	b346bfa6-ed1d-4ff8-a21e-11c3a0b
Sequence	1
Drawing	PSTG
Title	Geotech. Log
DrawingTypeId	Geotechnical Logs
DrawingModelId	Standard
Setup	UK
BlackAndWhite	<input type="checkbox"/>
Print	<input type="checkbox"/>
FileMask	PSTG-&ProjectNo-&PointNo
Legend	
Table	Points

02. Scale	
HorzScale	
HorzScaleRequired	<input type="checkbox"/>
VertScale	Vert. Scale 1:50

**Editor:**

Type here...

**Footer:** Finished in 16,002 seconds X=187,0mm Y=263,9mm 1:2,282 DK ?? 20.01.22B



## 5. AKTIVERE BLOKKE

Blokke er den grundlæggende inddeling af de tegningselementer, der kan genbruges mellem forskellige tegninger. Tænder man for en blok, så skal tegningen opdateres før man kan redigere i de tegningselementer, der indgår i blokken.

The screenshot shows the GeoGIS2020 software interface. The main window displays a drawing titled "Borehole Log" with a geological description table. The "Designtræ" (Design Tree) on the left shows the "Blokke" (Blocks) section, which includes various drawing elements like "Tegningsfod", "Tegningshoved", and "Log - Geotech". The "Log - Geotech" block is checked. The "Detaljer" (Details) panel on the right shows the drawing's metadata, including DrawingId, Title, and Scale.

**Geological Description Table:**

Depth (m)	Soil Type	Soil Description	Soil Class
0.00	B100	Very soft, grey silty clay	Ma Ag
0.50	B100	Very soft, grey silty clay	Ma Ag
1.00	B100	Very soft, grey silty clay	Ma Ag
1.50	B100	Very soft, grey silty clay	Ma Ag
2.00	B100	Very soft, grey silty clay	Ma Ag
2.50	B100	Very soft, grey silty clay	Ma Ag
3.00	B100	Very soft, grey silty clay	Ma Ag
3.50	B100	Very soft, grey silty clay	Ma Ag
4.00	B100	Very soft, grey silty clay	Ma Ag
4.50	B100	Very soft, grey silty clay	Ma Ag
5.00	B100	Very soft, grey silty clay	Ma Ag
5.50	B100	Very soft, grey silty clay	Ma Ag
6.00	B100	Very soft, grey silty clay	Ma Ag
6.50	B100	Very soft, grey silty clay	Ma Ag
7.00	B100	Very soft, grey silty clay	Ma Ag
7.50	B100	Very soft, grey silty clay	Ma Ag
8.00	B100	Very soft, grey silty clay	Ma Ag
8.50	B100	Very soft, grey silty clay	Ma Ag
9.00	B100	Very soft, grey silty clay	Ma Ag
9.50	B100	Very soft, grey silty clay	Ma Ag
10.00	B100	Very soft, grey silty clay	Ma Ag
10.50	B100	Very soft, grey silty clay	Ma Ag
11.00	B100	Very soft, grey silty clay	Ma Ag
11.50	B100	Very soft, grey silty clay	Ma Ag
12.00	B100	Very soft, grey silty clay	Ma Ag
12.50	B100	Very soft, grey silty clay	Ma Ag
13.00	B100	Very soft, grey silty clay	Ma Ag
13.50	B100	Very soft, grey silty clay	Ma Ag
14.00	B100	Very soft, grey silty clay	Ma Ag
14.50	B100	Very soft, grey silty clay	Ma Ag
15.00	B100	Very soft, grey silty clay	Ma Ag
15.50	B100	Very soft, grey silty clay	Ma Ag
16.00	B100	Very soft, grey silty clay	Ma Ag
16.50	B100	Very soft, grey silty clay	Ma Ag
17.00	B100	Very soft, grey silty clay	Ma Ag
17.50	B100	Very soft, grey silty clay	Ma Ag
18.00	B100	Very soft, grey silty clay	Ma Ag
18.50	B100	Very soft, grey silty clay	Ma Ag
19.00	B100	Very soft, grey silty clay	Ma Ag
19.50	B100	Very soft, grey silty clay	Ma Ag
20.00	B100	Very soft, grey silty clay	Ma Ag

**Project Information:**

Project: 1100010494 Roskilde Fjern Connection  
 Drawn by: MB Date: 2014.03.10 Design: JAKB Elevation: Borehole: 0104  
 Revised by: MBG Checked by: JCC Issued by: JCC Date: 2018.12.14 Rev. No.: 3.004 A1/1



## 6. AKTIVERE AREALER

Blokke inddeles i arealer, der hver indeholder en kombination af kurver, symboler, tekster etc. Arealer kan slås til og fra afhængig af den tegning de indgår i. For at se effekten af at et areal er slået til, skal brugeren vælge funktionen: *Opdater Design*. Brugeren kan bestemme rækkefølgen af tegningsarealerne vha. feltet: *Sequence*.

The screenshot displays the GG20 software interface. The top menu bar includes options like Databaser, SQL, Formular, and Tegninger. The toolbar features various navigation and design tools, with 'Opdater Design' highlighted by a red circle. The main workspace shows a 'Test Results' chart with a depth axis from 0 to 6 meters. The chart includes data for 'W G L C f v', 'BETON', 'FYLD', and 'TSB'. A table to the right of the chart provides geological descriptions for 13 samples, with columns for 'Env.', 'Age', 'Frost', and 'Chalk'. The 'Frost' and 'Chalk' columns are circled in red. The 'Arealer' list on the left shows 'A29 - Chalk Code' selected and circled in red. The 'Detaljer' panel on the right shows properties for 'A29 - Chalk Code', including 'AreaId', 'AreaName', 'sAreaId', 'Sequence', 'PrimaryAxisDirection', and 'Anchor'. The 'Editor' panel at the bottom right contains a text input field labeled 'Type here...'. The status bar at the bottom indicates 'Finished in 12,139 seconds', 'Fit', 'X=13,0mm Y=290,4mm', '1 : 1,217', and '20.01.22B'.

No.	Geological Description	Env.	Age	Frost	Chalk
1	MULL: SAND, medium, poorly sorted, slightly silty, gravelly, plant remnants, dark brown			(+)	-
2	SAND, fine, sorted, very silty, a few plant remnants, reddish brown	Wd	Lg	+	-
3	SILT, coarse, sandy, a few grains of gravel, plant remnants, pockets of organic material, brownish grey	Wd	Lg	++	-
4	CLAY, silty, very, sandy, gravelly, brownish grey	Wd	Lg	(+)	-
5	CLAY, silty, sandy, gravelly, plant remnants, bluish grey	Ss	Lg	(+)	++
6	SAND, fine - medium, sorted, very silty, a few grains of gravel, greyish brown	Mw	R/Lg	-	++
7	SAND, fine - medium, sorted, silty, pockets of clay, greyish brown	Mw	R/Lg	-	++
8	SAND, fine - medium, poorly sorted, slightly silty, gravelly, greyish brown	Mw	R/Lg	-	++
9	SAND, medium, poorly sorted, slightly silty, gravelly, grey	Mw	R/Lg	-	++
10	SAND, medium, sorted, slightly silty, gravelly, grey	Mw	R/Lg	-	++
11	SAND - " -	Mw	Lg	-	++
12	SAND - " -	Mw	R/Lg	-	++
13	SAND - " -	Mw	Lg	-	++

Brugeren kan få et overblik over arealernes placering på tegningen ved i dokumenttræet, at aktivere folderen: *Design*.

The screenshot shows the GeoGIS2020 software interface. The main window displays a drawing of a geological cross-section. The 'Dokumenttræ' (Document Tree) on the left side of the interface has the 'Design' folder highlighted with a red circle. The 'Detaljer' (Details) panel on the right side of the interface shows the following properties for the 'Design' folder:

Property	Value
id	Design
title	Design
transform	translate(17,-8)
style	
visibility	visible
InnerText	Footer - StandardB - Master - Stan

The 'Editor' panel at the bottom right contains the text 'Type here...'. The status bar at the bottom of the window shows 'Finished ...', 'Fit', 'X=25,1mm Y=273,3mm', '1:2,138', and 'DK ?? 20.01.23B'.



## 7. AKTIVERE KURVER, TEKSTER, SYMBOLER ...

Arealer kan indeholde: Kurver, Symboler, Tekster, Snit, Kort, Cirkler og Figurer. De kan alle slås til og fra afhængig af den tegning de indgår i, dvs. deaktiveres en kurve under et bestemt areal, så har det kun betydning for den aktuelle tegningsopsætning. Ændres egenskaberne for kurven, f.eks. skala og udseende, så gælder dette for alle de tegninger, hvor kurven indgår.

The screenshot displays the GeoGIS2020 software interface. The main window shows a 'Test Results' plot with 'Depth (m)' on the y-axis (0 to 6) and 'Level (m)' on the x-axis (-4 to 1). The plot includes data for 'Insitu Penetration Tests', 'ClassificationTest - MC', 'ClassificationTest - UW', 'ClassificationTest - E', 'ClassificationTest - WP-WL', 'ClassificationTest - e-min...', 'ClassificationTest - Orga...', 'ClassificationTest - Orga...', 'ClassificationTest - CACO3', 'Grainsize - Uniformity co...', and 'Grainsize - d50'. A red circle highlights the 'Kurver' (Curves) section in the 'Arealer' (Areas) tree on the left.

The 'Geological Description' table is shown below the plot:

No.	Geological Description	Env.	Age	Frost	Chalk
1	MULL: SAND, medium, poorly sorted, slightly silty, gravelly, plant remnants, dark brown	Wd	Lg	+	-
2	SAND, fine, sorted, very silty, a few plant remnants, reddish brown	Wd	Lg	+	-
3	SILT, coarse, sandy, a few grains of gravel, plant remnants, pockets of organic material, brownish grey	Wd	Lg	++	-
4	CLAY, silty, very, sandy, gravelly, brownish grey	Wd	Lg	(+)	-
5	CLAY, silty, sandy, gravelly, plant remnants, bluish grey	Ss	Lg	(+)	++
6	SAND, fine - medium, sorted, very silty, a few grains of gravel, greyish brown	Mw	Lg/	-	++
7	SAND, fine - medium, sorted, silty, pockets of clay, greyish brown	Mw	Lg/	-	++
8	SAND, fine - medium, poorly sorted, slightly silty, gravelly, greyish brown	Mw	Lg/	-	++
9	SAND, medium, poorly sorted, slightly silty, gravelly, grey	Mw	Lg/	-	++
10	SAND, medium, sorted, slightly silty, slightly gravelly, grey	Mw	Lg/	-	++
11	SAND - - -	Mw	Lg/	-	++
12	SAND - - -	Mw	Lg/	-	++
13	SAND - - -	Mw	Lg/	-	++

The interface also shows a 'Designtræ' (Design Tree) on the left, a 'Detaljer' (Details) panel on the right, and a status bar at the bottom indicating 'Finished in 12,139 seconds', 'Fit', and coordinates '-X=1,8mm Y=289,4mm 1:1,221'.

## 8. TILFØJE, KOPIERE OG SLETTE DESIGN EMNER

Design emner (kurver, symboler, tekster ...) kopieres ved at vælge det emne, der skal kopieres og dernæst vælge funktionen: *Kopier*. Tilsvarende slettes et design emne ved at vælge det emne, der skal slettes og dernæst vælge funktionen: *Slet*. Et nyt emne kan tilføjes ved at vælge den relevante folder, f.eks. Kurver, og dernæst vælge funktionen: *Tilføj*. Det er dog nemmest at oprette nye emner ved at kopiere et eksisterende. Emner kan flyttes fra et areal til et andet vha. træk og slip:

The screenshot displays the GeoGIS2020 software interface. The top menu bar includes options like 'Databaser', 'SQL', 'Formular', 'Formular Design', 'Genveje', 'Import/Eksport', 'Rapporter', 'Tegninger', 'Tegning Design', 'Tegning 3D', 'Grafer', 'Kort', and 'Hjælpeværktøjer'. The toolbar contains icons for 'Opret Ny', 'Tilføj', 'Gem', 'Se Styles', 'Symbol Def.', 'Symbol Liste', 'Kopier', 'Slet', 'Sæt Størrelse', 'Logo', 'Tilføj Thumbnail', and 'Fjern Thumbnail'. The 'Kopier' icon is circled in red.

The 'Designtræ' (Design Tree) on the left shows a hierarchy under 'PSTG'. The 'Arealer' (Areas) folder is expanded, showing 'A01 - Test Values - Standard'. Under 'Kurver' (Curves), 'ClassificationTest - MC' and 'ClassificationTest - MC Copy' are circled in red. Other items include 'Tegningsfod', 'Tegningshoved', 'Blokke', and 'Log - Geotech'.

The main window displays a 'Test Results' plot. The y-axis is 'Depth (m)' from 0 to 6. The x-axis is 'Level (m)' from 0 to -4. The plot shows various data series including 'W G1 Clv', 'BETON', 'FYLD', 'TSB', and 'DVR90 +1,84 m'. A table on the right provides a 'Geological Description' for 14 samples.

No.	Geological Description	Env.	Age
1	MULL: SAND, medium, poorly sorted, slightly silty, gravelly, plant remnants, dark brown		
2	SAND, fine, sorted, very silty, a few plant remnants, reddish brown	Wd	Lq
3	SILT, coarse, sandy, a few grains of gravel, plant remnants, pockets of organic material, brownish grey	Wd	Lq
4	CLAY, silty, very, sandy, gravelly, brownish grey	Wd	Lq
5	CLAY, silty, sandy, gravelly, plant remnants, bluish grey, no sample	Ss	Lq
6	SAND, fine - medium, sorted, very silty, a few grains of gravel, greyish brown	Mw	Lq/ Gc
7	SAND, fine - medium, sorted, silty, pockets of clay, greyish brown	Mw	Lq/ Gc
8	SAND, fine - medium, poorly sorted, slightly silty, gravelly, greyish brown	Mw	Lq/ Gc
9	SAND, medium, poorly sorted, slightly silty, gravelly, grey	Mw	Lq/ Gc
10	SAND, medium, sorted, slightly silty, slightly gravelly, grey	Mw	Lq/ Gc
11	SAND -"-	Mw	Lq/ Gc
12	SAND -"-	Mw	Lq/ Gc
13	SAND -"-	Mw	Lq/ Gc
14	SAND -"-	Mw	Lq/ Gc

The 'Detaljer' (Details) panel on the right shows properties for the selected 'ClassificationTest - MC' design element, including 'CurveId', 'CurveName', 'Sequence', 'CurveType', and 'DesignTitle'.

The status bar at the bottom indicates 'Finished in 12,390 seconds', 'Fit', '-X=17,0mm Y=267,8mm', '1:1,310', and 'DK ?? 20.01.22B'.



## 9. REDIGERE EGENSKABER FOR DESIGN EMNER

Egenskaber for design emner (kurver, symboler, tekster ...) kan redigeres ved at vælge emnet i folder strukturen. Dernæst kan egenskaberne redigeres i højresiden under: *Detaljer*.

The screenshot shows the GeoGIS2020 software interface. The 'Designtræ' (Design Tree) on the left shows a folder structure under 'PSTG' with sub-folders like 'Ramme', 'Blokke', and 'Arealer'. Under 'Arealer', the 'Kurver' (Curves) folder is expanded, and 'ClassificationTest - MC' is selected and circled in red. The central 'Tegning' window displays a borehole log with a grid and various data points. The 'Detaljer' (Details) panel on the right is also circled in red and shows a table for 'ClassificationTests' with the following columns:

Table	ClassificationTests
Values	
PrimaryExpr	Depth
StepExpr	
DependentExpr1	MC
DependentExpr2	
DependentExpr3	
DependentExpr4	
WKTEExpr	
TextExpr1	
TextExpr2	
TextExpr3	
TextExpr4	
ColorExpr	

The 'Editor' panel at the bottom right is empty, showing 'Type here...'. The status bar at the bottom indicates 'Finished in 12,175 seconds', 'Fit', 'X=190,1mm Y=207,7mm 1:2,282', and 'DK ?? 20.01.22B'.

## 10. REDIGERE EGENSKABER FOR AKSER

Akser kan aktiveres for arealer og kurver:

The screenshot shows the GeoGIS2020 software interface. The main window displays a borehole log titled "Borehole Log" with a grid and geological data. The left sidebar contains a "Designtræ" (Design Tree) with a tree structure. The "B - Master - Standard" folder is selected, and its sub-items "Primær Akse", "Primær Akse 2", and "Sekundær Akse" are circled in red. The right sidebar shows the "Detaljer" (Details) panel, where the "08. Axis" section is also circled in red. This section contains the following options:

- DisplayPrimaryAxis
- DisplayPrimaryAxis2
- DisplayDependentAxis
- DisplayDependentAxis2
- IdenticalScales

At the bottom of the window, the status bar shows "Finished ...", "Fit", "X=16,9mm Y=288,7mm", "1 : 2,138", and "DK ?? 20.01.23B".

Egenskaberne, f.eks. akseteksterne kan redigeres i højresiden under: *Detaljer*.

The screenshot displays the GeoGIS2020 software interface. The main window shows a design of a borehole log with a grid and data columns. The 'Detaljer' (Details) panel on the right is circled in red and contains the following information:

- 01. General
- 02. Title
 

Title1	W (%)
Title1.Anchor	None
Title1.Align	None
Title1.px	-12
Title1.py	-0,5
Title1.Angle	0
Title1.LineSpace	0
Title1.StyleId	Verdana 27 Black
Title1.MaxWidth	9999
Title1.Wrap	<input type="checkbox"/>
Title2	W (%)
Title2.Anchor	BottomRight
Title2.Align	TopLeft
Title2.px	-12
Title2.py	-0,5
Title2.Angle	0
Title2.LineSpace	0
Title2.StyleId	Verdana 27 Black
Title2.MaxWidth	9999

At the bottom of the interface, the status bar shows: "Finished in 12,175 seconds", "Fit", "X=187,6mm Y=123,2mm 1:2,282", and keyboard shortcuts "DK ?? 20.01.22B".







## 11. PAPIRSTØRRELSE

Papirstørrelsen vælges i menuen: Papirstørrelse. Papirstørrelsen kan vælges afhængig af hvor mange arealer, der er aktiveret. Et af arealerne vil normalt være defineret til at kunne tilpasse sig i bredden, således at hele papiret udfyldes:

The screenshot shows the GeoGIS2020 software interface. The 'Størrelse' (Size) menu is highlighted with a red circle and set to 'A3 - Portrait'. The 'Sæt Størrelse' (Set Size) button is also visible. The main window displays a drawing titled 'Drawing: PSTG-1100010494-0104' with a 'Tegning' (Drawing) tab active. The drawing shows a geological cross-section with various layers and test results. The 'Designtræ' (Design Tree) on the left lists various design elements, including 'A29 - Chalk Code'. The 'Detaljer' (Details) panel on the right shows the properties for the selected element, including 'AreaId', 'AreaName', 'sAreaId', 'Sequence', 'PrimaryAxisDirecti...', 'Anchor', 'DesignTitle', 'DesignTitle.Anchor', 'DesignTitle.Align', 'DesignTitle.px', 'DesignTitle.py', 'DesignTitle.Angle', 'DesignTitle.StyleId', and 'DesignStyleId'. The status bar at the bottom indicates 'Finished in 11,997 seconds', 'Fit', 'X=137,5mm Y=403,0mm', and '1:1,852'.

Listen over papirstørrelser med tilhørende ramme definitioner vedligeholdes direkte i tegningsdatabase.

## 12. RAMME

Rammen angiver tegningens størrelse (Ydre Ramme) og er reference for tegningens arealer (Indre Ramme):

The screenshot shows the GeoGIS2020 software interface. The main window displays a borehole log drawing titled "Borehole Log" with a vertical scale of 1:50. The drawing includes a grid, a borehole profile, and a geological description table. The software interface includes a menu bar with options like "Databaser", "SQL", "Formular", "Formular Design", "Genveje", "Import/Eksport", "Rapporter", "Tegninger", "Tegning Design", "Tegning 3D", "Grafer", "Kort", and "Hjælpeværktøjer". A toolbar contains various tools for viewing, updating, zooming, panning, fitting, and exporting. The left sidebar shows a "Designtræ" (Design Tree) with a "Ramme" (Frame) folder highlighted in red. The "Ramme" folder contains sub-items: "Tegningsfod" (checked), "Tegningshoved" (checked), "Blokke" (with sub-items for Lab., Log, and Geotech), and "Arealer" (with sub-items for Test Values, Geology, and Samples). The right sidebar shows a "Detaljer" (Details) panel with a red circle around it, containing settings for "01. Outer Frame" (DisplayOuterFrame checked, OuterFrame.p1.X 0, OuterFrame.p1.Y 0, OuterFrame.p2.X 210, OuterFrame.p2.Y 297, OuterFrame.StyleId Fo), "02. Inner Frame", and "03. Misc" (PageWidth 210, PageHeight 50, DisplayPageBreaks unchecked, FitWidth unchecked, FitHeight unchecked, SectionX 0, SectionY 0, DisplayDesignGrid unchecked). The bottom status bar shows "Finished in 12,175 seconds", "Fit", "X=140,0mm Y=286,2mm 1:2,282", and "DK ?? 20.01.22B".

## 13. TEGNINGSFOD OG TEGNINGSHOVED

Særlige tekster, dvs. fortsættelsestekst og sidenumre samt placering af logo angives under tegningselementerne: Tegningsfod og Tegningshoved.

The screenshot displays the GeoGIS2020 software interface. The main window shows a drawing of a borehole log for project 1100010494, titled 'Roskilde Fjord Connection'. The drawing area contains a grid with depth markers (7, 8, 9) and soil layers (14-19) labeled 'SAND'. A table below the drawing provides soil parameters:

W (%)	Gl. (%)	Cfv, Crv (kPa)	qc (MPa)	fs (MPa)
10	2	100	5	0,2
20	4	200	10	0,4
30	6	300	15	0,6

Additional data in the drawing area includes: 'Pejlerør: 1: D63mm', 'Method: Tørboring', 'Projection: DKT M3', 'X: 618587 (m) Y: 1187415 (m) Plan:'. The drawing also features a 'Continue' text box and a 'RAMBOLL' logo. The details panel on the right shows properties for '03. Continuation' and '04. PageText', including 'PageText: DK: S. &[Page]/&[Pages]; UK: P.' and 'PageText.Anchor: BottomRight'. The status bar at the bottom indicates 'Finished in 15,340 seconds', 'Pan', 'X=190,9mm Y=66,8mm 1:1,026', and 'DK ?? 20.01.258'.



## 14. MASTER AREAL

Arealer, der skal ensrettes i størrelse afhængig af den samlede tegningsstørrelse, refererer til et *Master Areal*. Størrelsen af master arealets indre og ydre afgrænsninger kopieres efter skalering til de tilhørende arealer. For et boreprofil vil alle de dybde relaterede arealer til referere til et master areal, der skaleres til boringens samlede længde. Areal med f.eks. stationære tekster i bunden af profilet vil ikke referere til master arealet.

The screenshot displays the GeoGIS2020 software interface. The main window shows a drawing titled "Drawing: PSTG-1100010494-0104" with a "Borehole Log" plot. The plot includes a grid, a depth axis (0 to 9.5), and a geological description table. A red circle highlights the "B - Master - Standard" entry in the "Designtræ" (Design Tree) on the left. Another red circle highlights the "Detaljer" (Details) panel on the right, which shows the properties for the selected "B - Master - Standard" area.

**Designtræ (Design Tree):**

- A30 - Chalk (%)
- A40 - Intake, Sounding - Standard
- A41 - Intake, Sounding - Simple
- A50 - Odeur
- A51 - Looks
- A52 - PID
- A60 - Enclosures - Standard
- A61 - Enclosures - Simple
- B - Master - Core
- B - Master - Standard** (selected)
- Primær Akse
- Primær Akse 2
- Sekundær Akse
- Kurver
- Symboler
- Tekster
- Snit
- Kort
- Cirkler
- Figurer
- Footer Local
- Tabeller
  - Log - Headers
  - Log - Tables** (selected)
  - Map

**Detaljer (Details) Panel:**

- 01. General
  - AreaId: 6fb71671-28f3-4f0e-8730-
  - AreaName: B - Master - Standard
  - sArealId:
  - Sequence: 0
  - PrimaryAxisDirecti...: Vertical
  - Anchor: Top, Bottom, Left, Right
- 02. DesignStyle and DesignTitle
- 03. Outer Boundary
  - DisplayOuterBoun...:
  - OuterBoundary.p1...: 0
  - OuterBoundary.p1...: 60
  - OuterBoundary.p2...: 0
  - OuterBoundary.p2...: 0
  - OuterBoundary.St...: A1
- 04. Inner Boundary
- 05. Text Boundary

**Borehole Log Table:**

Text Result	Geological Description
0.00 - 0.10	1. MUD. SAND, medium, sandy, slightly silty, green, sand, granular, dark brown, 100 kg
0.10 - 0.20	2. SUT. sand, sandy, in general, granular, green, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
0.20 - 0.30	3. SUT. silty, sandy, sandy, granular, green, sand, granular, dark brown, 100 kg
0.30 - 0.40	4. SUT. silty, sandy, sandy, granular, green, sand, granular, dark brown, 100 kg
0.40 - 0.50	5. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
0.50 - 0.60	6. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
0.60 - 0.70	7. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
0.70 - 0.80	8. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
0.80 - 0.90	9. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
0.90 - 1.00	10. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.00 - 1.10	11. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.10 - 1.20	12. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.20 - 1.30	13. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.30 - 1.40	14. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.40 - 1.50	15. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.50 - 1.60	16. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.60 - 1.70	17. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.70 - 1.80	18. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.80 - 1.90	19. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg
1.90 - 2.00	20. SAND, fine, medium, sandy, silty, silty, green, sand, granular, dark brown, 100 kg

Project: 1100010494 Roskilde Jernbåndsforbindelse  
 Drawing: PSTG-1100010494-0104  
 Date: 2014.03.10  
 Scale: 1:2,282  
 Project: 1100010494 Roskilde Jernbåndsforbindelse  
 Drawing: PSTG-1100010494-0104  
 Date: 2014.03.10  
 Scale: 1:2,282



## 15. TABELLER

Tegningens kurver, symboler, tekster etc. optegnes ud fra en række faste definerede database udtræk, der her kaldes tabeller. Brugeren kan se de data, der er udtrykket for den aktuelle tegning:

The screenshot displays the GeoGIS2020 software interface. The main window is titled "GeoGIS2020" and shows a drawing titled "Drawing: PSTG-1100010494-0104". The interface includes a menu bar, a toolbar, and several panels.

**Designtræ (Design Tree):** Located on the left, it shows a hierarchy of layers and tables. The "Log - Tables" folder is expanded, showing "Arealer" and "Tabeller". The "Samples" layer is selected and highlighted with a red circle.

**Data Table:** The central panel displays a table with the following columns: Rownum, CompanyId, Company, ProjectId, ProjectNo, PointNo, and sF. The data is as follows:

Rownum	CompanyId	Company	ProjectId	ProjectNo	PointNo	sF
1	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
2	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
3	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
4	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
5	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
6	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
7	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
8	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
9	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
10	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
11	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
12	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
13	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
14	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
15	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
16	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
17	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
18	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
19	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
20	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
21	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	
22	e2dafc06-572c...	RAMBØLL	bb0f52e2-ddac...	1100010494	0104	

**Detaljer (Details):** Located on the right, it shows the properties of the selected layer. The "02. Data" section is expanded, showing the "SQL" property with the value "SELECT qrySamples2.\*". This section is also highlighted with a red circle.

**Editor:** The bottom right panel shows the SQL query editor with the following text:

```
SELECT
  qrySamples2.*
FROM
  qrySamples2
WHERE (
  qrySamples2.Pointid = '{@Pointid}'
) OR (
  qrySamples2.Spointid = '{@Pointid}'
)
ORDER BY
  qrySamples2.Pointno,
  qrySamples2.Depth1
```

The status bar at the bottom indicates "Loading database complete", "Fit", and coordinates "-X=14,6mm Y=56,8mm 1 : 2,282".

Database udtrækkene defineres vha. SQL udtryk, der kan defineres i SQL Manageren:

The screenshot shows the SQL Manager interface for GeoGIS2020. The Database Tree on the left shows the 'qrySamples2' query selected, with its columns listed. The central table defines the query's structure:

Nr.	Tabel	Udtryk	Alias	Overskrift	Udskrift?	Sortering	Sortering Nr.	Filter	Eller ..
1	qrySamples2	*			<input checked="" type="checkbox"/>	No Sort			
2	qrySamples2	PointId		Punkt Id.	<input type="checkbox"/>	No Sort		= '{@Pointid}'	
3	qrySamples2	SPointId		O. Punkt Id.	<input type="checkbox"/>	No Sort		= '{@Pointid}'	
4	qrySamples2	PointNo		Punktnr.	<input type="checkbox"/>	Ascending	1		
5	qrySamples2	Depth1		Dybde 1.	<input type="checkbox"/>	Ascending	2		

The SQL Grid at the bottom shows the following SQL query:

```
SELECT
  qrySamples2.*
FROM
  qrySamples2
WHERE (
  qrySamples2.PointId = '{@Pointid}' )
OR (
  qrySamples2.SPointId = '{@Pointid}' )
ORDER BY
  qrySamples2.PointNo,
  qrySamples2.Depth1
```

The 'Opdater Kontrol' button in the bottom right corner is circled in red.



## 16. OPRETTE NY TEGNING

En ny tegning oprettes nemmest ved at kopiere en eksisterende tegning. Marker en eksisterende tegning og vælg funktionen: *Tegning > Kopier*

The screenshot shows the GeoGIS2020 software interface. The 'Tegninger' menu is open, and the 'Kopier' option is highlighted. The 'Geotekniske Profiler' folder is also highlighted in the left sidebar. The main window displays a data table with the following columns: Punktnr., DGU Nr., Beskrivelse 1., Punkttpe, Metode, Aktiv?, Top, Bund, Kote - Top, Kote - Bund, and Slut dato.

Punktnr.	DGU Nr.	Beskrivelse 1.	Punkttpe	Metode	Aktiv?	Top	Bund	Kote - Top	Kote - Bund	Slut dato
0101		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	12,00	8,24	-3,76	2014.03.18
0102		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	8,00	6,01	-1,99	2014.03.13
0103		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	12,10	9,27	-2,83	2014.03.20
0104		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	12,00	1,84	-10,16	2014.03.10
0104A			Borehole (B)		✓	0,00	12,00	1,95	-10,05	2014.03.12
0105		A certain content of...	Borehole (B)		✓	0,00	12,40	5,33	-7,07	2014.03.06
0105A			Borehole (B)		✓	0,00	10,50	5,45	-5,05	2014.03.12
0106		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	15,00	13,34	-1,66	2014.03.05
0107		A certain content of...	Borehole (B)		✓	0,00	8,00	10,81	2,81	2014.03.03
0108		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	6,00	11,84	5,84	2014.03.03
0109		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	9,00	15,15	6,15	2014.03.03
0110		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	12,00	9,40	-2,60	2014.03.06
0111		A certain content of...	Borehole (B)		✓	0,00	7,00	13,39	6,39	2014.03.03
0112		A certain content of...	Borehole (B)		✓	0,00	8,00	19,53	11,53	2014.03.04
0113		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	7,00	14,45	7,45	2014.03.02
0114		A certain content of...	Borehole (B)		✓	0,00	9,00	19,56	10,56	2014.03.04
0115		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	6,00	9,90	3,90	2014.03.12
0116		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	5,00	11,45	6,45	2014.03.12
0117		A certain content of...	Borehole (B)		✓	0,00	7,00	20,18	13,18	2014.03.02
0500		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	6,00	22,32	16,32	2014.12.15
0690		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	15,45	20,09	4,64	2014.12.05
0695		A certain content of...	Borehole (B)		✓	0,00	15,45	20,10	4,65	2014.12.03
0785		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	15,00	21,02	6,02	2014.11.26
0795		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	15,00	19,55	4,55	2014.12.08
0800		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	6,00	19,06	13,06	2014.12.15
0940		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	6,40	18,22	11,82	2014.11.27
1081		A certain content of...	Borehole (B)	Tørborin...	✓	0,00	15,00	20,42	5,42	2014.12.10

The status bar at the bottom shows: Fit, -X=14,0mm Y=248,7mm 1:2,282, and a date field with 'DK ?? 20.01.22B'.

## 17. LOGO

Logo for alle tegninger vælges vha. Logo funktionen, der kan indlæse en png fil ind i tegningsdatabasen. Efter indlæsningen vises logoet i menuen. Allerede åbne tegninger skal opdateres, før ændringen træder i kraft.

The screenshot shows the GeoGIS2020 software interface. The main window displays a drawing with a 'RAMBOLL' logo in the top right corner, circled in red. A 'FormLogo' dialog box is open, showing the file path 'C:\GeoGIS2020\Images\Logo.png' and the 'RAMBOLL' logo. The 'Designtræ' on the left lists various drawing elements, and the 'Detaljer' on the right shows a table of data for 'Samples'.

01. General	
BlockId	b068b0b5-d6ff-43de-a543-6f5f
TableId	f18f64da-6bfd-4764-9880-8e30
Table	Samples
Sequence	120
Description	
02. Data	
SQL	SELECT qrySamples2.*
Values	
03. Relation	
05. Misc.	
Active	<input checked="" type="checkbox"/>

```

SELECT
  qrySamples2.*
FROM
  qrySamples2
WHERE (
  qrySamples2.Pointid = '{@Pointid}' )
OR (
  qrySamples2.Spointid = '{@Pointid}' )
ORDER BY
  qrySamples2.Pointno,
  qrySamples2.Depth1
  
```

RAMBOLL Borehole Log

Project: 1100010494 Roskilde Fjord Connection  
 Client: GE Data: 20110210 Design: JAHN Elevation: Borehole: 0104  
 Printed by: 888 Printed by: 002 (10/10/10) Date: 2014/12/10 Sheet: 1/17



## 18. PRINT

Tegninger udskrives vha. Print funktionen. Brugeren kan ændre skala vha. skala vælgeren. Tegningen skal opdateres før skala ændringer har virkning. Det benyttede sprog bestemmes ud fra projektets setup.

The screenshot shows the GeoGIS2020 software interface. The 'Tegninger' (Drawings) menu is active, and several options are circled in red: 'Opdater Design', 'Print', and a dropdown menu showing 'Vert. Scale 1:50'. The main window displays a 'Borehole Log' for 'PSTG-1100010494-0101'. The log includes a geological description table and a scale bar.

Layer	Depth (m)	Geological Description	Unit	Code
1	0.00 - 0.10	TIJL CLAY, silty, sandy, gravelly, mul content, dark brown	0	Go
2	0.10 - 0.20	TIJL CLAY, silty, sandy, gravelly, spots of mul. brown	0	Go
3	0.20 - 0.30	MULL CLAY, silty, sandy, gravelly, loam	0	Go
4	0.30 - 0.40	CLAY TILL, silty, sandy, gravelly, brown/brn	0	Go
5	0.40 - 0.50	CLAY TILL, silty, sandy, gravelly, brown/brn	0	Go
6	0.50 - 0.60	CLAY TILL, silty, sandy, gravelly, brown/brn	0	Go
7	0.60 - 0.70	CLAY TILL, silty, sandy, gravelly, gw	0	Go
8	0.70 - 0.80	CLAY TILL, silty, sandy, gravelly, gw	0	Go
9	0.80 - 0.90	CLAY TILL, silty, sandy, gravelly, gw	0	Go
10	0.90 - 1.00	CLAY TILL, silty, sandy, gravelly, gw	0	Go
11	1.00 - 1.10	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
12	1.10 - 1.20	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
13	1.20 - 1.30	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
14	1.30 - 1.40	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
15	1.40 - 1.50	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
16	1.50 - 1.60	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
17	1.60 - 1.70	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
18	1.70 - 1.80	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
19	1.80 - 1.90	CLAY TILL, silty, very sandy, gravelly, gw	0	Go
20	1.90 - 2.00	CLAY TILL, silty, very sandy, gravelly, gw	0	Go

Project: 1100010494 Roskilde Flynd Connection  
 Drawn by: PS Date: 2014-02-16 Geologist: SPJALW Synonym: Borehole: 0101  
 Prepared by: TSLK Checked by: Approved by: Date: Sheet No.: 2/201 P. 1/2

RAMBOLL Borehole Log

## 19. PDF

Vælges PDF som output format kan tegninger udskrives direkte til en PDF fil. PDF udtegningen er optimeret for hastighed, men det er ikke muligt at vælge design visning og ændre i tegningsopsætningen. Tegningen vises i den indbyggede PDF Viewer:

The screenshot shows the GeoGIS2020 software interface. The main window displays a technical drawing titled "Test Results" with a depth scale from 0 to 4 meters. The drawing includes a grid, various data points, and labels such as "DVR90 +1,84 m", "qc", "W GI Gtv", "BETON", "FYLD 20140402", and "TSB". To the right of the drawing is a table with columns for "Level (m)", "Geology", "Sample No.", "Geological Description", and "Env. Age".

A dropdown menu is open over the "Geotekniske Profiler - 1" button, showing the following options: PDF, Skærm, Print, PDF, and DXF. The "PDF" option is highlighted. The menu is circled in red.

The software interface includes a menu bar with options like "Databaser", "SQL", "Formular", "Formular Design", "Genveje", "Import/Eksport", "Rapporter", "Tegninger", "Tegning Design", "Tegning 3D", "Grafer", "Kort", and "Hjælpeværktøjer". A toolbar at the top contains various icons for file operations, data management, and navigation. The status bar at the bottom indicates "Finished in 15,608 seconds", "Fit", and coordinates "-X=14,0mm Y=248,7mm 1:2,282".

Level (m)	Geology	Sample No.	Geological Description	Env.	Age
0			1 MULL: SAND, medium, poorly sorted, slightly silty, gravelly, plant remnants, dark brown		
0			2 SAND, fine, sorted, very silty, a few plant remnants, reddish brown	Wd	Lg
1			3 SILT, coarse, sandy, a few grains of gravel, plant remnants, pockets og organic material, brownish grey	Wd	Lg
1			4 CLAY, silty, very, sandy, gravelly, brownish grey	Wd	Lg
2			5 CLAY, silty, sandy, gravelly, plant remnants, bluish grey	Ss	Lg
2			5B no sample		
2			6 SAND, fine - medium, sorted, very silty, a few grains of gravel, greyish brown	Mw	Lg/Gc
3			7 SAND, fine - medium, sorted, silty, pockets of clay, greyish brown	Mw	Lg/Gc
3			8 SAND, fine - medium, poorly sorted, slightly silty, gravelly, greyish brown	Mw	Lg/Gc
4			9 SAND, medium, poorly sorted, slightly silty, gravelly, grey	Mw	Lg/Gc
4			10 SAND, medium, sorted, slightly silty, slightly gravelly, grey	Mw	Lg/Gc



En tegning i skærmvisning kan udskrives til PDF fil vha. funktionen: *Eksport > PDF* eller vha. print til en ekstern PDF printer. De forskellige muligheder kan give lidt forskellig grafisk kvalitet og brugeren må vælge den, der giver det bedste resultat. Ved store tegninger kan det være nødvendigt, at vælge print til ekstern PDF printer.

Vælges udtegning af flere profiler, så vises en dialog, hvor brugeren kan angive, om tegningerne skal samles i en PDF Fil eller om de ska udskrives til enkelte PDF filer:

The screenshot shows the GeoGIS2020 software interface. The main window displays a data table with columns for 'Punktnr.', 'DGU Nr.', 'Beskrivelse 1.', 'Punkttype', 'Metode', 'Aktiv?', 'Top', 'Bund', 'Kote - Top', 'Kote - Bund', 'Slut dato', 'Entreprenør Id.', 'Projektion 1.', and 'X1'. A dialog box titled 'Udskriv til PDF' is open over the table, allowing the user to specify the PDF filename and output options.

**Udskriv til PDF Dialog Box Options:**

- PDF Filnavn: C:\GeoGIS2020\Work\MineProfiler.pdf
- Overskriv eksisterende fil?
- Opret fil for hver tegning?
- Tilføj tegning til eksisterende fil?
- Vis PDF i viewer?

**Data Table (Partial View):**

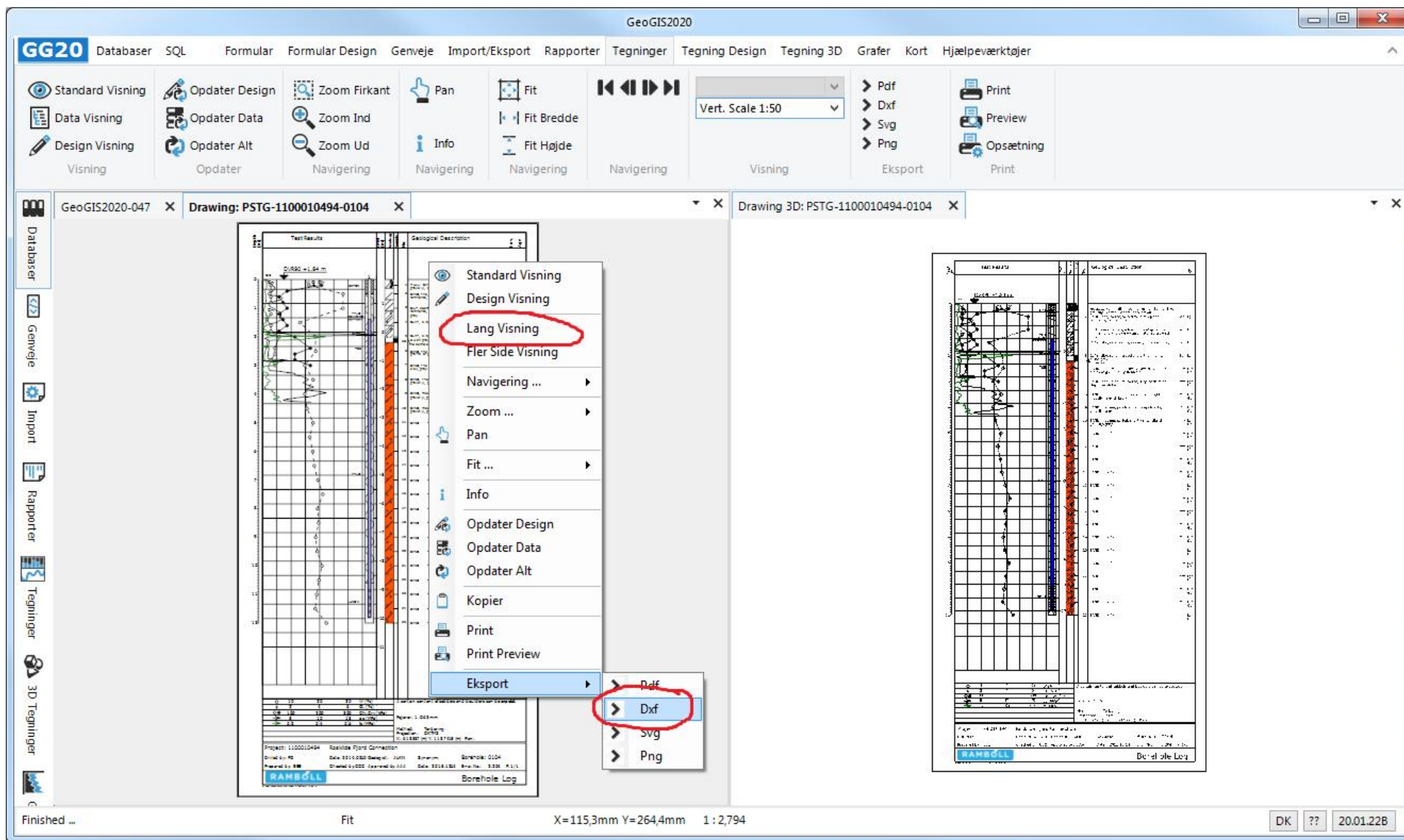
Punktnr.	DGU Nr.	Beskrivelse 1.	Punkttype	Metode	Aktiv?	Top	Bund	Kote - Top	Kote - Bund	Slut dato	Entreprenør Id.	Projektion 1.	X1
0101		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	12,00	8,24	-3,76	2014.03.18		DKTM3 - ETRS89 (4...	
0102		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0103		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	12,10	8,27	-3,83	2014.03.20		DKTM3 - ETRS89 (4...	
0104		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	12,10	8,27	-3,83	2014.03.20		DKTM3 - ETRS89 (4...	
0104A												DKTM3 - ETRS89 (4...	
0105		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0105A												DKTM3 - ETRS89 (4...	
0106		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0107		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0108		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0109		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0110		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0111		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	6,01	-1,99	2014.03.13		DKTM3 - ETRS89 (4...	
0112		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	8,00	19,53	11,53	2014.03.04		DKTM3 - ETRS89 (4...	
0113		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	7,00	14,45	7,45	2014.03.02		DKTM3 - ETRS89 (4...	
0114		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	9,00	19,56	10,56	2014.03.04		DKTM3 - ETRS89 (4...	
0115		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	6,00	9,90	3,90	2014.03.12		DKTM3 - ETRS89 (4...	
0116		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	5,00	11,45	6,45	2014.03.12		DKTM3 - ETRS89 (4...	
0117		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	7,00	20,18	13,18	2014.03.02		DKTM3 - ETRS89 (4...	
0500		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	6,00	22,32	16,32	2014.12.15		DKTM3 - ETRS89 (4...	
0690		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	15,45	20,09	4,64	2014.12.05		DKTM3 - ETRS89 (4...	
0695		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	15,45	20,10	4,65	2014.12.03		DKTM3 - ETRS89 (4...	
0785		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	15,00	21,02	6,02	2014.11.26		DKTM3 - ETRS89 (4...	
0795		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	15,00	19,55	4,55	2014.12.08		DKTM3 - ETRS89 (4...	
0800		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	6,00	19,06	13,06	2014.12.15		DKTM3 - ETRS89 (4...	
0940		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	6,40	18,22	11,82	2014.11.27		DKTM3 - ETRS89 (4...	
1081		A certain content of...	Borehole (B)	Tørborin...	<input checked="" type="checkbox"/>	0,00	15,00	20,42	5,42	2014.12.10		DKTM3 - ETRS89 (4...	

Finished in 0,170 seconds      Fit      -X=7,4mm Y=246,6mm      1 : 3,073      DK ?? 20.01.22B



## 20. UDTRÆK TIL CAD (DXF)

Tegninger kan udskrives til CAD vha. dxf formatet. Dette gøres vha. funktionen: *Eksport > Dxf*. Da CAD udtrækket ikke håndterer tegninger over flere sider, er det bedst at eksportere boreprofiler i *Lang Visning*.



I design visning kan brugeren angive CAD tegningslag for de enkelte tegningselementer, som standard benyttes areal navnet:

The screenshot displays the GeoGIS2020 software interface. The main window shows a drawing titled "Drawing: PSTCPT2-1100010494-0104". The drawing is a CPT log with a grid and various data points. The interface includes a menu bar with options like "Databaser", "SQL", "Formular", "Formular Design", "Genveje", "Import/Eksport", "Rapporter", "Tegninger", "Tegning Design", "Tegning 3D", "Grafer", "Kort", and "Hjælpeværktøjer". The toolbar contains icons for "Standard Visning", "Data Visning", "Design Visning", "Opdater Design", "Opdater Data", "Opdater Alt", "Zoom Firkant", "Zoom Ind", "Zoom Ud", "Pan", "Info", "Fit", "Fit Bredde", "Fit Højde", "Vert. Scale 1:50", "Pdf", "Dxf", "Svg", "Png", "Print", "Preview", and "Opsætning".

The left sidebar shows a "Designtræ" (Design Tree) with a tree structure for "PSTCPT2". The tree includes "Ramme" (Frame) with "Tegningsfod" (Drawing Foot) and "Tegningshoved" (Drawing Head), "Blokke" (Blocks) with "Lab. - Footers", "Lab. - GrainSize", "Lab. - Proctor", "Lab. - Tables", and "Log - CPT" (CPT Log) with "Arealer" (Areas) and "Kurver" (Curves). The "Arealer" section is expanded to show "A01N - Test Values - Cone..." with "Primær Akse" (Primary Axis) and "Sekundær Akse" (Secondary Axis), and "Kurver" (Curves) with "InSitu Test CPT - q..." and "Sekundær Akse" (Secondary Axis).

The right sidebar shows a "Detaljer" (Details) panel with a list of settings for the selected element. The "CADLayer" property is highlighted with a red circle, and its value is set to "Areal". The "Visible" property is checked.

The bottom status bar shows "Finished in 3,041 seconds", "Fit", "X=43,6mm -Y=4,8mm", "1:2,296", and "DK ?? 20.01.23B".

