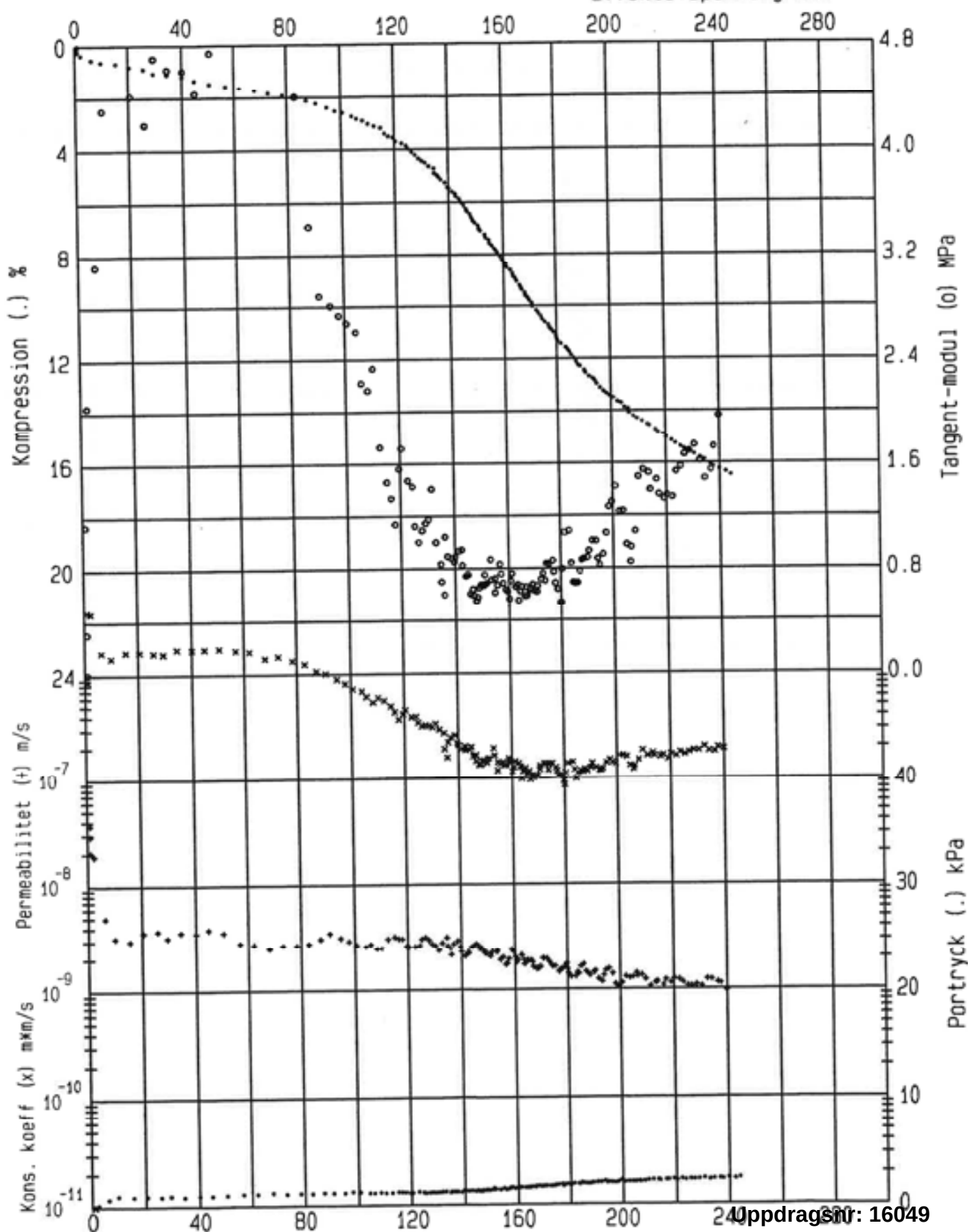


|                       |                 |           |                         |                 |                 |                             |          |           |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|----------|-----------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |          |           |
| 0.0024                | 20              | 64        | 1.64                    |                 | 100             | Kartåsen, Lidköpings Kommun |          |           |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM    | PUNKT     |
| 5                     | 50              | 48        |                         |                 | 690             | U05063                      | 08-02-15 | 4         |
|                       |                 |           |                         |                 |                 |                             |          | DJUP<br>m |

Effektivspänning kPa

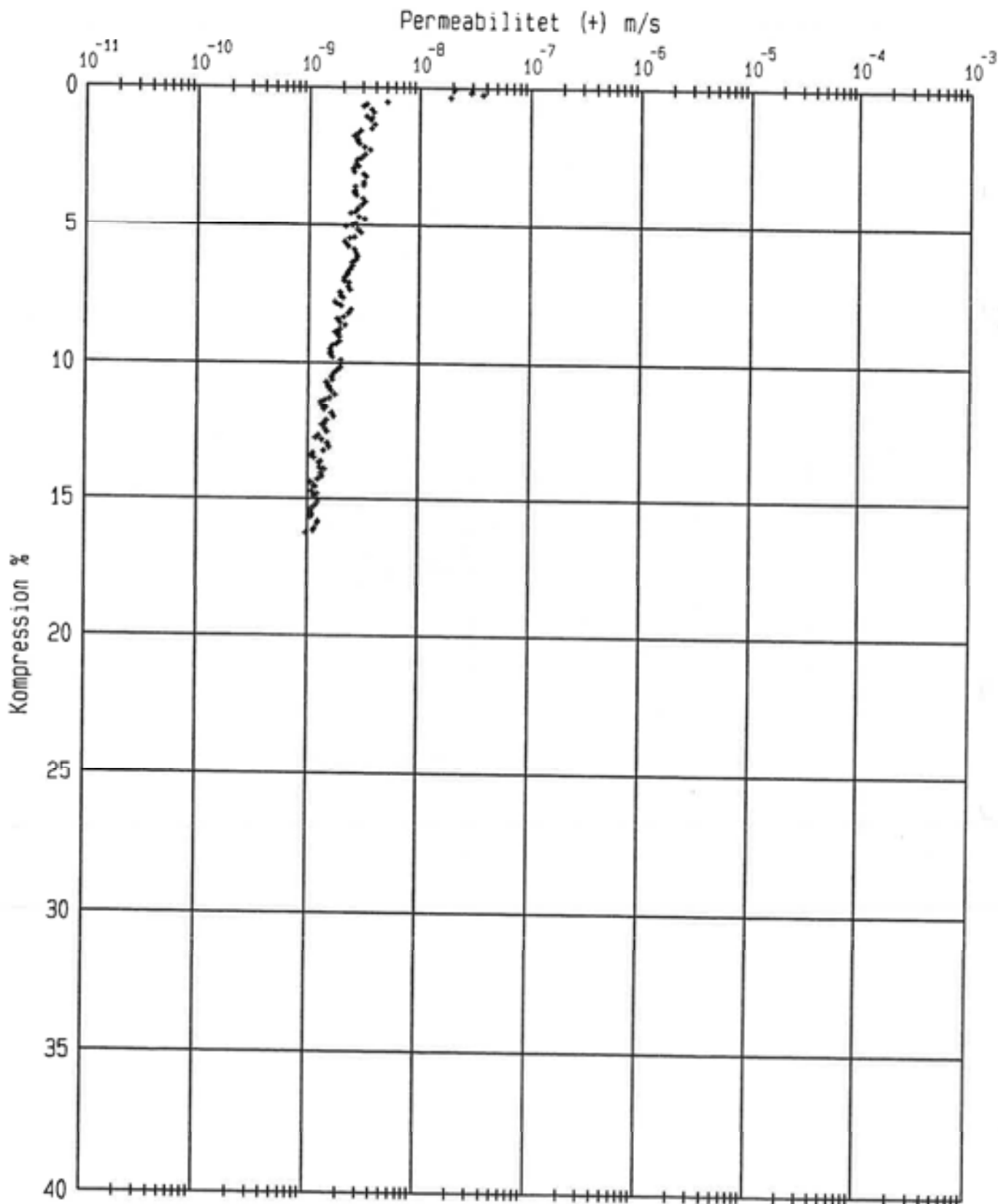


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

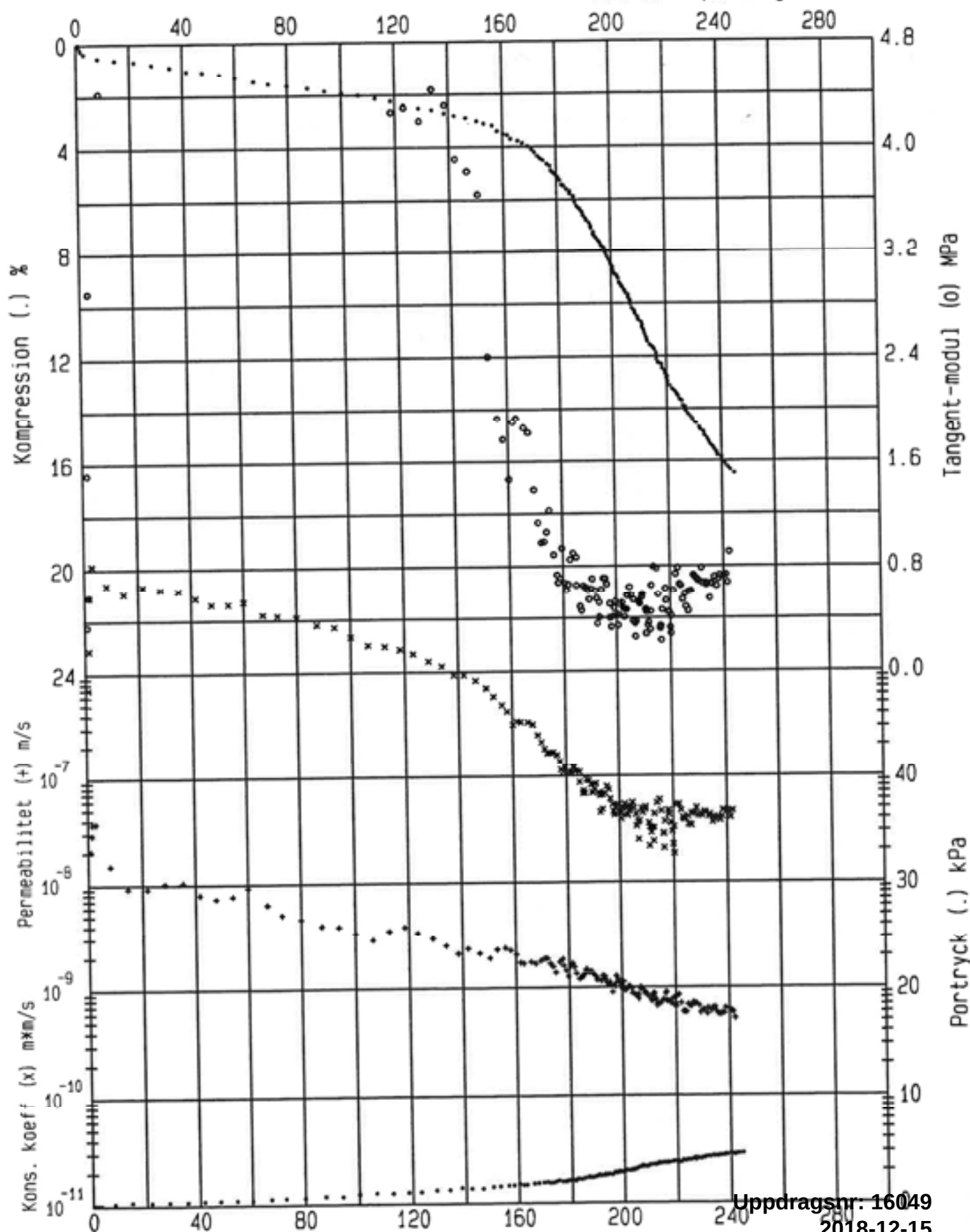
Punkt: 4

Djup: 4m



|                       |                 |           |                         |                 |                 |                             |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
| 0.0024                | 20              | 67        | 1.54                    |                 | 157             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | Arb.nr:16049                |        |       |      |
| JT                    | 50              | 69        |                         |                 | 490             | ARB.NR                      | DATUM  | PUNKT | DJUP |
|                       |                 |           |                         |                 |                 | 005063                      | 080215 | 4     | 5m   |

Effektivspänning kPa

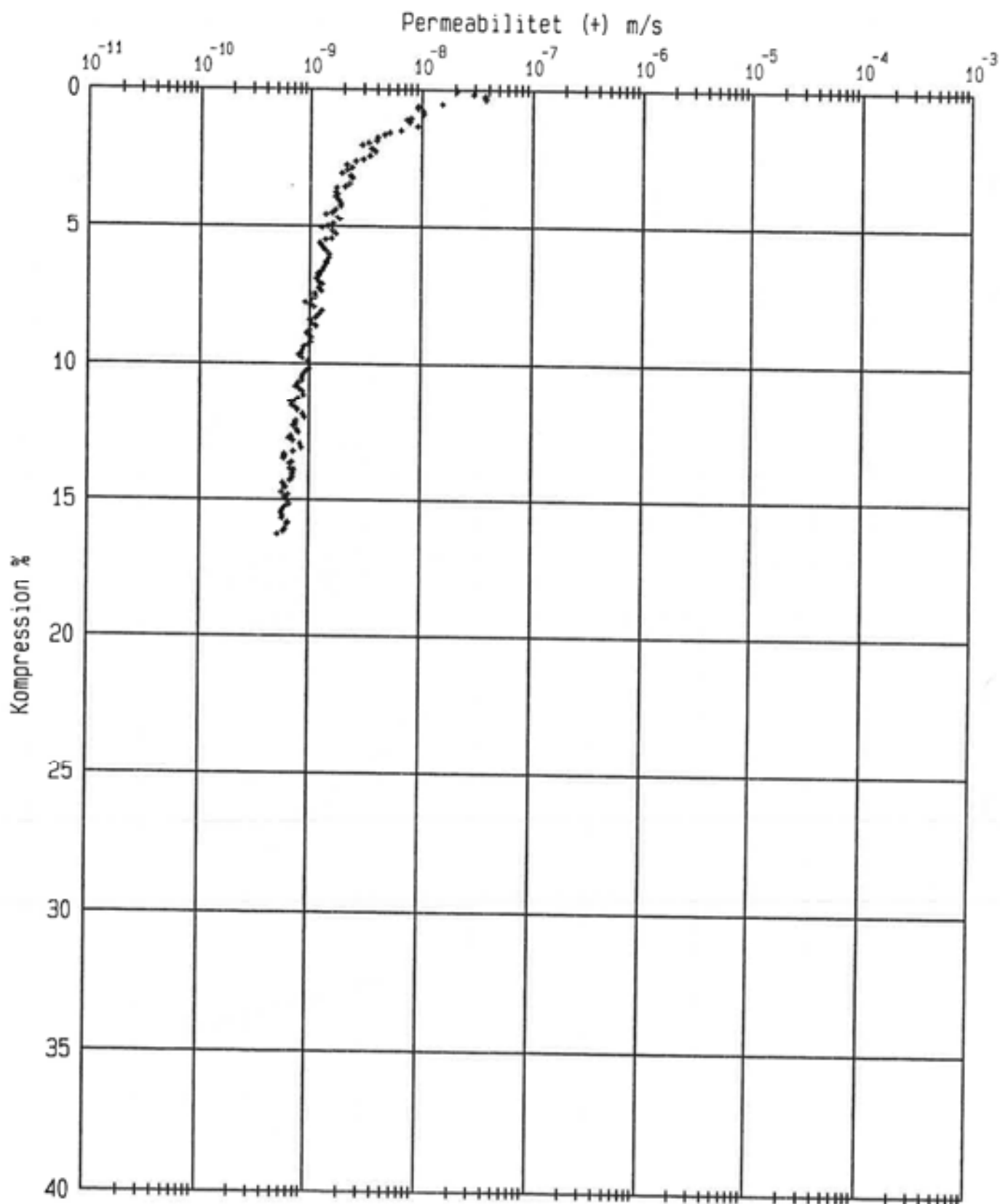


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

Punkt: 4

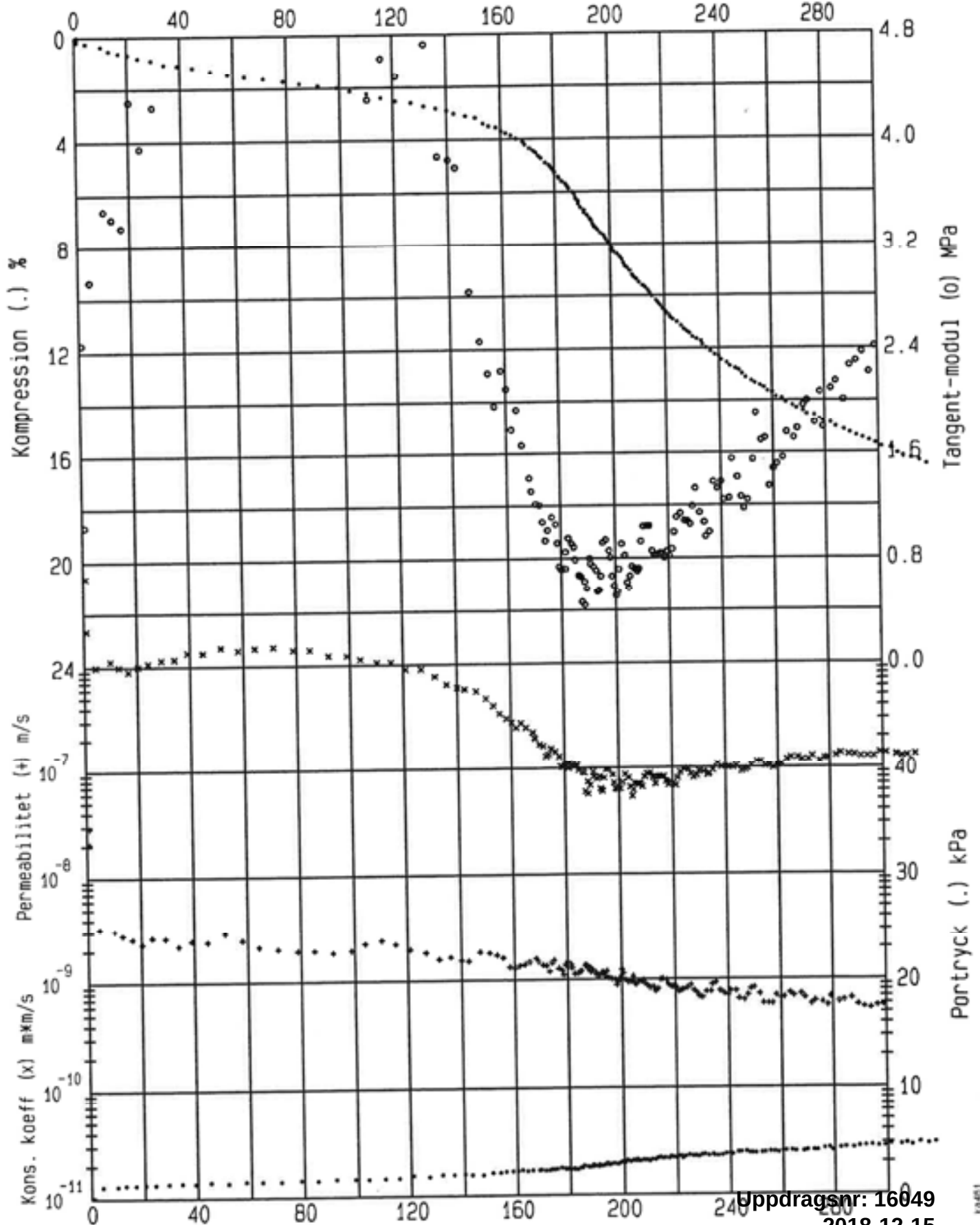
Djup: 5m





| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 57        | 1.65                    |                 | 153             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| ST                    | 50              | 49        |                         |                 | 750             | 005063                      | 080215 | 4     | 6m   |

Effektivspänning kPa

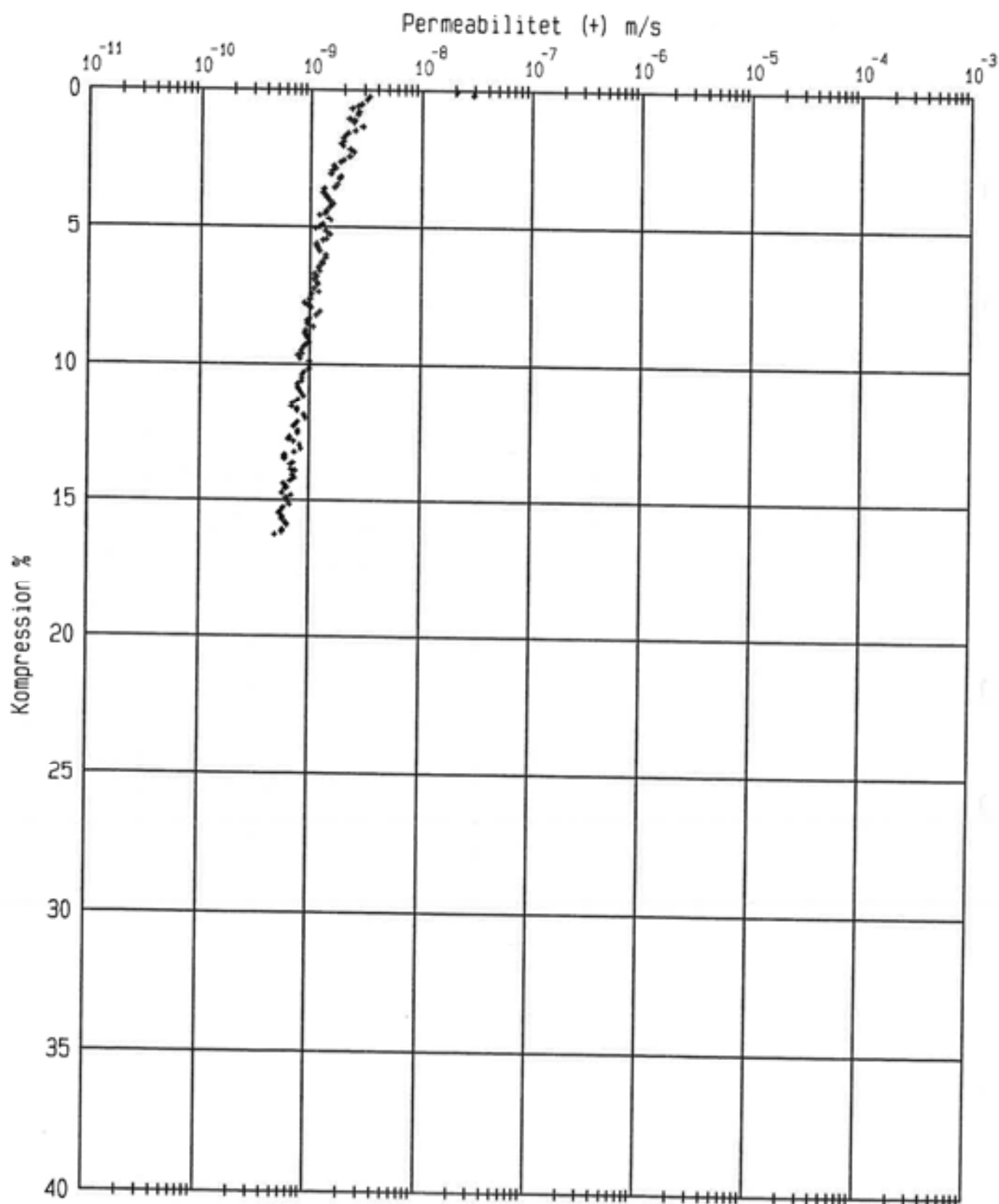


Arb.nr: ~~005063~~ Arb.nr: 16049

Datum: 080215

Punkt: 4

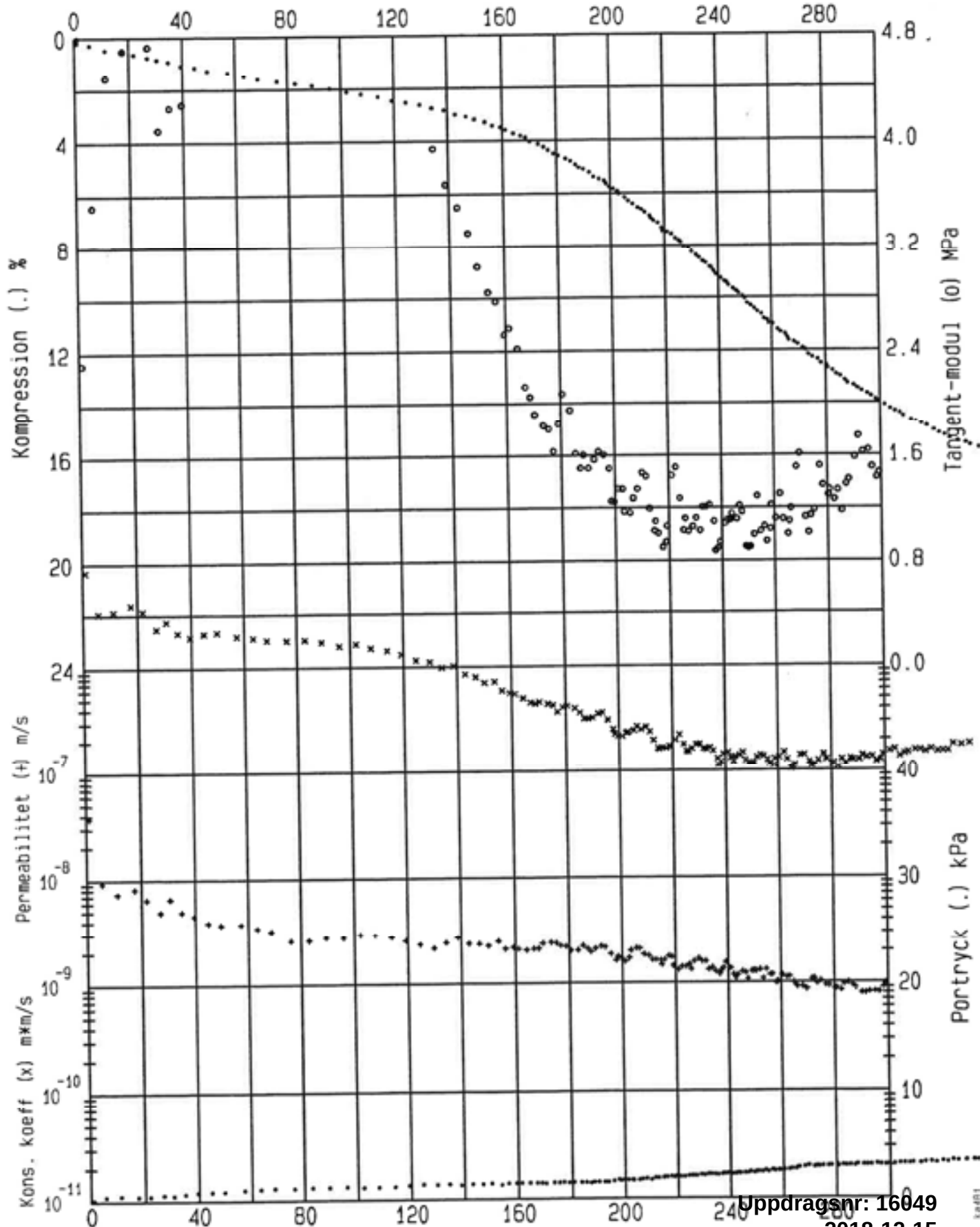
Djup: 6m



Uppdragsnr: 16049  
2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_L$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 60        | 1.65                    |                 | 155             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 5T                    | 50              | 49        |                         |                 | 1150            | 005063                      | 080215 | 4     | 8m   |

Effektivspänning kPa



Uppdragsnr: 16049

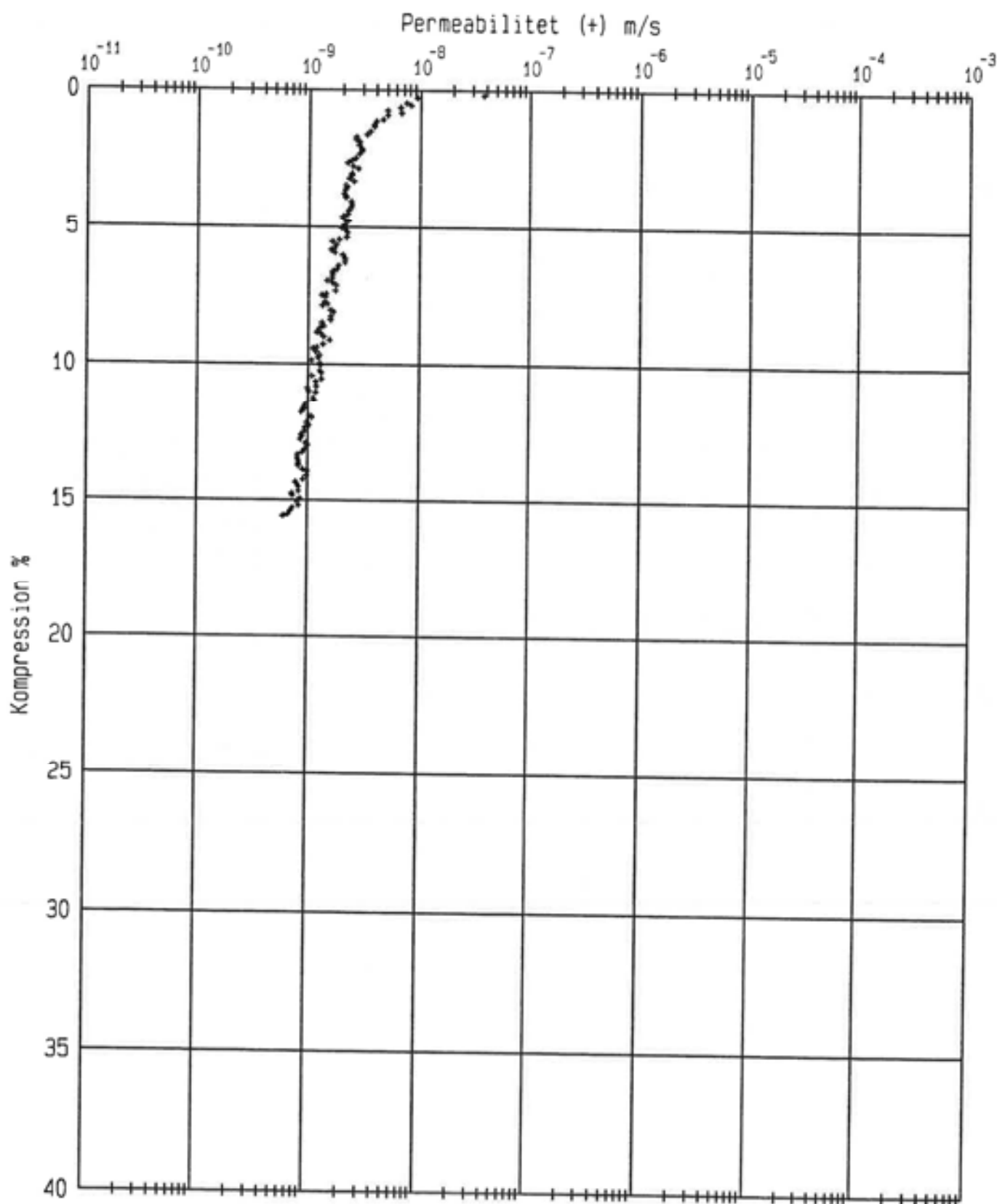
2018-12-15

Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

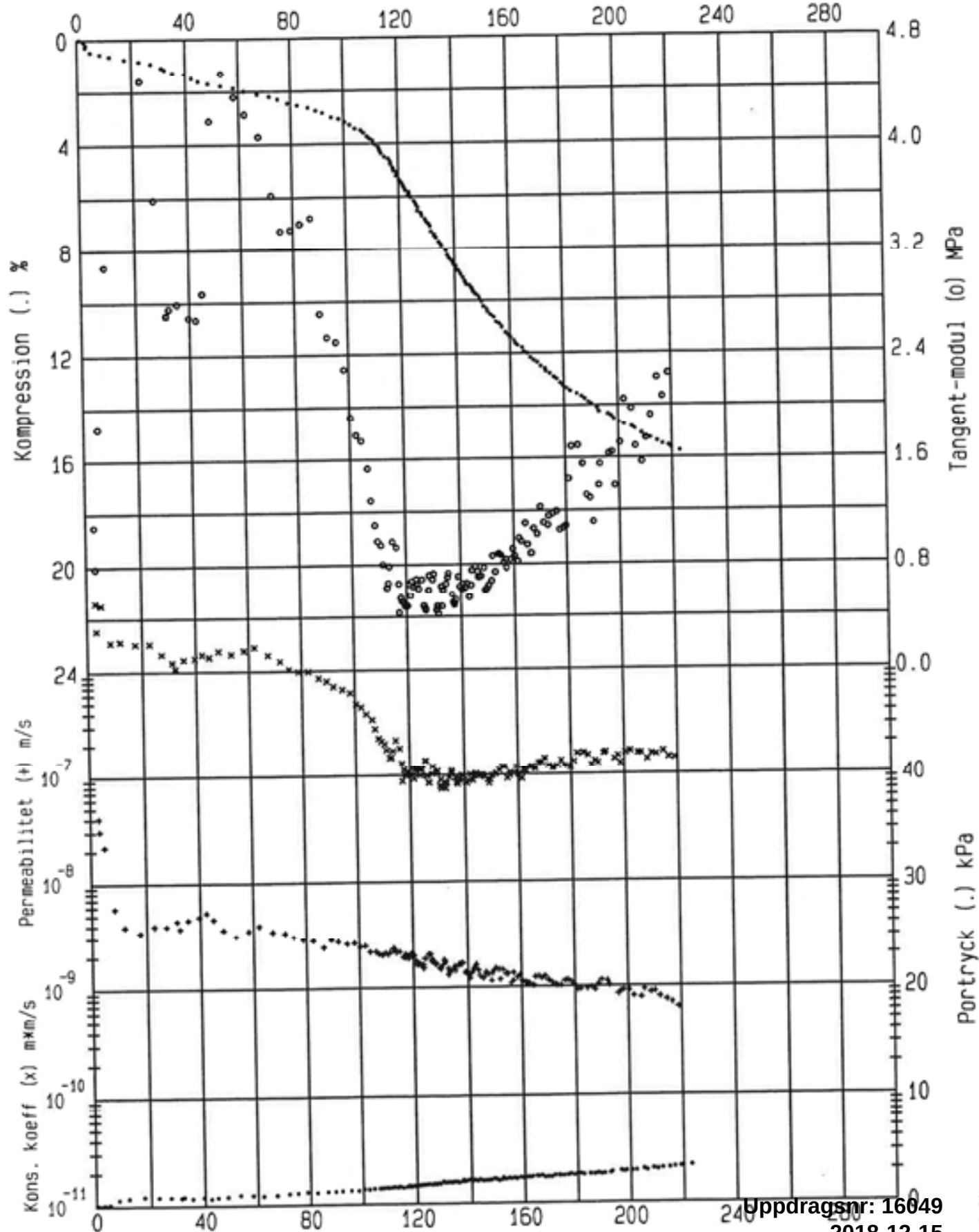
Punkt: 4

Djup: 8m

Uppdragsnr: 16049  
2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 54        | 1.70                    |                 | 102             | Kartåsen, Lidköpings Kommun |        |       |      |
|                       |                 |           |                         |                 |                 | Arb.nr:16049                |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | M <sup>1</sup>  | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| JT                    | 50              | 44        |                         |                 | 610             | 005063                      | 080215 | 5     | 4m   |

Effektivspänning kPa

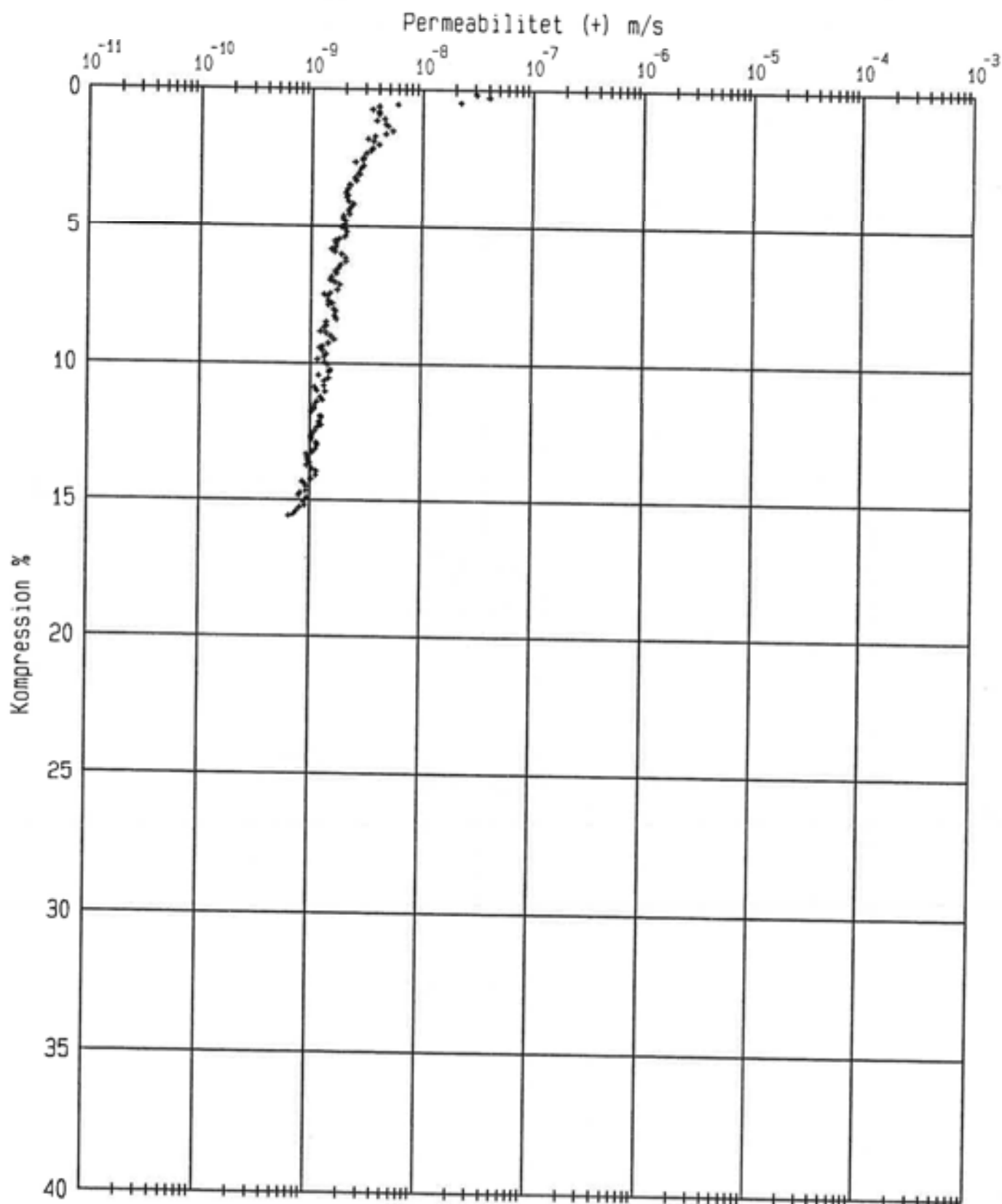


Arb.nr: ~~005063~~ Arb.nr: 16049

Datum: 080215

Punkt: 5

Djup: 4m



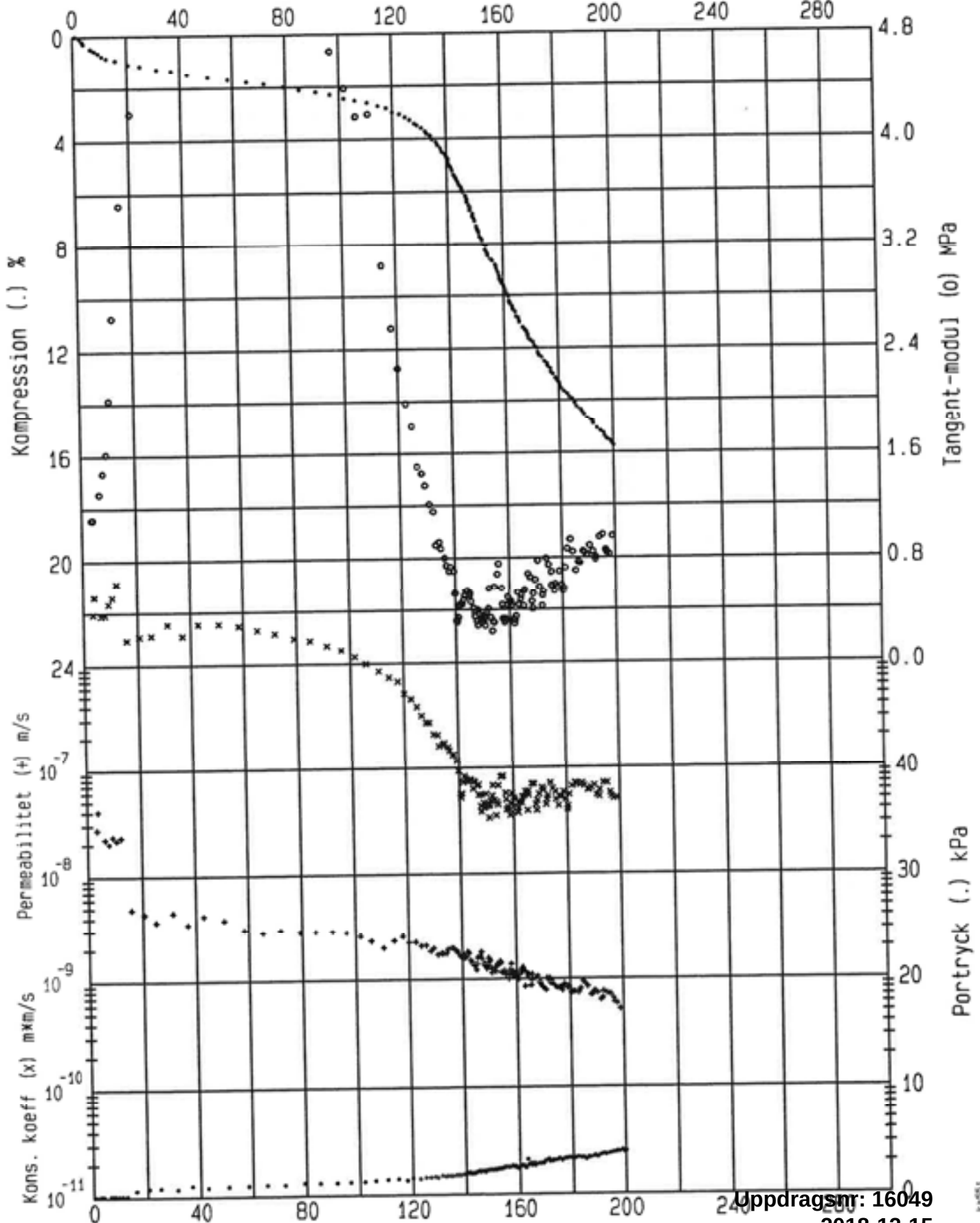
Uppdragsnr: 16049

2018-12-15

|                       |                 |           |                         |                 |                 |                             |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
| 0.0024                | 20              | 66        | 1.60                    |                 | 122             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_V$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| JT                    | 50              | 57        |                         |                 | 410             | U05063                      | 080215 | 5     | 5m   |

Arb.nr:16049

Effektivspänning kPa

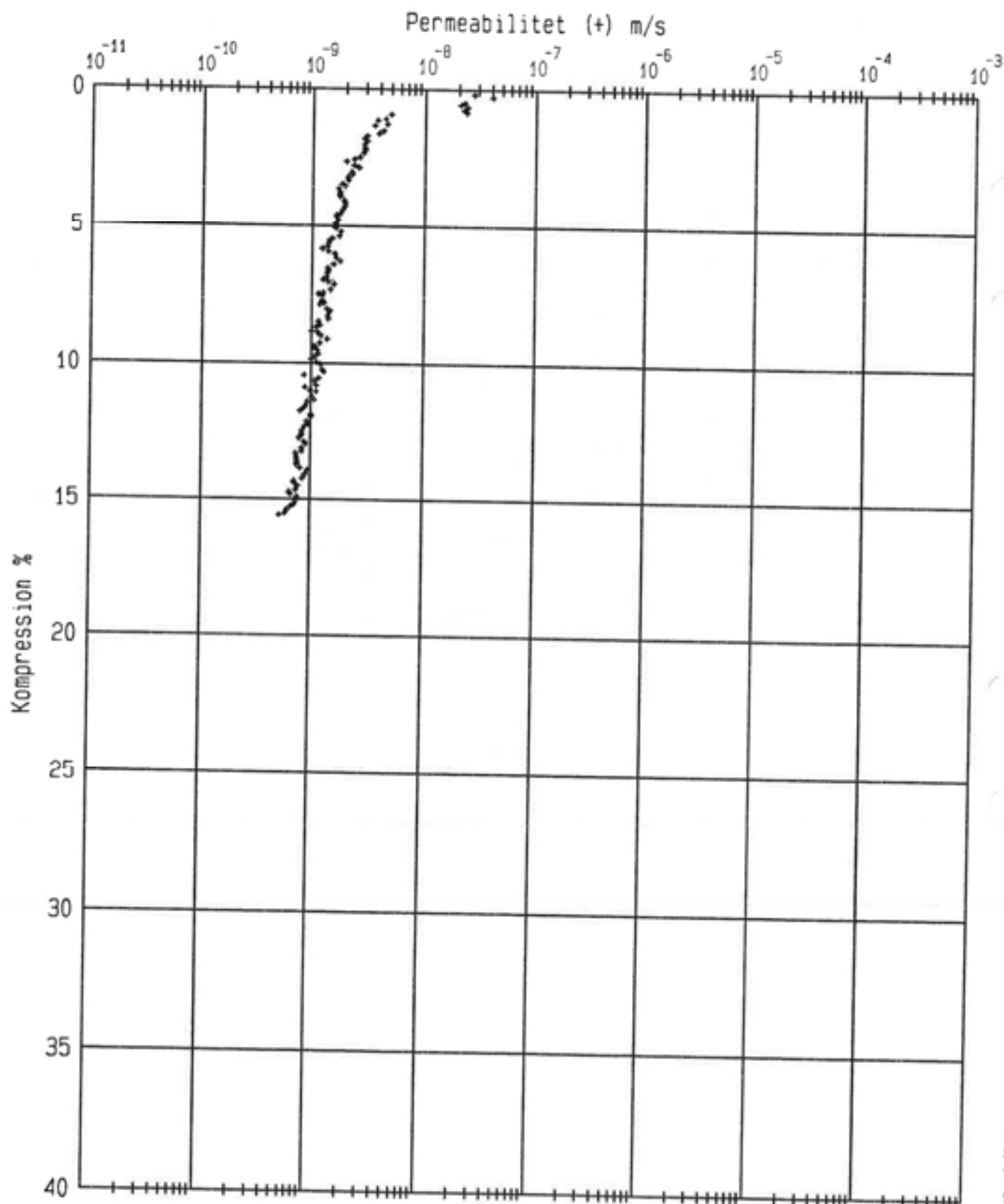


Arb.nr: ~~005063~~ Arb.nr: 16049

Datum: 080215

Punkt: 5

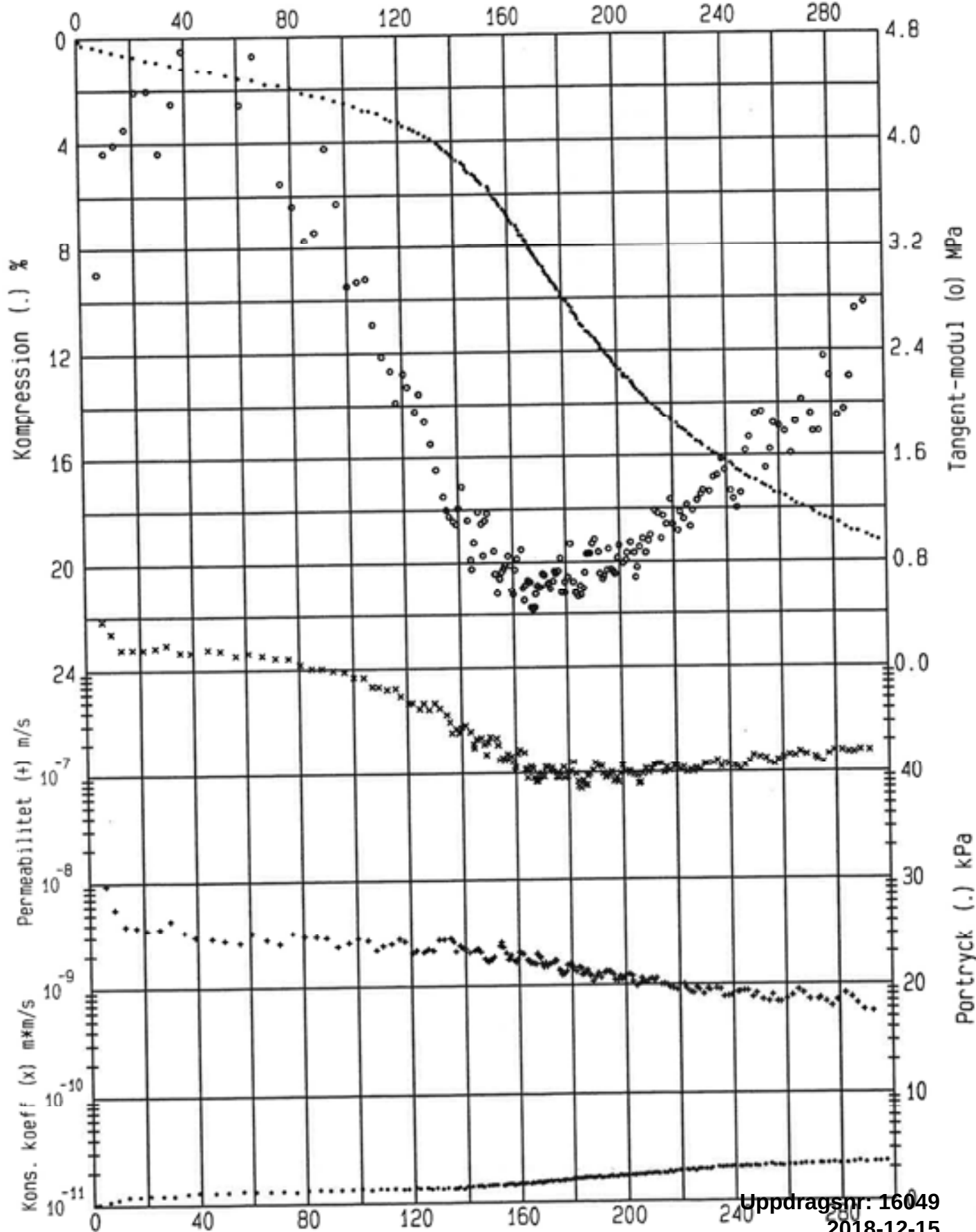
Djup: 5m





| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|----------------|----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 71        | 1.60                    |                | 120            | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$          | $M_L$ kPa      | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 5                     | 50              | 51        |                         |                | 680            | 005063                      | 080215 | 5     | 6m   |

Effektivspänning kPa

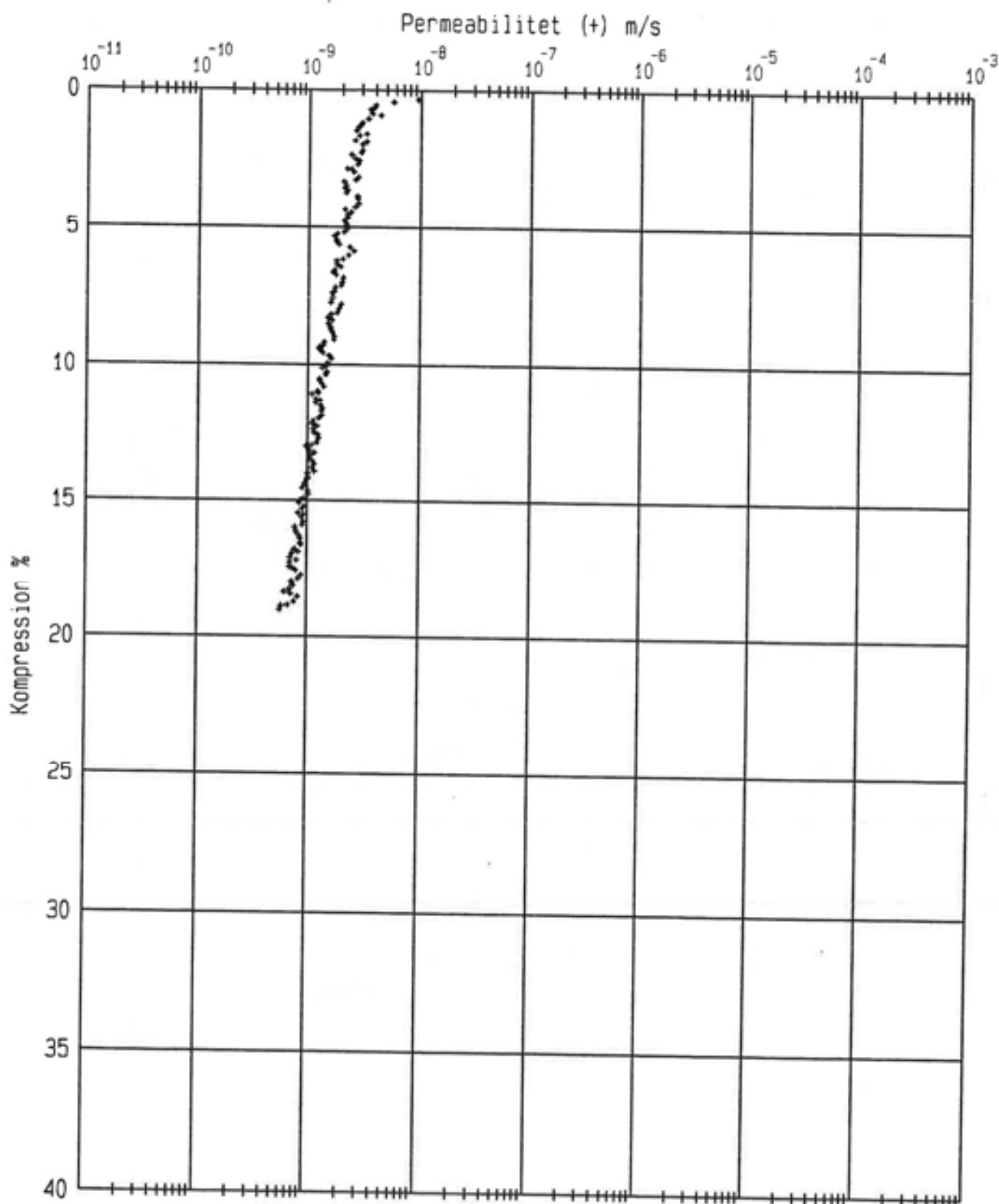


Arb.nr: ~~U05063~~ Arb.nr: 16049

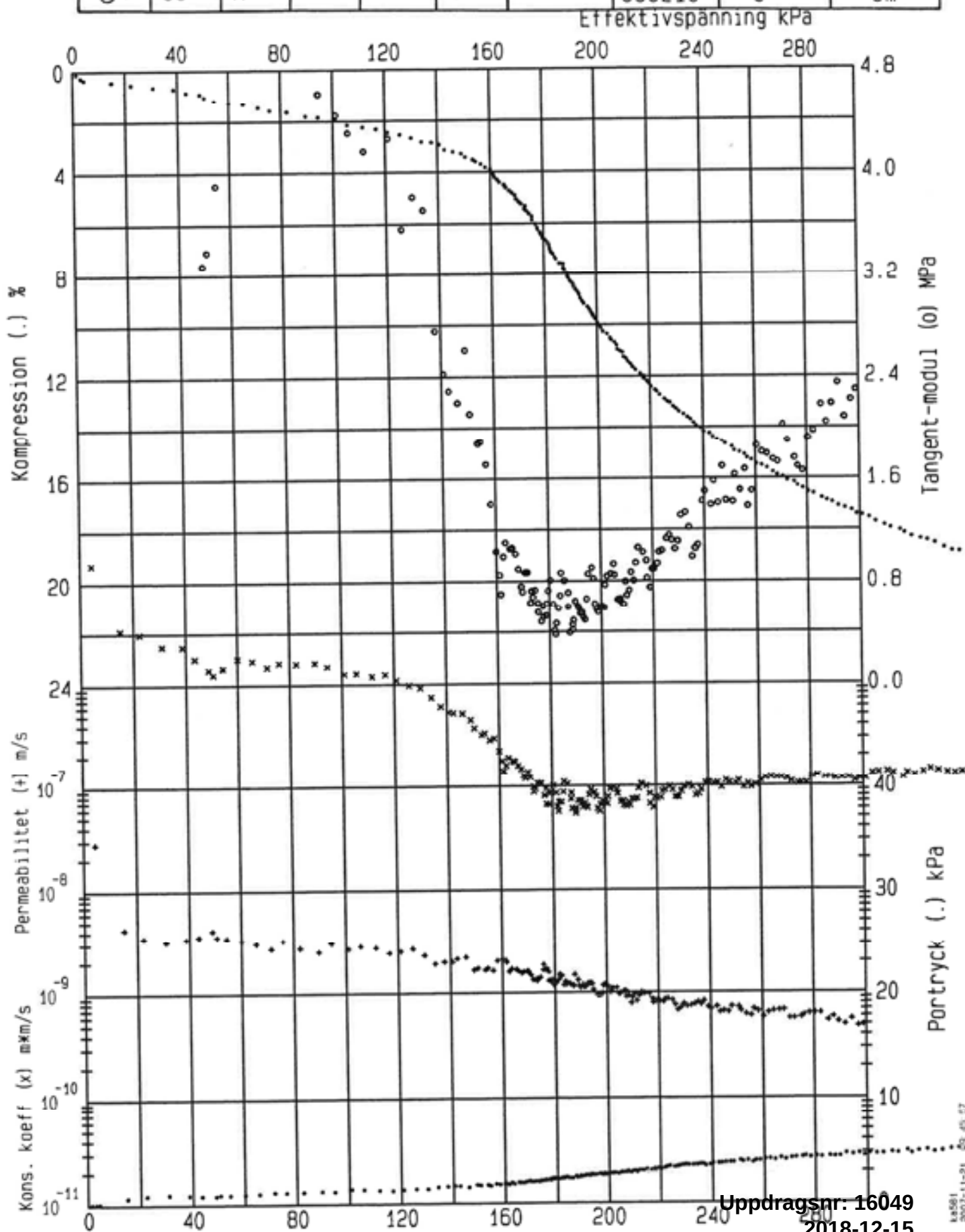
Datum: 080215

Punkt: 5

Djup: 6m



|                       |                 |           |                         |                |                |                             |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|----------------|----------------|-----------------------------|--------|-------|------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma_C$ kPa | PROJEKT                     |        |       |      |
| 0.0024                | 20              | 55        | 1.64                    |                | 144            | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$          | $M_L$ kPa      | Arb.nr:16049                |        |       |      |
| 35                    | 50              | 47        |                         |                | 660            | ARB.NR                      | DATUM  | PUNKT | DJUP |
|                       |                 |           |                         |                |                | 005063                      | 080215 | 5     | 8m   |

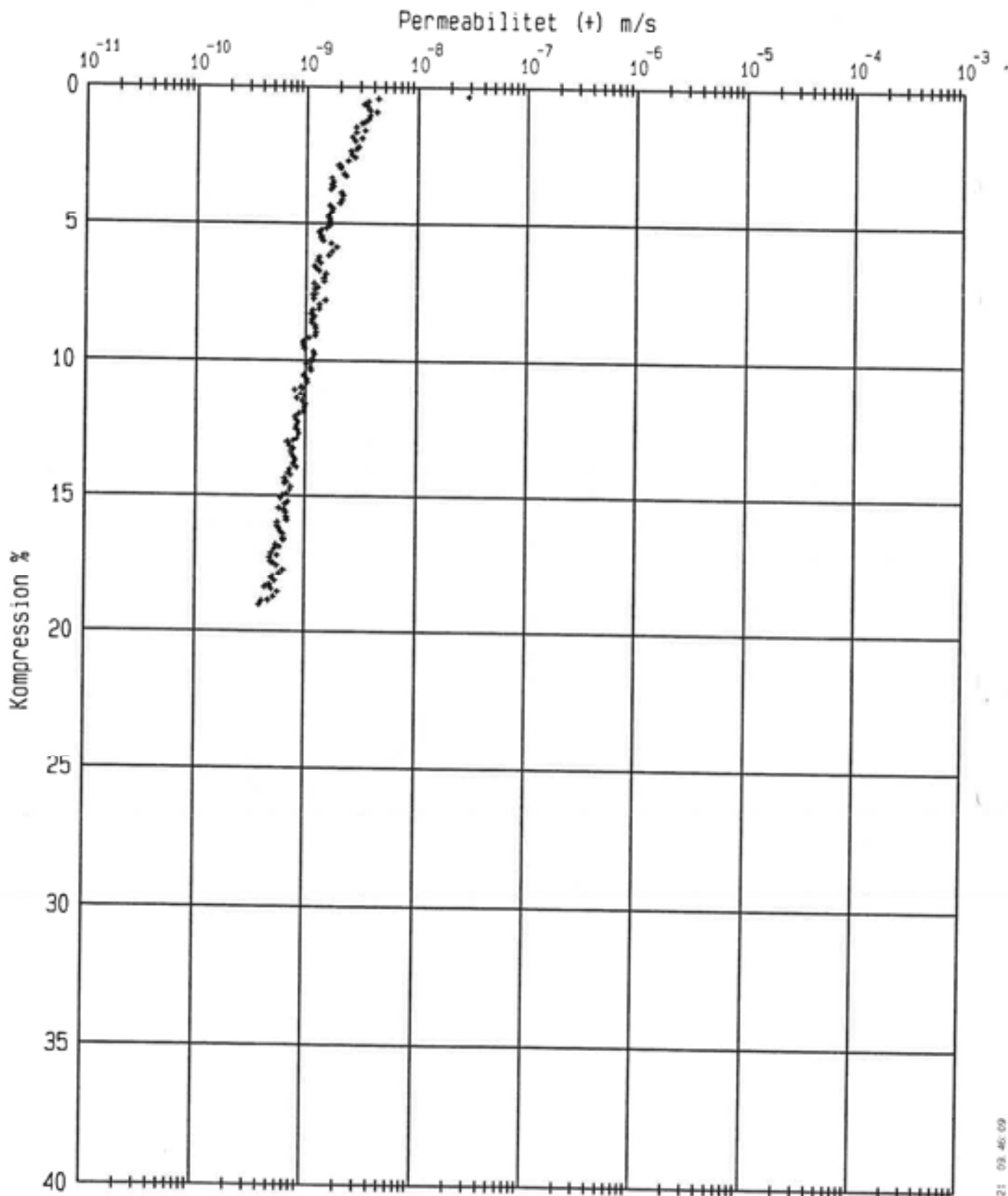


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

Punkt: 5

Djup: 8m

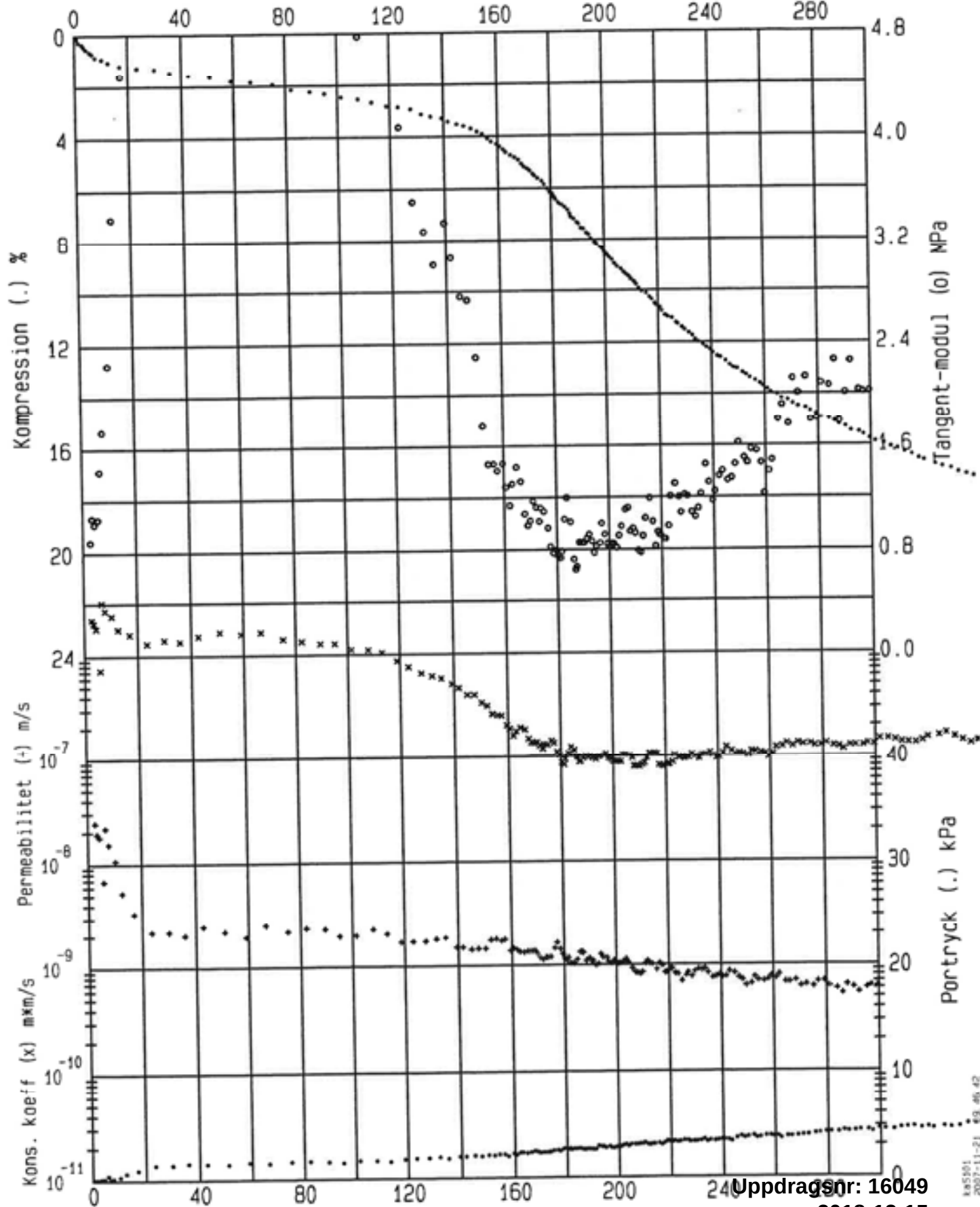


Uppdragsnr: 16049

2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|
| 0 0024                | 20              | 69        | 1.66                    |                 | 141             | Kartåsen, Lidköpings Kommun |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      |
| 51                    | 50              | 45        |                         |                 | 890             | 005063                      |
|                       |                 |           |                         |                 |                 | DATUM                       |
|                       |                 |           |                         |                 |                 | 080215                      |
|                       |                 |           |                         |                 |                 | PUNKT                       |
|                       |                 |           |                         |                 |                 | 5                           |
|                       |                 |           |                         |                 |                 | DJUP                        |
|                       |                 |           |                         |                 |                 | 10m                         |

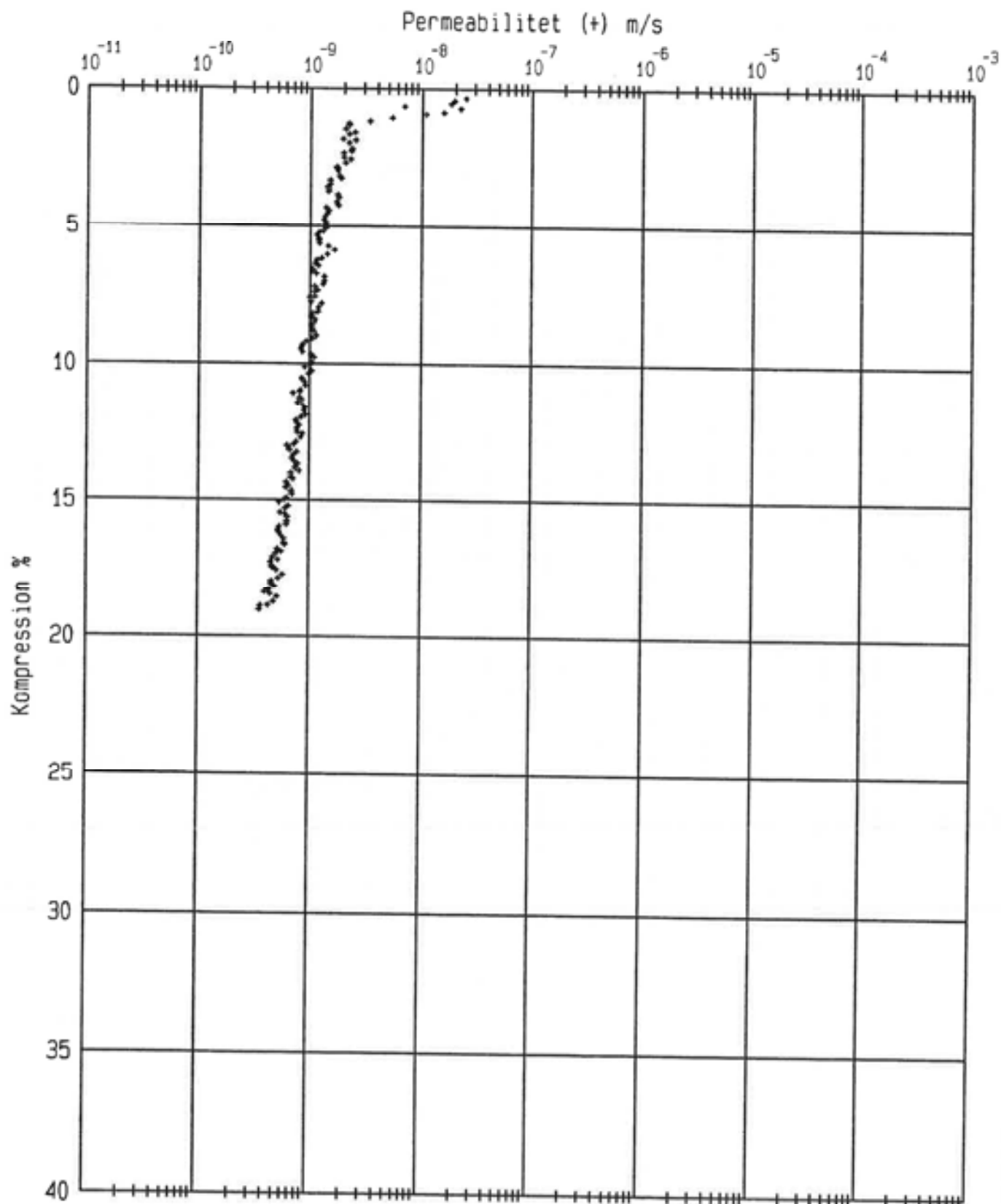
Effektivspänning kPa



Uppdragsnr: 16049

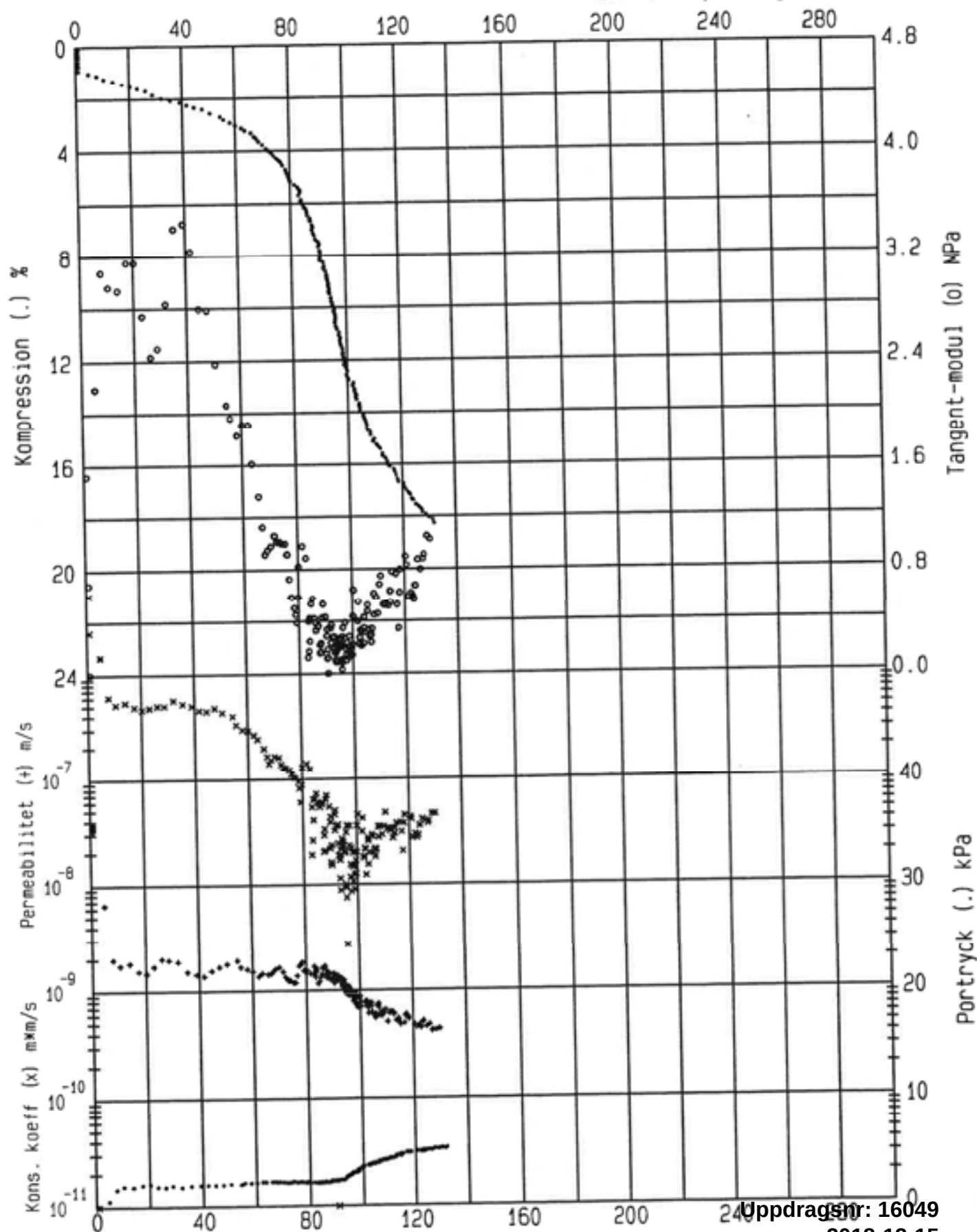
2018-12-15

Arb.nr: ~~005063~~ Arb.nr: 16049  
Datum: 080215  
Punkt: 5  
Djup: 10m



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 74        | 1.57                    |                 | 64              | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | M <sup>1</sup>  | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 2                     | 50              | 57        |                         |                 | 230             | 005063                      | 080215 | 7     | 4m   |

Effektivspänning kPa

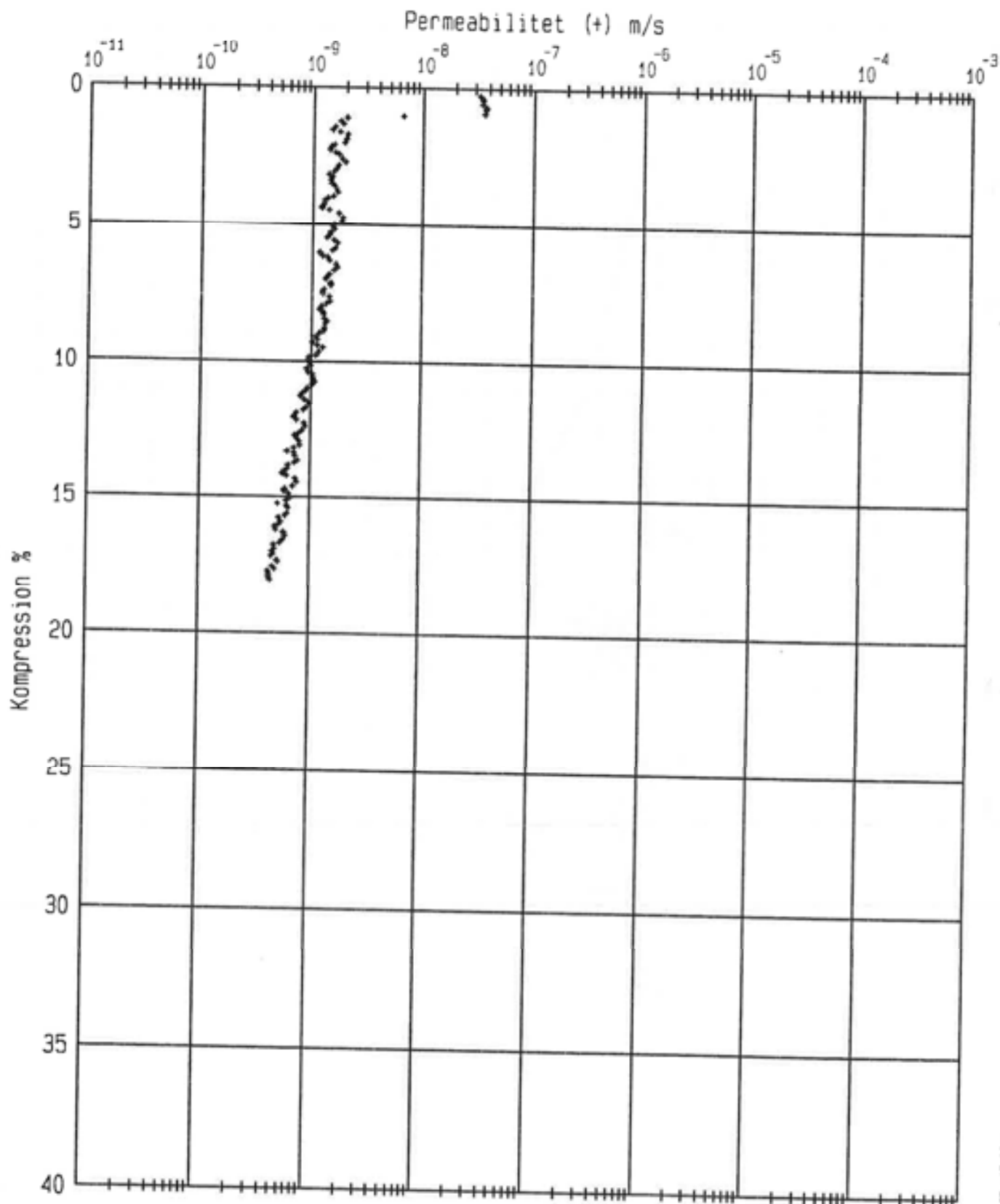


Arb.nr: ~~U05063~~ Arb.nr:16049

Datum: 080215

Punkt: 7

Djup: 4m



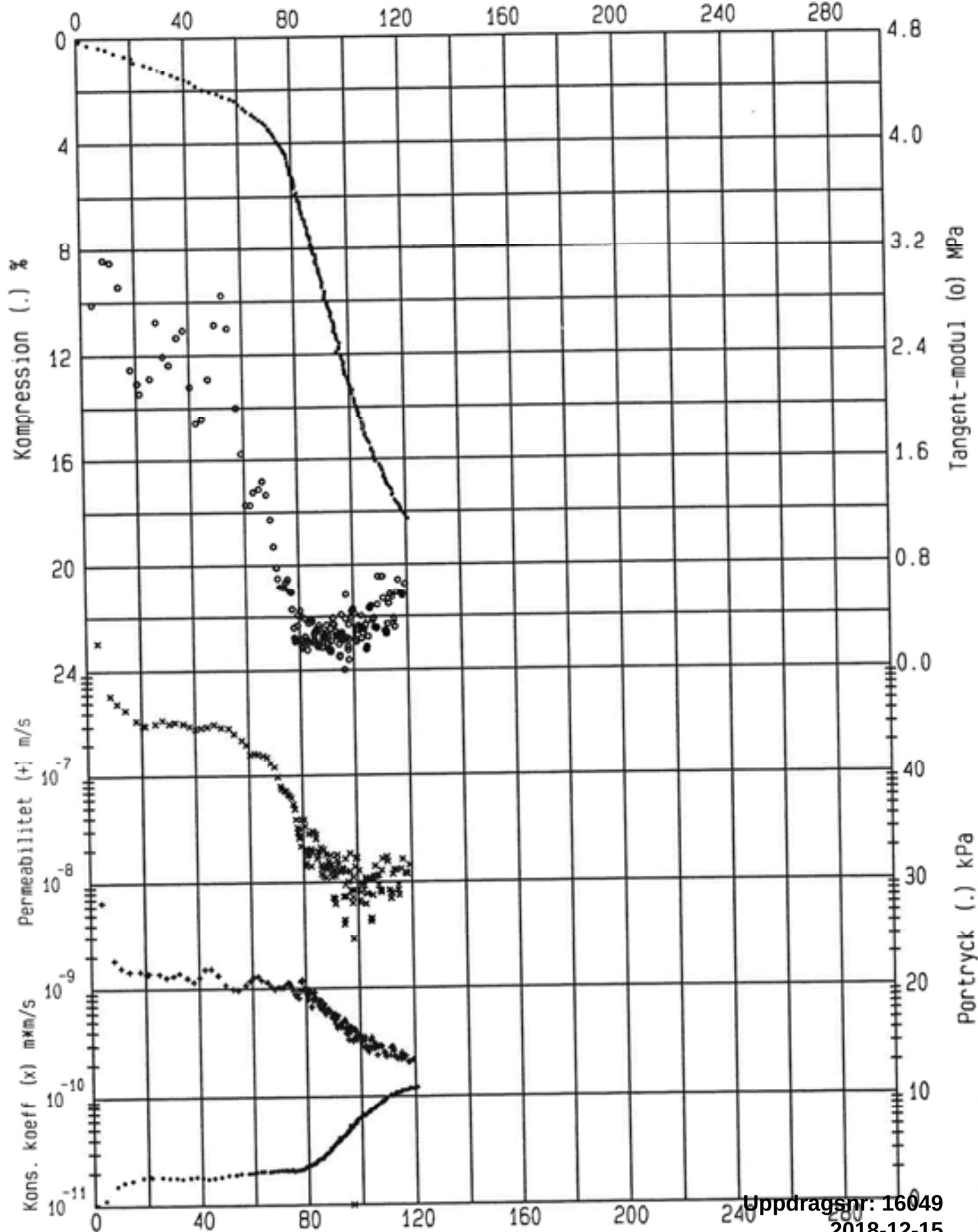
Uppdragsnr: 16049

2018-12-15



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 91        | 1.50                    |                 | 66              | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 51                    | 50              | 73        |                         |                 | 240             | 005063                      | 080215 | 7     | 5m   |

Effektivspänning kPa

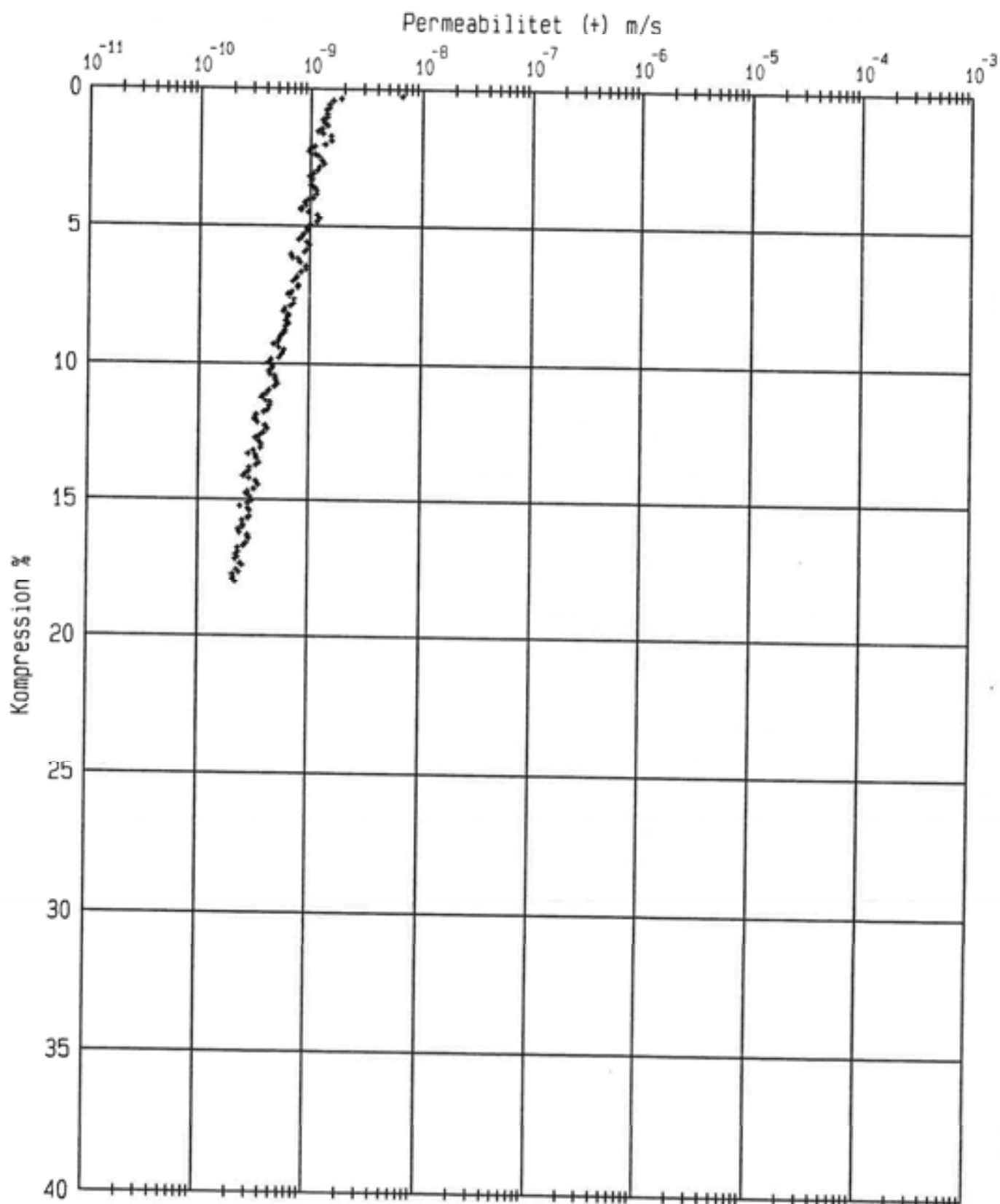


Arb.nr: ~~U05063~~ Arb.nr:16049

Datum:080215

Punkt: 7

Djup: 5m

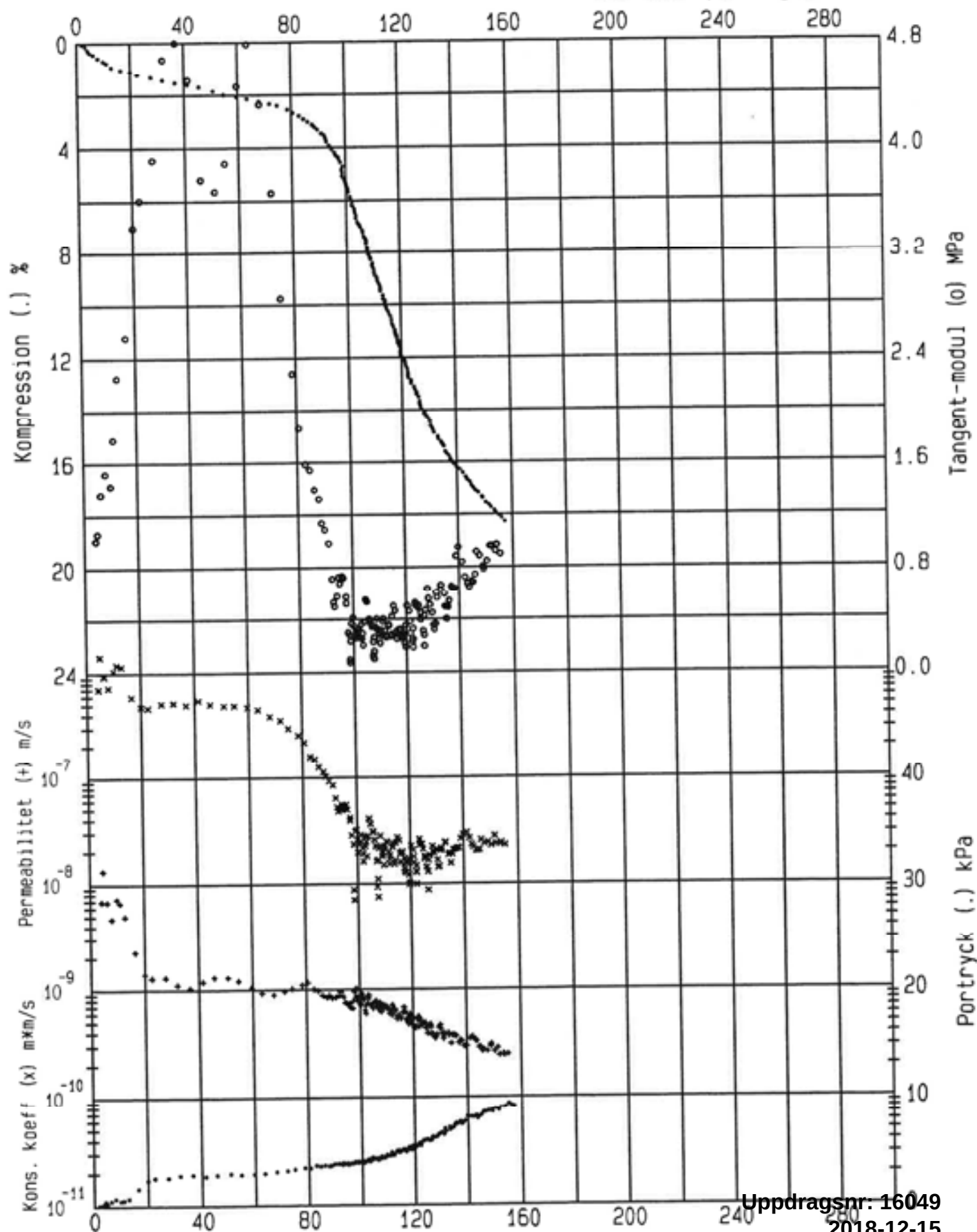


Uppdragsnr: 16049  
2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma_C$ kPa | PROJEKT                      |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|----------------|----------------|------------------------------|--------|-------|------|
| 0.0024                | 20              | 71        | 1.61                    |                | 81             | Kartåsen, Likdköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$          | $M_L$ kPa      | ARB.NR                       | DATUM  | PUNKT | DJUP |
| JJ                    | 50              | 52        |                         |                | 310            | U05063                       | 080215 | 7     | 6m   |

Arb.nr:16049

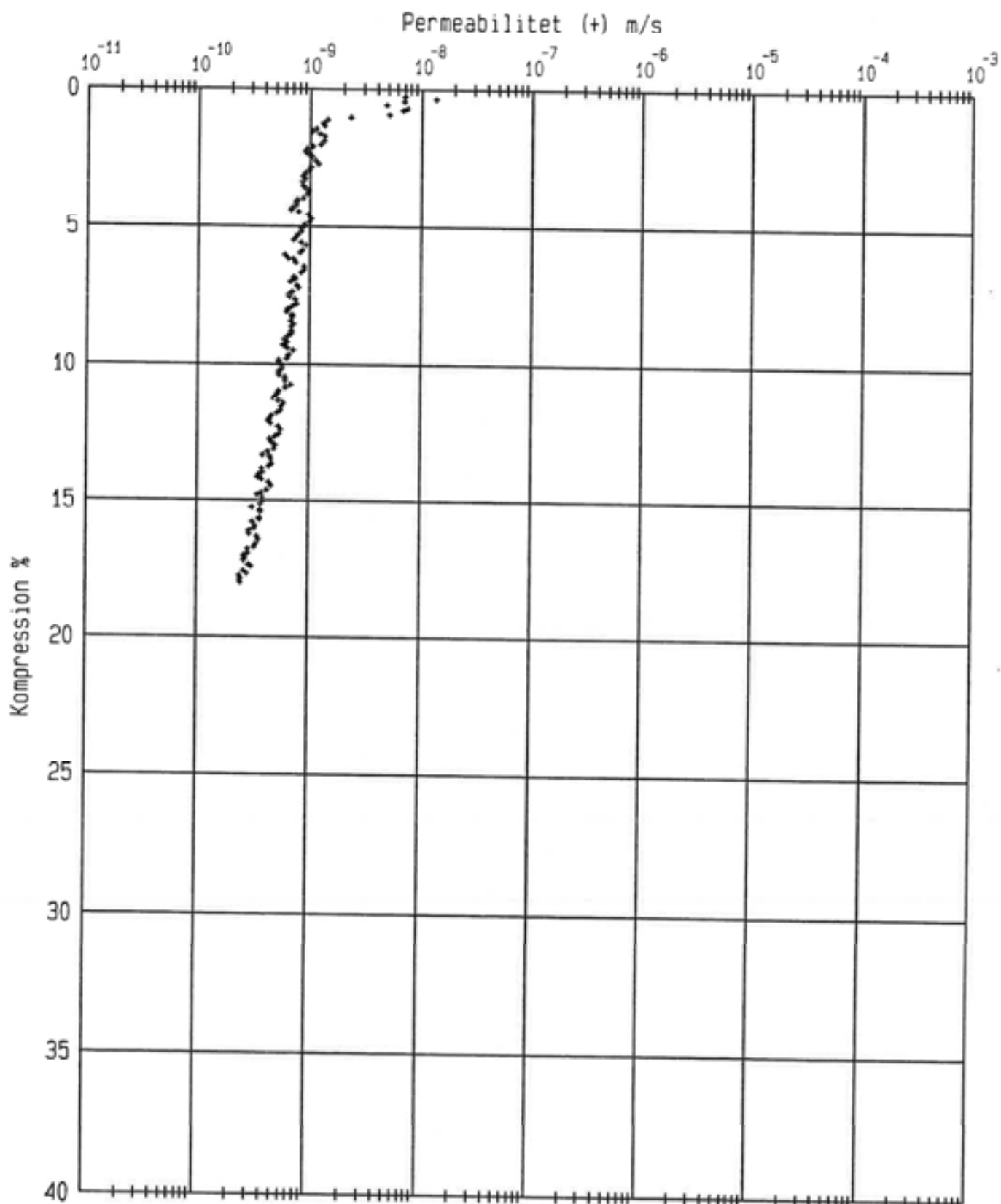
Effektivspänning kPa



Uppdragsnr: 16049

2018-12-15

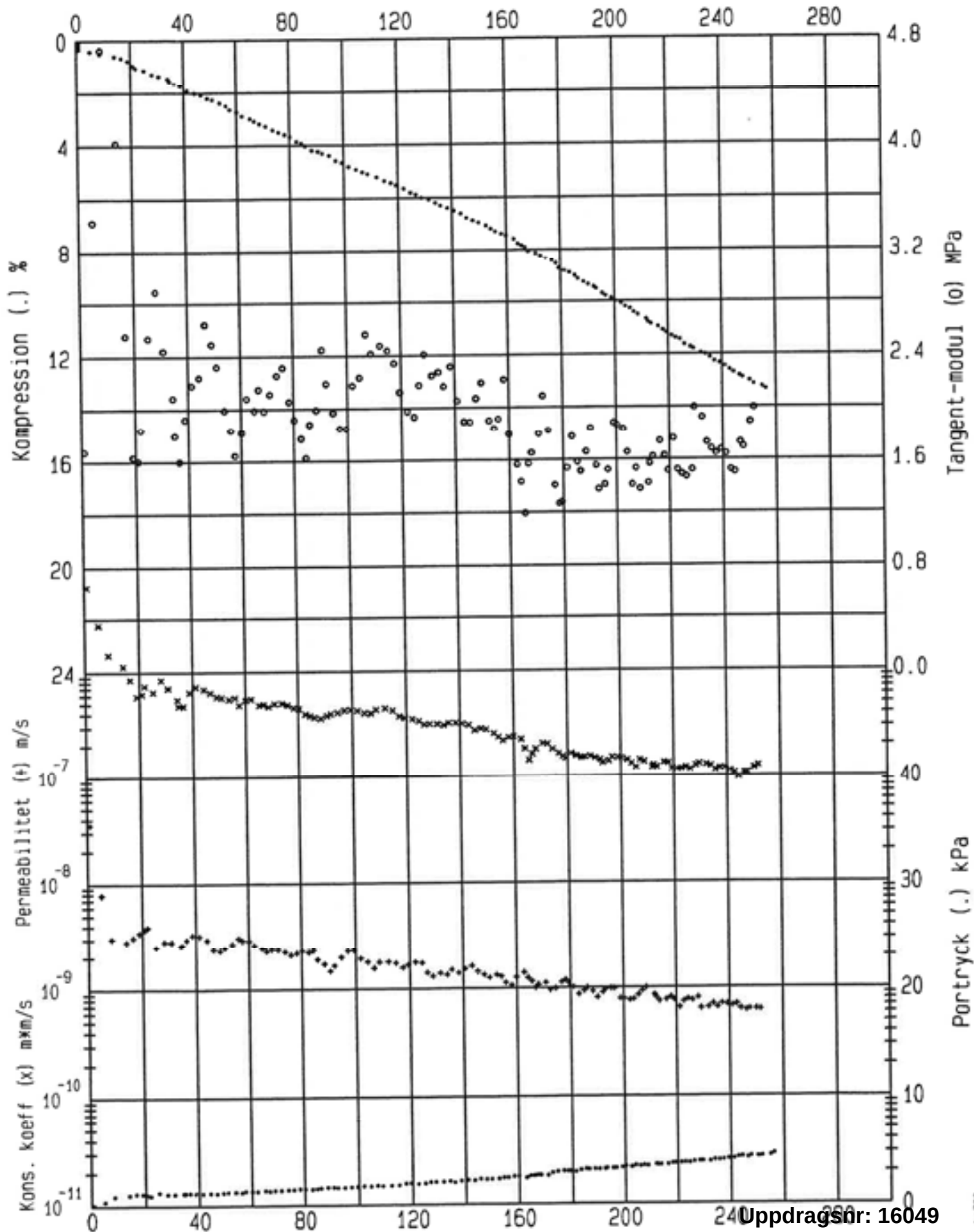
Arb.nr: ~~U-05063~~ Arb.nr: 16049  
Datum: 080215  
Punkt: 7  
Djup: 6m



Uppdragsnr: 16049  
2018-12-15

|                       |                 |           |                         |                 |                 |                             |        |            |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|------------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |            |
| 0.0024                | 20              | 51        | 1.74                    |                 | -               | Kartåsen, Lidköpings Kommun |        |            |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT      |
| JK                    | 50              | 42        |                         |                 | -               | U05063                      | 080215 | 7          |
|                       |                 |           |                         |                 |                 |                             |        | UJUP<br>8m |

Effektivspänning kPa

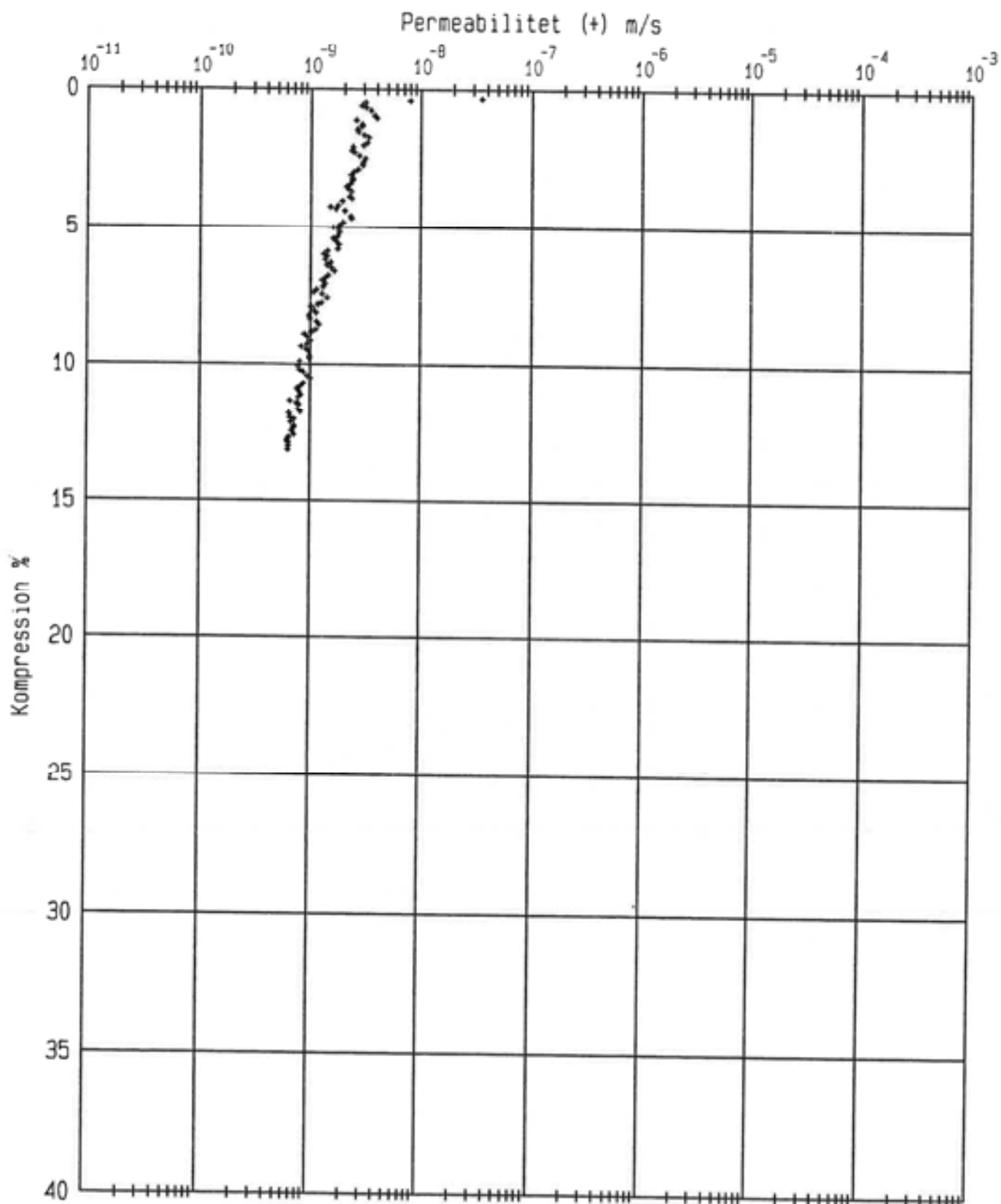


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

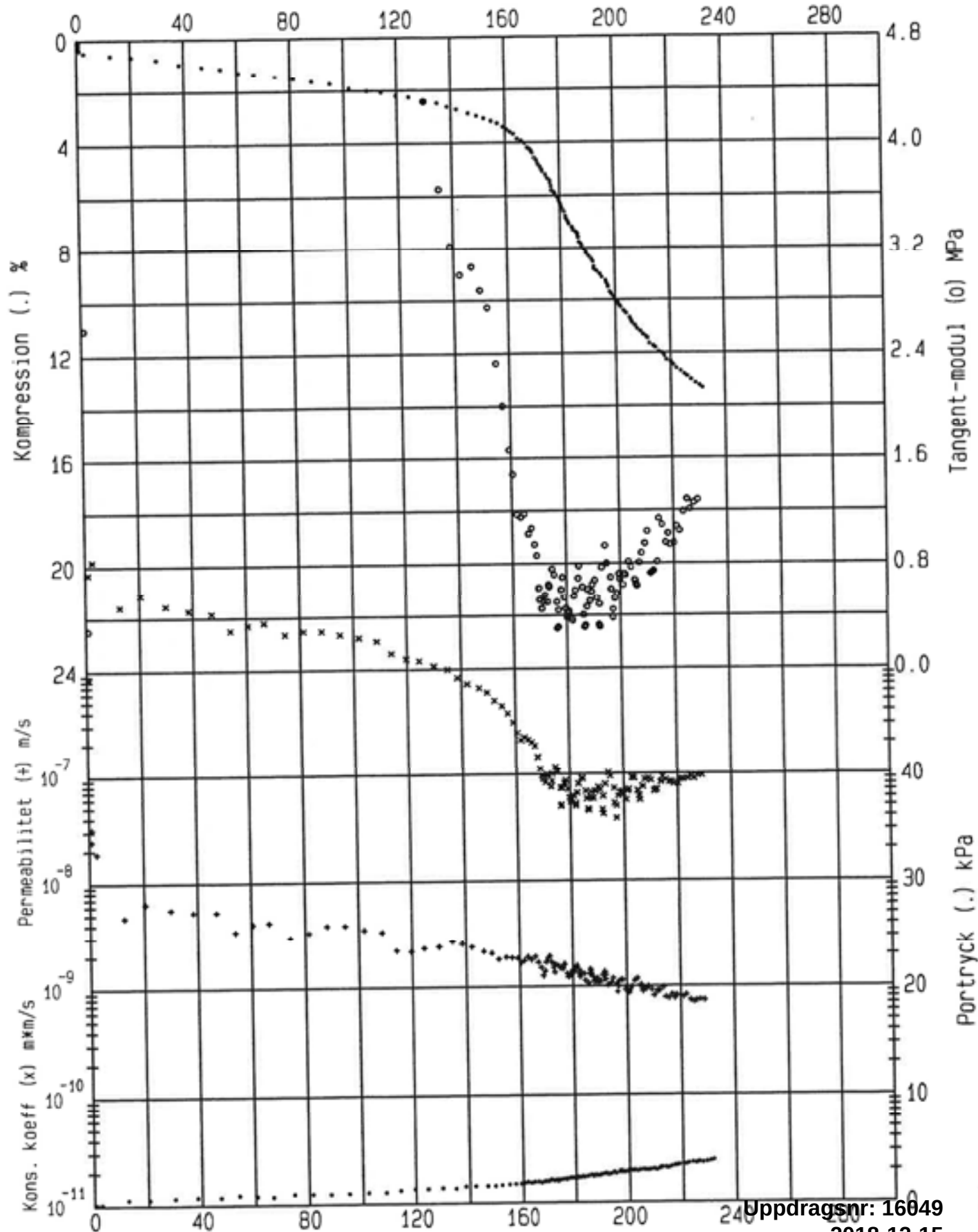
Punkt: 7

Djup: 8m



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0 0024                | 20              | 65        | 1.64                    |                 | 146             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| JK                    | 50              | 56        |                         |                 | 510             | U05063                      | 080215 | 7     | 10m  |

Effektivspänning kPa

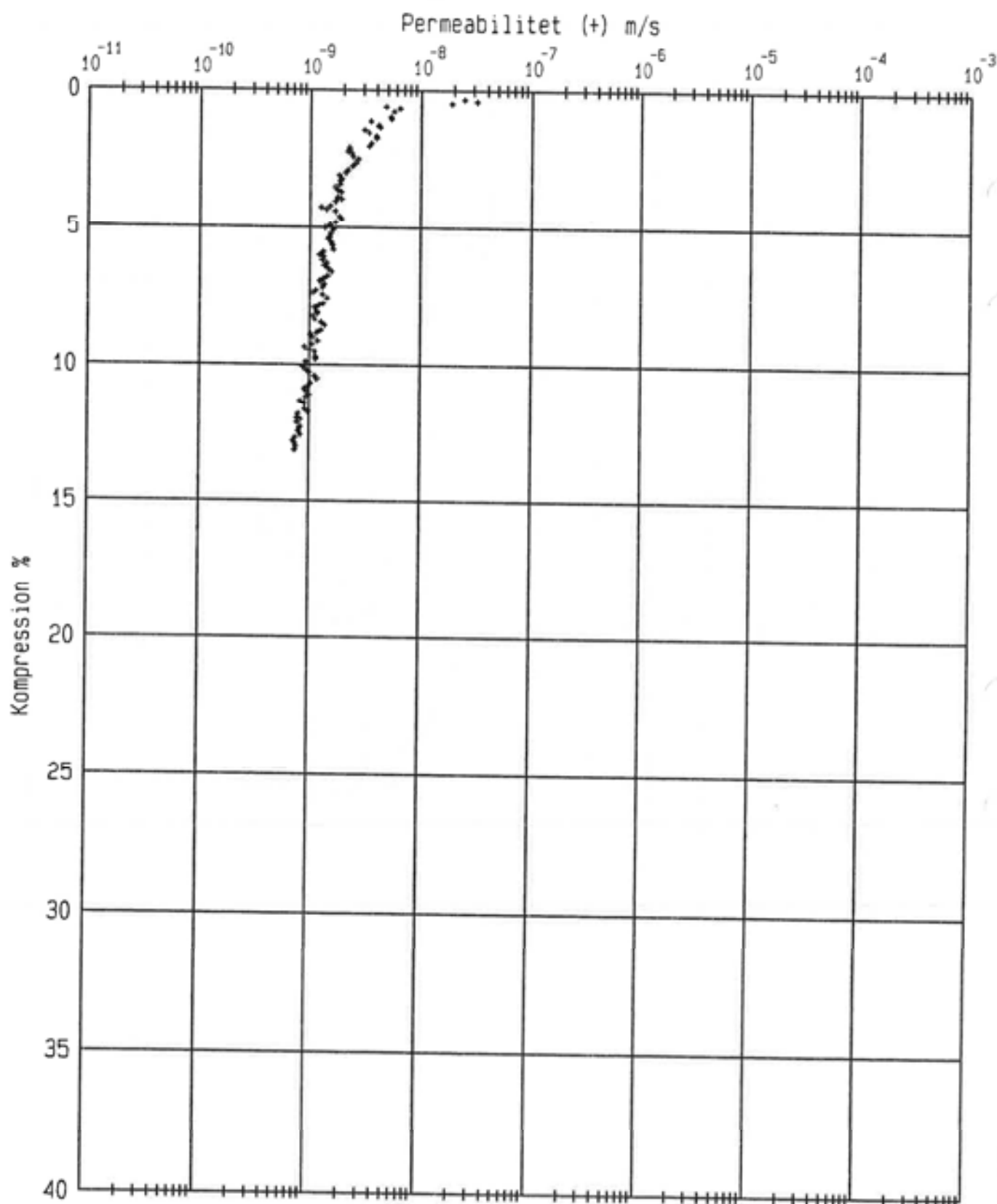


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

Punkt: 7

Djup: 10



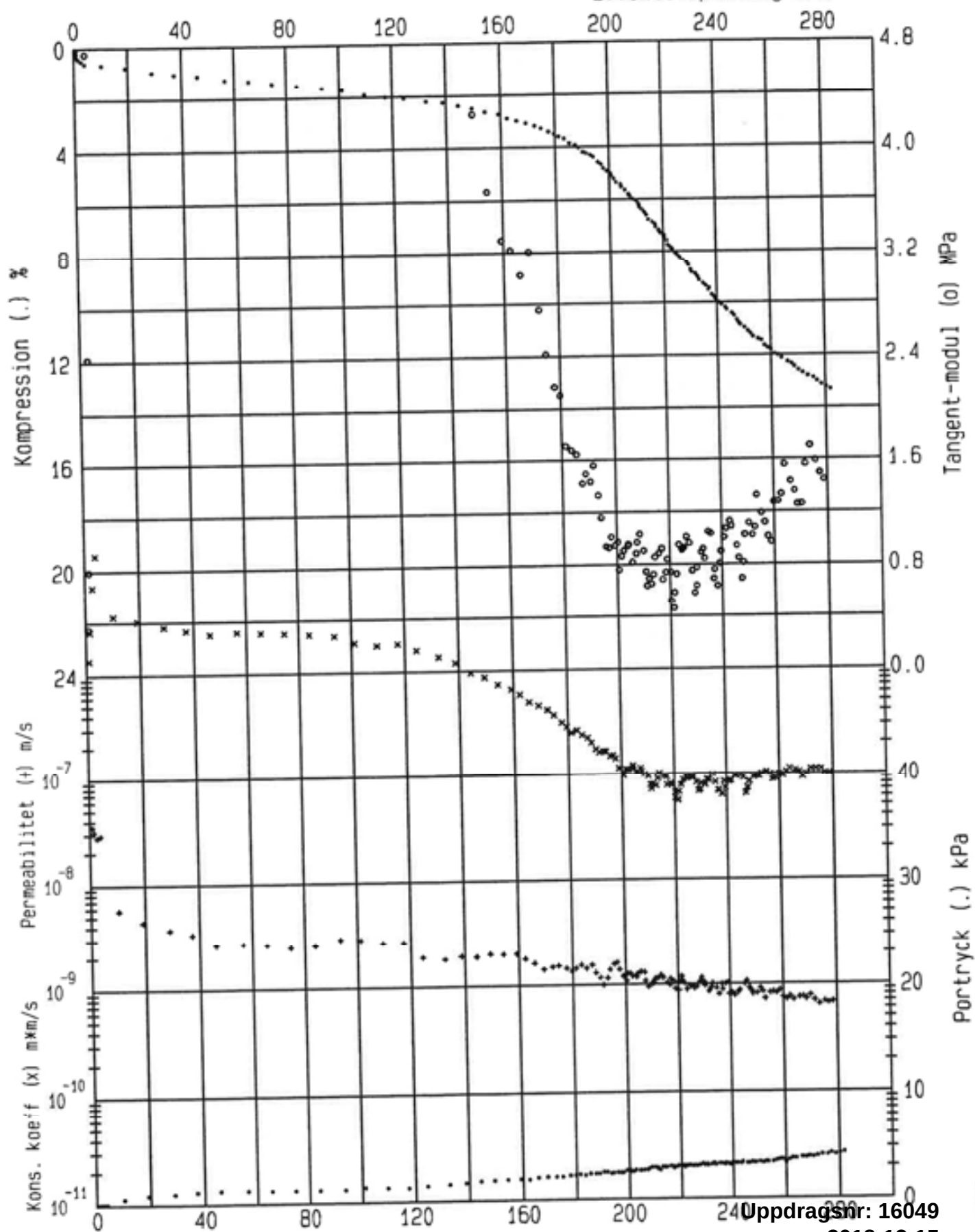
Uppdragsnr: 16049

2018-12-15



|                       |                 |           |                           |                 |                 |                             |        |       |      |
|-----------------------|-----------------|-----------|---------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\gamma$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
| 0.0024                | 20              | 63        | 1.68                      |                 | 166             | Kartåsen, Lidköpings Kommun |        |       |      |
|                       |                 |           |                           |                 |                 | Arb.nr: 16049               |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s   | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| JK                    | 50              | 48        |                           |                 | 780             | 005063                      | 080215 | 7     | 12   |

Effektivspänning kPa

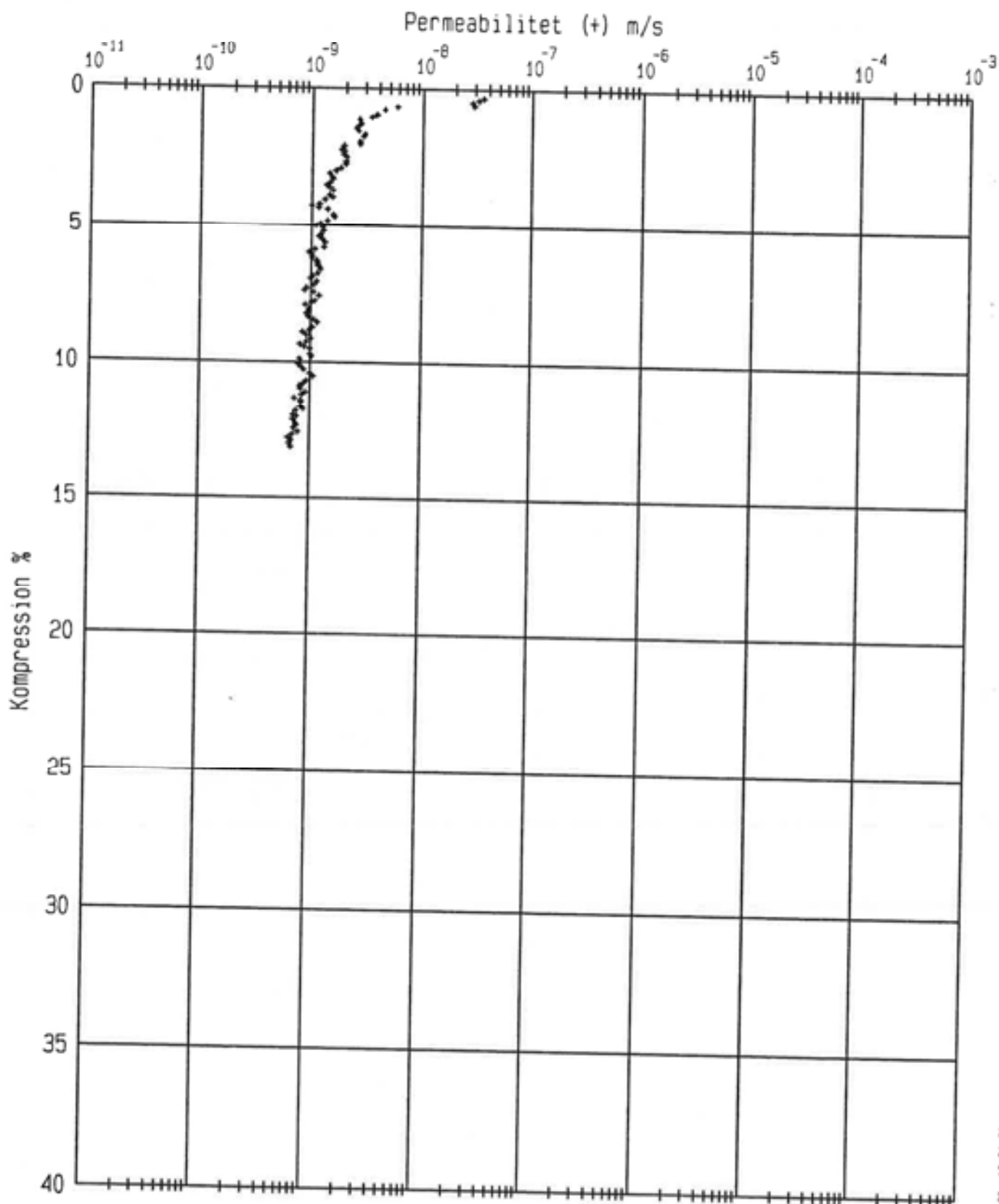


Arb.nr: ~~U05063~~ Arb.nr:16049

Datum: 080215

Punkt: 7

Djup: 12



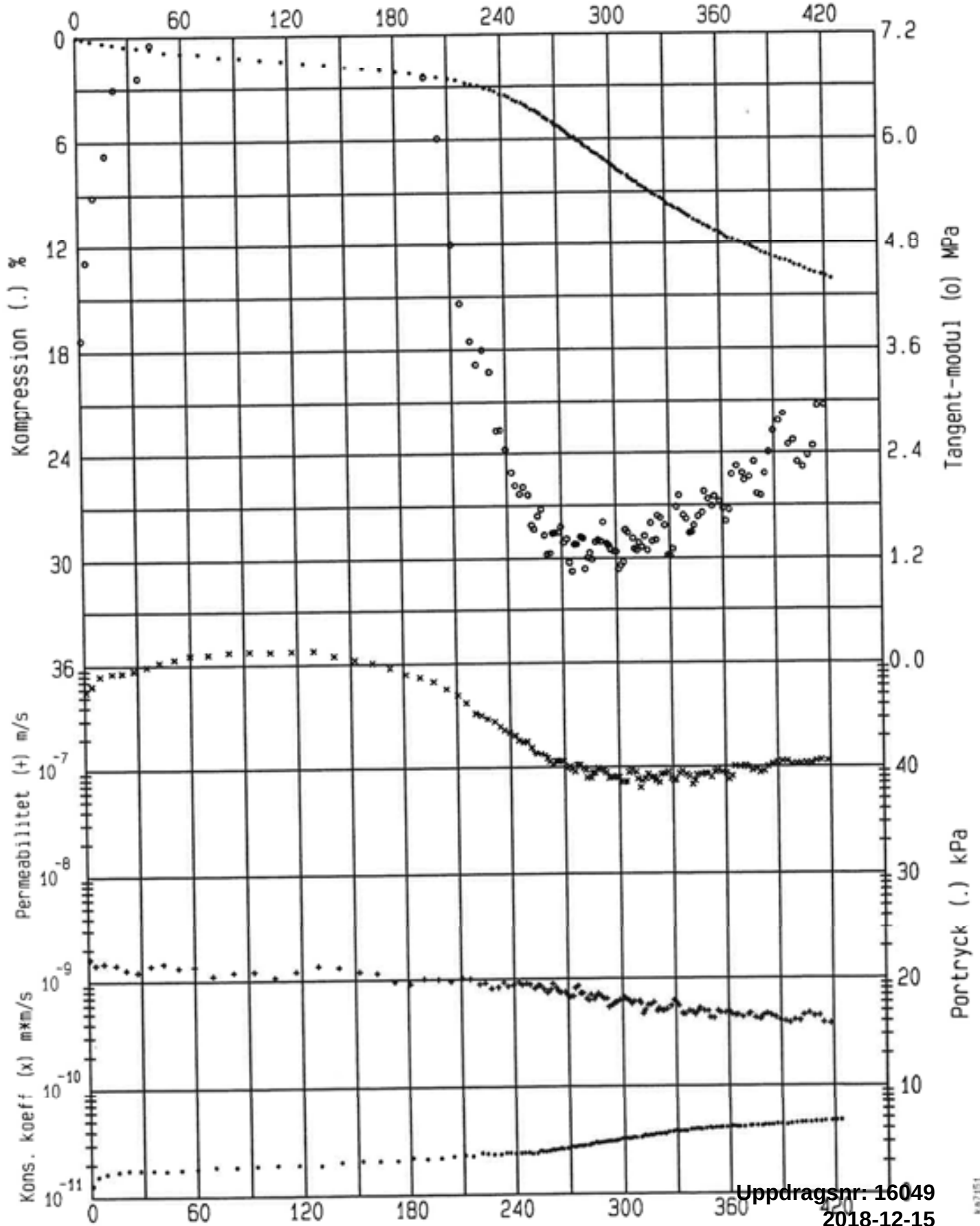
Uppdragsnr: 16049

2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|----------------|----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 59        | 1.67                    |                | 220            | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$          | $M_L$ kPa      | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 55                    | 50              | 49        |                         |                | 1350           | U05063                      | 080215 | 7     | 15m  |

Arb.nr:16049

Effektivspänning kPa



Uppdragsnr: 16049

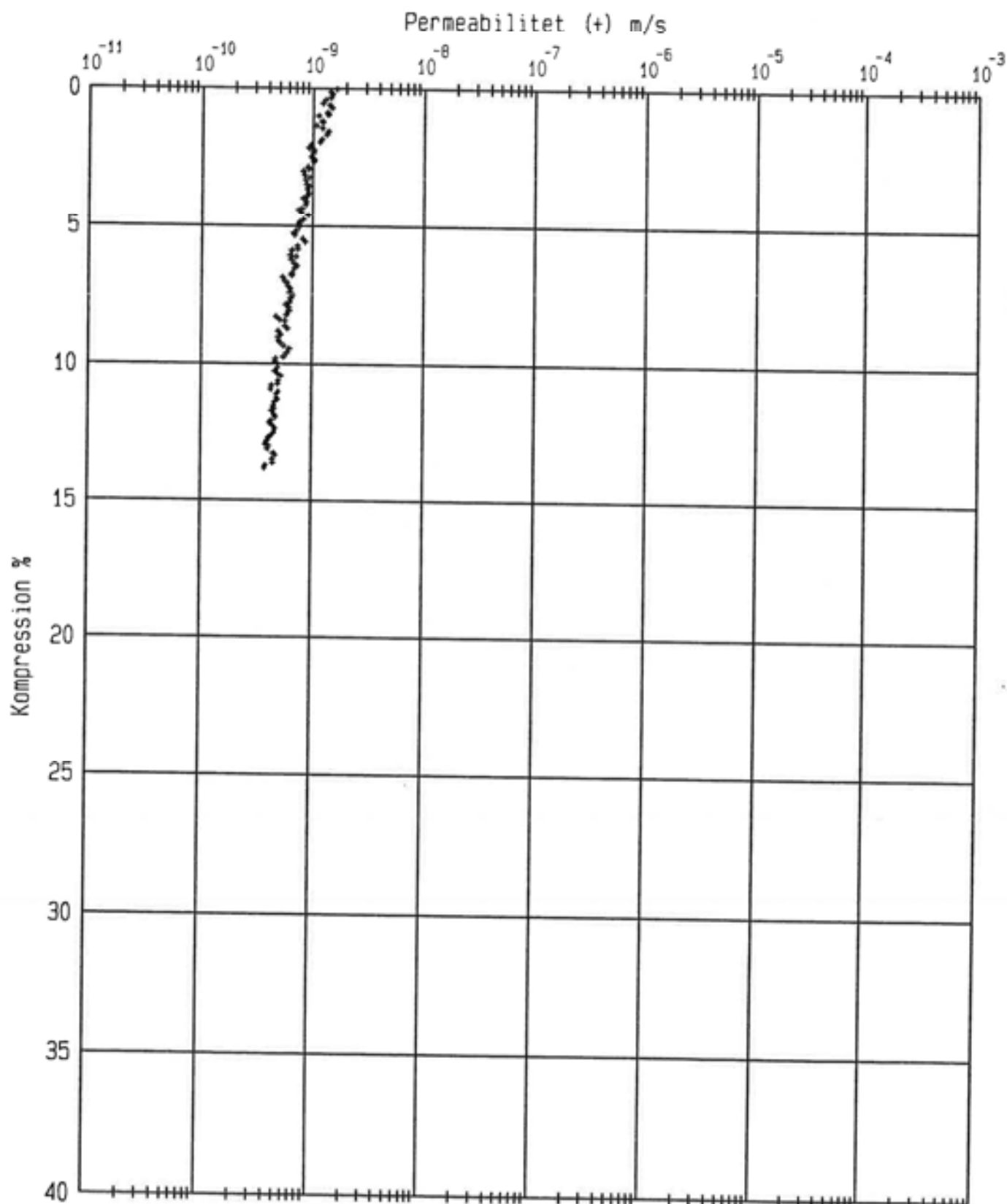
2018-12-15

Arb.nr: ~~005063~~ Arb.nr: 16049

Datum: 080215

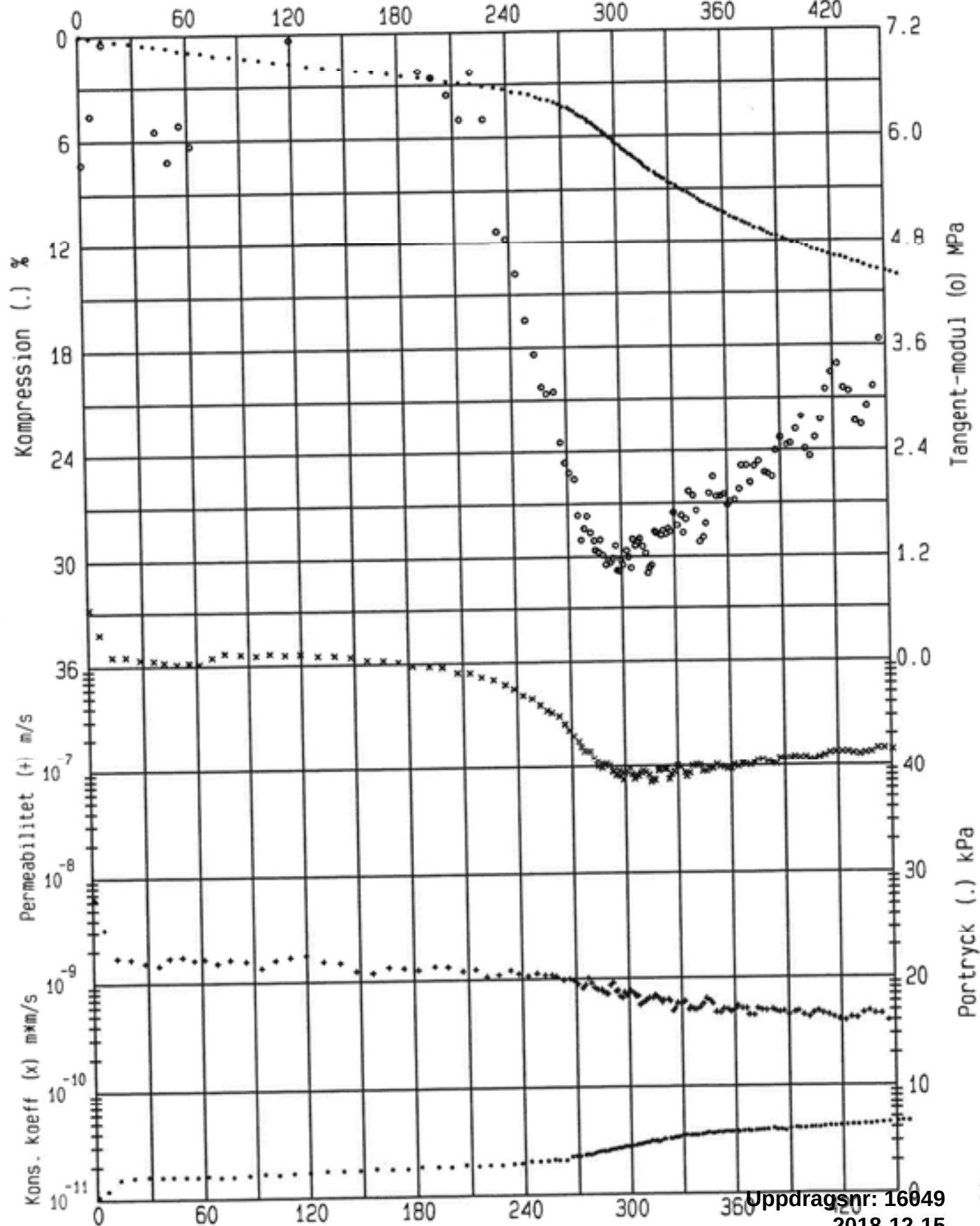
Punkt: 7

Djup: 15m

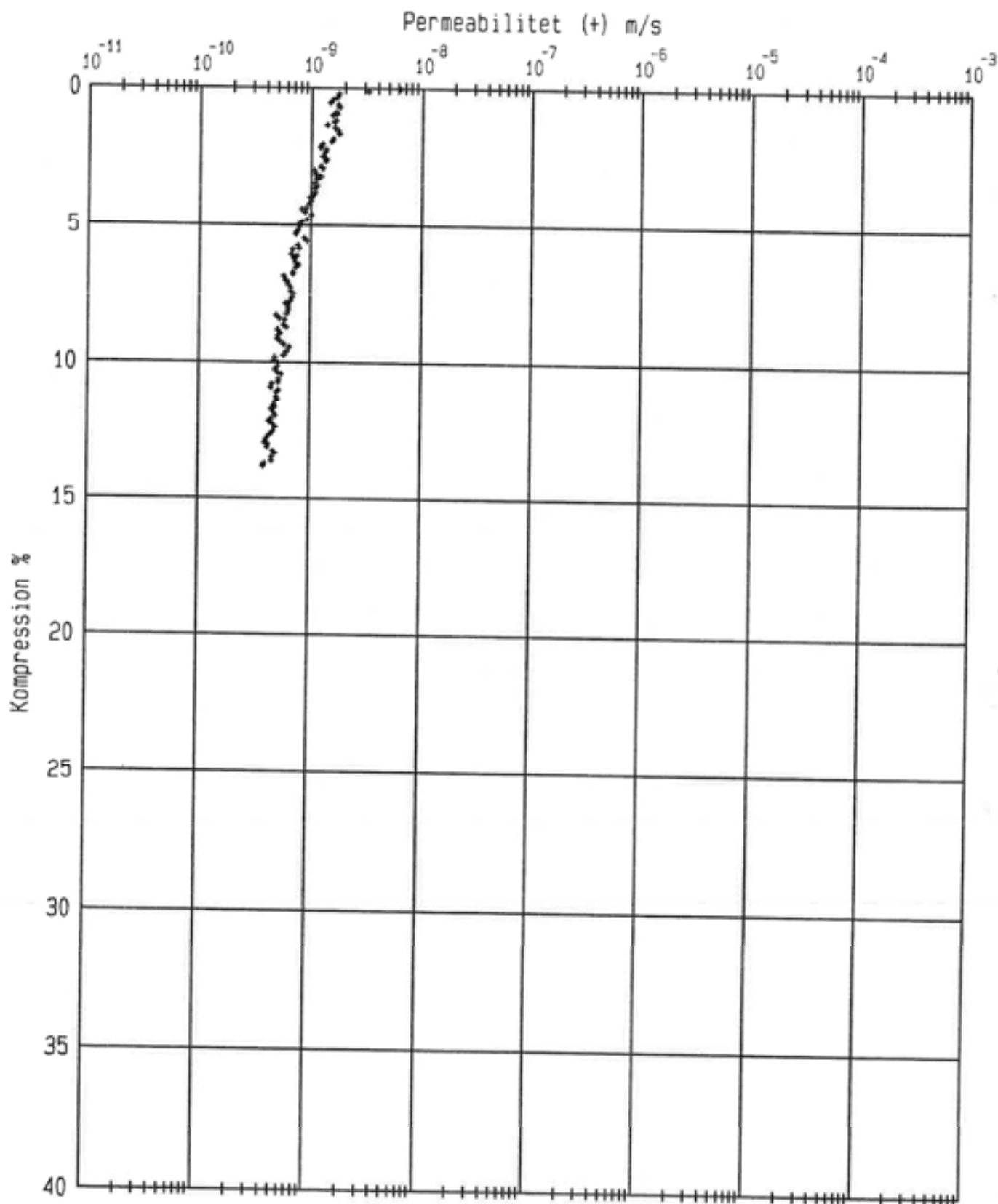


| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 54        | 1.72                    |                 | 253             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 51                    | 50              | 43        |                         |                 | 1150            | 005063                      | 080215 | 7     | 18m  |

Effektivspänning kPa



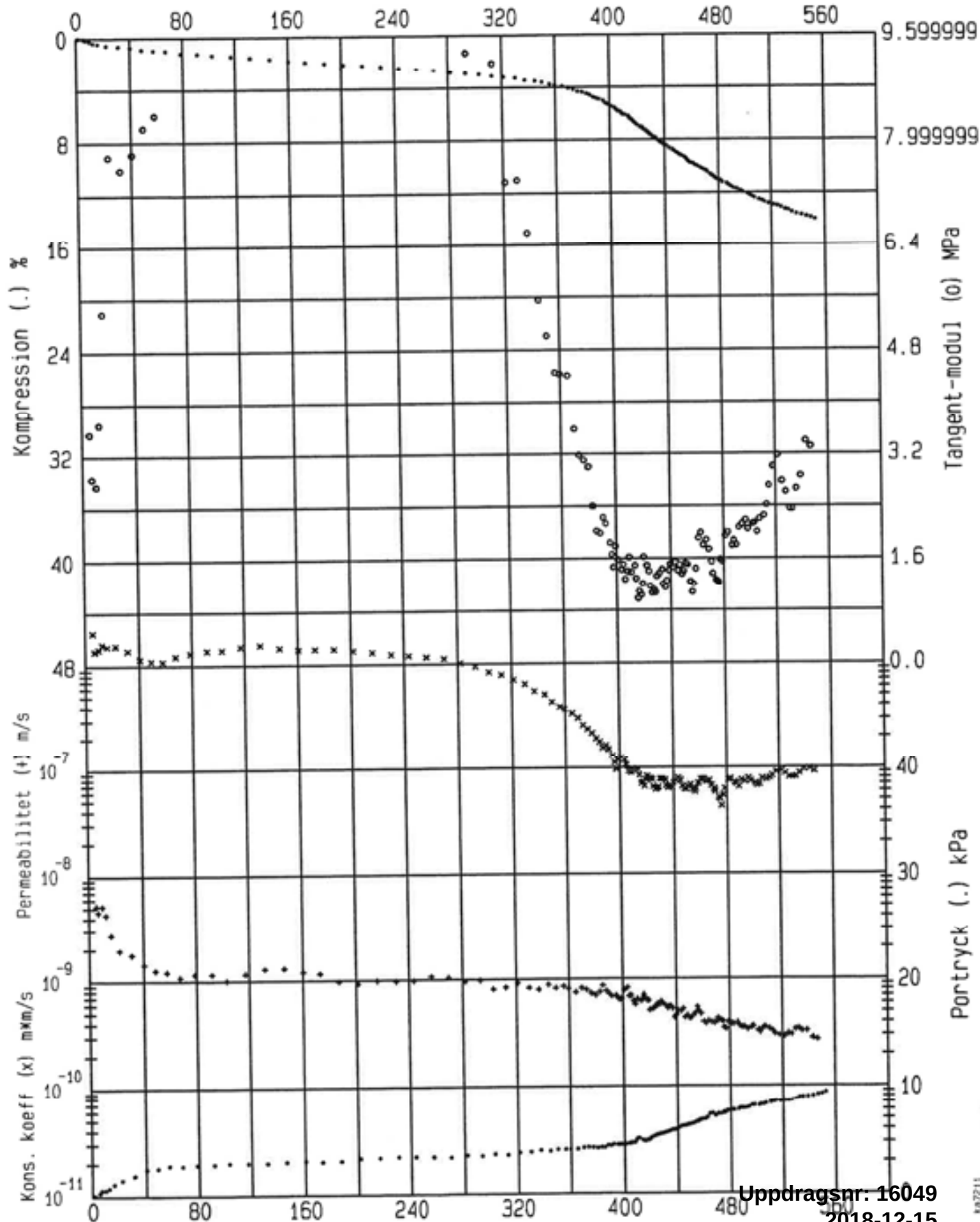
Arb.nr: ~~005063~~ Arb.nr: 16049  
Datum: 080215  
Punkt: 7  
Djup: 18m



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|
| 0.0024                | 20              | 48        | 1.75                    |                 | 360             | Kartåsen, Lidköpings Kommun |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      |
| JT                    | 50              | 41        |                         |                 | 1300            | U05063                      |
|                       |                 |           |                         |                 |                 | DATUM                       |
|                       |                 |           |                         |                 |                 | 080215                      |
|                       |                 |           |                         |                 |                 | PUNKT                       |
|                       |                 |           |                         |                 |                 | 7                           |
|                       |                 |           |                         |                 |                 | DJUP                        |
|                       |                 |           |                         |                 |                 | 21                          |

Arb.nr:16049

Effektivspänning kPa



Uppdragsnr: 16049

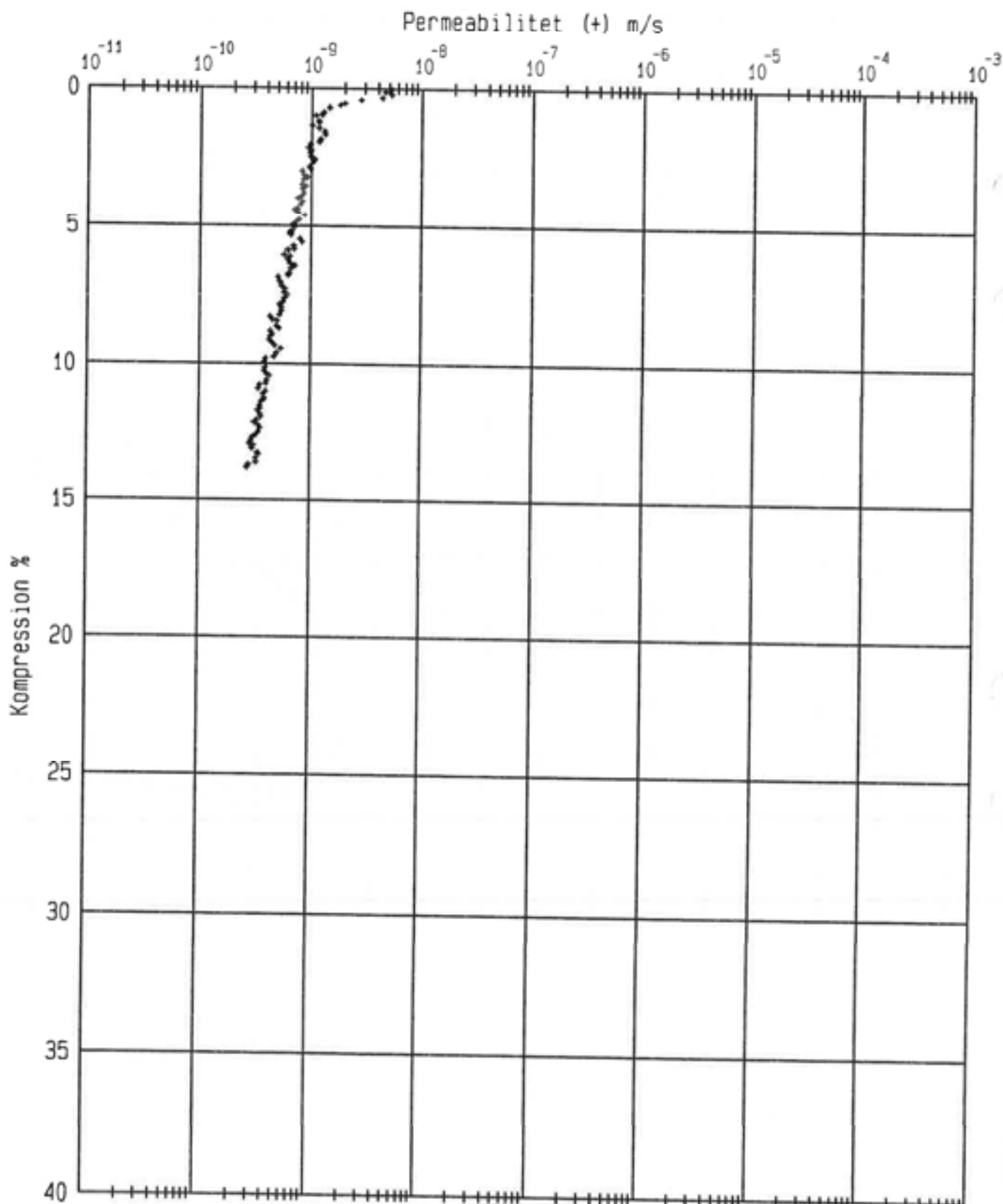
2018-12-15

Arb.nr: ~~005063~~ Arb.nr:16049

Datum: 080215

Punkt: 7

Djup: 21m

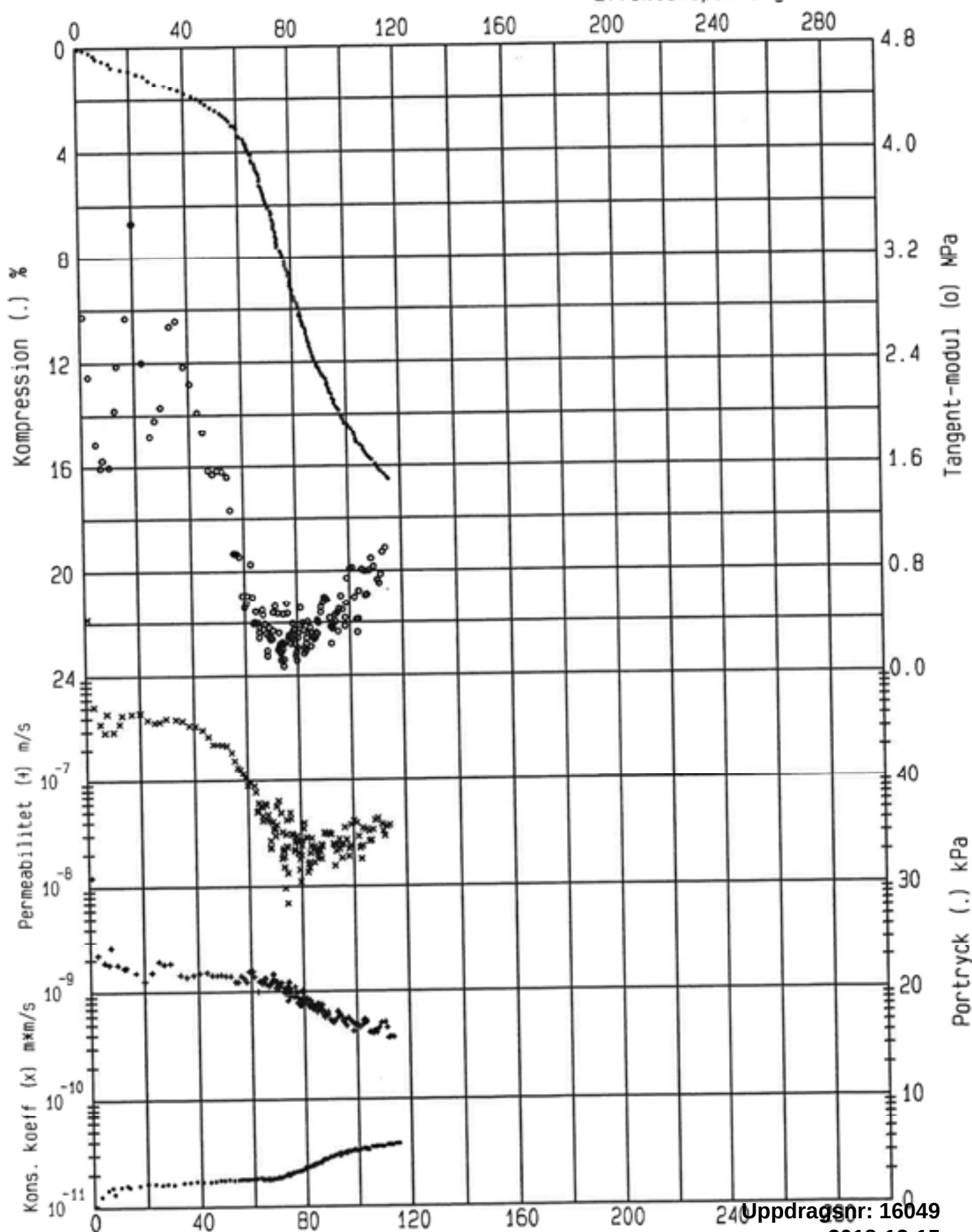




| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0 0024                | 20              | 76        | 1.58                    |                 | 54              | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_V$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 51                    | 50              | 61        |                         |                 | 280             | <del>005063</del>           | 080215 | 10    | 4m   |

Arb.nr:16049

Effektivspänning kPa

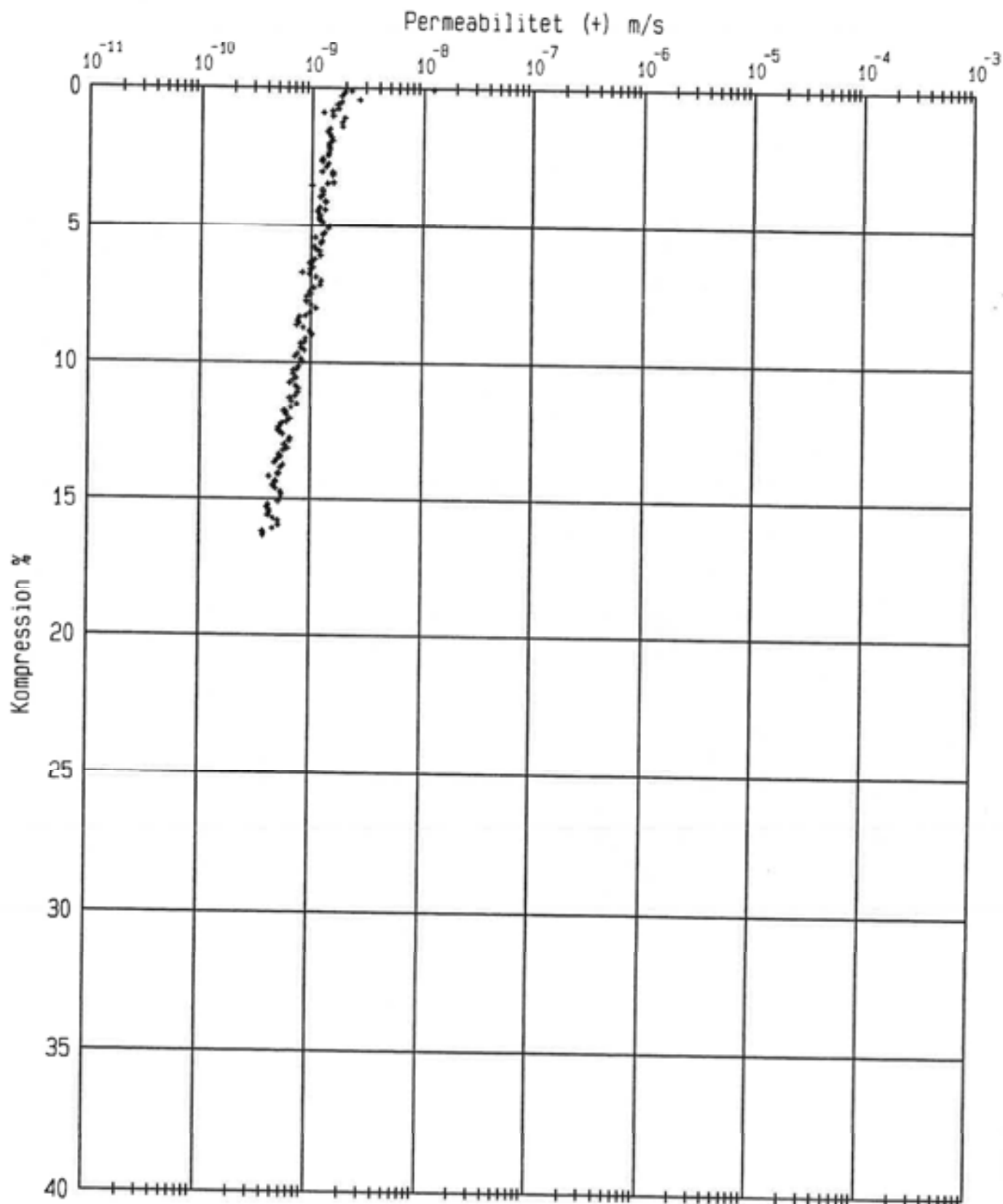


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

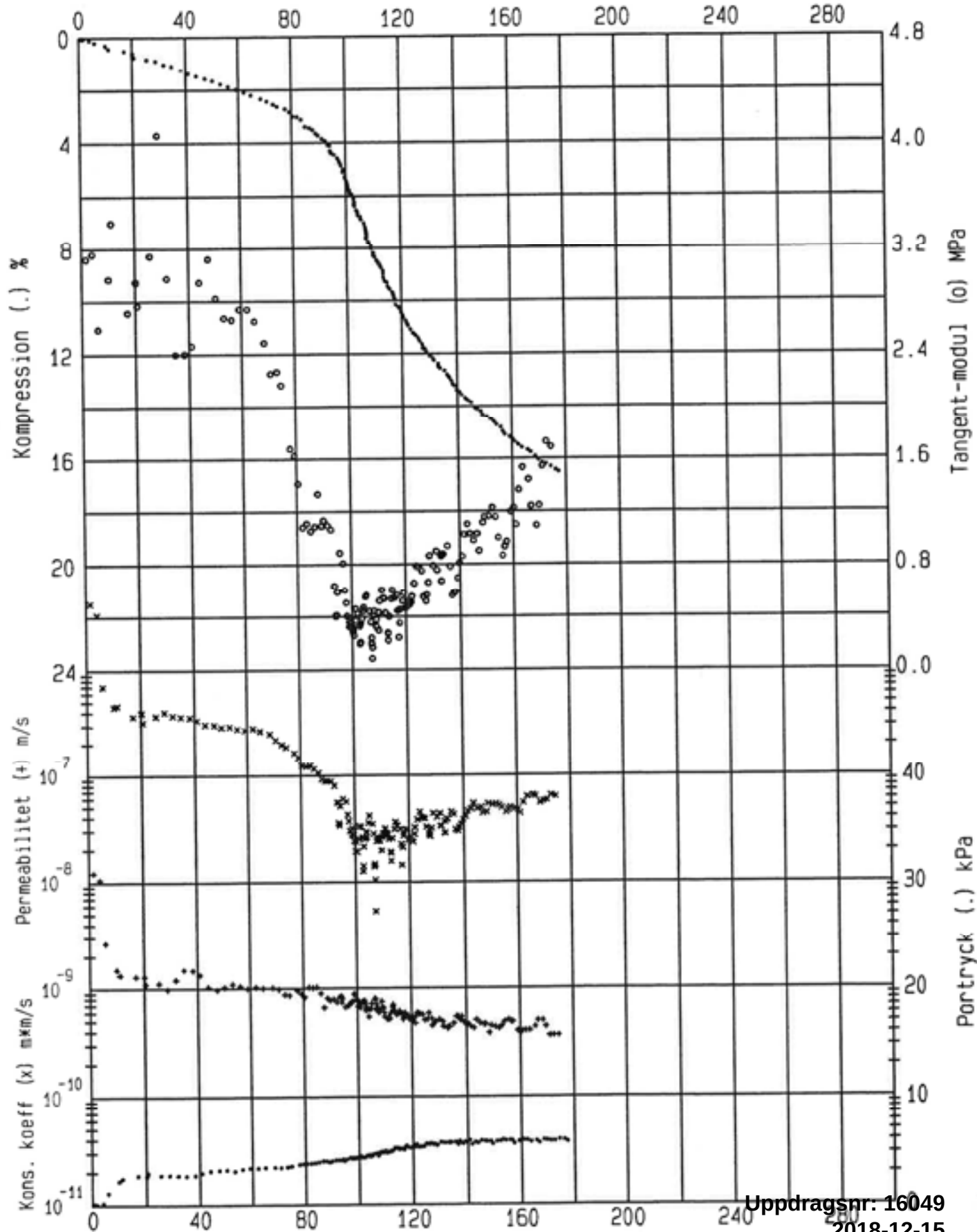
Punkt: 10

Djup: 4m

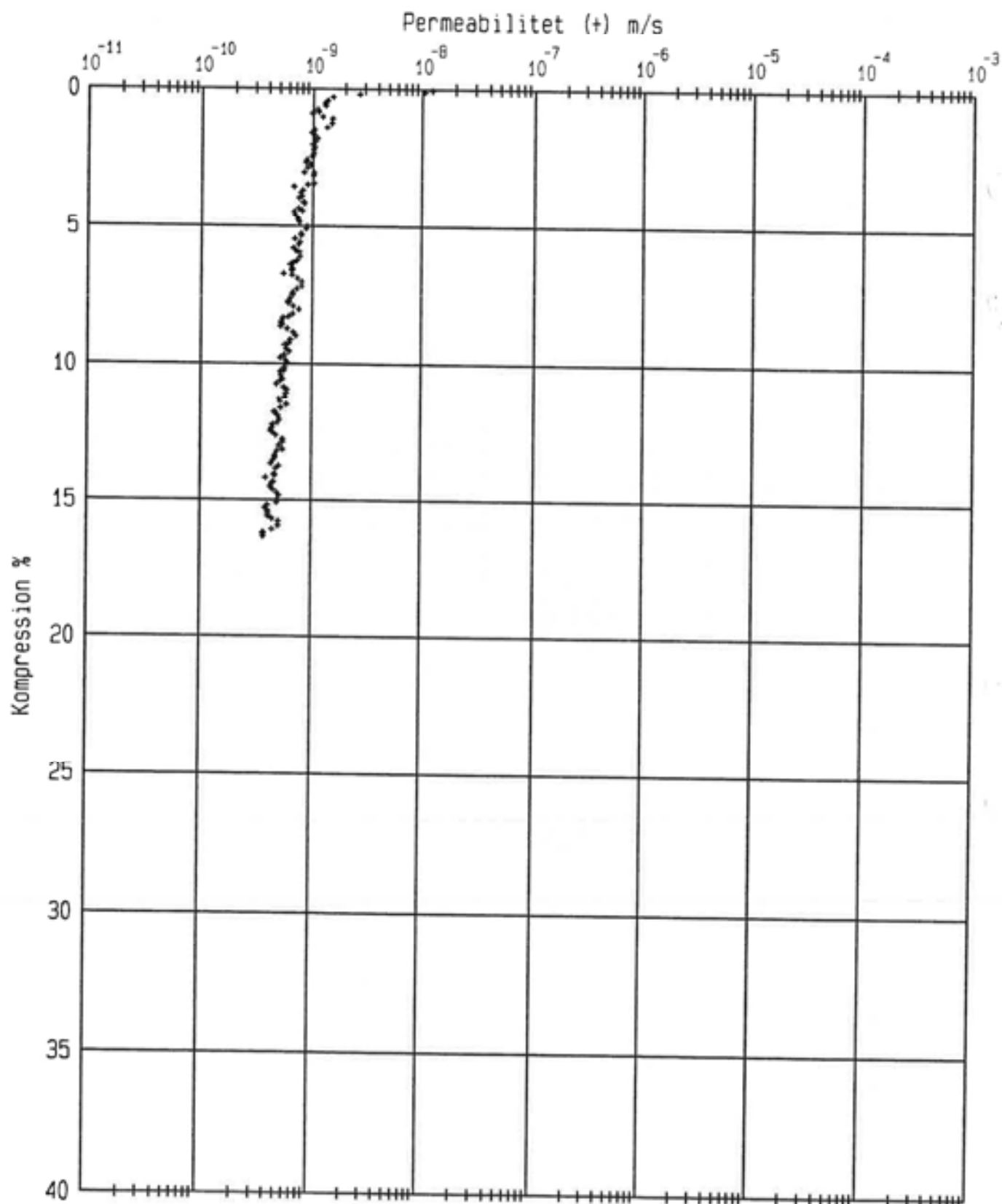
Uppdragsnr: 16049  
2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L'$ kPa | $\sigma_C'$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 67        | 1.62                    |                 | 81              | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 5                     | 50              | 56        |                         |                 | 380             | 005063                      | 080215 | 10    | 5m   |

Effektivspänning kPa



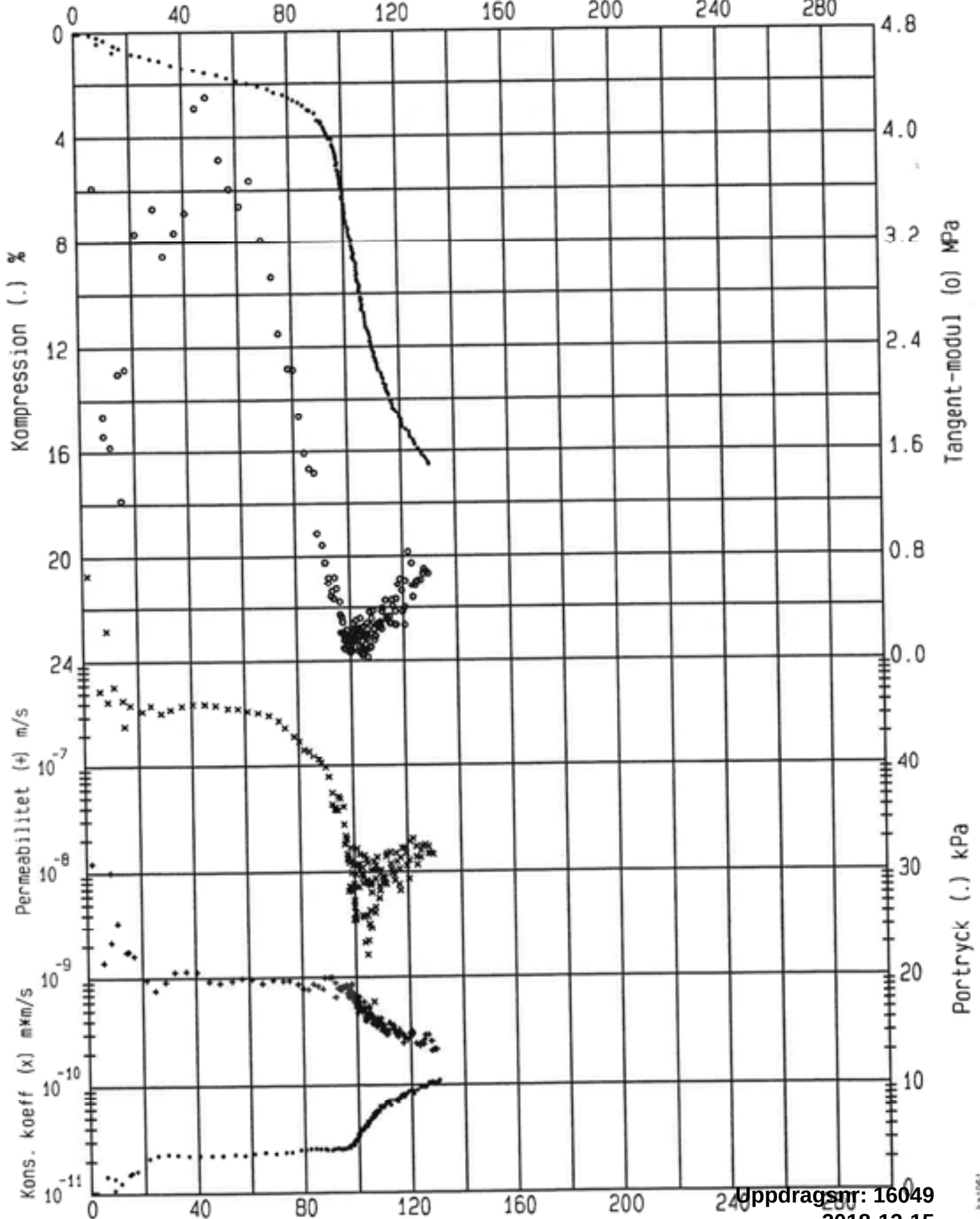
Arb.nr: ~~U05063~~ Arb.nr: 16049  
Datum: 080215  
Punkt: 10  
Djup: 5m



Uppdragsnr: 16049  
2018-12-15

| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 80        | 1.56                    |                 | 85              | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| 55                    | 50              | 66        |                         |                 | 200             | U05063                      | 080215 | 10    | 6m   |

Effektivspänning kPa



Uppdragsnr: 16049

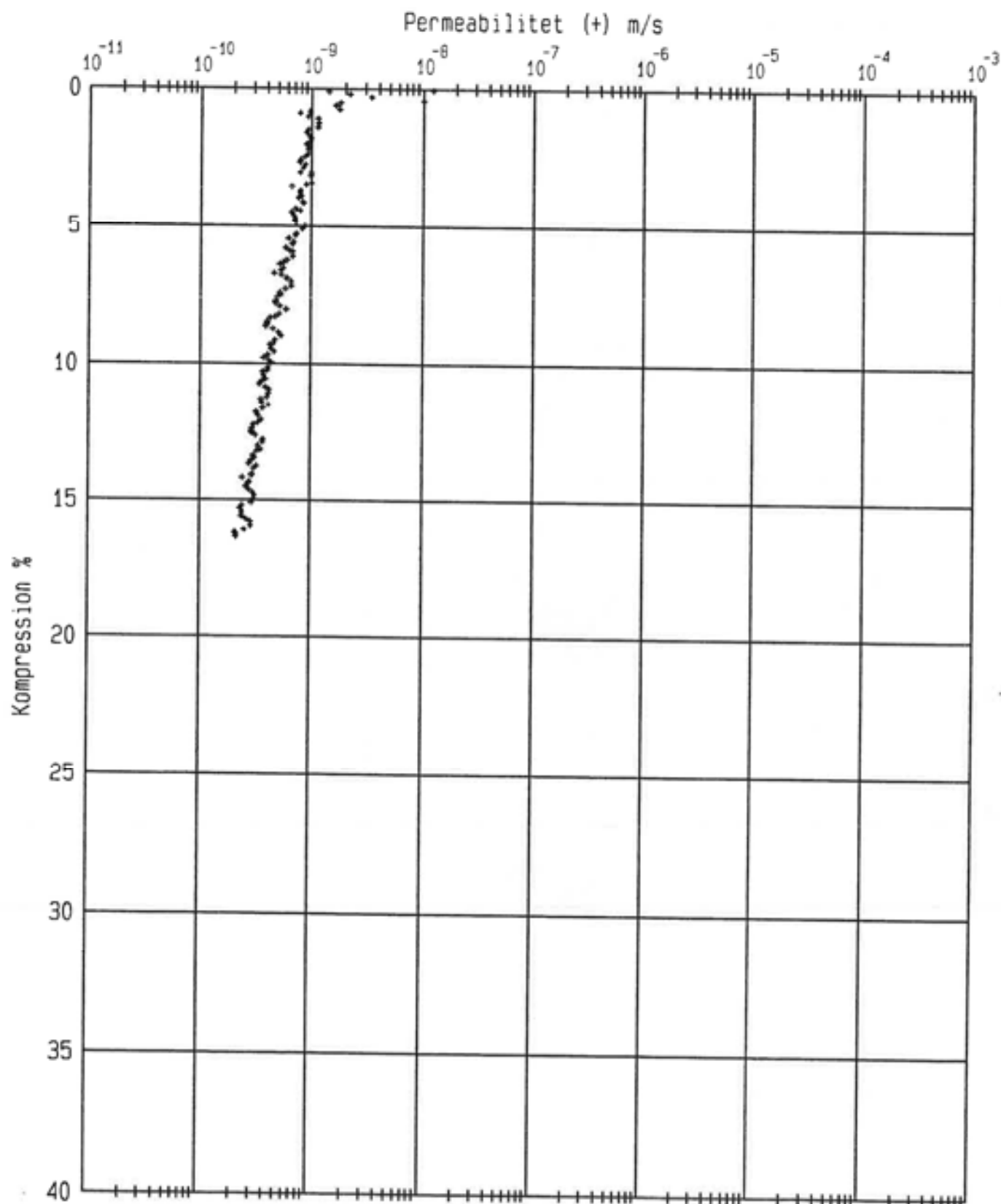
2018-12-15

Arb.nr: ~~005063~~ Arb.nr: 16049

Datum: 080215

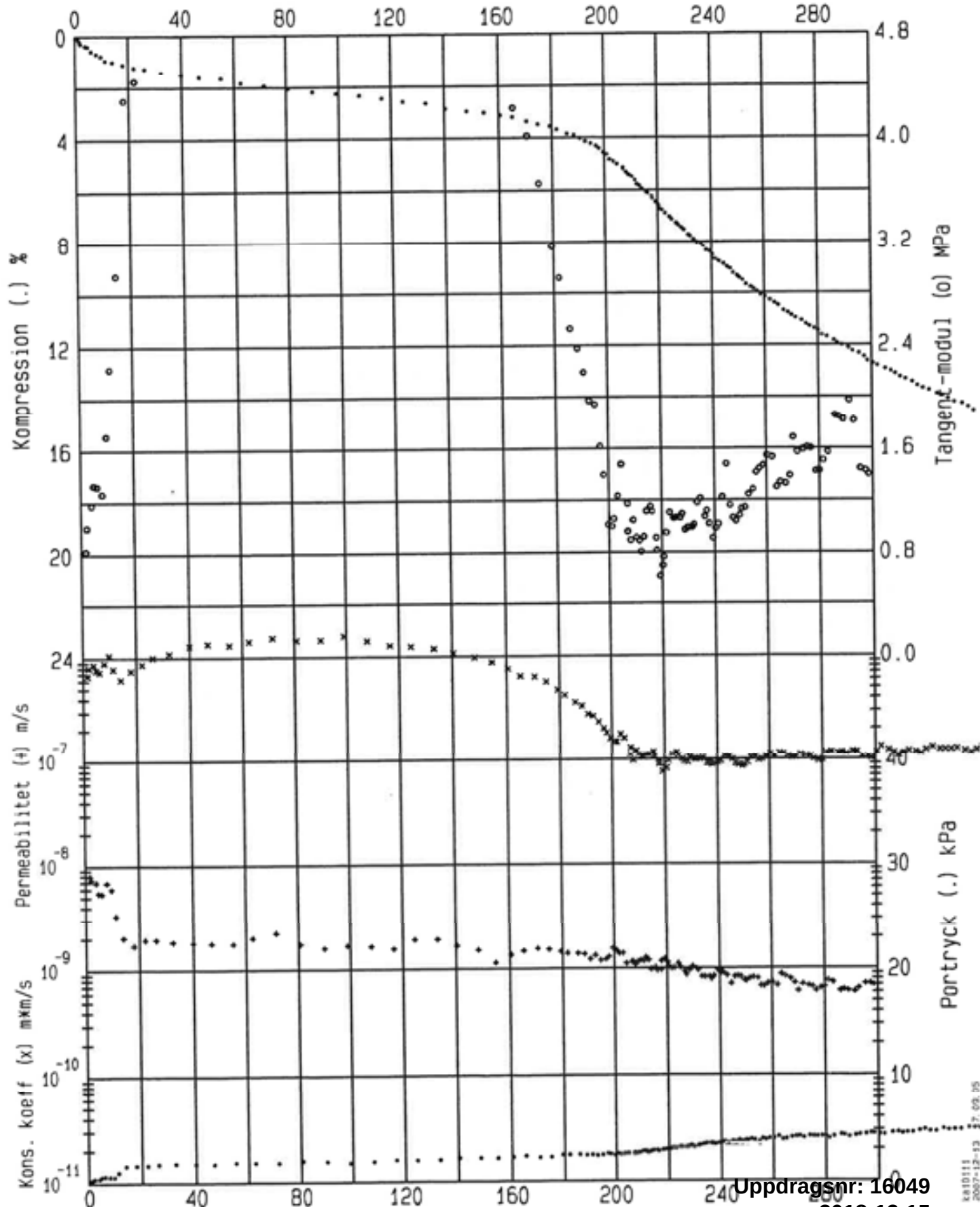
Punkt: 10

Djup: 6m



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 58        | 1.68                    |                 | 174             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| ST                    | 50              | 47        |                         |                 | 1100            | 005063                      | 080215 | 10    | 11   |

Effektivspänning kPa



Uppdragsnr: 16049

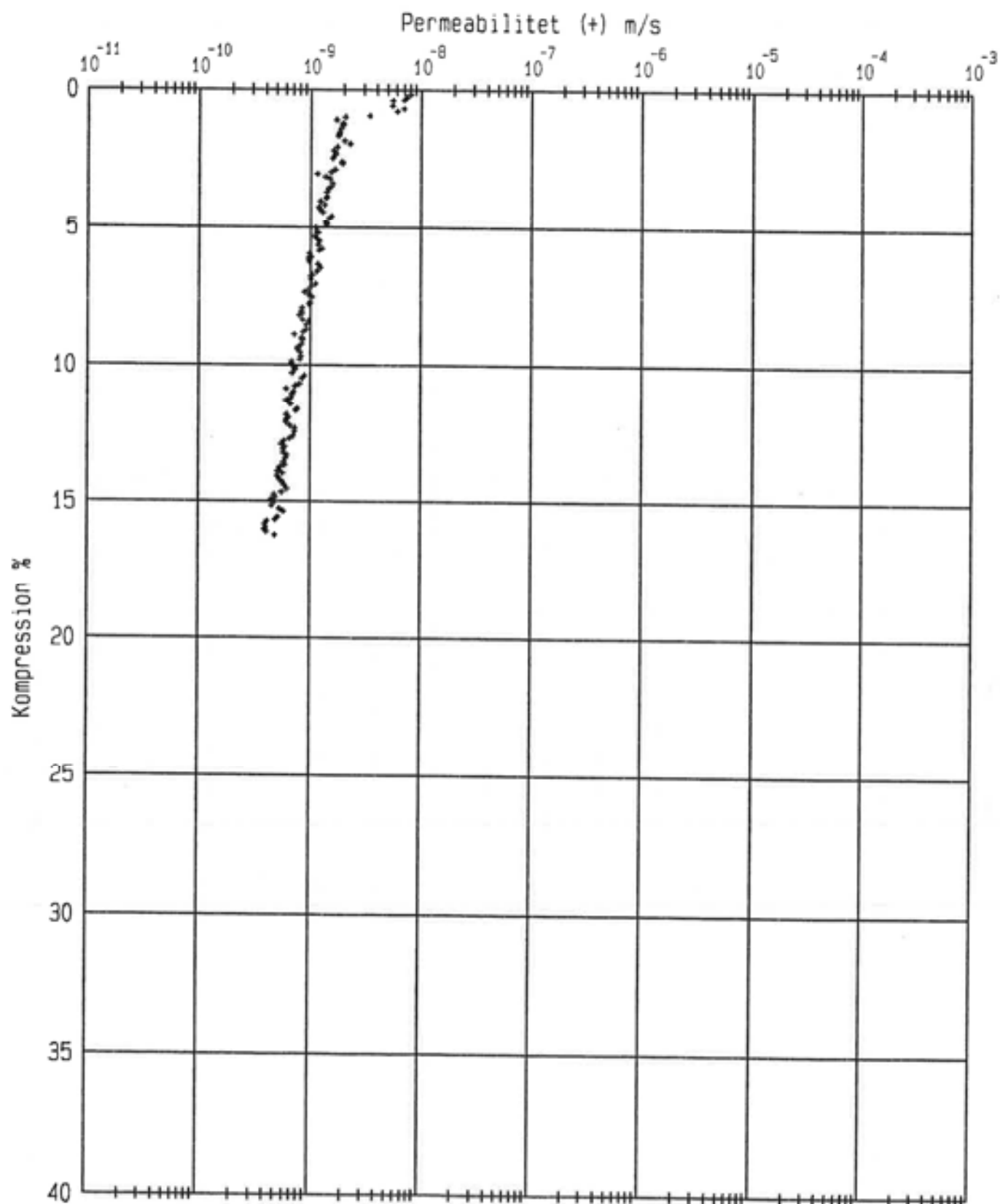
2018-12-15

Arb.nr: ~~U05063~~ Arb.nr:16049

Datum: 080215

Punkt: 10

Djup 11m

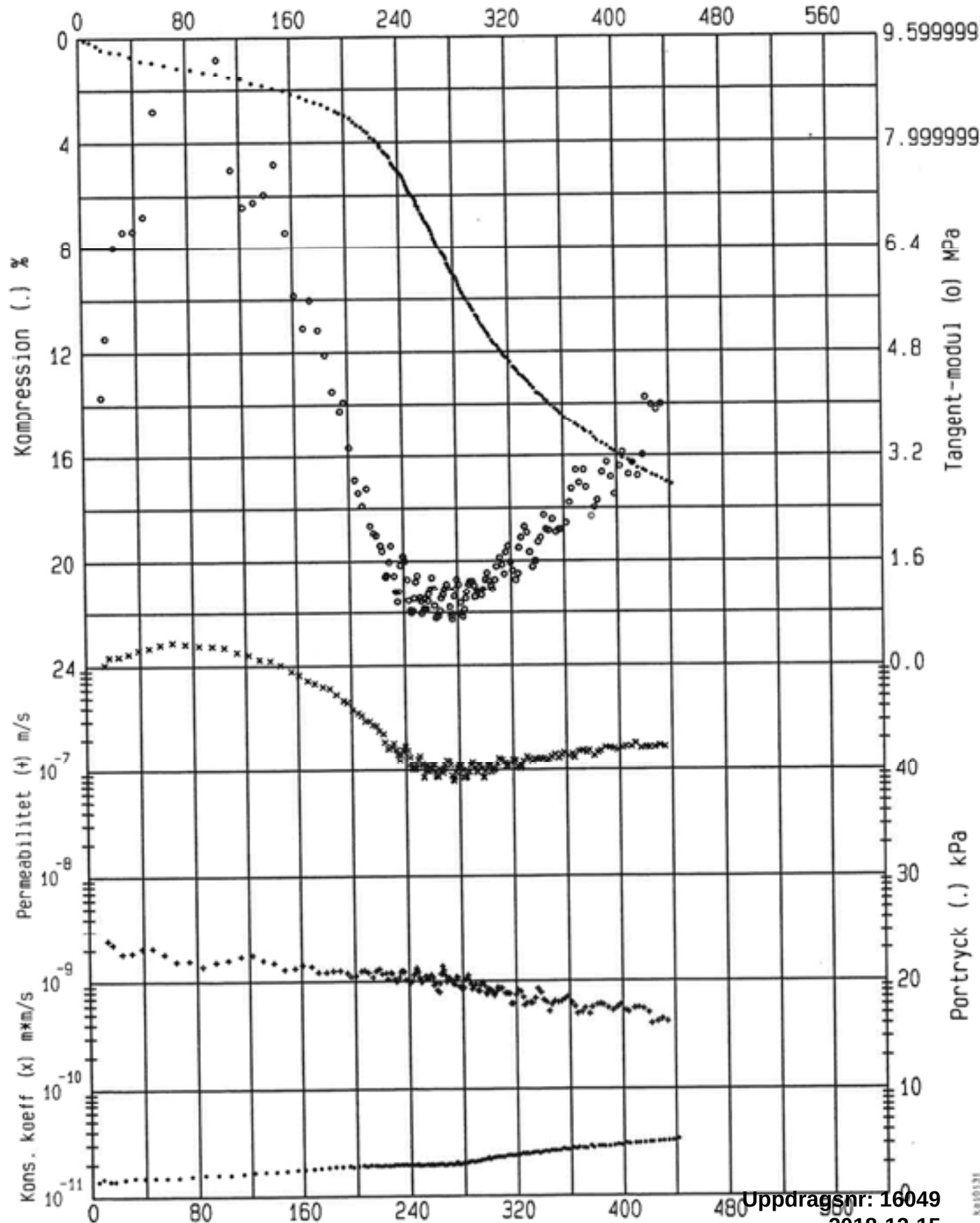


Uppdragsnr: 16049  
2018-12-15



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| 0.0024                | 20              | 65        | 1.68                    |                 | 190             | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT | DJUP |
| OT                    | 50              | 44        |                         |                 | 1000            | U05063                      | 080215 | 10    | 13   |

Effektivspänning kPa



Uppdragsnr: 16049

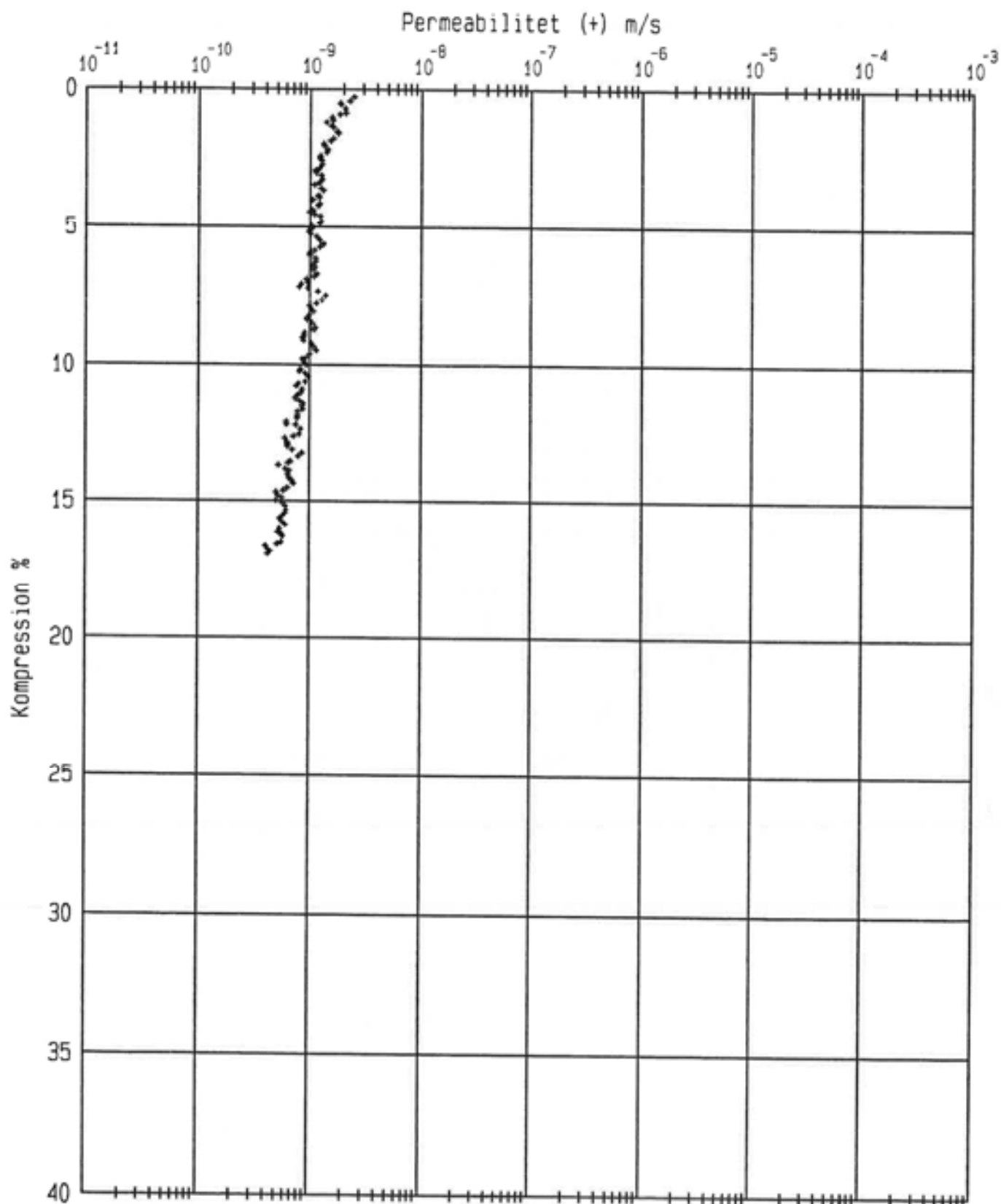
2018-12-15

Arb.nr: ~~005063~~ Arb.nr: 16049

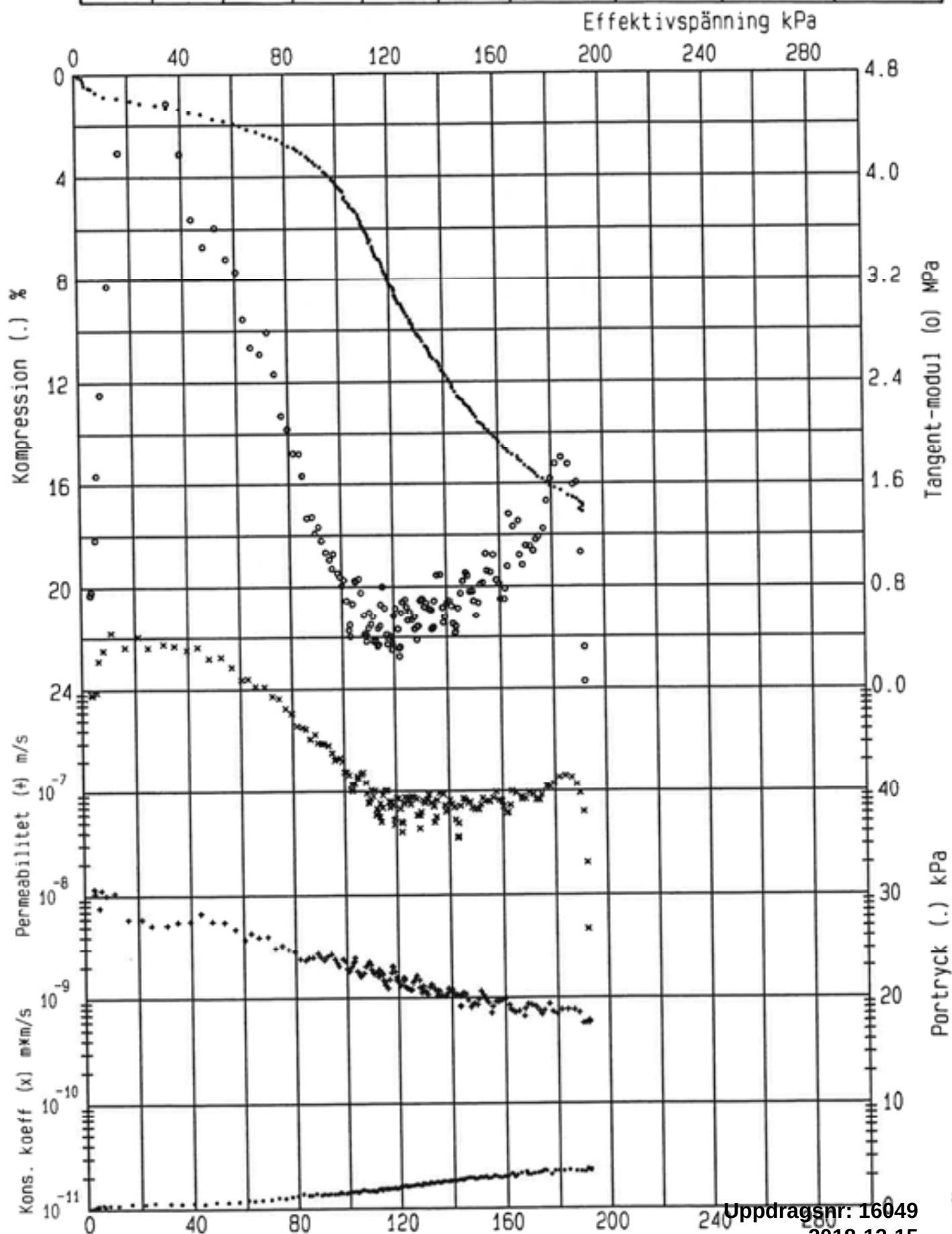
Datum: 080215

Punkt: 10

Djup: 13m



|                       |                 |           |                         |                 |                 |                             |        |       |      |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|-------|------|
| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L'$ kPa | $\sigma_C'$ kPa | PROJEKT                     |        |       |      |
| 0.0024                | 20              | 64        | 1.60                    |                 | 82              | Kartåsen, Lidköpings Kommun |        |       |      |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $C_v$ m <sup>2</sup> /s | $M^1$           | $M_L$ kPa       | Arb.nr: 16049               |        |       |      |
| 35                    | 50              | 55        |                         |                 | 460             | ARB.NR                      | DATUM  | PUNKT | DJUP |
|                       |                 |           |                         |                 |                 | 005063                      | 080215 | 11    | 5m   |

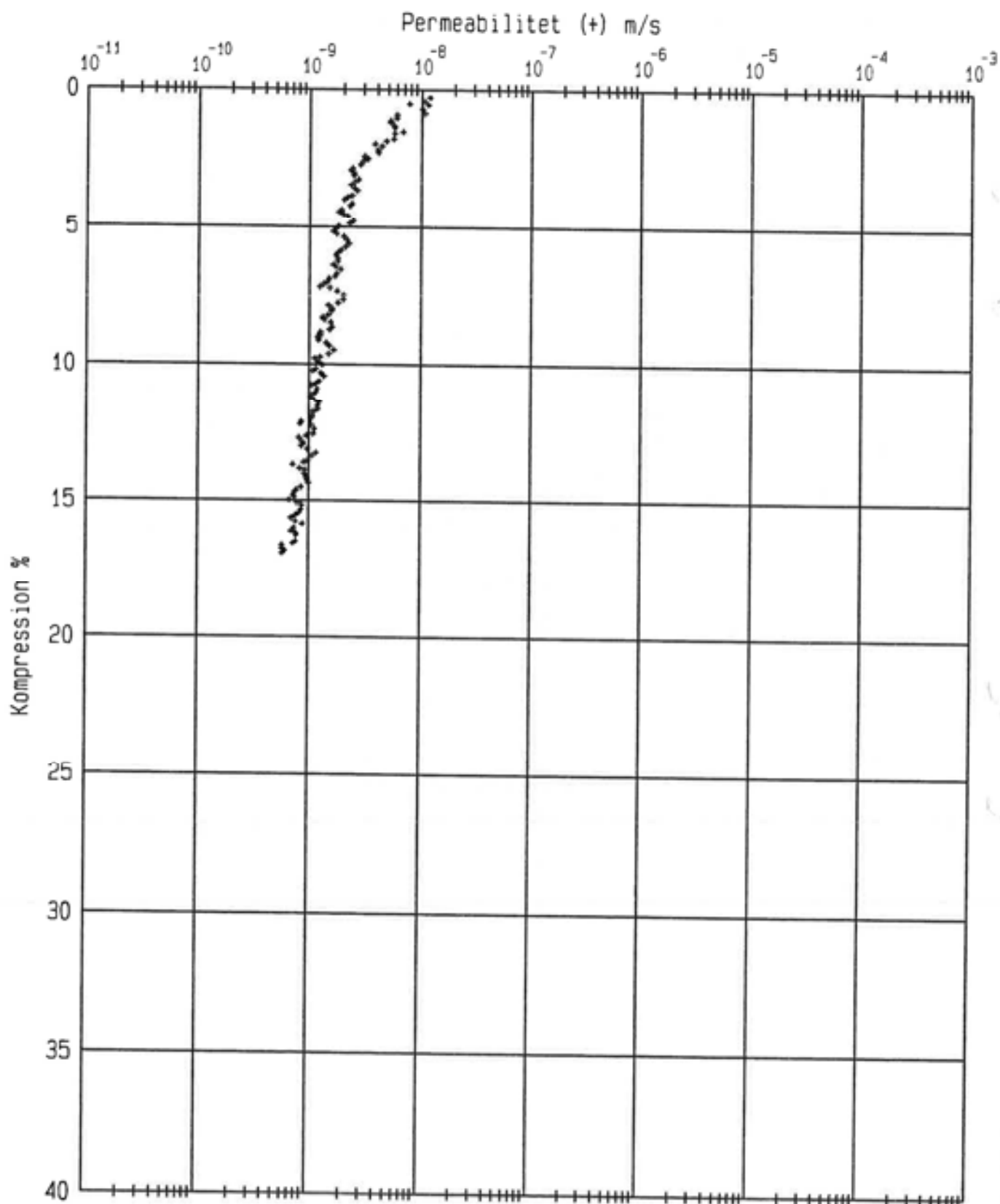


Arb.nr: ~~U05063~~ Arb.nr: 16049

Datum: 080215

Punkt: 11

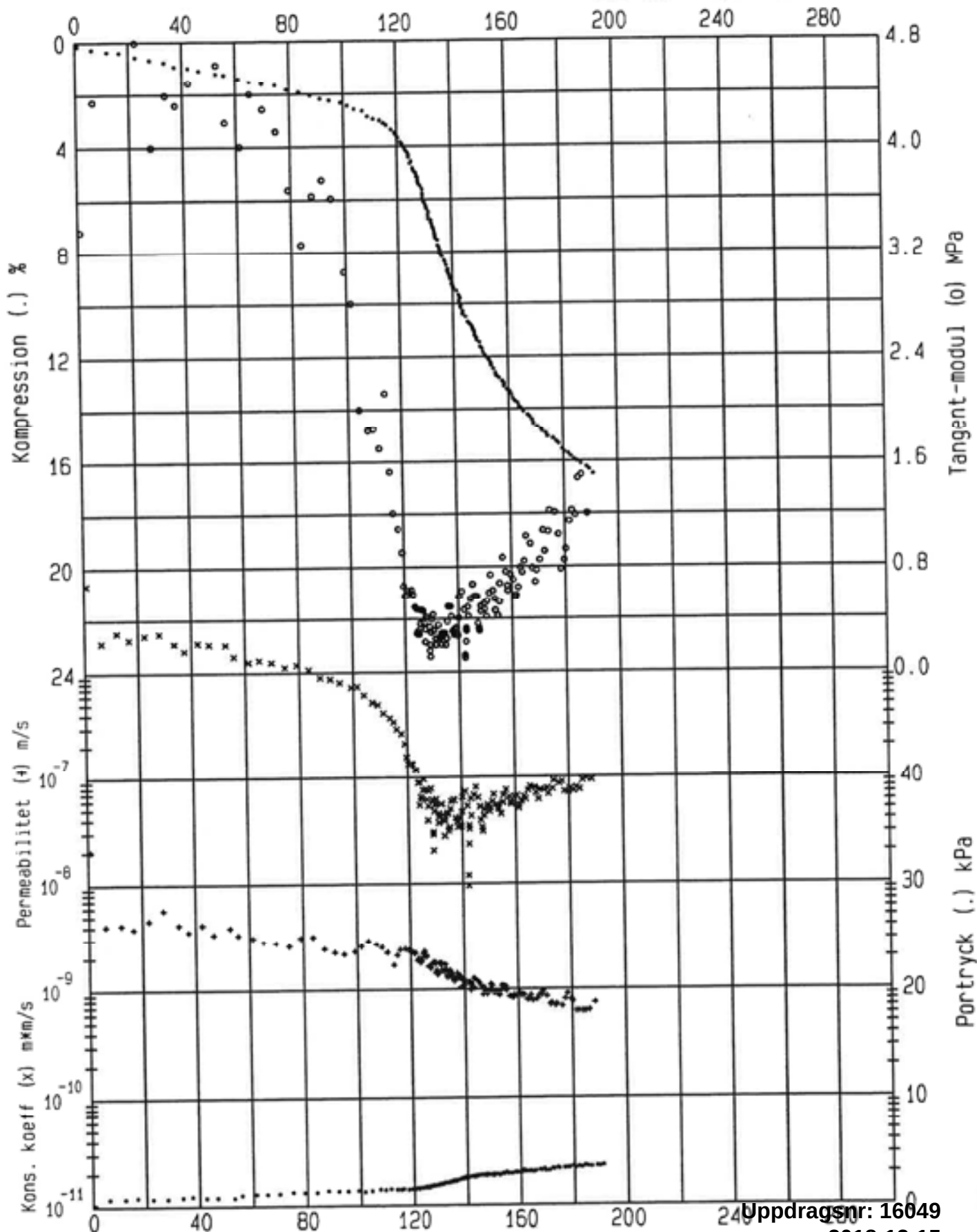
Djup: 5m



| DEF. HAST.<br>mm/min. | PROVHÖJD<br>mm  | W FÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma'_L$ kPa | $\sigma'_C$ kPa | PROJEKT                     |        |            |
|-----------------------|-----------------|-----------|-------------------------|-----------------|-----------------|-----------------------------|--------|------------|
| 0024                  | 20              | 75        | 1.57                    |                 | 109             | Kartåsen, Lidköpings Kommun |        |            |
| SIGN.                 | PROVDIAM.<br>mm | W EFTER % | $c_v$ m <sup>2</sup> /s | M <sup>1</sup>  | $M_L$ kPa       | ARB.NR                      | DATUM  | PUNKT      |
| JT                    | 50              | 60        |                         |                 | 300             | U05063                      | 080215 | 11         |
|                       |                 |           |                         |                 |                 |                             |        | DJUP<br>6m |

Arb.nr:16049

Effektivspänning kPa



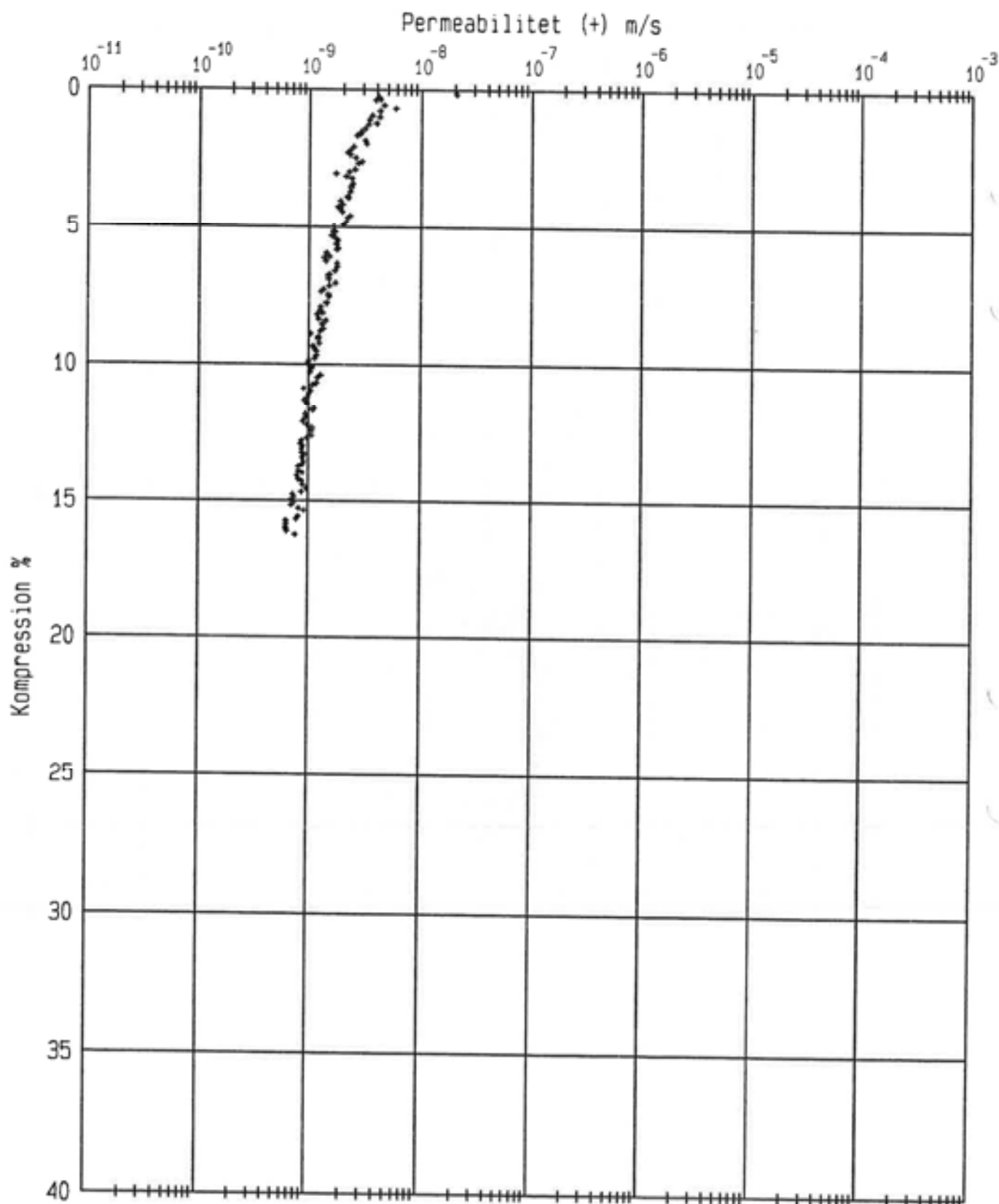
Uppdragsnr: 16049  
2018-12-15

Arb.nr: ~~U05063~~ Arb.nr: 16049

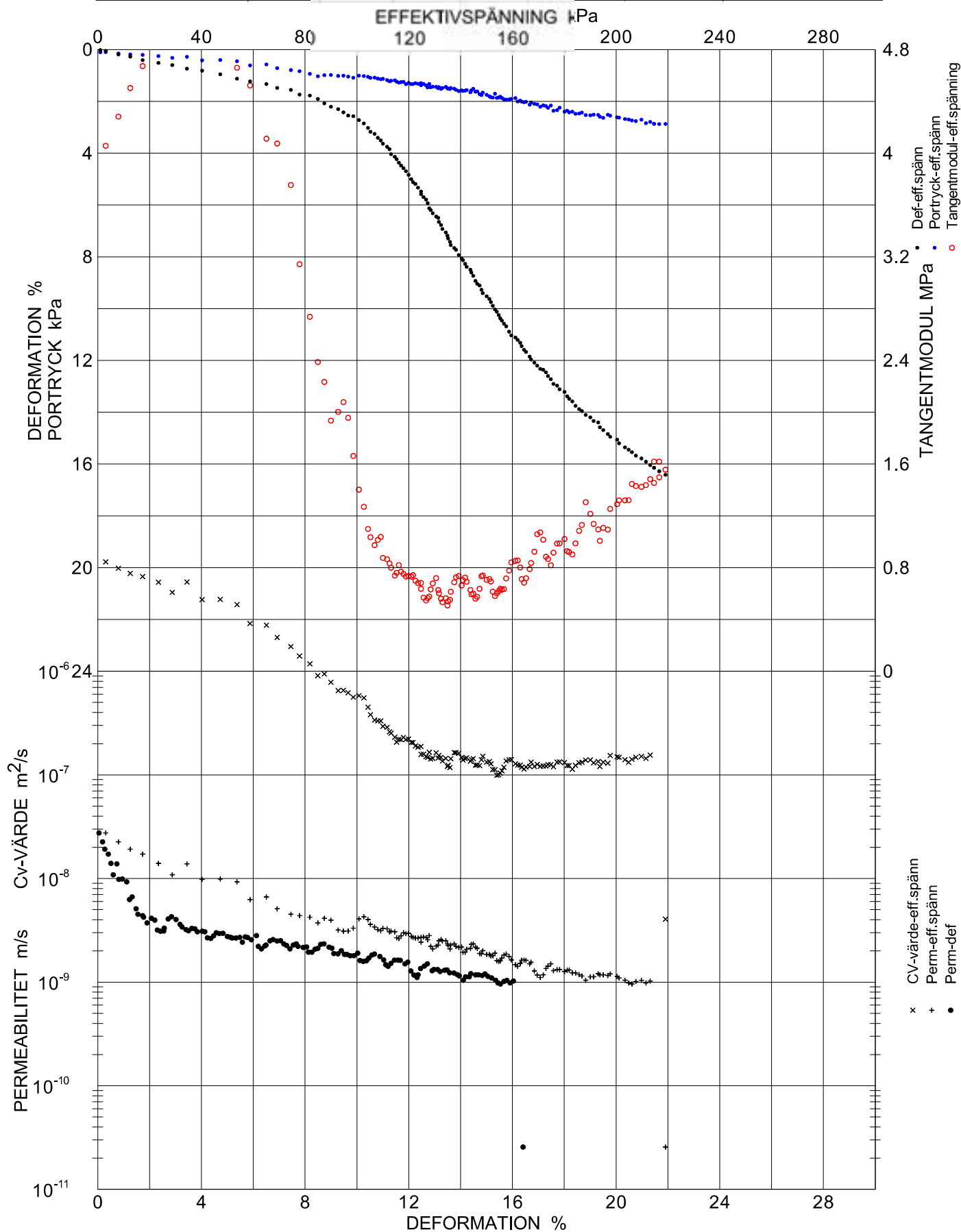
Datum: 080215

Punkt: 11

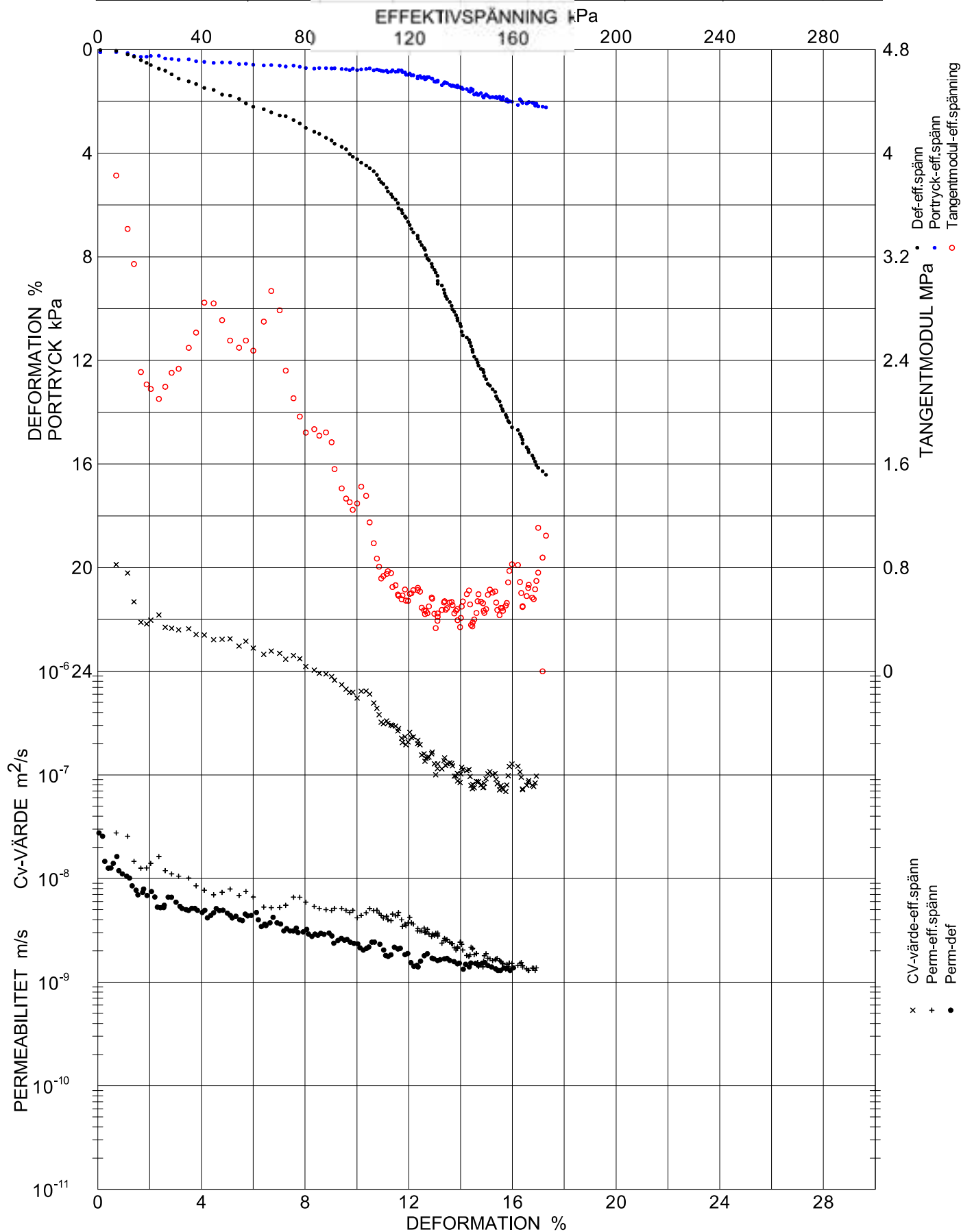
Djup: 6m



|                              |                      |                |                                 |                |                      |                                                                 |
|------------------------------|----------------------|----------------|---------------------------------|----------------|----------------------|-----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>60  | $\rho$ t/m <sup>3</sup><br>1,67 | $\sigma_L$ kPa | $\sigma_C$ kPa<br>85 | UPPDRAG<br>Kartåsen, Lidköpings kommun                          |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>47 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>700     | ARB.NR 16049<br>FÖRSÖKS DATUM 20100610<br>PUNKT 11A<br>DJUP 4,5 |

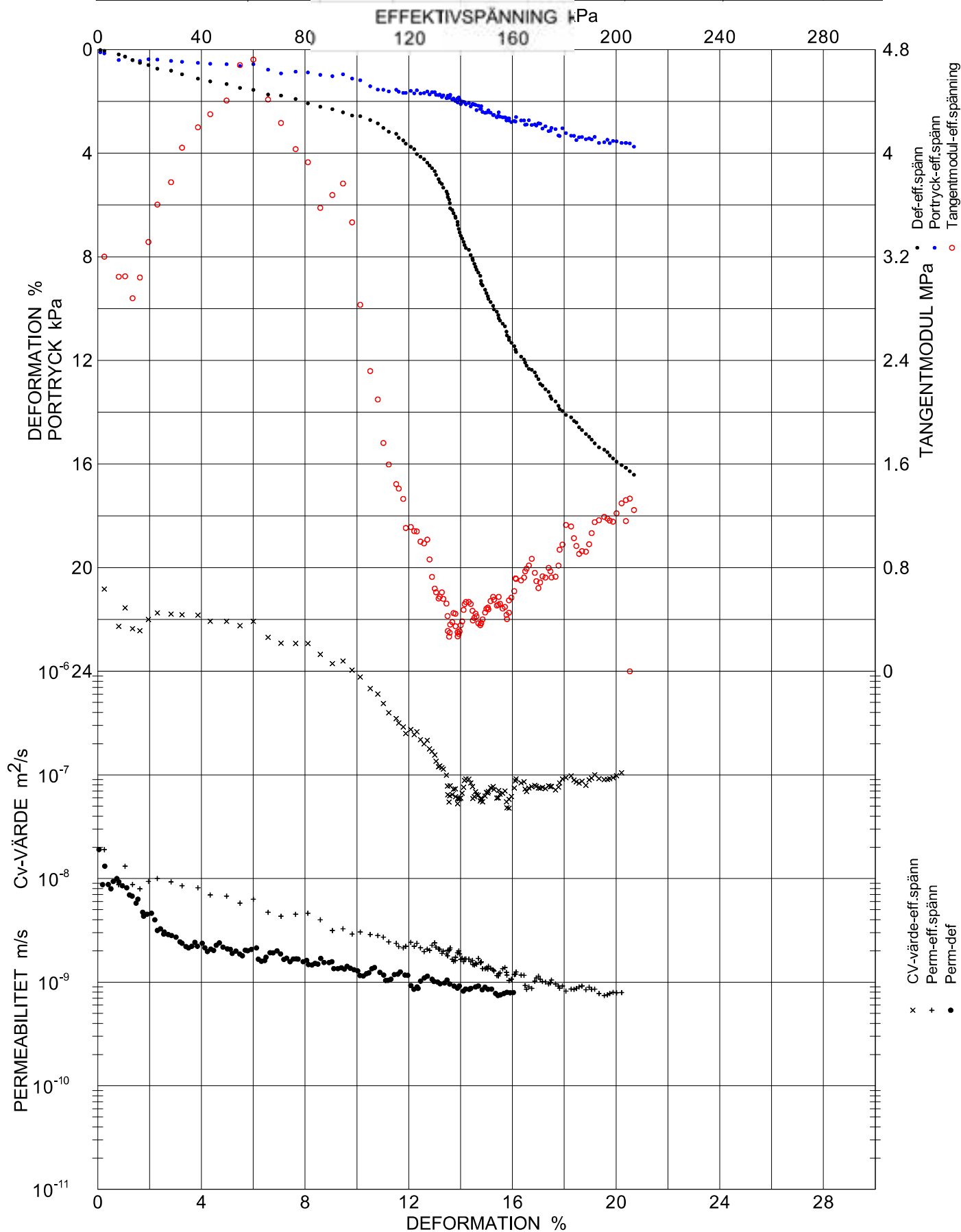


|                              |                      |                |                                 |                |                      |                                        |                          |              |
|------------------------------|----------------------|----------------|---------------------------------|----------------|----------------------|----------------------------------------|--------------------------|--------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>72  | $\rho$ t/m <sup>3</sup><br>1,60 | $\sigma_L$ kPa | $\sigma_C$ kPa<br>93 | UPPDRAG<br>Kartåsen, Lidköpings kommun |                          |              |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>59 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>590     | ARB.NR<br>16049<br>U05063              | FÖRSÖKSDATUM<br>20100610 | PUNKT<br>11A |
|                              |                      |                |                                 |                |                      |                                        | DJUP<br>5,5              |              |

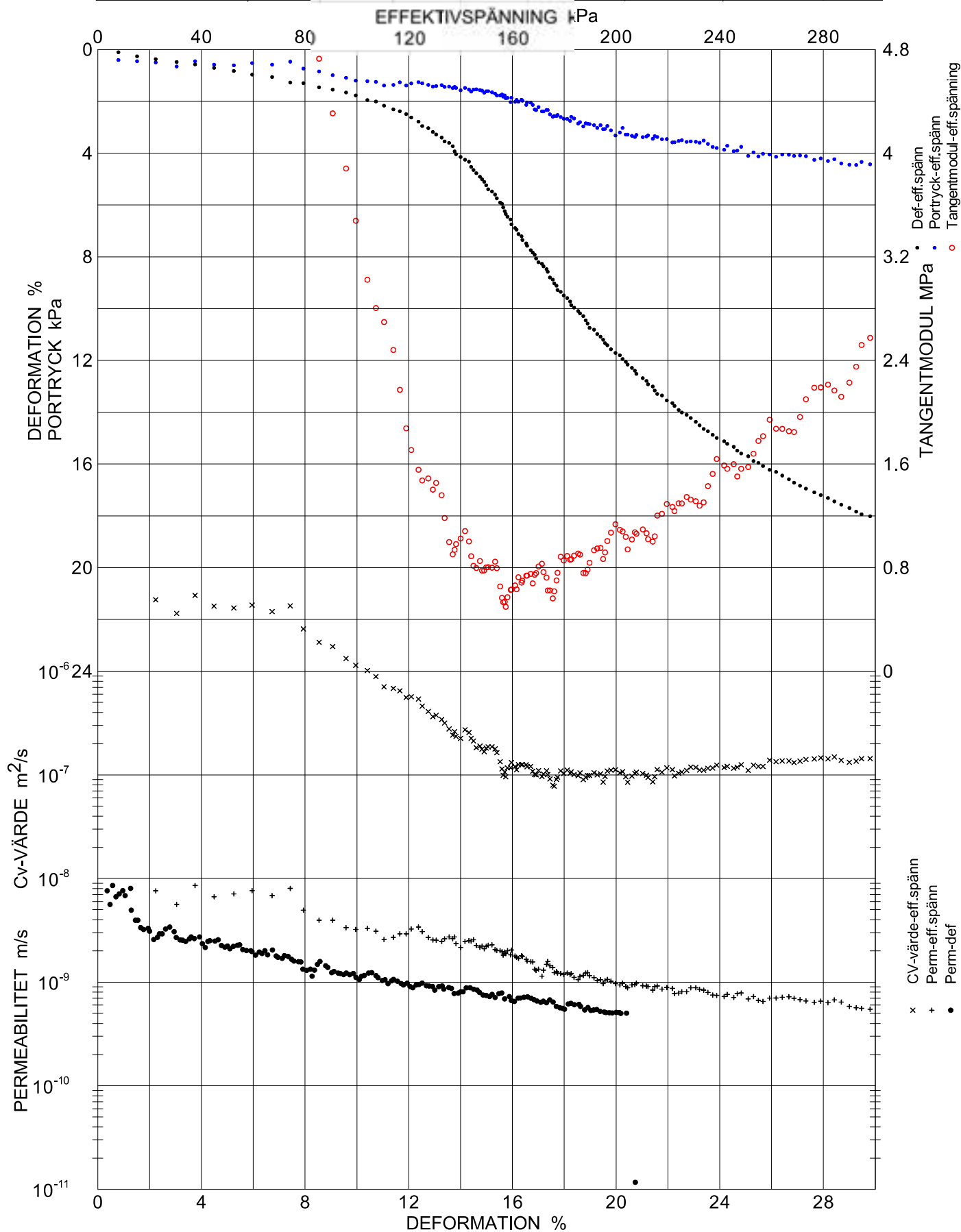




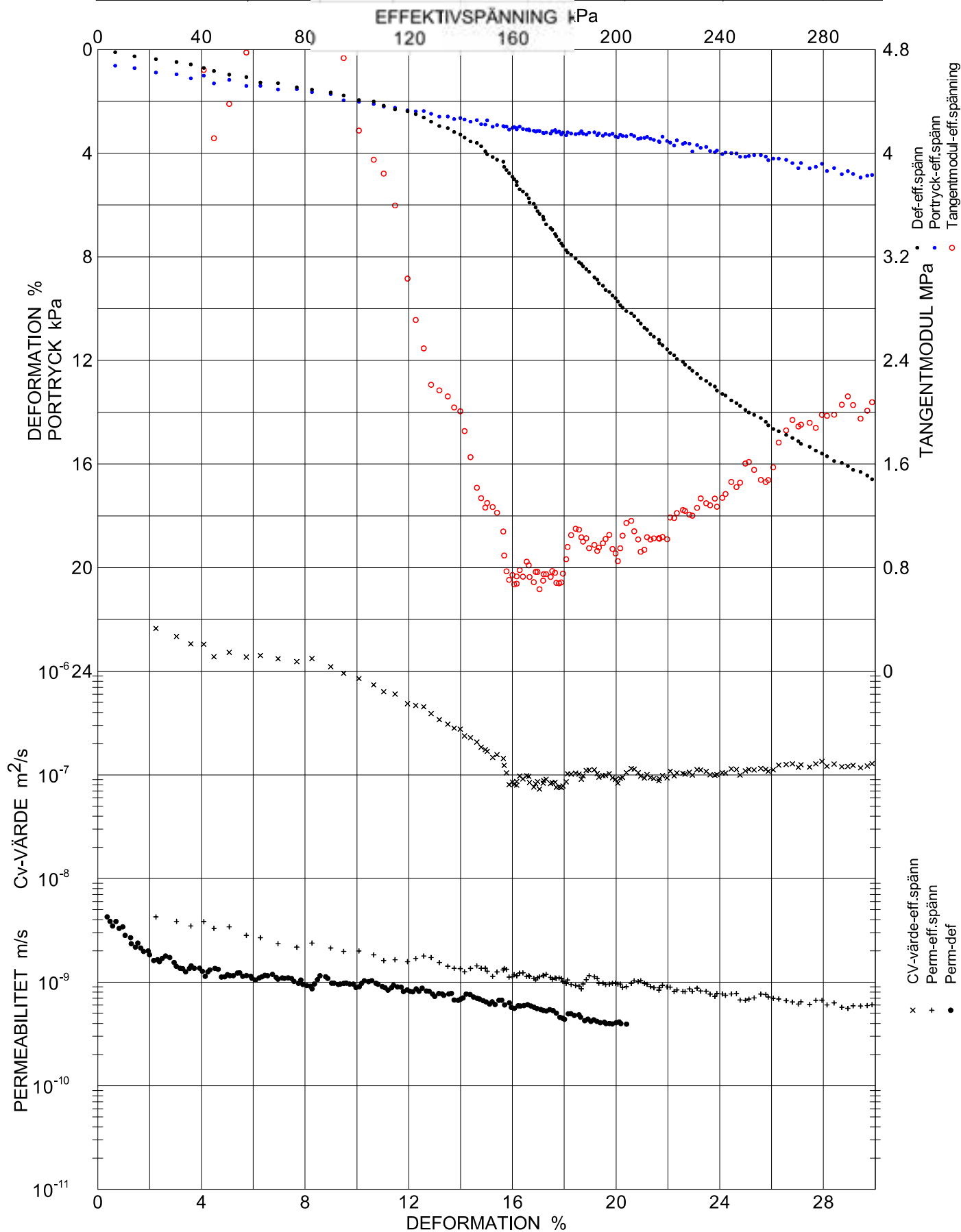
|                              |                      |                |                                 |                |                       |                                                                  |
|------------------------------|----------------------|----------------|---------------------------------|----------------|-----------------------|------------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>73  | $\rho$ t/m <sup>3</sup><br>1,62 | $\sigma_L$ kPa | $\sigma_C$ kPa<br>110 | UPPDRAG<br>Kartåsen, Lidköpings kommun                           |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>56 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>670      | ARB.NR. 16049<br>FÖRSÖKS DATUM 20100610<br>PUNKT 11A<br>DJUP 6,5 |



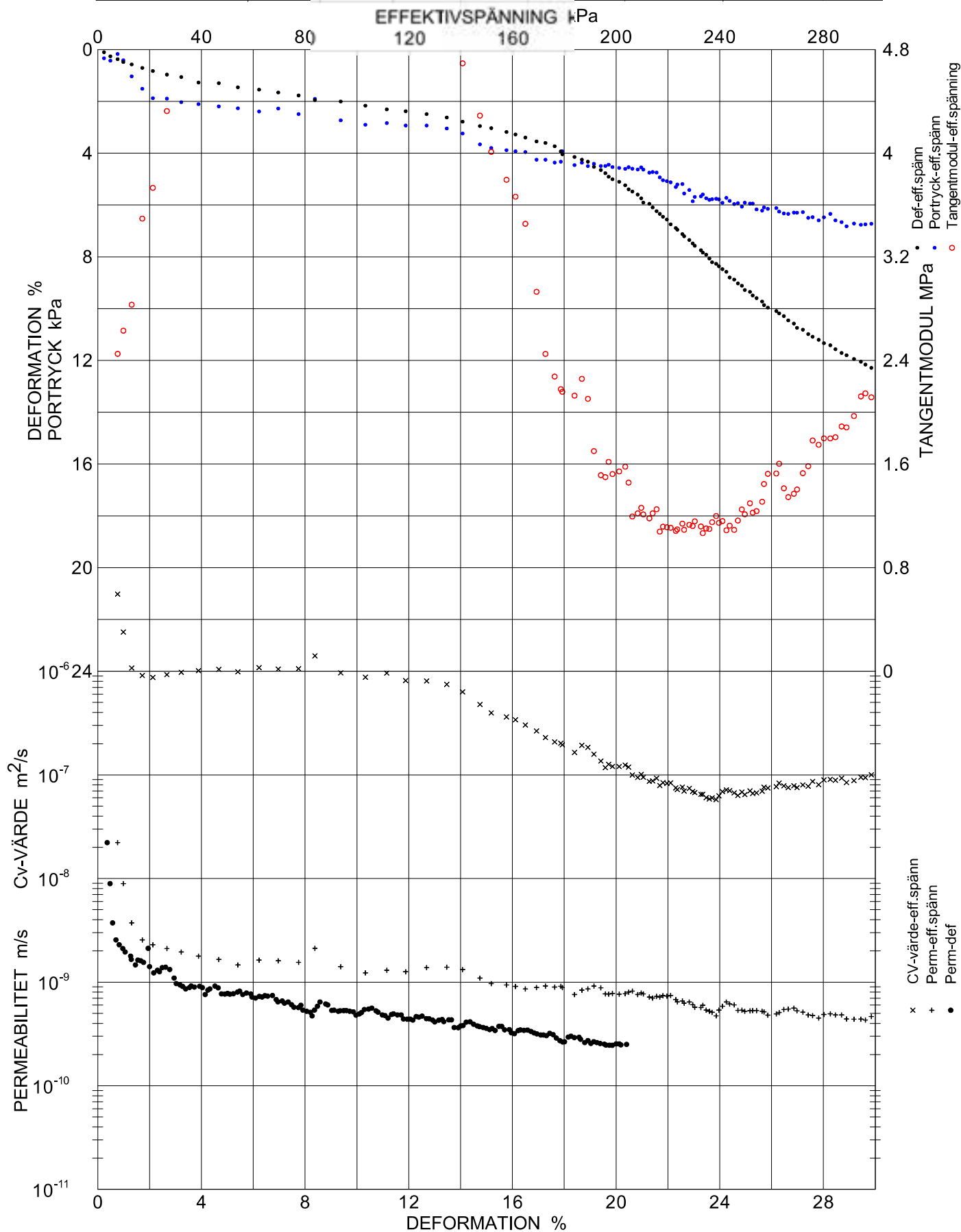
|                              |                      |                |                                 |                |                        |                                                                      |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>57  | $\rho$ t/m <sup>3</sup><br>1,68 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>110 | UPPDRAG<br>Kartåsen, Lidköpings kommun                               |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>43 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>700       | ARB.NR. 16049<br>FÖRSÖKSdatum 2010-06-17<br>PUNKT 28<br>DJUP 2,8 (1) |



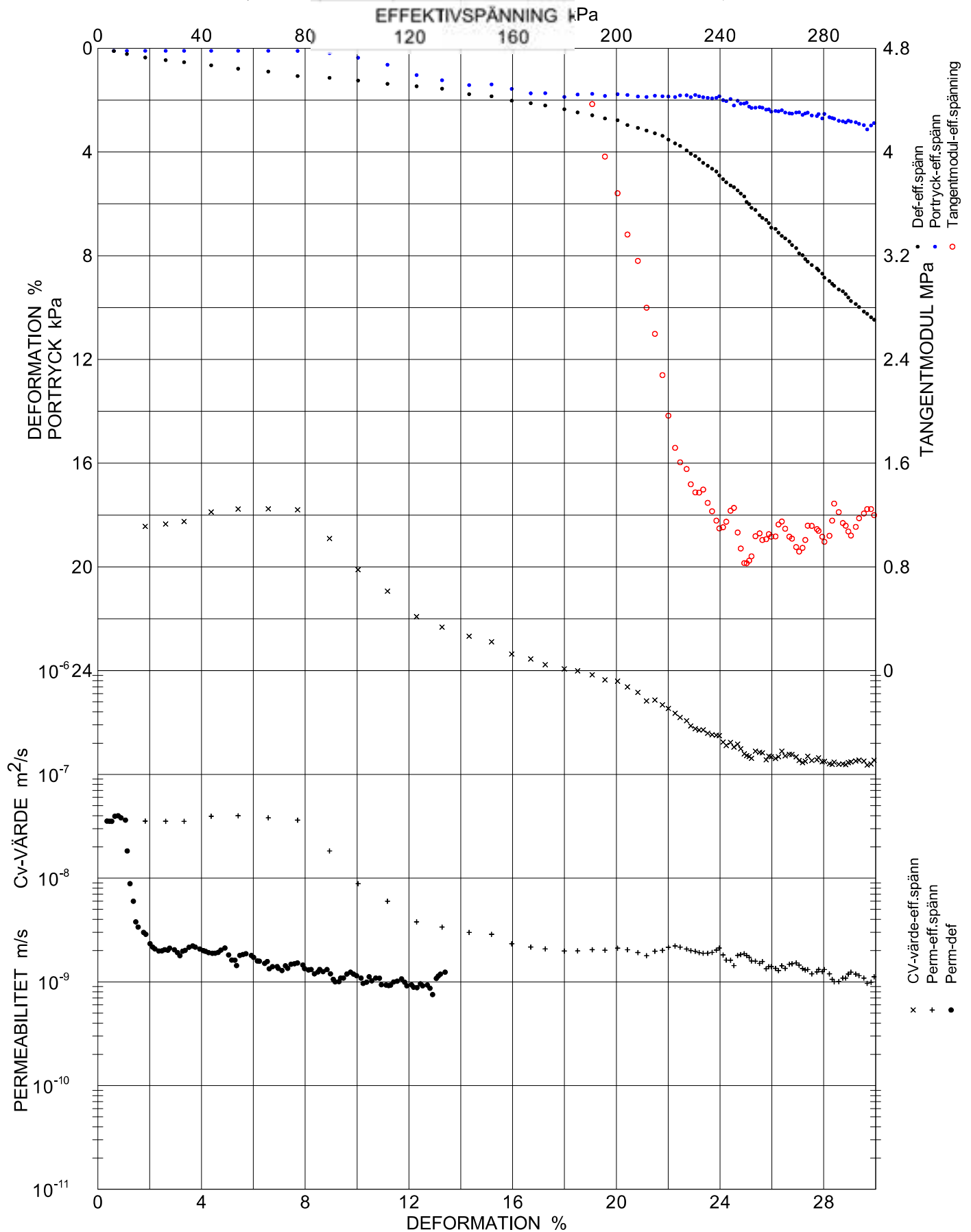
|                              |                      |                |                                 |                |                        |                                                                      |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>59  | $\rho$ t/m <sup>3</sup><br>1,70 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>130 | UPPDRAG<br>Kartåsen, Lidköpings kommun                               |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>40 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1000      | ARB.NR. 16049<br>FÖRSÖKSdatum 2010-06-17<br>PUNKT 28<br>DJUP 2,8 (2) |



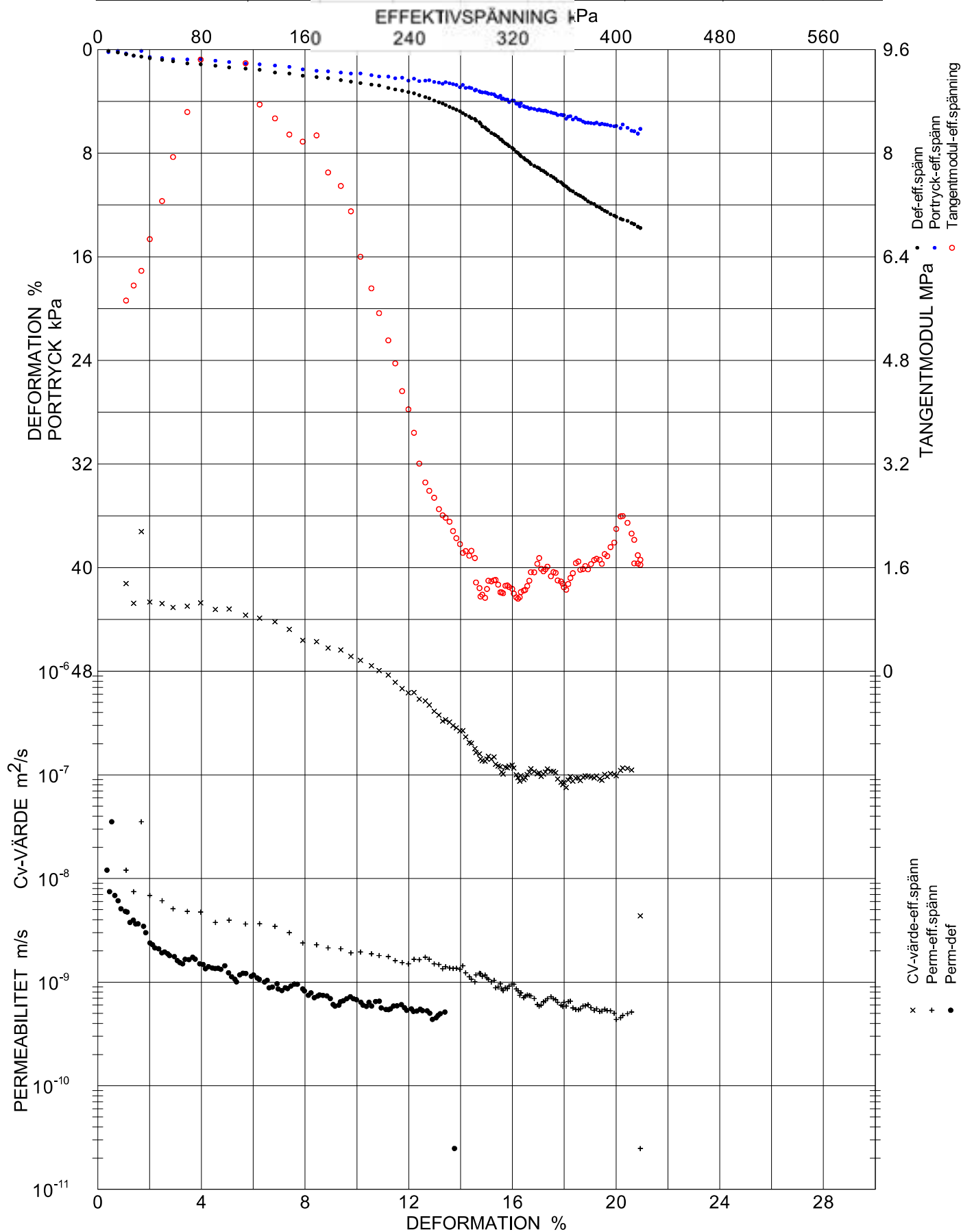
|                    |                |          |                         |                |                 |                             |
|--------------------|----------------|----------|-------------------------|----------------|-----------------|-----------------------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma'_C$ kPa | UPPDRAG                     |
| 0.0025             | 20             | 53       | 1,74                    |                | 165             | Kartåsen, Lidköpings kommun |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $C_v$ m <sup>2</sup> /s | $M$ kPa        | $M_L$ kPa       | ARB.NR 16049                |
| JT                 | 50             | 39       |                         |                | 1130            | FÖRSÖKS DATUM 2010-06-17    |
|                    |                |          |                         |                |                 | PUNKT 28                    |
|                    |                |          |                         |                |                 | DJUP 5m                     |



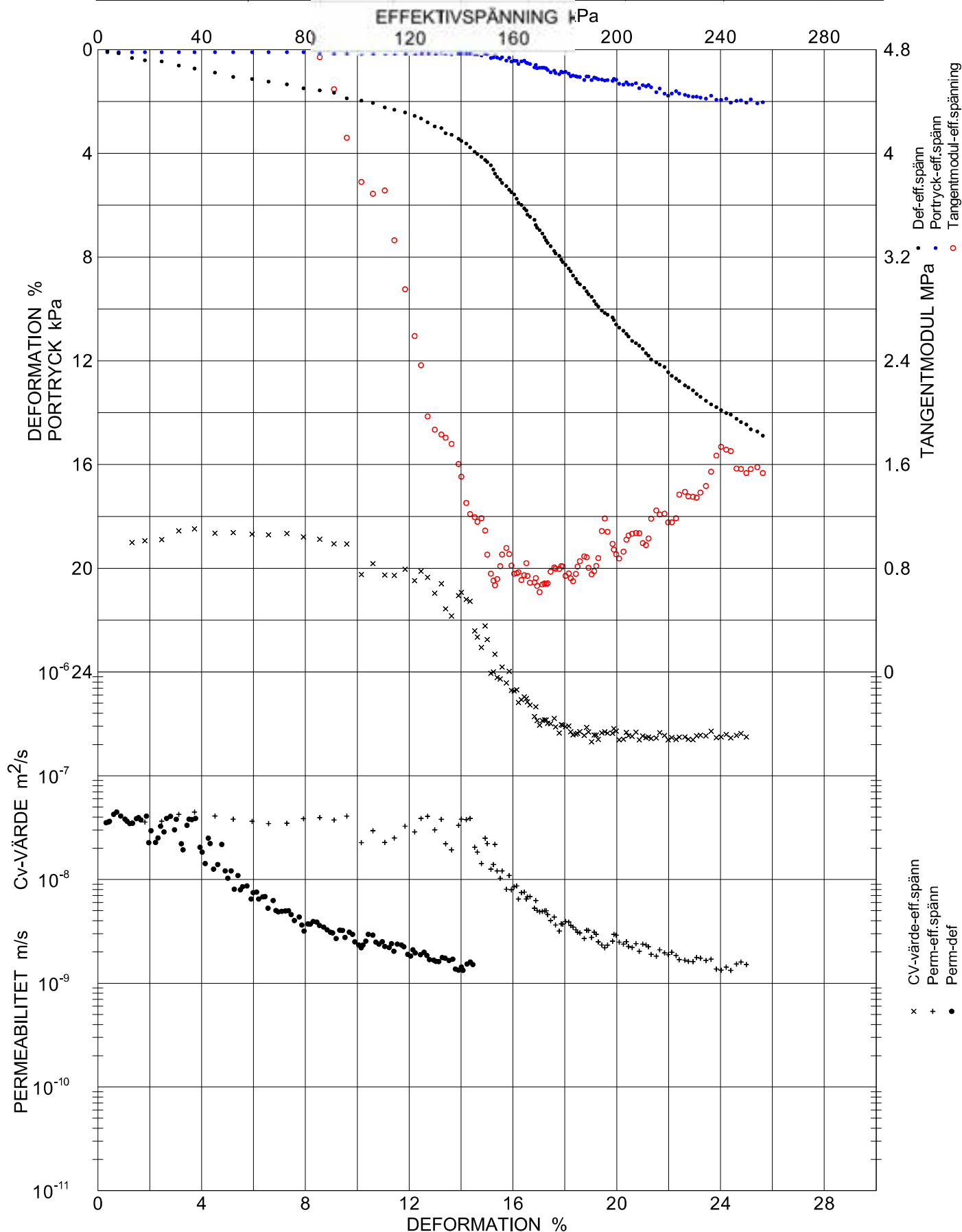
|                              |                      |                |                                 |                |                        |                                                                 |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|-----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>61  | $\rho$ t/m <sup>3</sup><br>1,67 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>205 | UPPDRAG<br>Kartåsen, Lidköpings kommun                          |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>50 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1050      | ARB.NR. 16049<br>FÖRSÖKSdatum 2010-06-15<br>PUNKT 28<br>DJUP 6m |



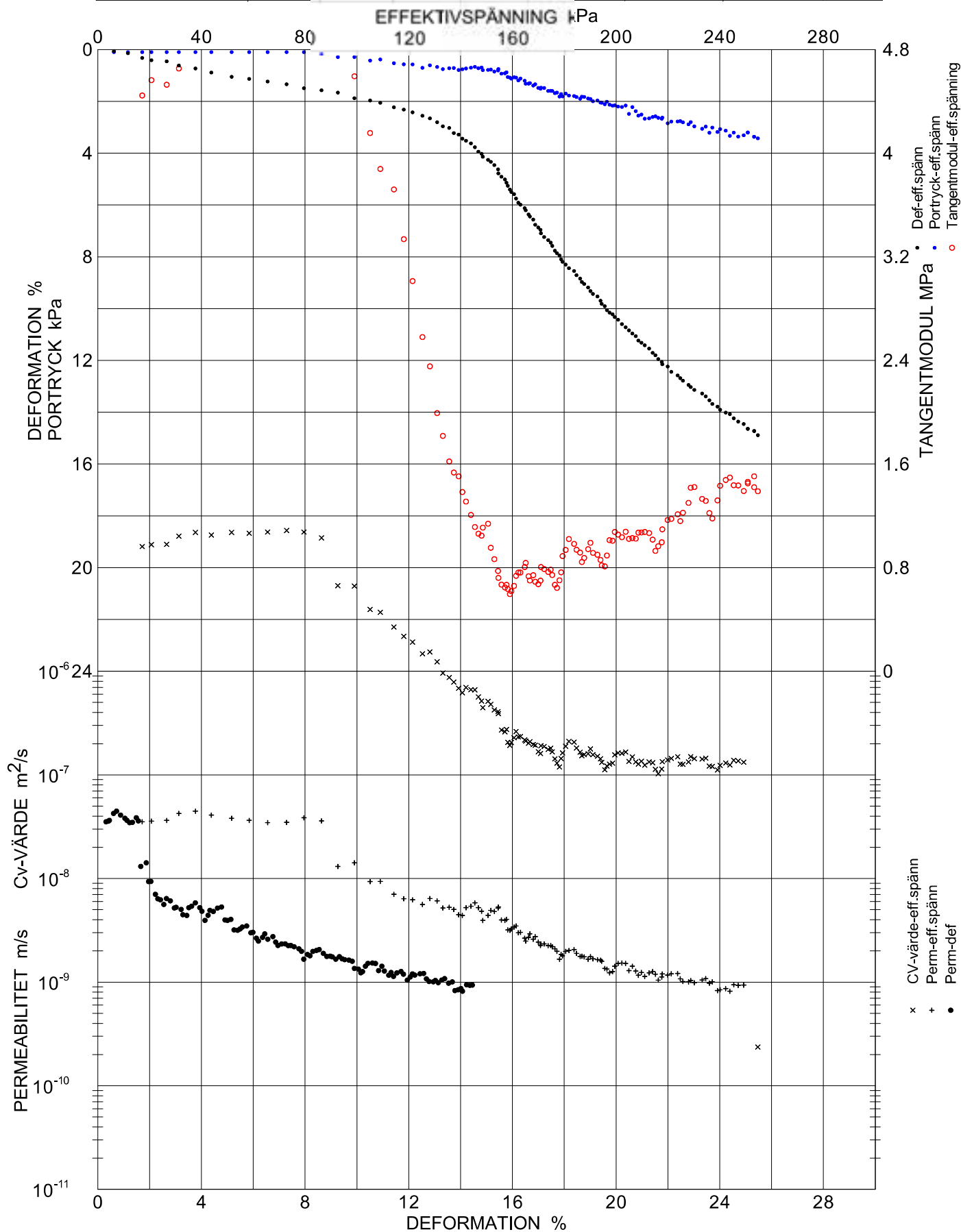
|                              |                      |                |                                 |                |                        |                                                                 |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|-----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>45  | $\rho$ t/m <sup>3</sup><br>1,69 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>240 | UPPDRAG<br>Kartåsen, Lidköpings kommun                          |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>49 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1300      | ARB.NR. 16049<br>FÖRSÖKSdatum 2010-06-15<br>PUNKT 28<br>DJUP 8m |



|                              |                      |                |                              |                     |                          |                                                              |
|------------------------------|----------------------|----------------|------------------------------|---------------------|--------------------------|--------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>54  | $\rho$ t/m <sup>3</sup><br>— | $\sigma_L$ kPa<br>— | $\sigma'_C$ kPa<br>(120) | UPPDRAG<br>Kartåsen, Lidköpings kommun                       |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>47 | $C_v$ m <sup>2</sup> /s<br>— | $M$ kPa<br>—        | $M_L$ kPa<br>(730)       | ARB.NR. 16049<br>FÖRSÖKSDATUM 20100614<br>PUNKT 48<br>DJUP 5 |

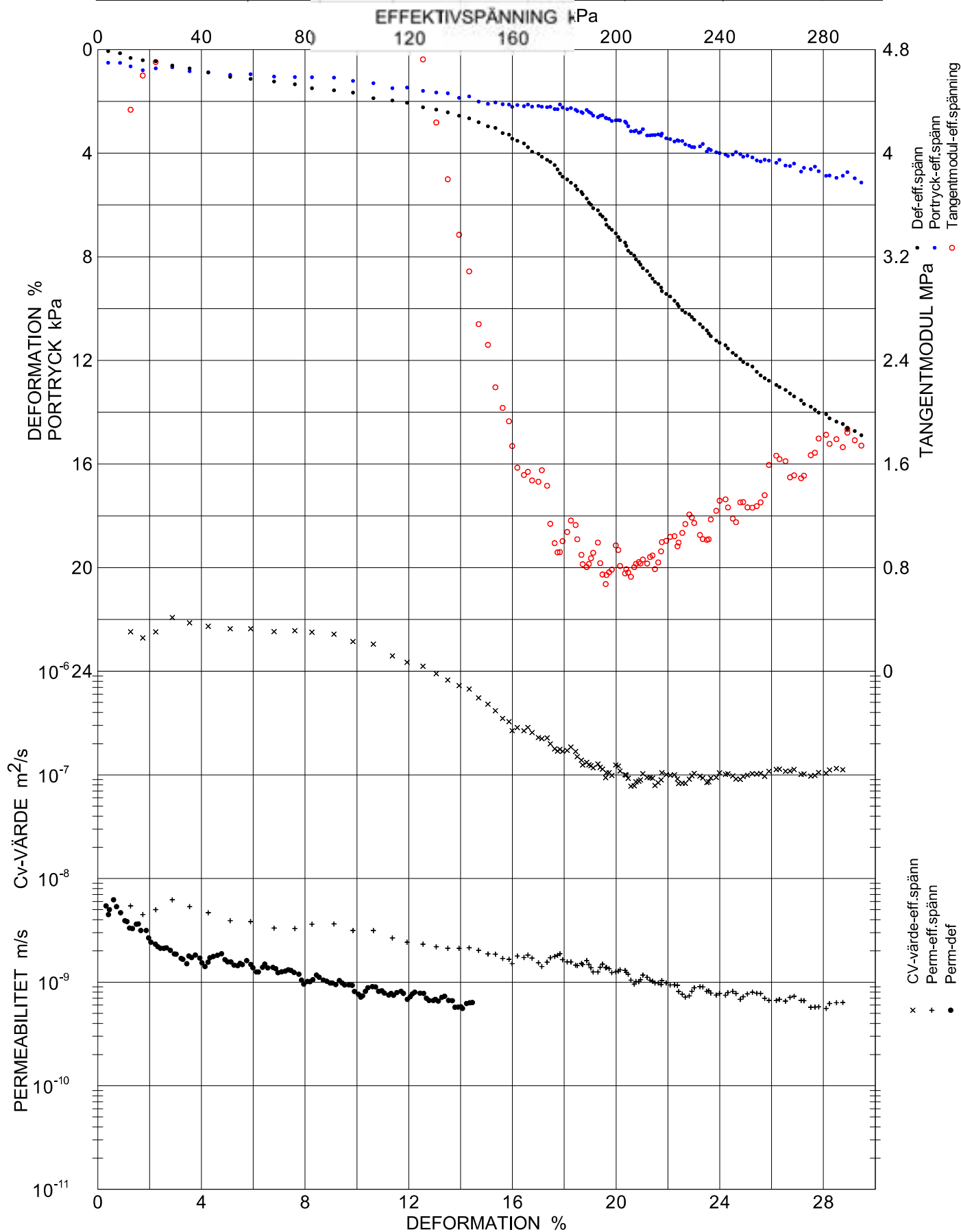


|                              |                      |                |                                 |                         |                          |                                                             |
|------------------------------|----------------------|----------------|---------------------------------|-------------------------|--------------------------|-------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>61  | $\rho$ t/m <sup>3</sup><br>1,65 | $\sigma_L$ kPa<br>(125) | $\sigma'_C$ kPa<br>(125) | UPPDAG<br>Kartåsen, Lidköpings kommun                       |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>51 | $C_v$ m <sup>2</sup> /s         | $M$ kPa                 | $M_L$ kPa<br>(740)       | ARB.NR 16049<br>FÖRSÖKSdatum 20100614<br>PUNKT 48<br>DJUP 6 |

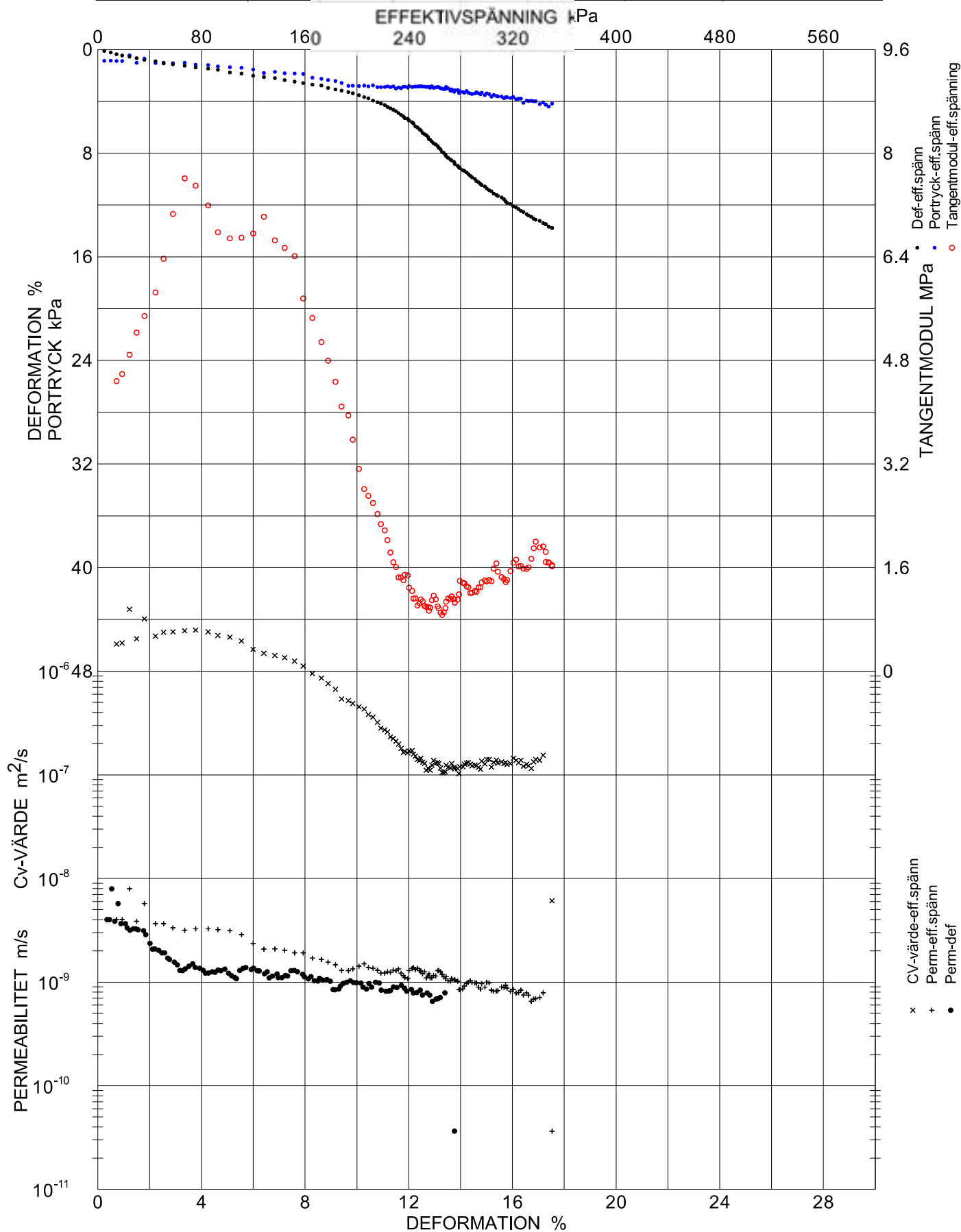




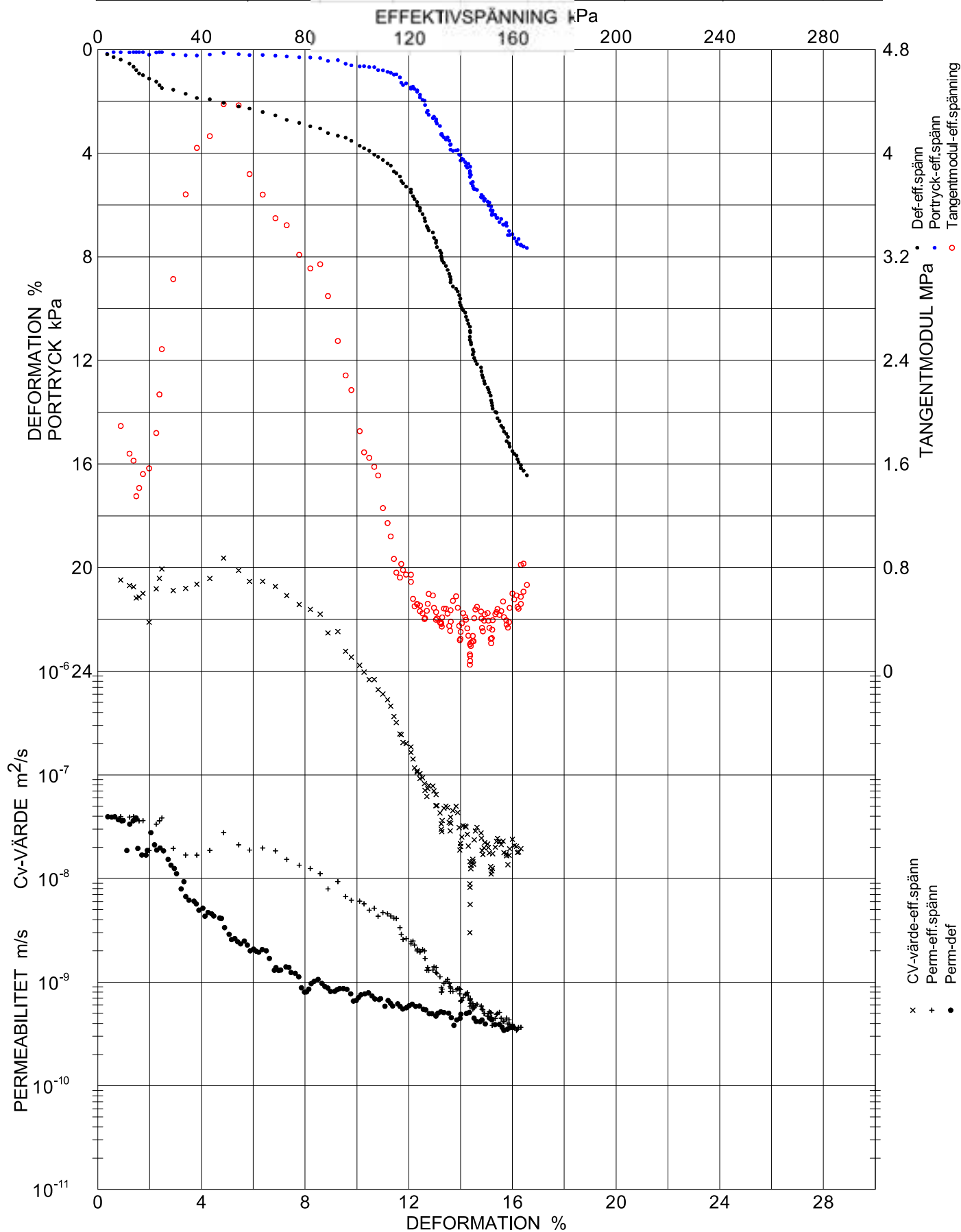
|                              |                      |                |                                 |                |                        |                                                               |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|---------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>55  | $\rho$ t/m <sup>3</sup><br>1,70 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>140 | UPPDRAG<br>Kartåsen, Lidköpings kommun                        |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>47 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>850       | ARB.NR. 16049<br>FÖRSÖKS DATUM 20100614<br>PUNKT 48<br>DJUP 8 |



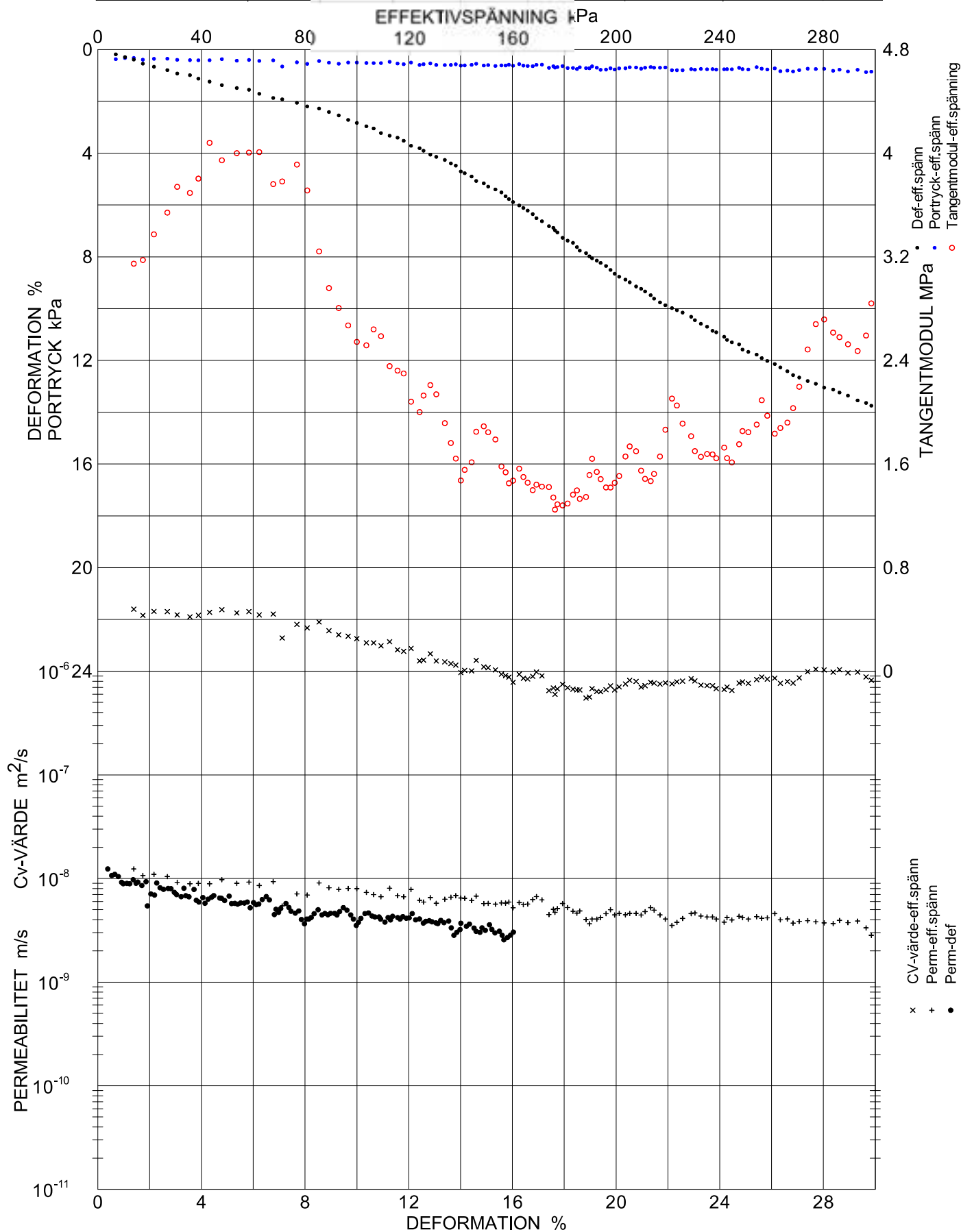
|                              |                      |                |                                 |                |                        |                                        |                          |             |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------|--------------------------|-------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>57  | $\rho$ t/m <sup>3</sup><br>1,67 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>200 | UPPDRAG<br>Kartåsen, Lidköpings kommun |                          |             |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>52 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1050      | ARB.NR<br>16049<br>U05063              | FÖRSÖKSDATUM<br>20100615 | PUNKT<br>48 |
|                              |                      |                |                                 |                |                        |                                        | DJUP<br>10               |             |



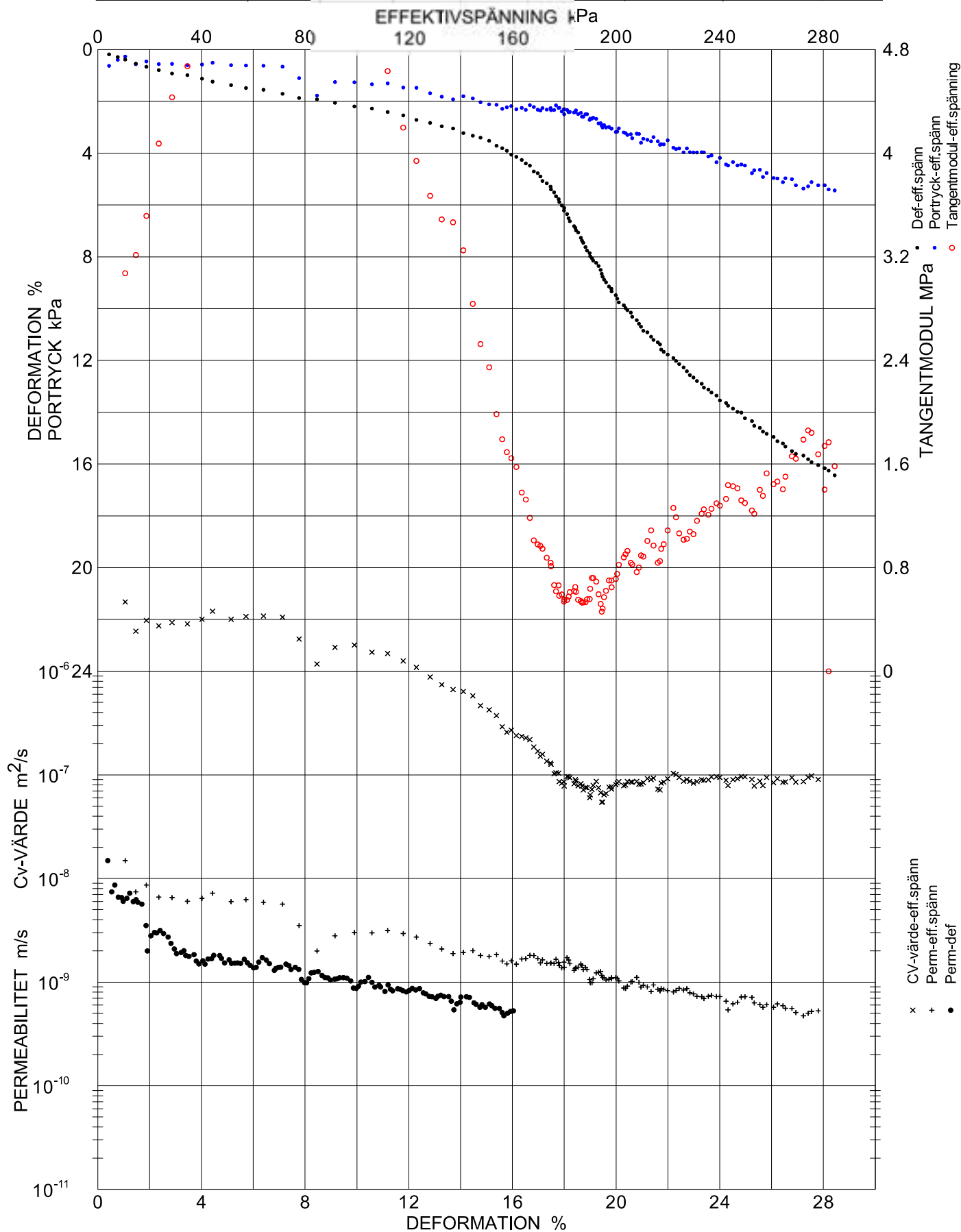
|                    |                |          |                         |                |                |                             |              |       |
|--------------------|----------------|----------|-------------------------|----------------|----------------|-----------------------------|--------------|-------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma_C$ kPa | UPPDAG                      |              |       |
| 0.0025             | 20             | 64       | 1,56                    |                | 103            | Kartåsen, Lidköpings kommun |              |       |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $C_v$ m <sup>2</sup> /s | $M$ kPa        | $M_L$ kPa      | ARB.NR                      | FÖRSÖKSDATUM | PUNKT |
| JT                 | 50             |          |                         |                | 345            | 16049                       | 20100531     | 52    |
|                    |                |          |                         |                |                | U05063                      |              | DJUP  |
|                    |                |          |                         |                |                |                             |              | 4,5   |



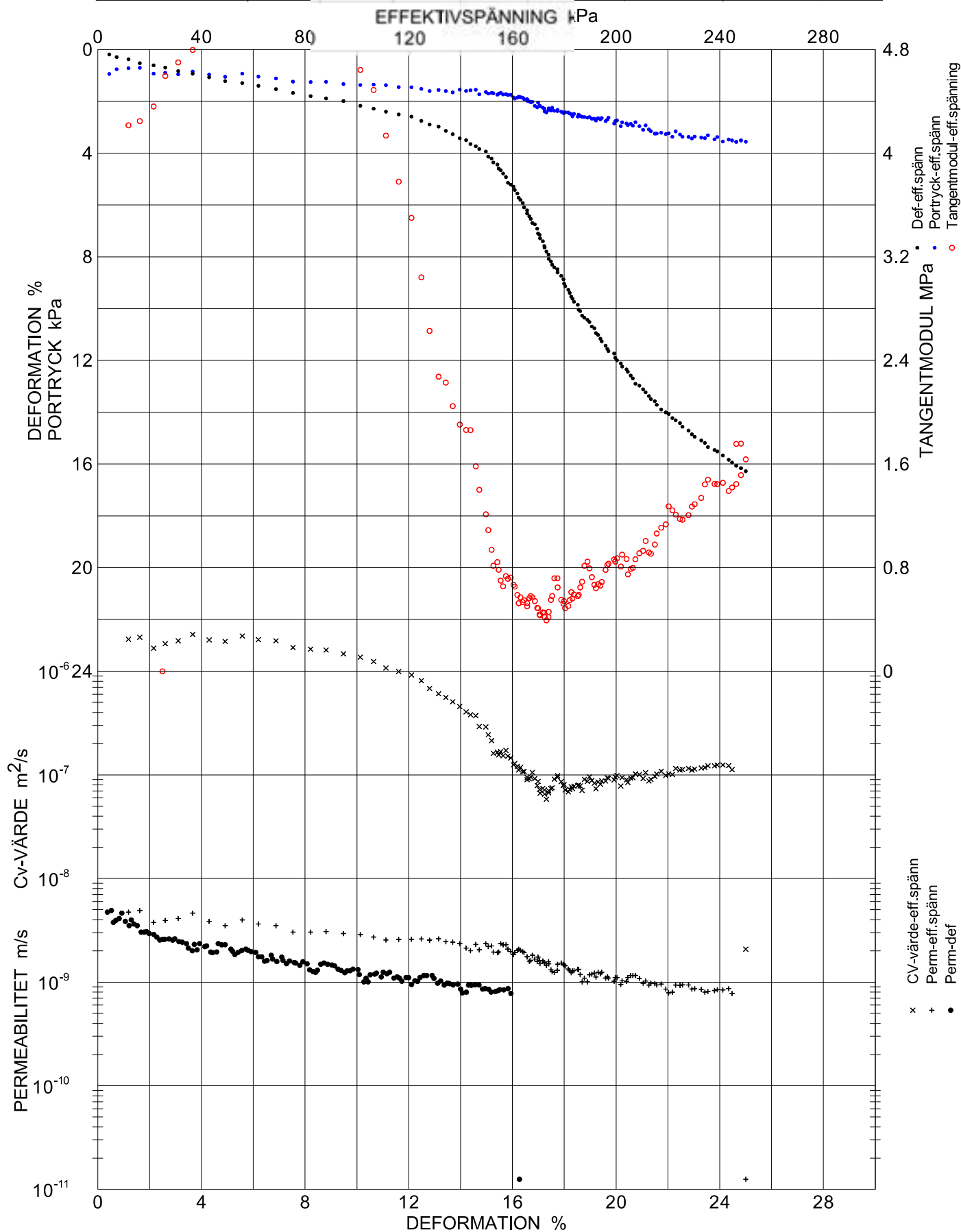
|                              |                      |                |                              |                         |                          |                                                                 |
|------------------------------|----------------------|----------------|------------------------------|-------------------------|--------------------------|-----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>57  | $\rho$ t/m <sup>3</sup><br>— | $\sigma_L$ kPa<br>(108) | $\sigma'_C$ kPa<br>(108) | UPPDRAG<br>Kartåsen, Lidköpings kommun                          |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>41 | $C_v$ m <sup>2</sup> /s<br>— | $M$ kPa<br>(1350)       | $M_L$ kPa<br>(1350)      | ARB.NR. 16049<br>FÖRSÖKS DATUM 20100531<br>PUNKT 52<br>DJUP 5,5 |



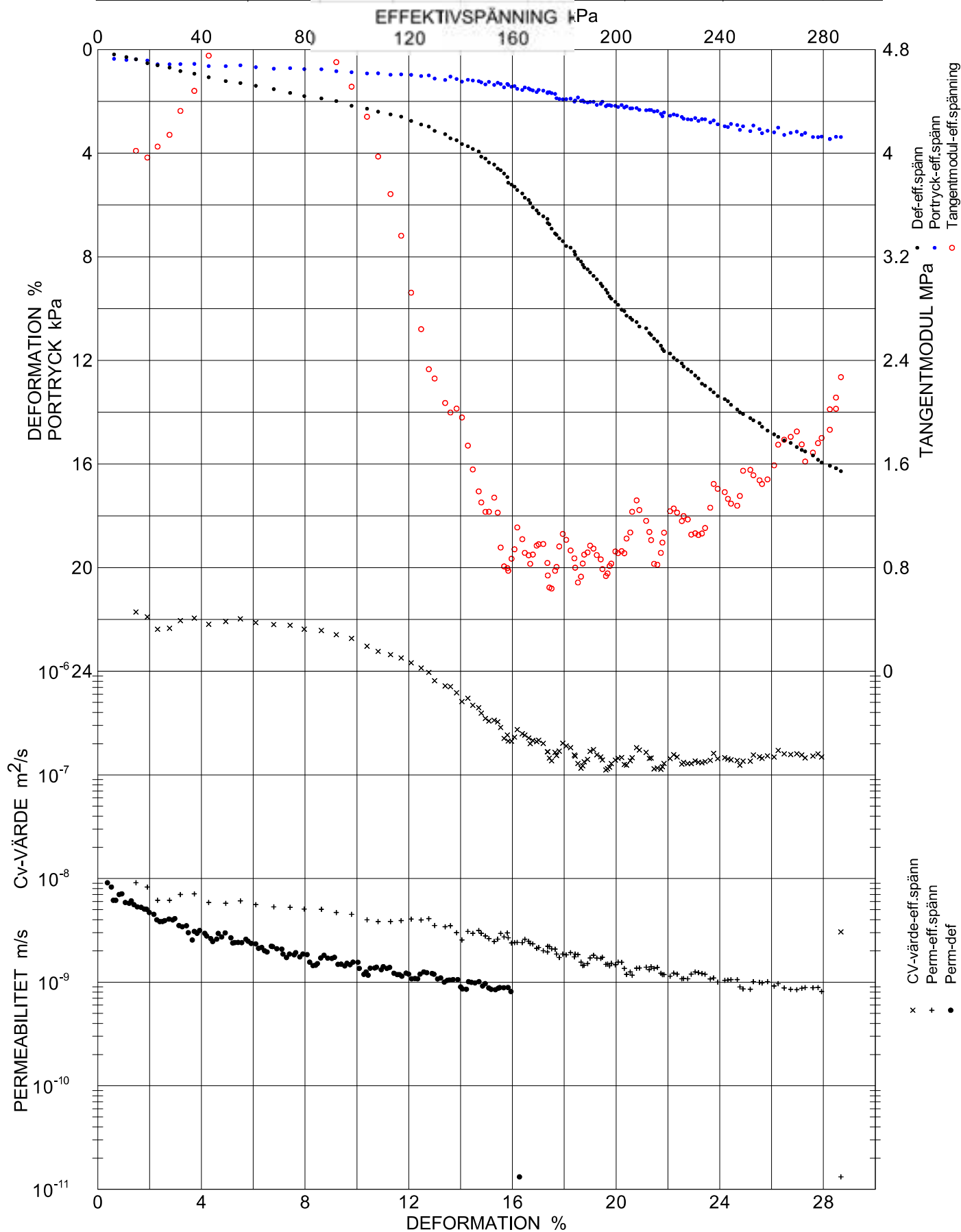
|                              |                      |                |                                 |                |                        |                                                              |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|--------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>60  | $\rho$ t/m <sup>3</sup><br>1,68 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>150 | UPPDRAG<br>Kartåsen, Lidköpings kommun                       |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>40 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>570       | ARB.NR 16049<br>FÖRSÖKS DATUM 20100531<br>PUNKT 52<br>DJUP 7 |



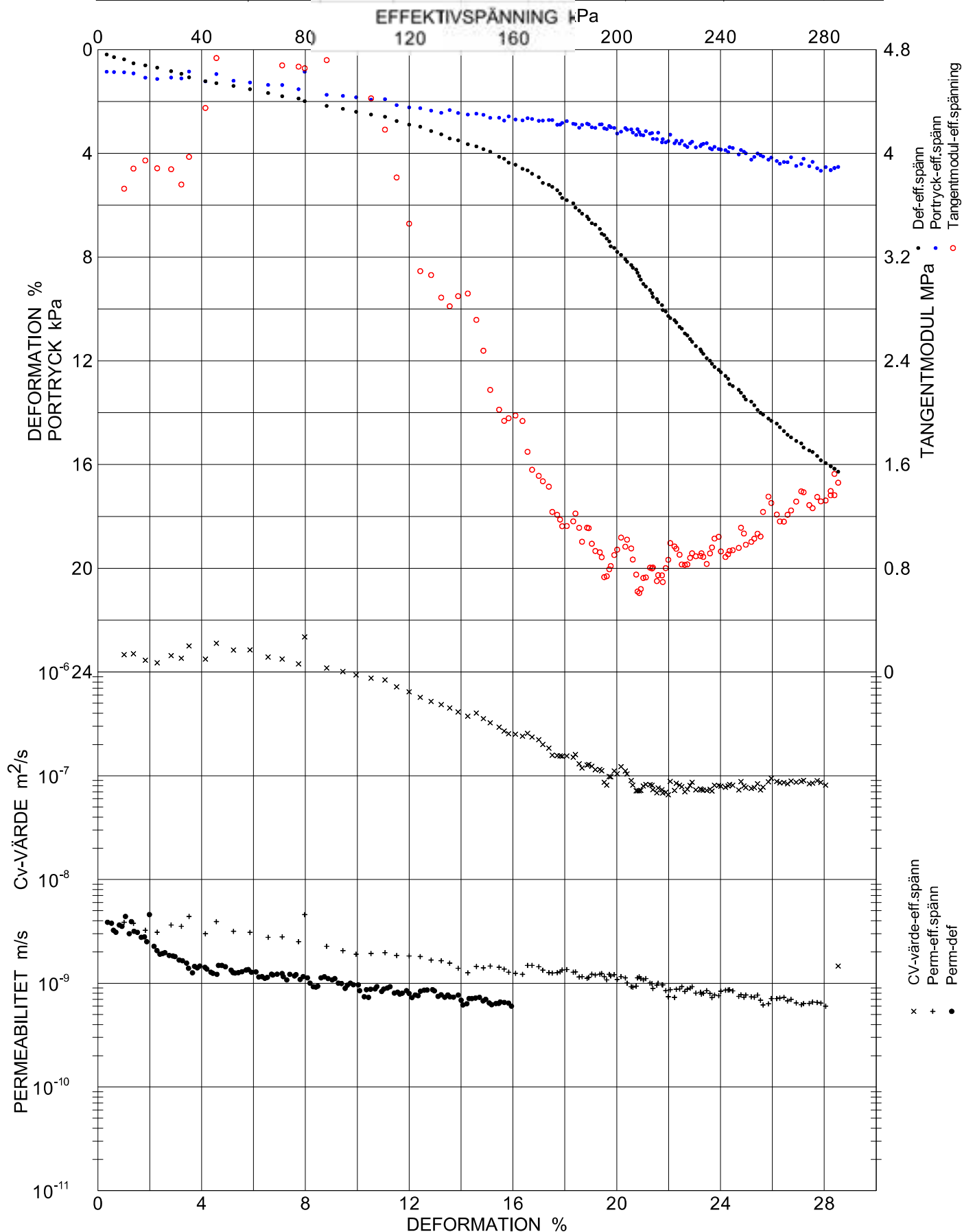
|                    |                |          |                         |                |                 |                             |
|--------------------|----------------|----------|-------------------------|----------------|-----------------|-----------------------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma'_C$ kPa | UPPDRAG                     |
| 0.0025             | 20             | 60       | 1,66                    |                | 135             | Kartåsen, Lidköpings kommun |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $C_v$ m <sup>2</sup> /s | $M$ kPa        | $M_L$ kPa       | ARB.NR 16049                |
| JT                 | 50             | 51       |                         |                | 500             | FÖRSÖKS DATUM 20100601      |
|                    |                |          |                         |                |                 | PUNKT 52                    |
|                    |                |          |                         |                |                 | DJUP 8                      |



|                              |                      |                |                                 |                |                        |                                                               |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|---------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>62  | $\rho$ t/m <sup>3</sup><br>1,66 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>127 | UPPDRAG<br>Kartåsen, Lidköpings kommun                        |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>49 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>850       | ARB.NR. 16049<br>FÖRSÖKS DATUM 20100601<br>PUNKT 52<br>DJUP 9 |

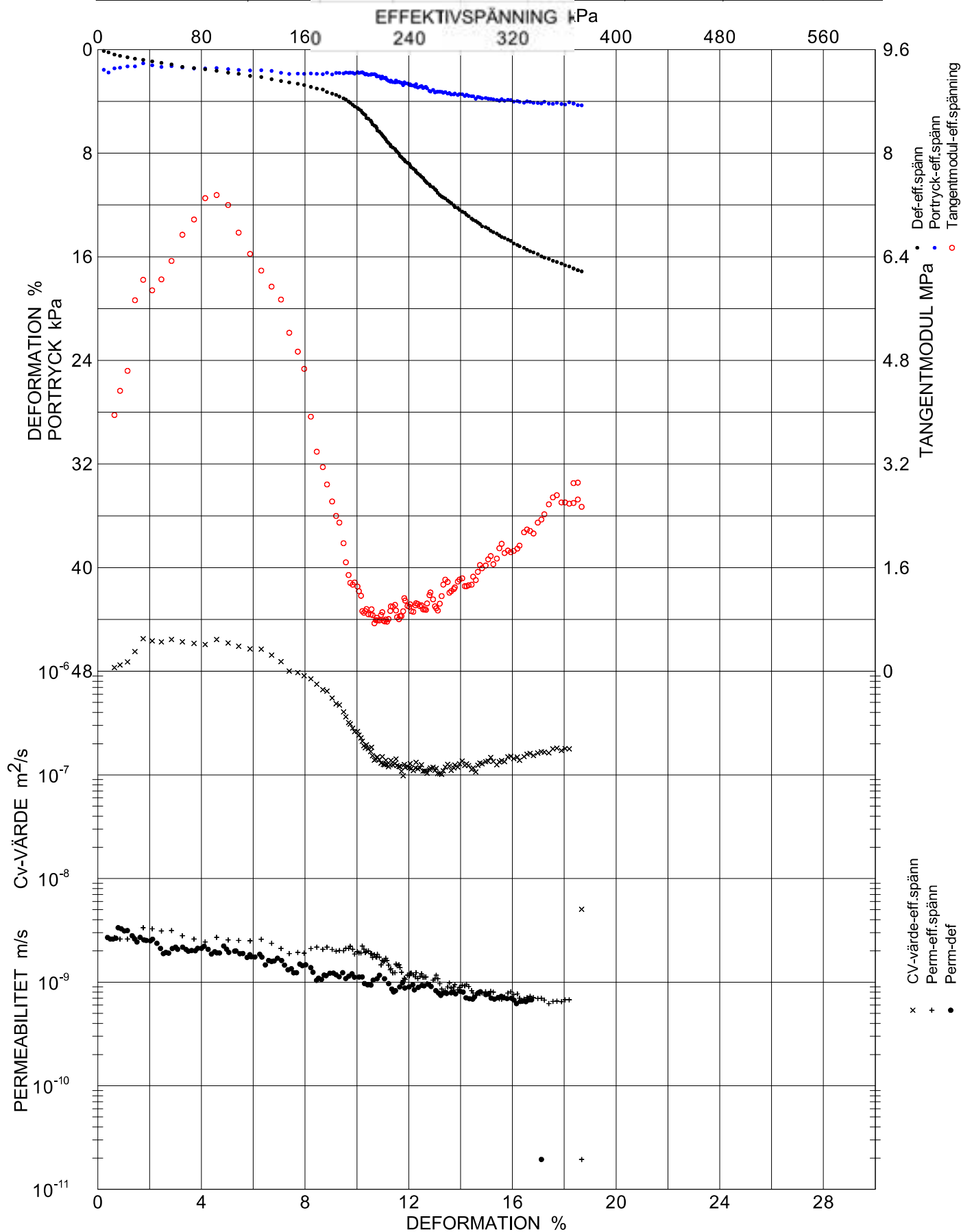


|                    |                |          |                         |                |                 |                             |              |       |
|--------------------|----------------|----------|-------------------------|----------------|-----------------|-----------------------------|--------------|-------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $\sigma_L$ kPa | $\sigma'_C$ kPa | UPPDAG                      |              |       |
| 0.0025             | 20             | 64       | 1,63                    |                | 148             | Kartåsen, Lidköpings kommun |              |       |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $C_v$ m <sup>2</sup> /s | $M$ kPa        | $M_L$ kPa       | ARB.NR                      | FÖRSÖKSDATUM | PUNKT |
| JT                 | 50             | 58       |                         |                | 810             | 16049                       | 20100601     | 52    |
|                    |                |          |                         |                |                 | U05063                      |              | DJUP  |
|                    |                |          |                         |                |                 |                             |              | 10    |

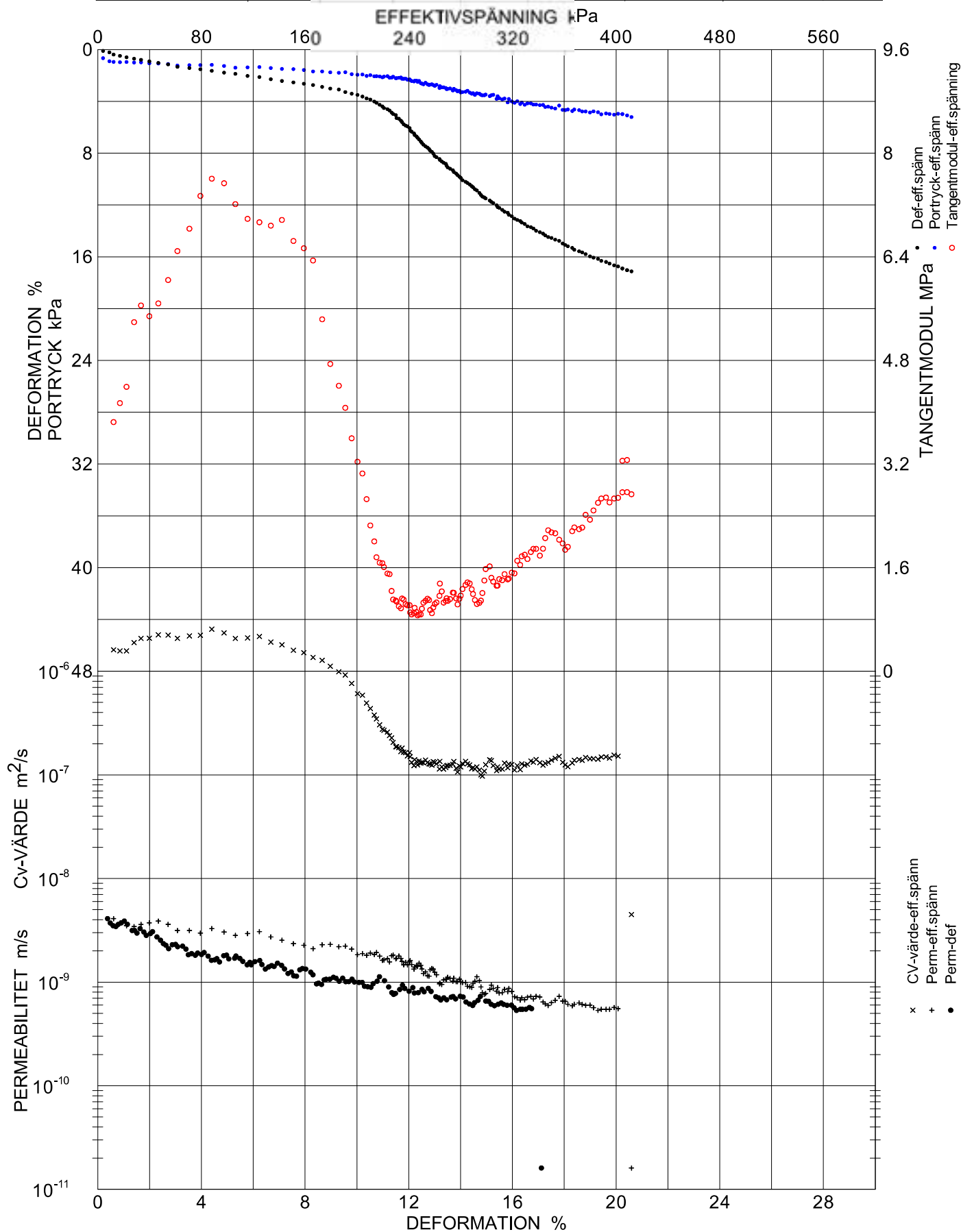




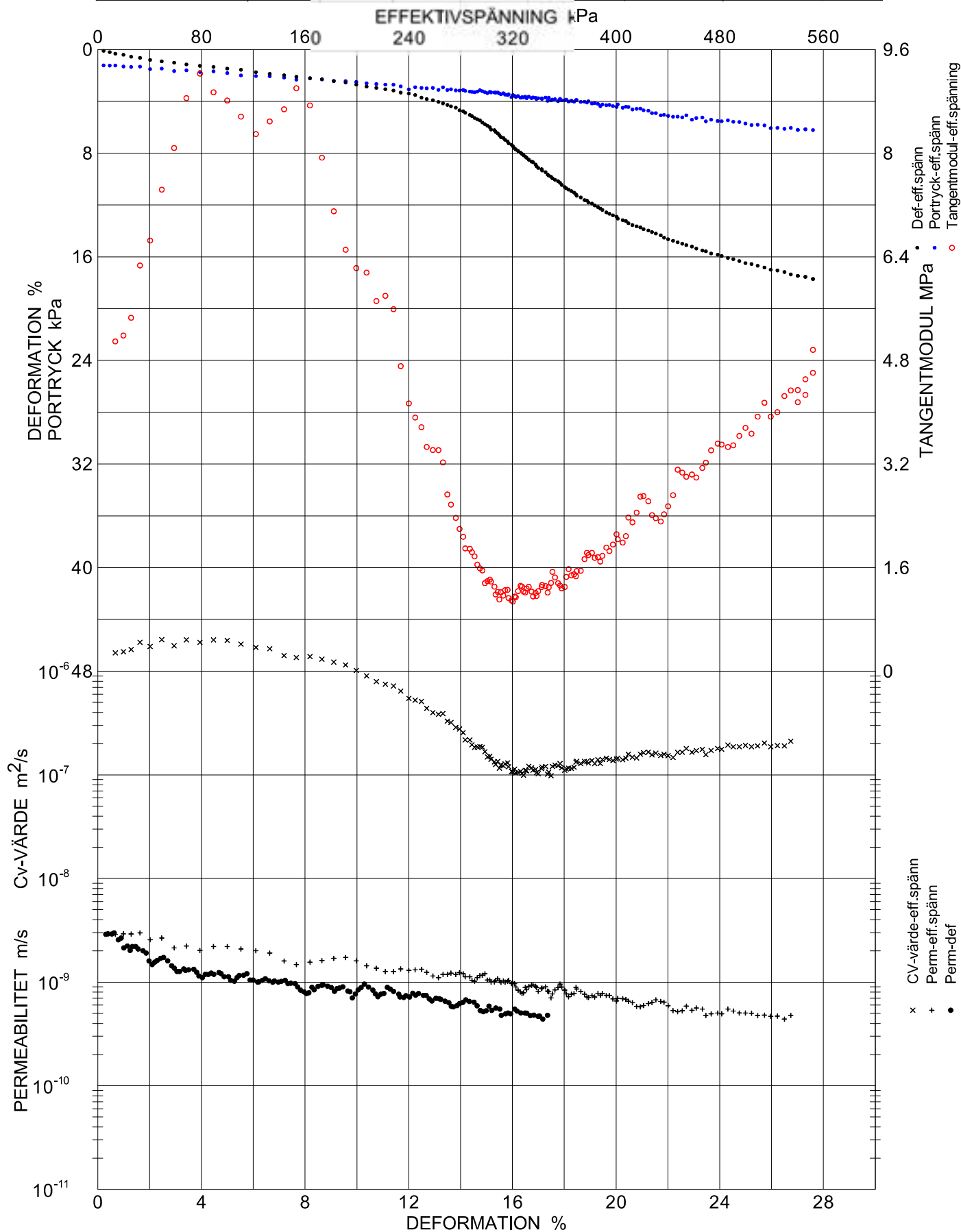
|                              |                      |                |                                 |                |                        |                                        |                          |             |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------|--------------------------|-------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>52  | $\rho$ t/m <sup>3</sup><br>1,68 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>175 | UPPDRAG<br>Kartåsen, Lidköpings kommun |                          |             |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>47 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>875       | ARB.NR<br>16049<br>U05063              | FÖRSÖKSdatum<br>20100607 | PUNKT<br>52 |
|                              |                      |                |                                 |                |                        |                                        | DJUP<br>12               |             |



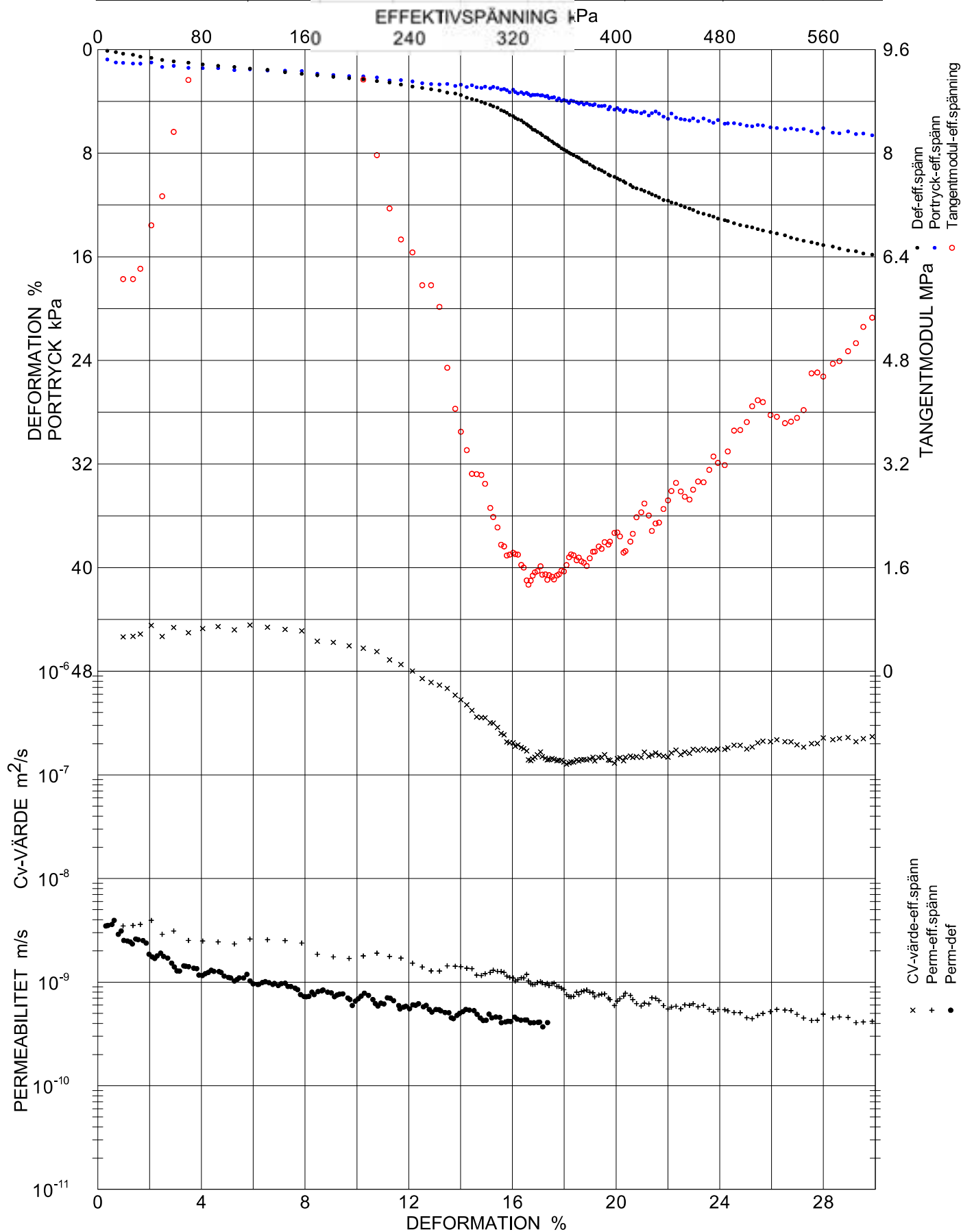
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|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|---------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>65  | $\rho$ t/m <sup>3</sup><br>1,68 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>205 | UPPDRAG<br>Kartåsen, Lidköpings kommun                        |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>48 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1000      | ARB.NR 16049<br>FÖRSÖKS DATUM 20100607<br>PUNKT 52<br>DJUP 14 |



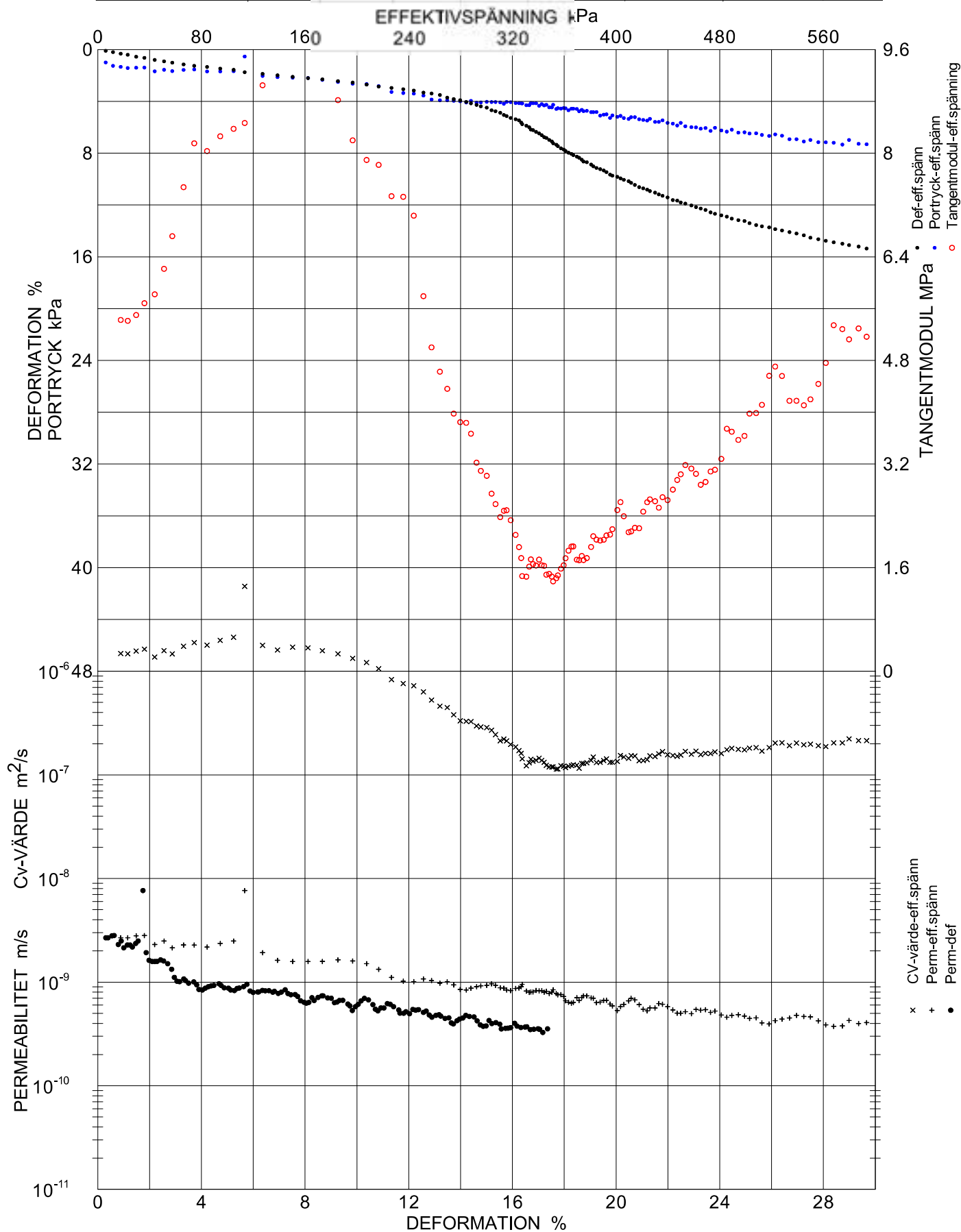
|                              |                      |                |                                 |                |                        |                                                               |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|---------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>56  | $\rho$ t/m <sup>3</sup><br>1,74 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>245 | UPPDAG<br>Kartåsen, Lidköpings kommun                         |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>39 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1250      | ARB.NR 16049<br>FÖRSÖKS DATUM 20100608<br>PUNKT 52<br>DJUP 16 |



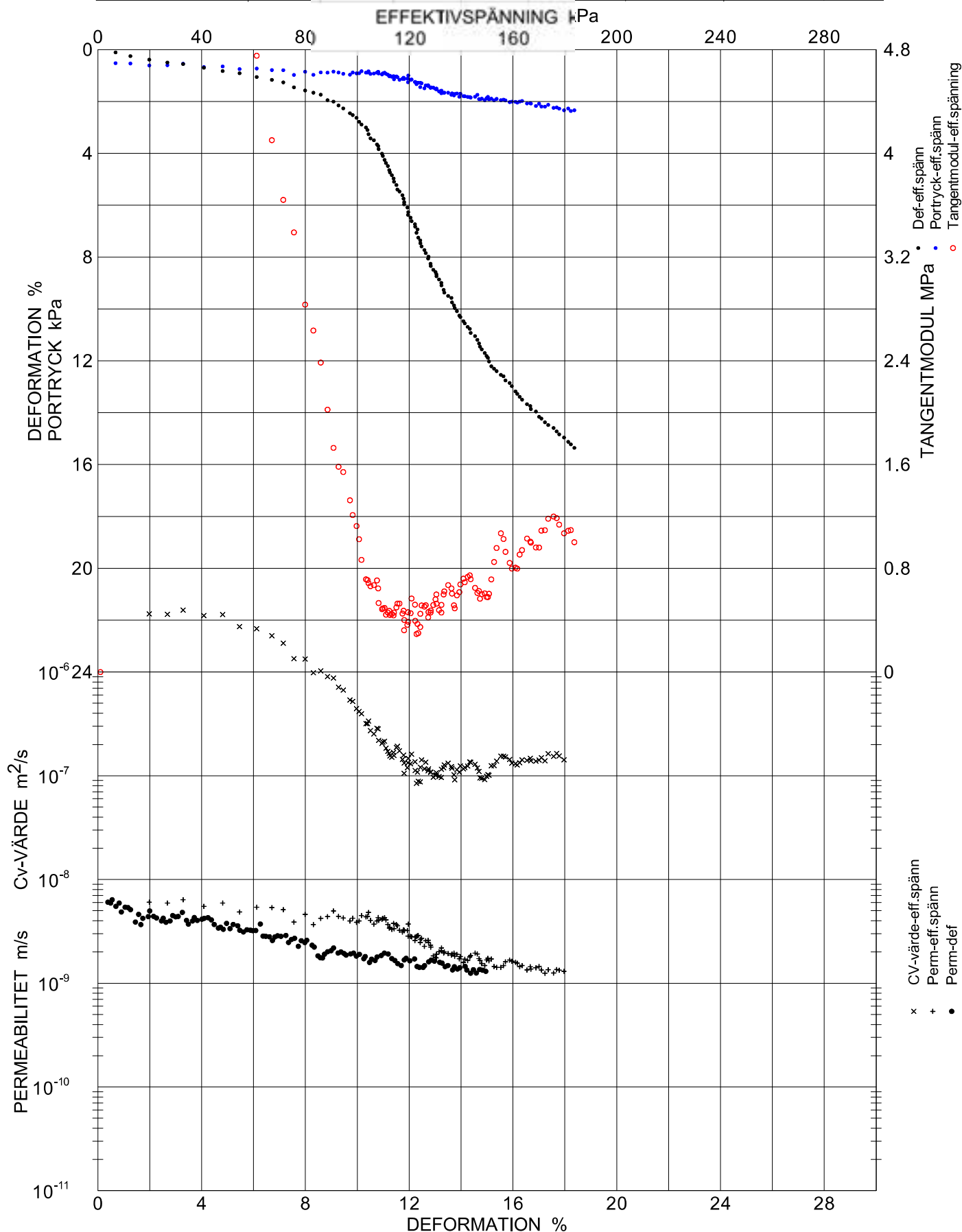
|                              |                      |                |                                 |                |                        |                                                                |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>51  | $\rho$ t/m <sup>3</sup><br>1,75 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>265 | UPPDRAG<br>Kartåsen, Lidköpings kommun                         |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>38 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1540      | ARB.NR. 16049<br>FÖRSÖKS DATUM 20100608<br>PUNKT 52<br>DJUP 18 |



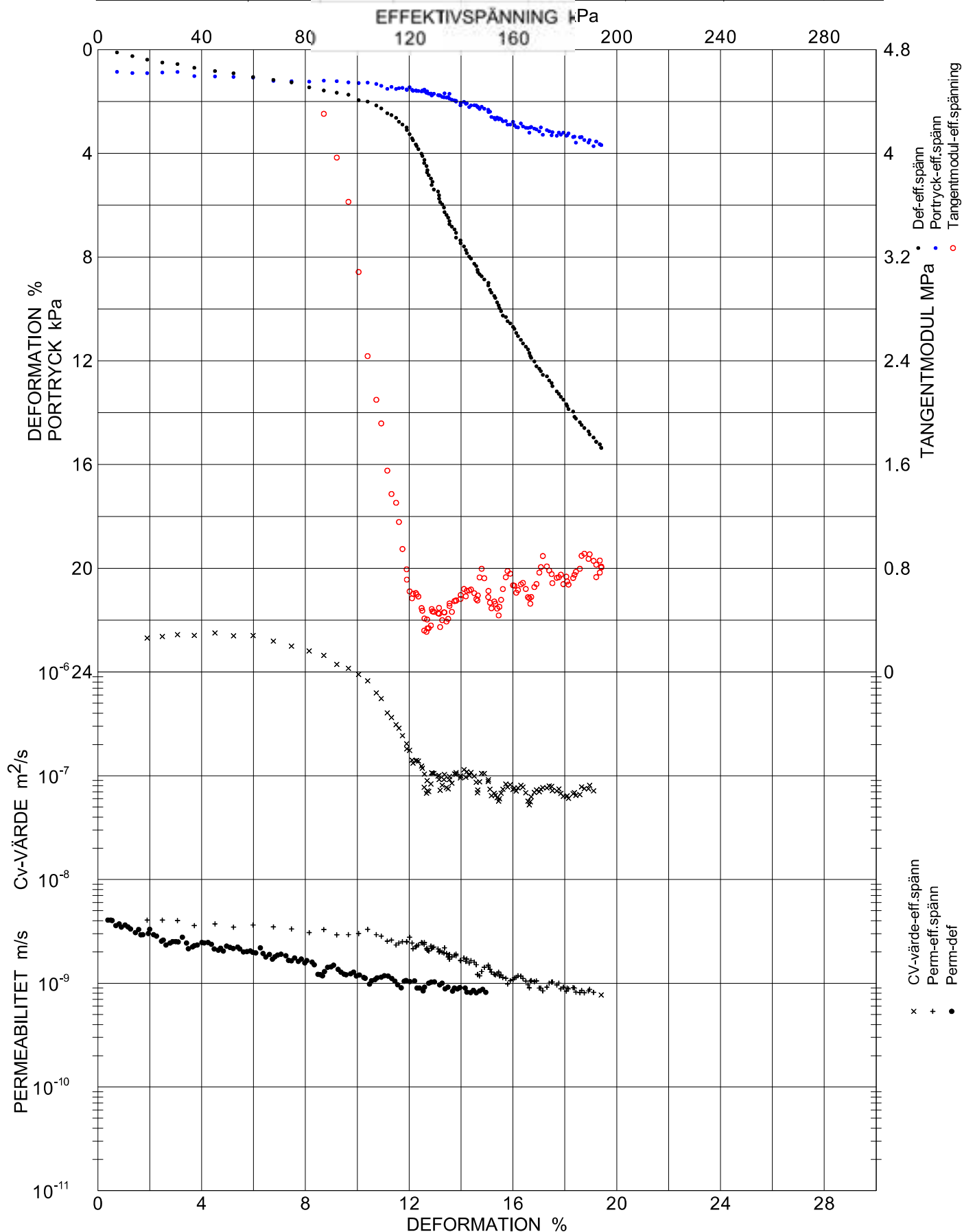
|                              |                      |                |                                 |                |                        |                                        |                          |             |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------|--------------------------|-------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>51  | $\rho$ t/m <sup>3</sup><br>1,79 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>275 | UPPDRAG<br>Kartåsen, Lidköpings kommun |                          |             |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>35 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>1580      | ARB.NR<br>16049<br>U05063              | FÖRSÖKSdatum<br>20100608 | PUNKT<br>52 |
|                              |                      |                |                                 |                |                        |                                        | DJUP<br>20               |             |



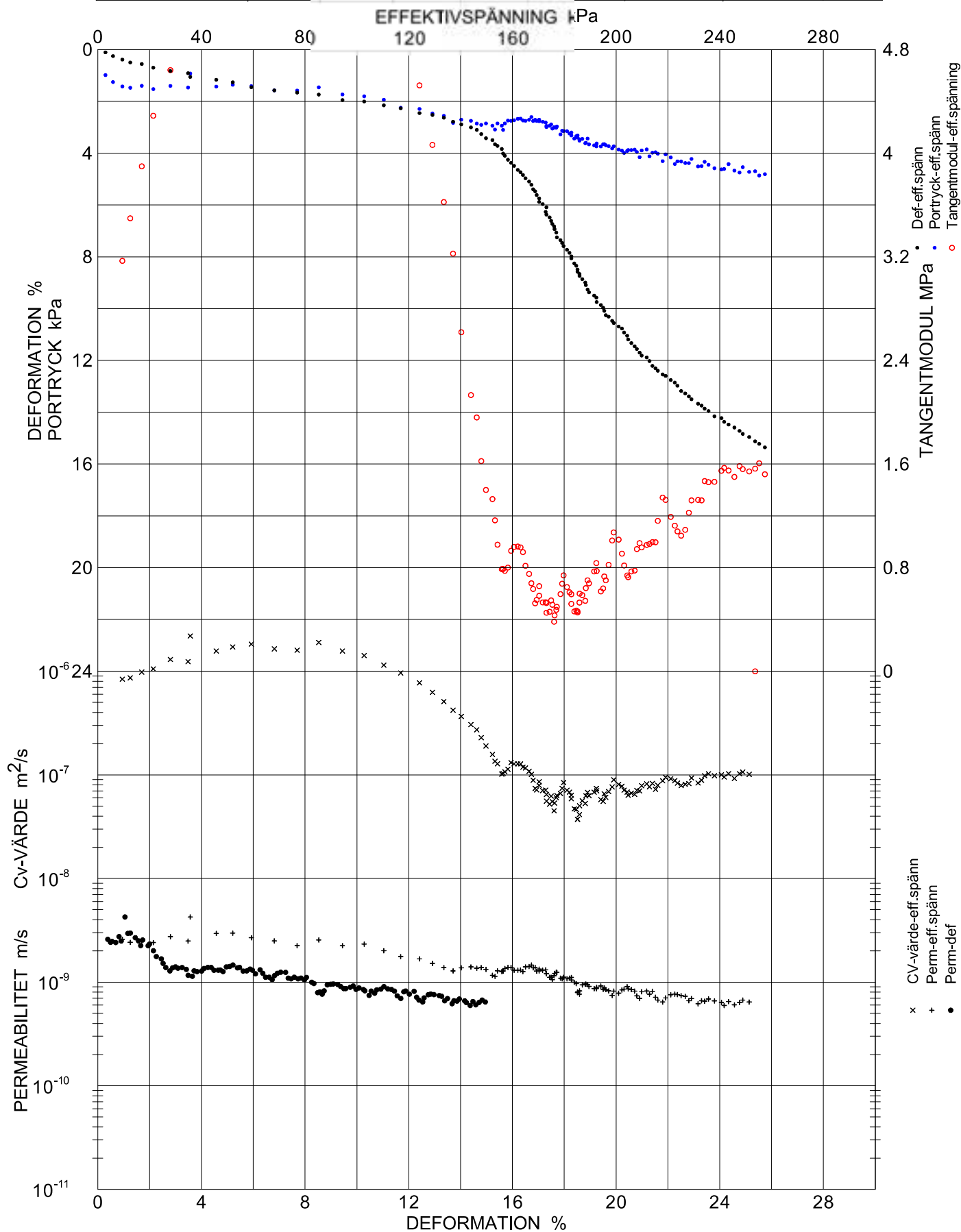
|                              |                      |                |                                 |                |                       |                                                                 |
|------------------------------|----------------------|----------------|---------------------------------|----------------|-----------------------|-----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>70  | $\rho$ t/m <sup>3</sup><br>1,63 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>83 | UPPDRAG<br>Kartåsen, Lidköpings kommun                          |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>52 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>430      | ARB.NR. 16049<br>FÖRSÖKS DATUM 20100510<br>PUNKT 57<br>DJUP 3,5 |



|                              |                      |                |                                 |                |                        |                                                               |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|---------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>70  | $\rho$ t/m <sup>3</sup><br>1,60 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>108 | UPPDRAG<br>Kartåsen, Lidköpings kommun                        |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>59 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>410       | ARB.NR 16049<br>FÖRSÖKSDATUM 20100510<br>PUNKT 57<br>DJUP 4,5 |

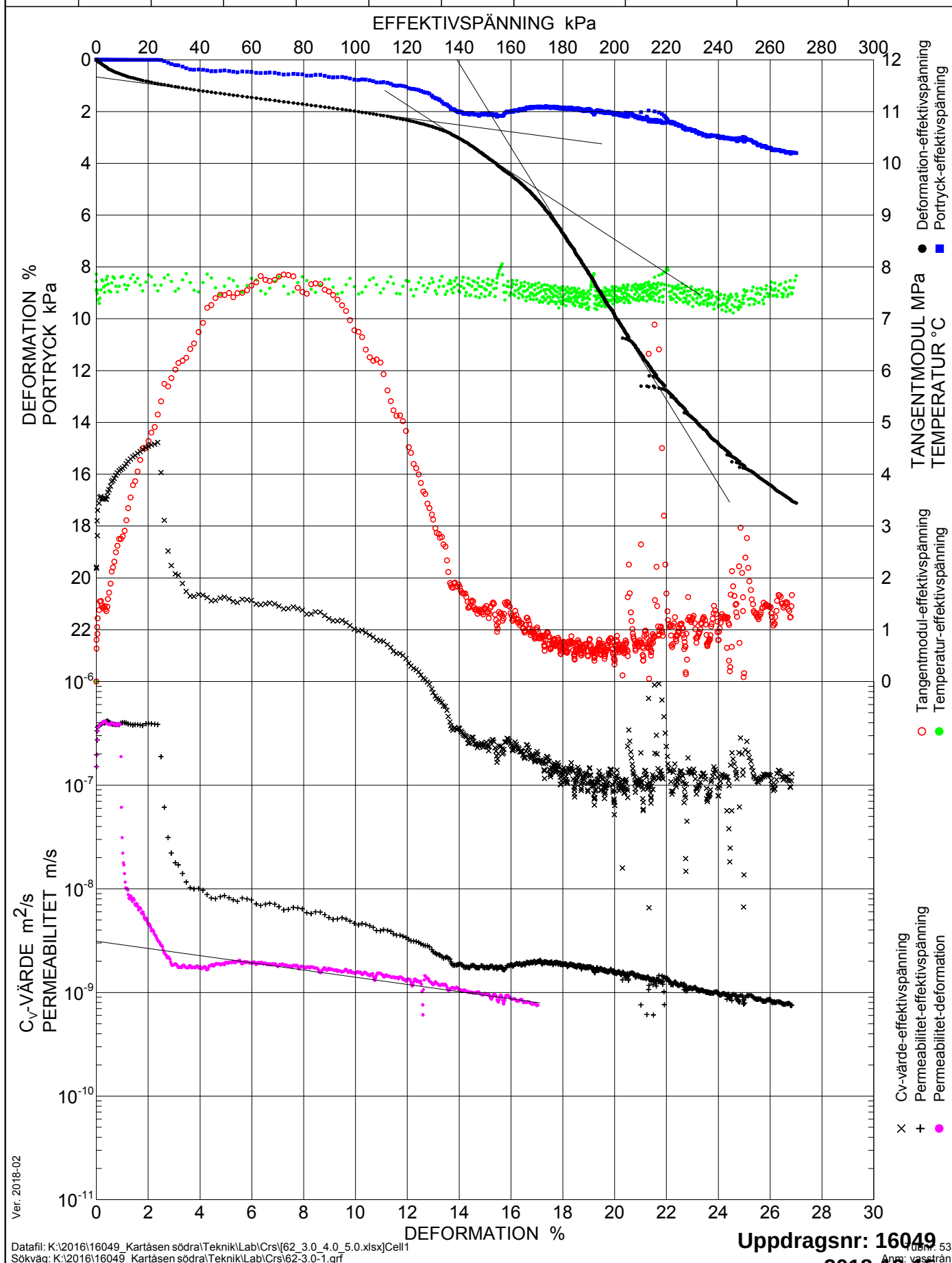


|                              |                      |                |                                 |                |                        |                                                                |
|------------------------------|----------------------|----------------|---------------------------------|----------------|------------------------|----------------------------------------------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>64  | $\rho$ t/m <sup>3</sup><br>1,67 | $\sigma_L$ kPa | $\sigma'_C$ kPa<br>140 | UPPDRAG<br>Kartåsen, Lidköpings kommun                         |
| SIGN.<br>JT                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>49 | $C_v$ m <sup>2</sup> /s         | $M$ kPa        | $M_L$ kPa<br>540       | ARB.NR 16049<br>FÖRSÖKS DATUM 20100510<br>PUNKT 57<br>DJUP 5,5 |

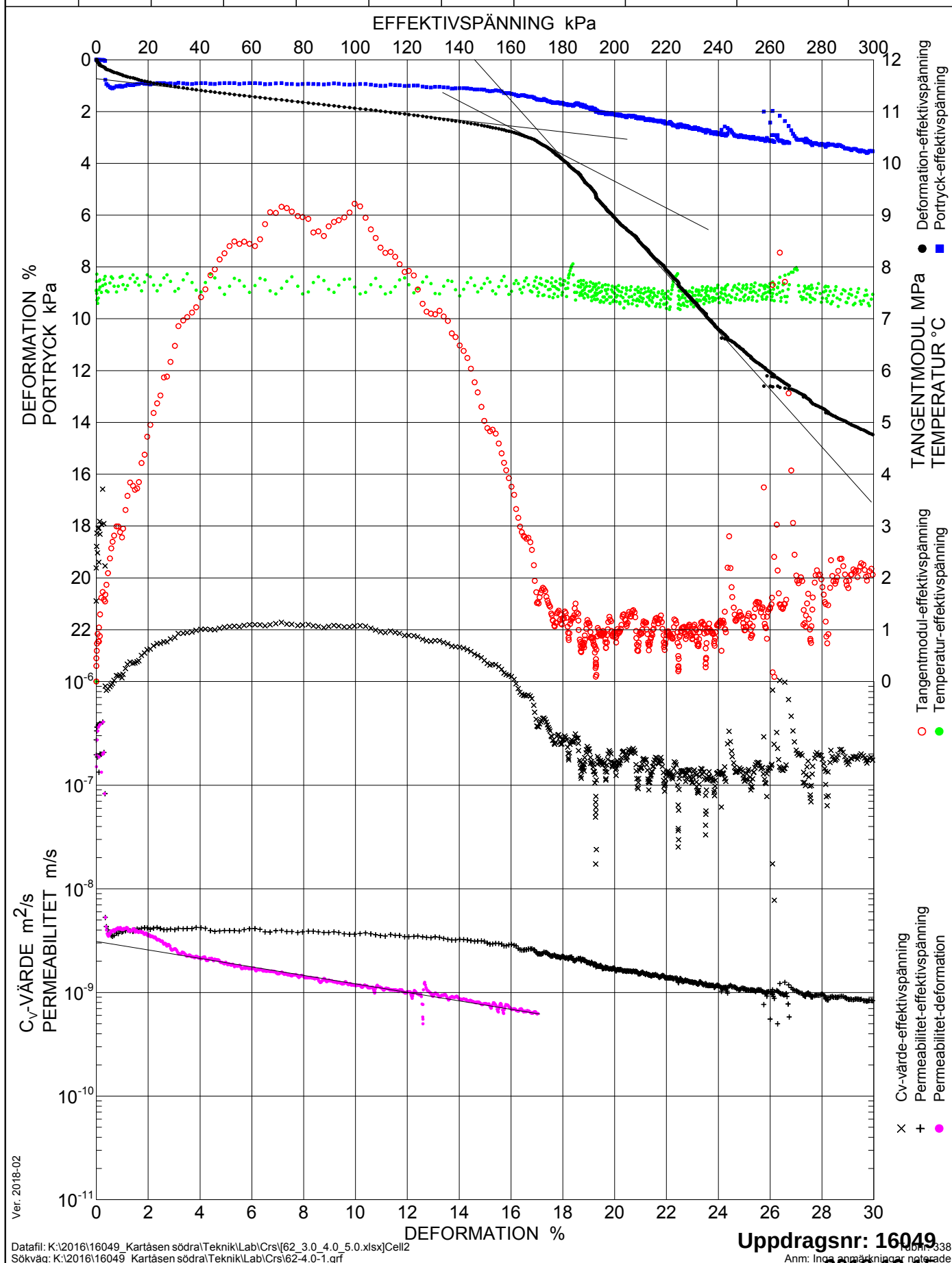




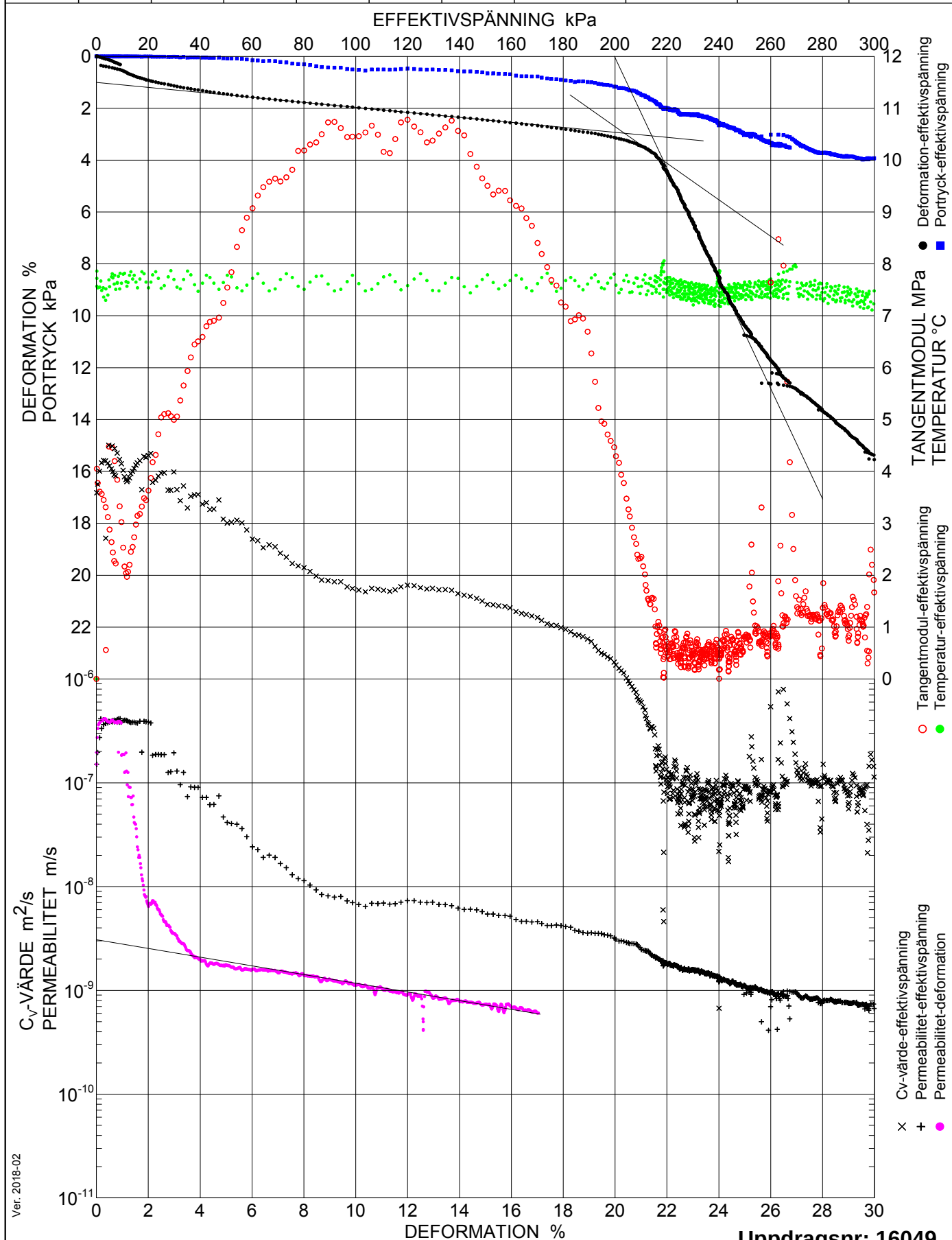
|                              |                      |                |                                 |                       |                 |                        |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>57  | $\rho$ t/m <sup>3</sup><br>1.62 | $k_v$ m/s<br>3E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>130 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>AS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>54 | $\varepsilon_{vol}$ %<br>1.72   | $\beta_k$ m/s<br>3.48 | $M'$            | $M_L$ kPa<br>617       | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-19 | PUNKT<br>62 | DJUP-FÖRSÖKSNR<br>3.0-1 |



|                              |                      |                |                                 |                       |                |                       |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|----------------|-----------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>53  | $\rho$ t/m <sup>3</sup><br>1.68 | $k_v$ m/s<br>3E-09    | $\sigma_L$ kPa | $\sigma_c$ kPa<br>158 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>AS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>45 | $\varepsilon_{vol}$ %<br>1.80   | $\beta_k$ m/s<br>4.10 | $M'$           | $M_L$ kPa<br>897      | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-19 | PUNKT<br>62 | DJUP-FÖRSÖKSNR<br>4.0-1 |



|                              |                      |                |                                 |                       |                 |                        |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>57  | $\rho$ t/m <sup>3</sup><br>1.69 | $k_v$ m/s<br>3E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>204 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>AS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>45 | $\varepsilon_{vol}$ %<br>1.96   | $\beta_k$ m/s<br>4.20 | $M'$            | $M_L$ kPa<br>470       | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-19 | PUNKT<br>62 | DJUP-FÖRSÖKSNR<br>5.0-1 |



Ver. 2018-02

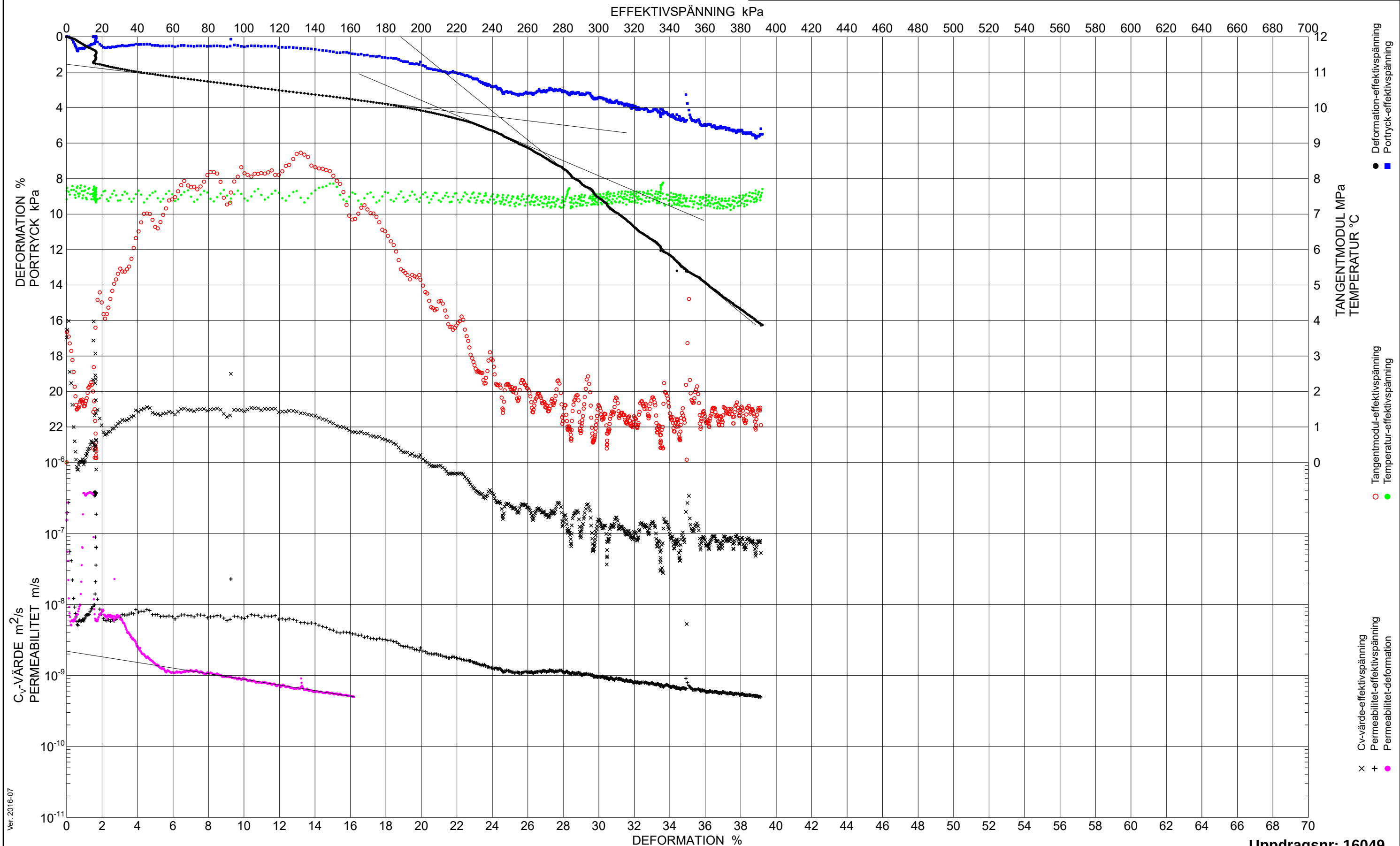
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Uppdragsnr: 16049

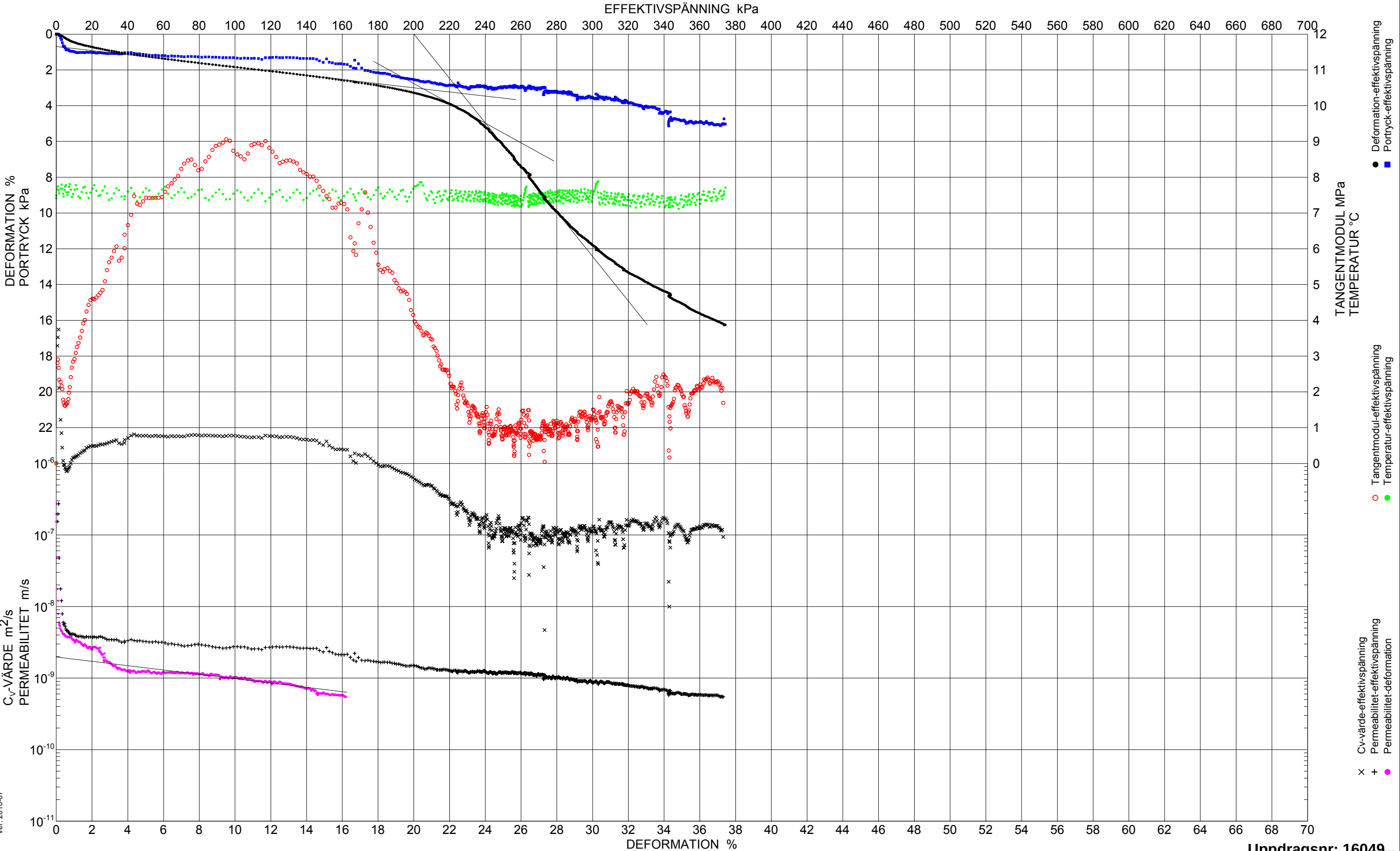
Anm: Inga anmärkningar noterade

2018-12-15

|                    |                |          |                         |               |                |                |                    |                            |             |                         |
|--------------------|----------------|----------|-------------------------|---------------|----------------|----------------|--------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $k_f$ m/s     | $\sigma_L$ kPa | $\sigma_c$ kPa | UPPDRA<br>KARTÅSEN |                            |             |                         |
| 0.0025             | 20             | 60       | 1.64                    | 2E-09         |                | 214            |                    |                            |             |                         |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $\varepsilon_{vol}$ %   | $\beta_k$ m/s | M'             | ML kPa         | UPPDRA<br>16049    | FÖRSÖKSDATUM<br>2018-06-20 | PUNKT<br>62 | DJUP-FÖRSÖKSNR<br>6.0-1 |
| AS                 | 50             | 57       | 2.62                    | 3.97          |                | 1233           |                    |                            |             |                         |

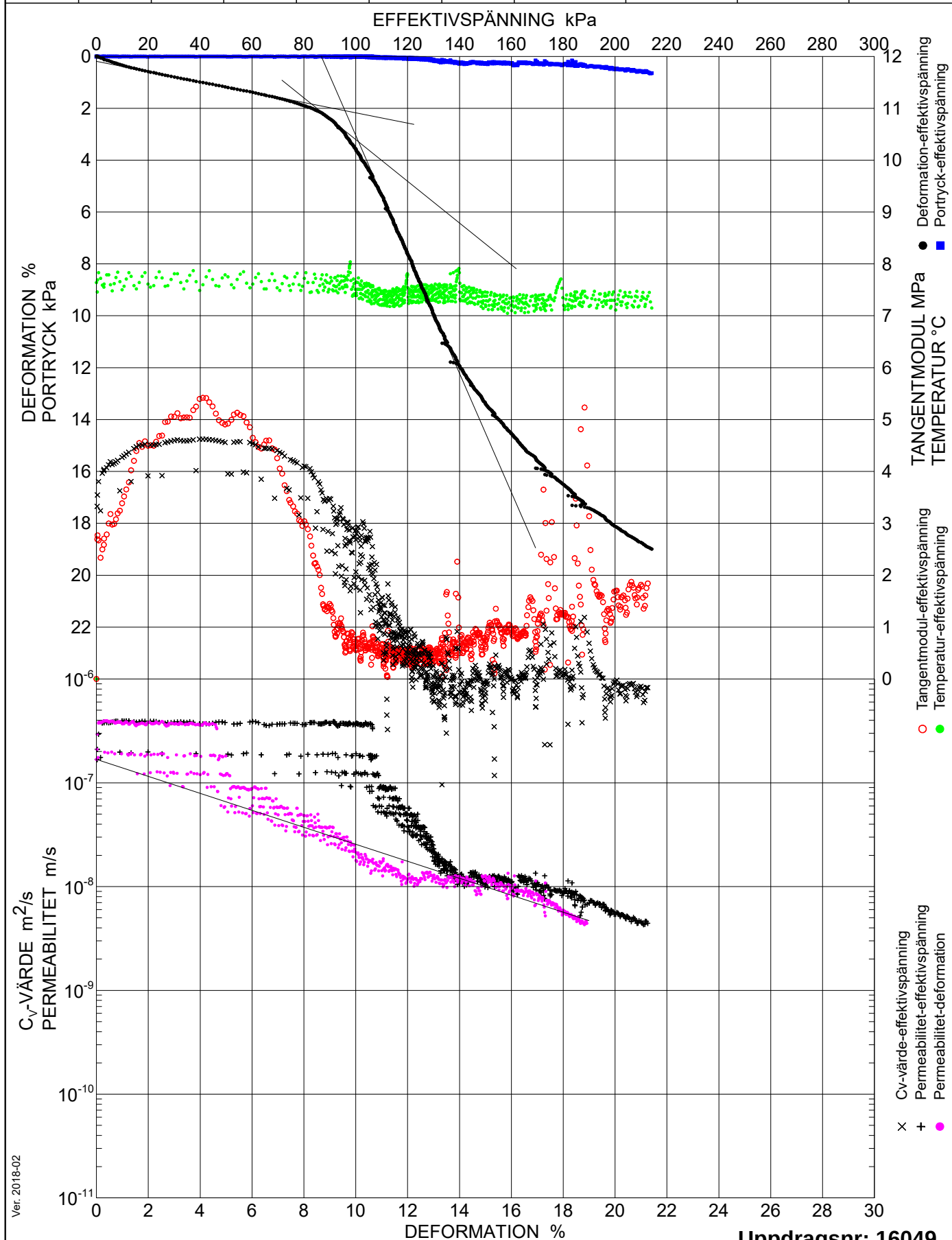


|                    |                |          |                    |                    |                    |                    |                     |              |       |                |
|--------------------|----------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------|-------|----------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | ρ t/m³             | k <sub>i</sub> m/s | σ <sub>L</sub> kPa | σ <sub>c</sub> kPa | UPPDRAG<br>KARTÅSEN |              |       |                |
| 0.0025             | 20             | 57       | 1.67               | 2E-09              |                    | 205                |                     |              |       |                |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | ε <sub>vol</sub> % | β <sub>k</sub> m/s | M'                 | ML kPa             | UPPDRAGSNR          | FÖRSÖKSDATUM | PUNKT | DJUP-FÖRSÖKSNR |
| AS                 | 50             | 50       | 2.37               | 3.03               |                    | 803                | 16049               | 2018-06-20   | 62    | 7.0-1          |





|                              |                      |                |                                 |                       |                 |                       |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|-----------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>65  | $\rho$ t/m <sup>3</sup><br>1.61 | $k_v$ m/s<br>2E-07    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>83 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>AS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>58 | $\varepsilon_{vol}$ %<br>1.65   | $\beta_k$ m/s<br>8.18 | $M'$            | $M_L$ kPa<br>436      | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-21 | PUNKT<br>72 | DJUP-FÖRSÖKSNR<br>3.0-1 |



Ver. 2018-02

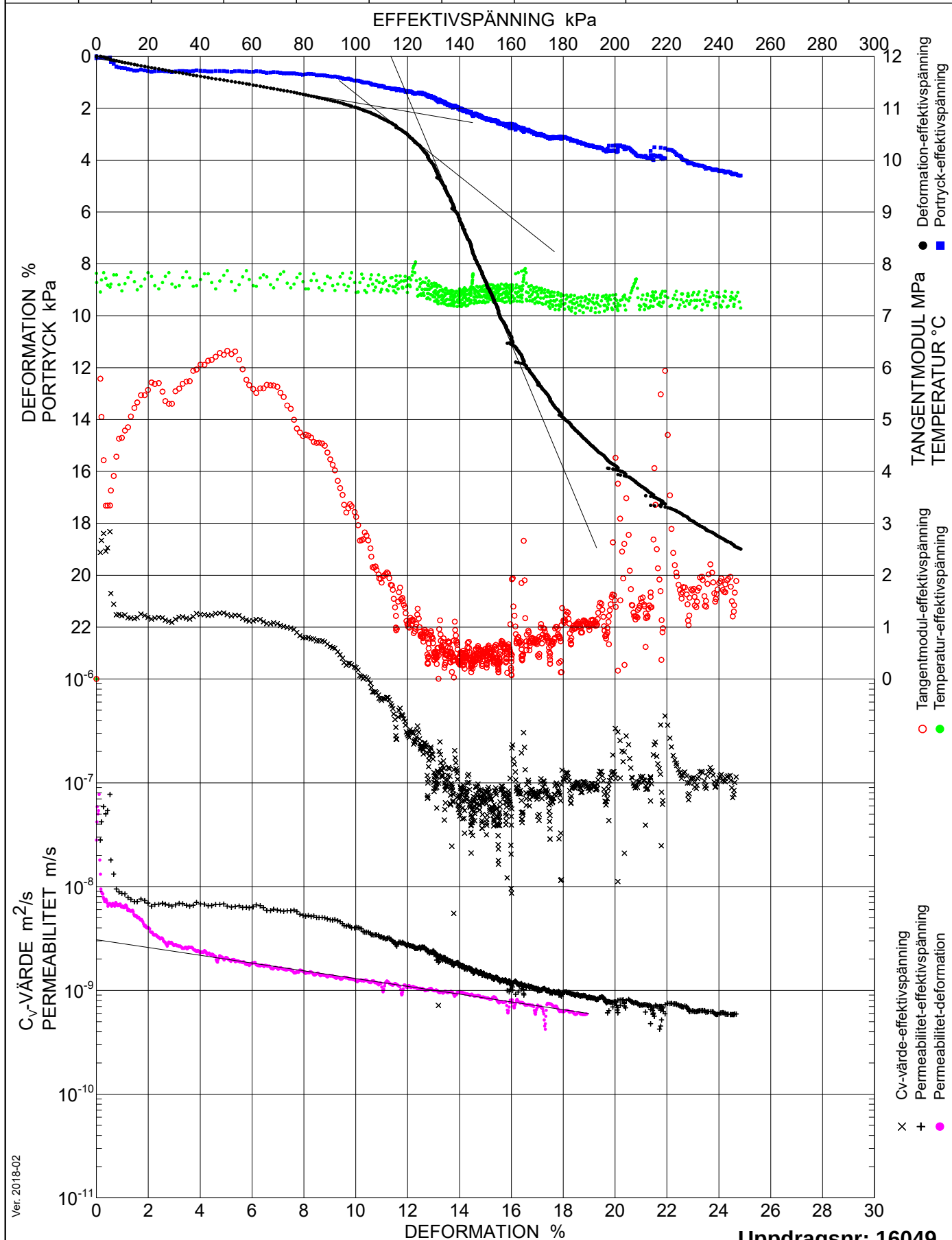
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Uppdragsnr: 16049

2018-12-15

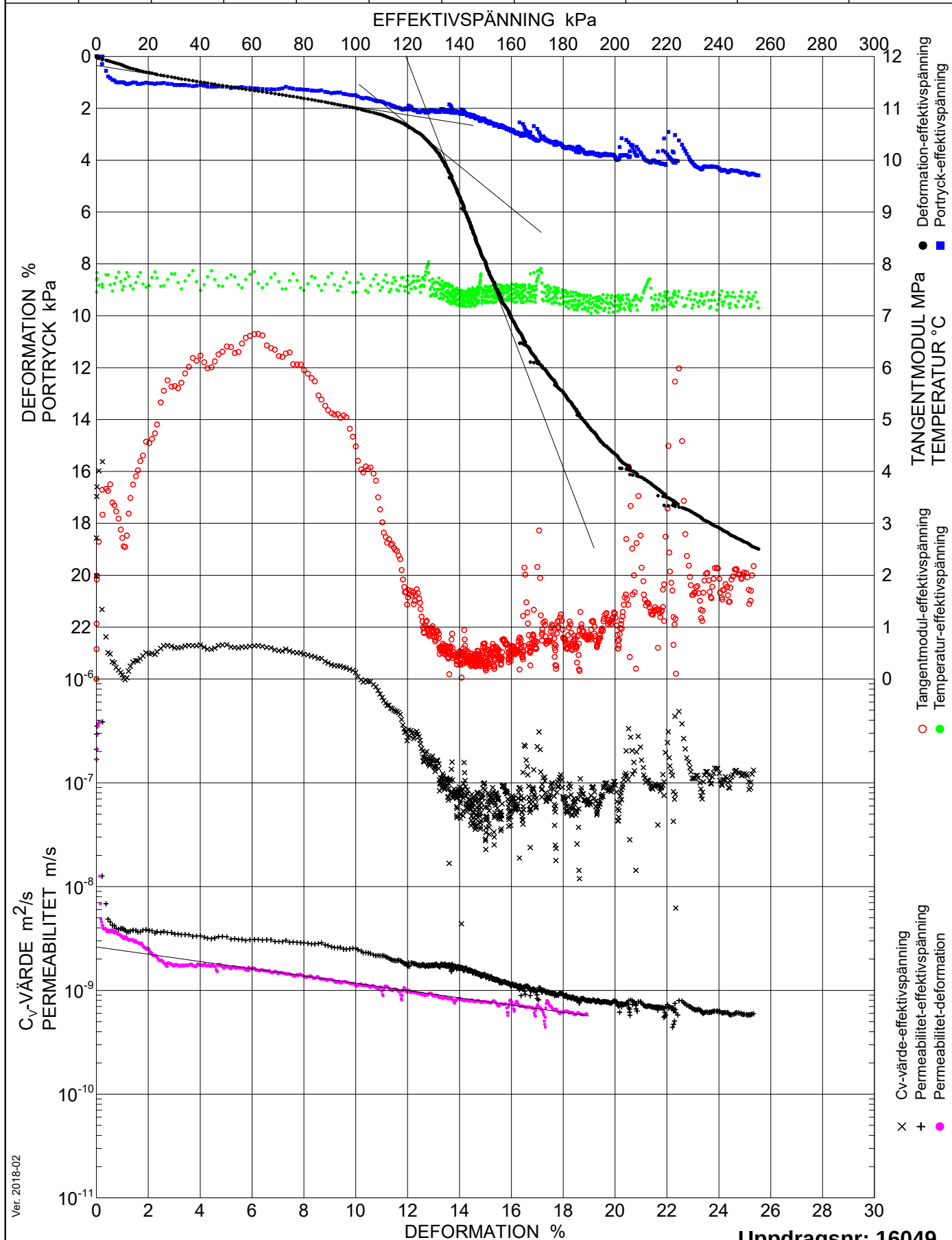


|                    |                |          |                         |               |                 |                    |                     |              |       |                |
|--------------------|----------------|----------|-------------------------|---------------|-----------------|--------------------|---------------------|--------------|-------|----------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $k_v$ m/s     | $\sigma'_L$ kPa | $\sigma'_c$ kPa    | UPPDRAG<br>KARTÅSEN |              |       |                |
| 0.0025             | 20             | 63       | 1.63                    | 3E-09         |                 | 105                |                     |              |       |                |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $\varepsilon_{vol}$ %   | $\beta_k$ m/s | M'              | M <sub>L</sub> kPa | UPPDRAGSNR          | FÖRSÖKSDATUM | PUNKT | DJUP-FÖRSÖKSNR |
| AS                 | 50             | 52       | 1.79                    | 3.75          |                 | 419                | 16049               | 2018-06-21   | 72    | 4.0-1          |





|                              |                      |                |                                 |                       |                 |                        |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>54  | $\rho$ t/m <sup>3</sup><br>1.63 | $k_v$ m/s<br>3E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>115 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>AS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>56 | $\varepsilon_{vol}$ %<br>1.83   | $\beta_k$ m/s<br>3.51 | $M'$            | $M_L$ kPa<br>383       | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-21 | PUNKT<br>72 | DJUP-FÖRSÖKSNR<br>5.0-1 |



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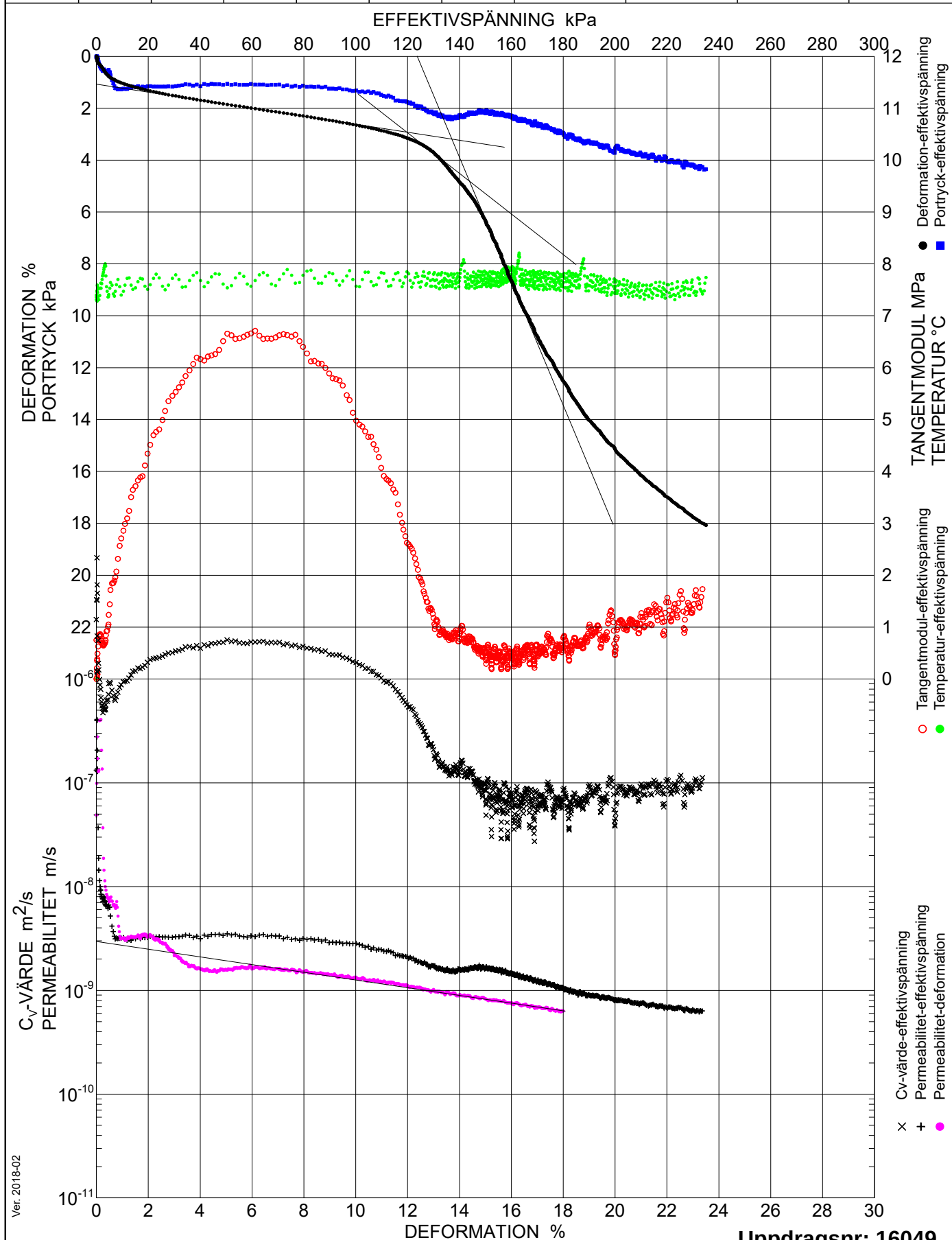
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Uppdragsnr: 16049

Anm: Inga anmärkningar noterade

2018-12-15

|                    |                |          |                         |               |                |                |                    |                       |             |                       |
|--------------------|----------------|----------|-------------------------|---------------|----------------|----------------|--------------------|-----------------------|-------------|-----------------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $k_f$ m/s     | $\sigma_L$ kPa | $\sigma_c$ kPa | UPPDRA<br>KARTÅSEN |                       |             |                       |
| 0.0025             | 20             | 71       | 1.64                    | 3E-09         |                | 120            |                    |                       |             |                       |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $\epsilon_{vol}$ %      | $\beta_k$ m/s | M'             | ML kPa         | UPPDRA<br>16049    | FÖRSÖKS<br>2018-06-25 | PUNKT<br>72 | DJUP-FÖRSÖKS<br>6.0-1 |
| AS                 | 50             | 49       | 1.85                    | 3.71          |                | 418            |                    |                       |             |                       |



EFFEKTIVSPÄNNING kPa

DEFORMATION %

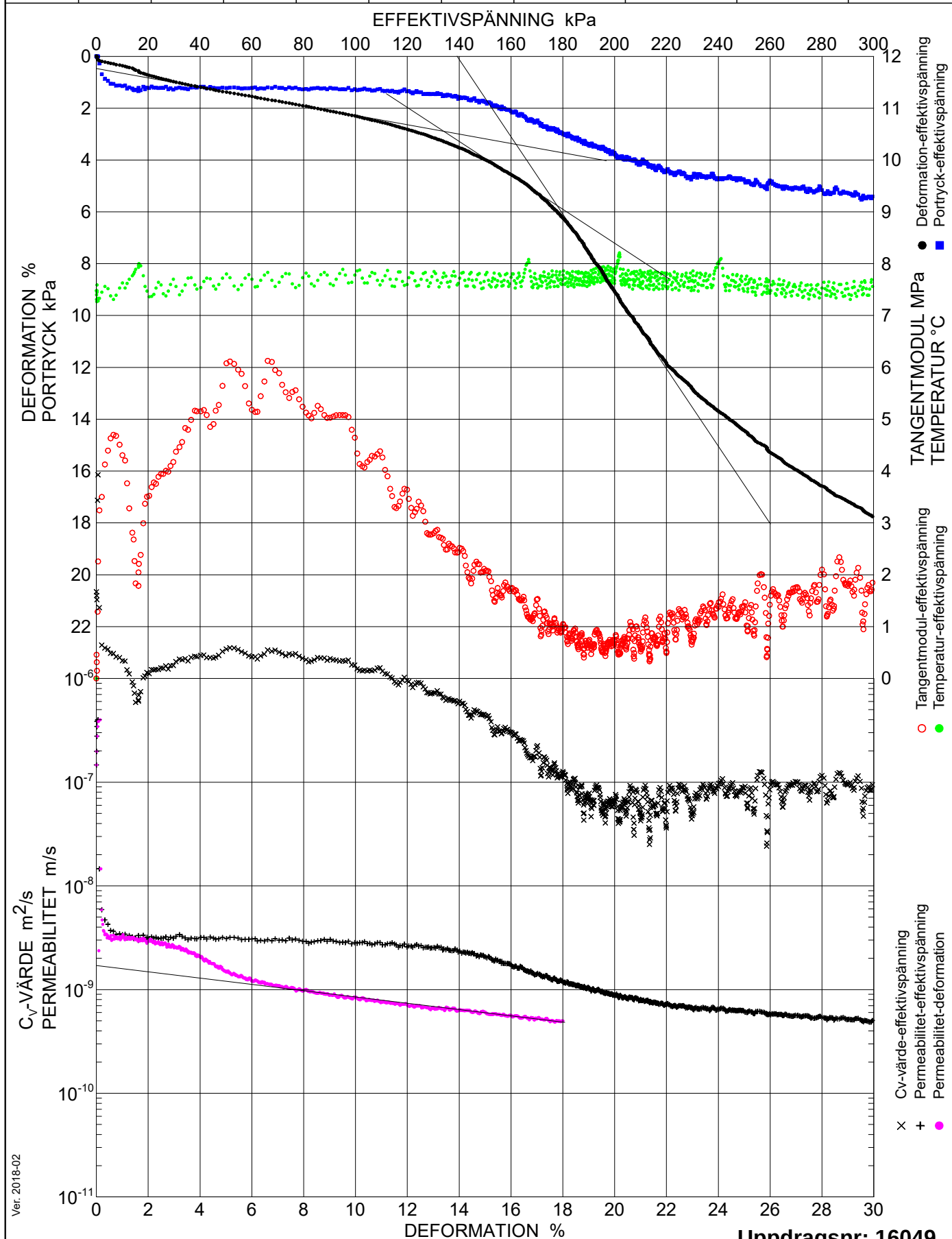
UPPDRAGSNR: 16049

Deformation-effektivspänning  
 Portryck-effektivspänning  
 Tangentmodul-effektivspänning  
 Temperatur-effektivspänning  
 Cv-värde-effektivspänning  
 Permeabilitet-effektivspänning  
 Permeabilitet-deformation

Var. 2018-02

Datafil: K:\2016\16049 Kartäsen södra\Teknik\Lab\Crs\72\_6.0\_7.0\_8.0.xls\Cell2  
 Sökväg: K:\2016\16049 Kartäsen södra\Teknik\Lab\Crs\72-7.0-1.grf

|                              |                      |                |                                 |                       |                 |                           |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|---------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>56  | $\rho$ t/m <sup>3</sup><br>1.68 | $k_v$ m/s<br>2E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>134    | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>AS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>45 | $\varepsilon_{vol}$ %<br>2.42   | $\beta_k$ m/s<br>3.04 | M'              | M <sub>L</sub> kPa<br>671 | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-25 | PUNKT<br>72 | DJUP-FÖRSÖKSNR<br>8.0-1 |



Ver. 2018-02

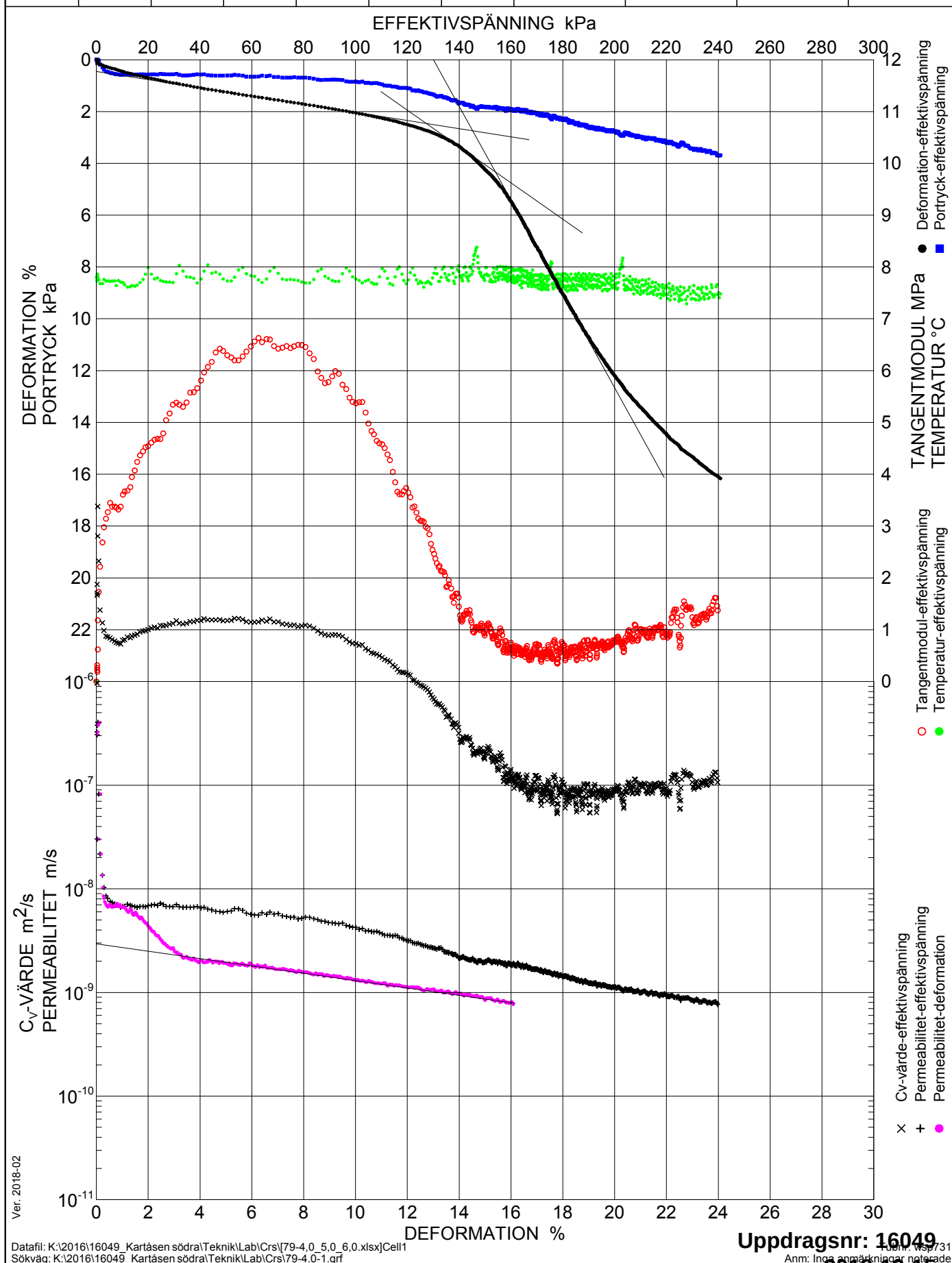
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Uppdragsnr: 16049

Anm: Inga anmärkningar noterade

2018-12-15

|                              |                      |                |                                 |                       |                 |                        |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>76  | $\rho$ t/m <sup>3</sup><br>1.63 | $k_v$ m/s<br>3E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>127 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>IS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>53 | $\varepsilon_{vol}$ %<br>2.01   | $\beta_k$ m/s<br>3.55 | $M'$            | $M_L$ kPa<br>552       | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-26 | PUNKT<br>79 | DJUP-FÖRSÖKSNR<br>4.0-1 |

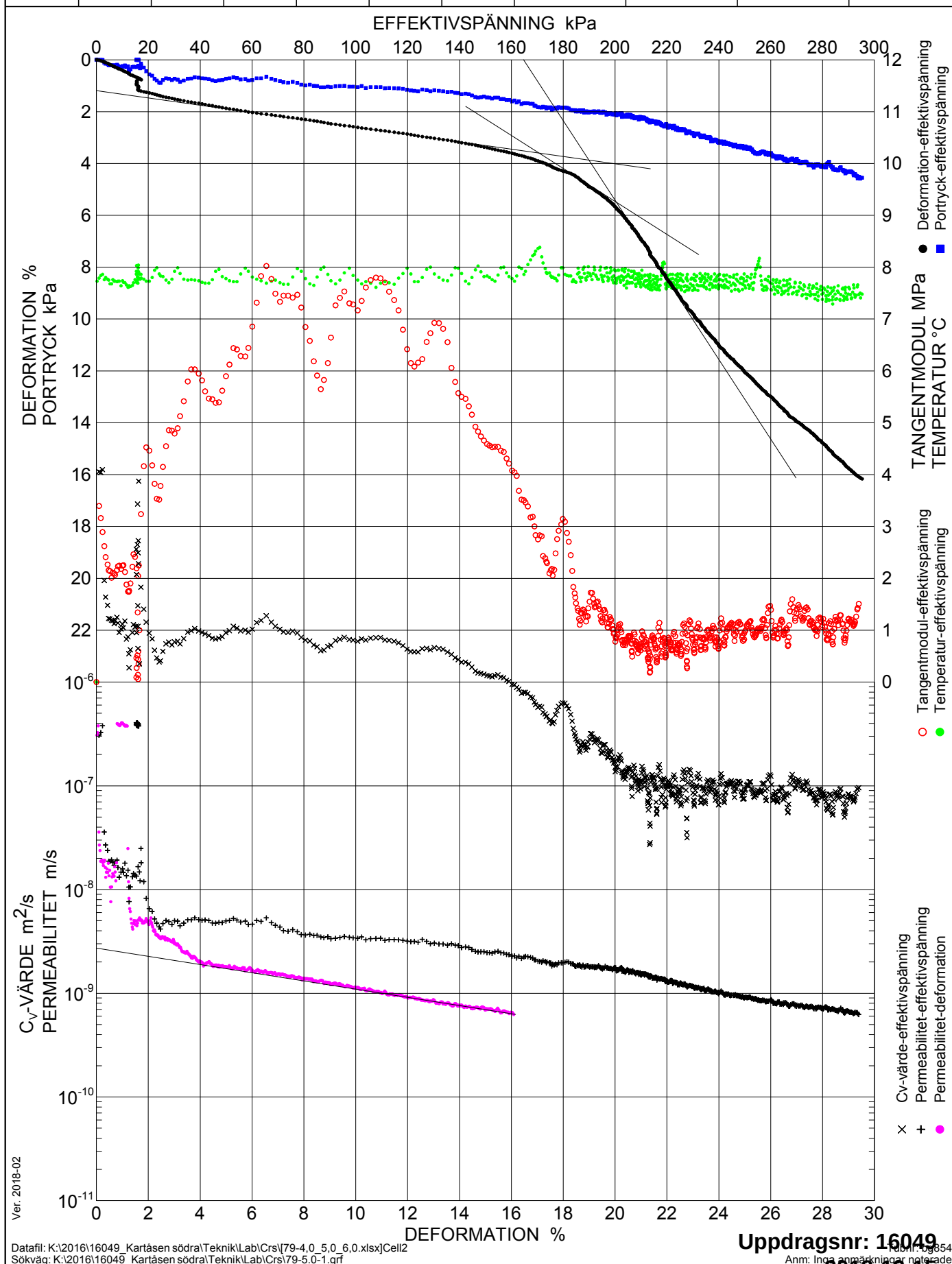


Ver. 2018-02

Datafil: K:\2016\16049\_Kartåsen södra\Teknik\Lab\Crs\79-4.0\_5.0\_6.0.xlsx]Cell1  
Sökväg: K:\2016\16049\_Kartåsen södra\Teknik\Lab\Crs\79-4.0-1.grf

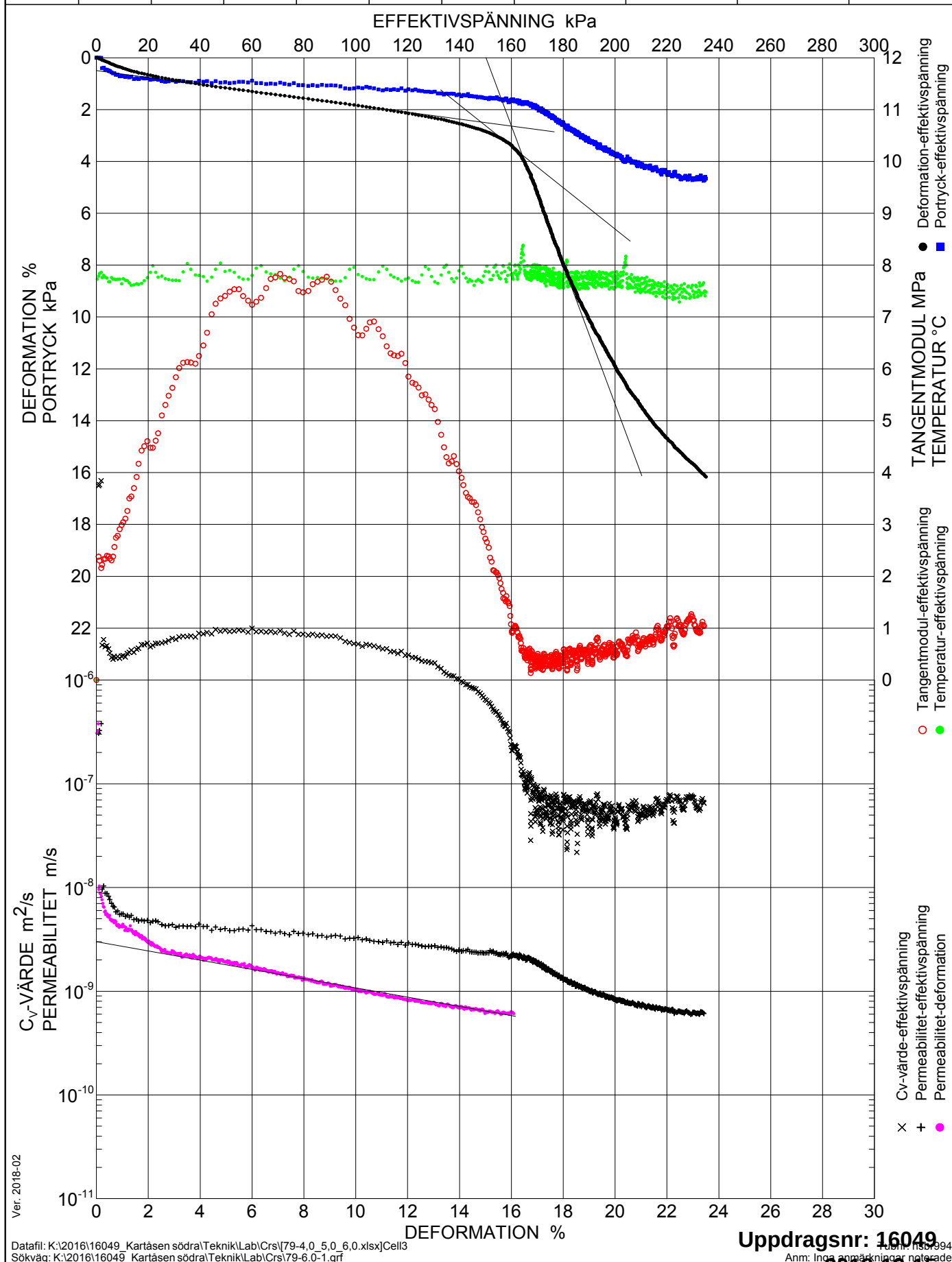
Anm: Inga anmärkningar noterade

|                              |                      |                |                                 |                       |                 |                        |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>44  | $\rho$ t/m <sup>3</sup><br>1.71 | $k_v$ m/s<br>3E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>171 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>IS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>44 | $\varepsilon_{vol}$ %<br>2.41   | $\beta_k$ m/s<br>3.95 | $M'$            | $M_L$ kPa<br>652       | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-26 | PUNKT<br>79 | DJUP-FÖRSÖKSNR<br>5.0-1 |

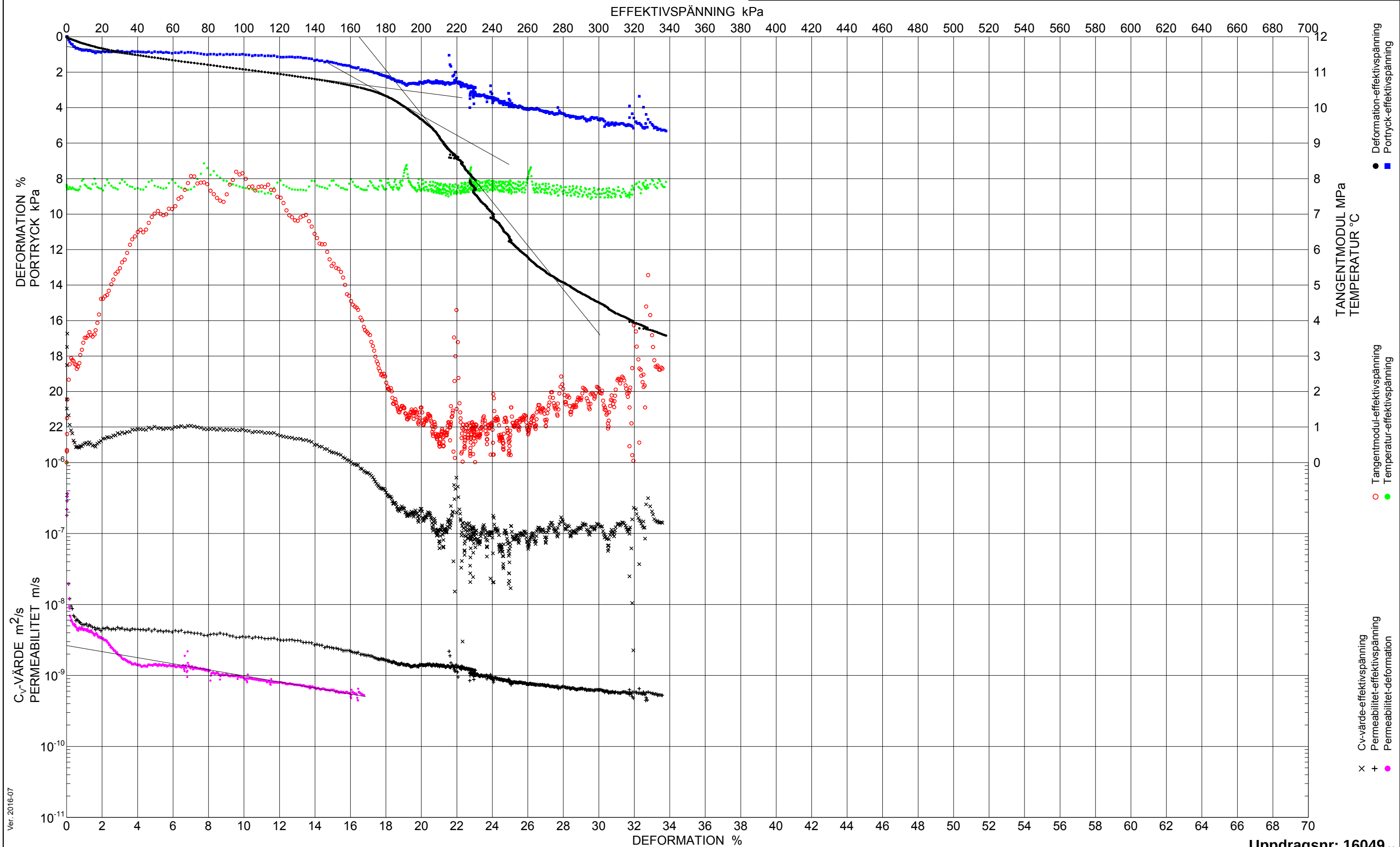


Ver. 2018-02

|                              |                      |                |                                 |                       |                 |                        |                     |                            |             |                         |
|------------------------------|----------------------|----------------|---------------------------------|-----------------------|-----------------|------------------------|---------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min<br>0.0025 | PROVHÖJD<br>mm<br>20 | WFÖRE %<br>72  | $\rho$ t/m <sup>3</sup><br>1.64 | $k_v$ m/s<br>3E-09    | $\sigma'_L$ kPa | $\sigma'_c$ kPa<br>148 | UPPDRAG<br>KARTÅSEN |                            |             |                         |
| SIGN.<br>IS                  | PROVDIAM<br>mm<br>50 | WEFTER %<br>54 | $\varepsilon_{vol}$ %<br>1.99   | $\beta_k$ m/s<br>4.45 | $M'$            | $M_L$ kPa<br>373       | UPPDRAGSNR<br>16049 | FÖRSÖKSDATUM<br>2018-06-26 | PUNKT<br>79 | DJUP-FÖRSÖKSNR<br>6.0-1 |

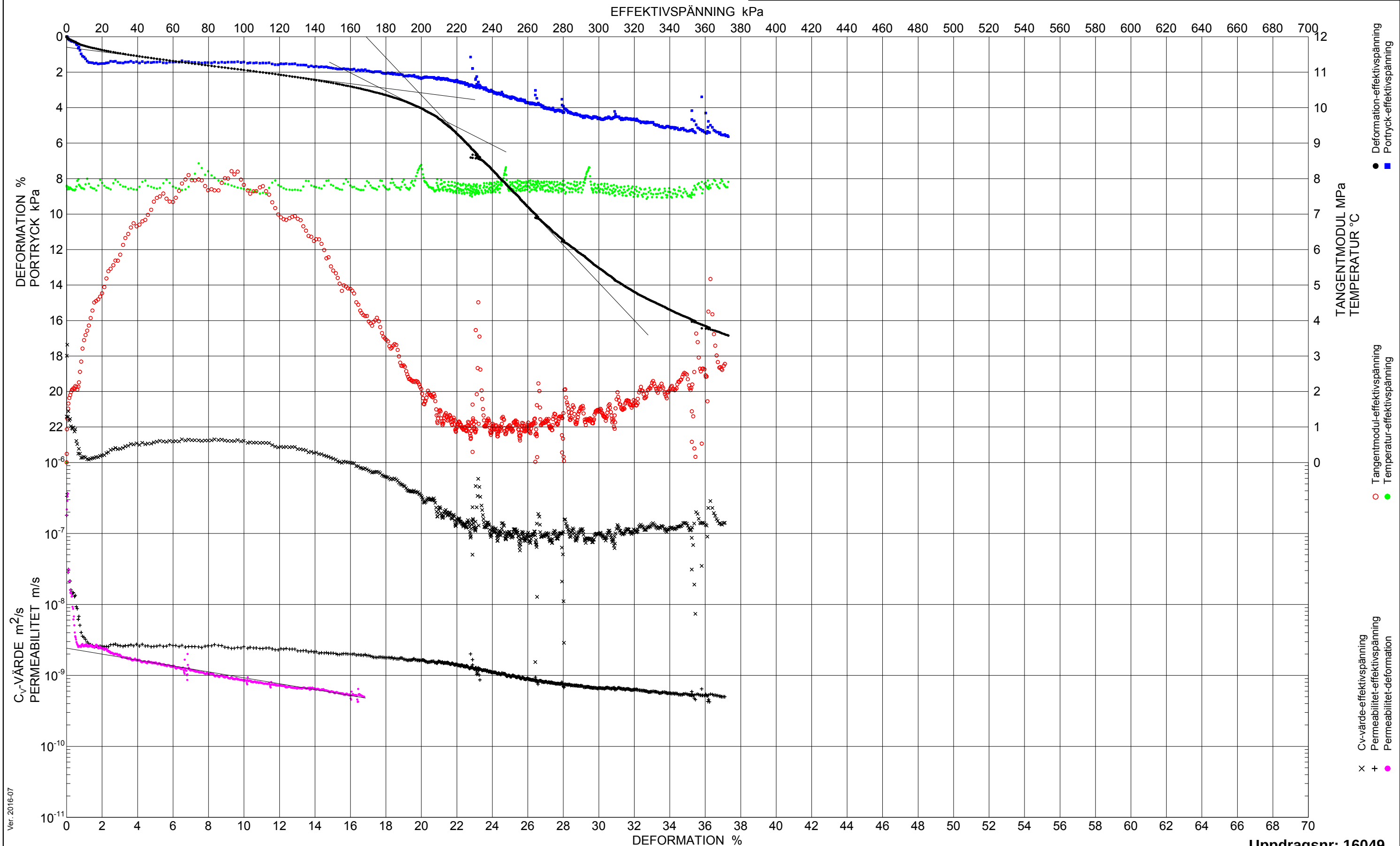


|                    |                |          |                         |               |                |                |                    |                            |             |                         |
|--------------------|----------------|----------|-------------------------|---------------|----------------|----------------|--------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $k_f$ m/s     | $\sigma_L$ kPa | $\sigma_c$ kPa | UPPDRA<br>KARTÅSEN |                            |             |                         |
| 0.0025             | 20             | 58       | 1.74                    | 3E-09         |                | (170)          |                    |                            |             |                         |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $\varepsilon_{vol}$ %   | $\beta_k$ m/s | M'             | ML kPa         | UPPDRA<br>16049    | FÖRSÖKSDATUM<br>2018-06-27 | PUNKT<br>79 | DJUP-FÖRSÖKSNR<br>7.0-1 |
| IS                 | 50             | 41       | 2.19                    | 4.26          |                | (808)          |                    |                            |             |                         |





|                    |                |          |                         |               |                |                |                    |                            |             |                         |
|--------------------|----------------|----------|-------------------------|---------------|----------------|----------------|--------------------|----------------------------|-------------|-------------------------|
| DEF.HAST<br>mm/min | PROVHÖJD<br>mm | WFÖRE %  | $\rho$ t/m <sup>3</sup> | $k_f$ m/s     | $\sigma_L$ kPa | $\sigma_c$ kPa | UPPDRA<br>KARTÅSEN |                            |             |                         |
| 0.0025             | 20             | 56       | 1.71                    | 2E-09         |                | 176            |                    |                            |             |                         |
| SIGN.              | PROVDIAM<br>mm | WEFTER % | $\varepsilon_{vol}$ %   | $\beta_k$ m/s | M'             | M_L kPa        | UPPDRA<br>16049    | FÖRSÖKSDATUM<br>2018-06-27 | PUNKT<br>79 | DJUP-FÖRSÖKSNR<br>8.0-1 |
| IS                 | 50             | 46       | 2.26                    | 4.16          |                | 946            |                    |                            |             |                         |



# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

~~BORRHÅL 8~~ DJUP 4.2 M

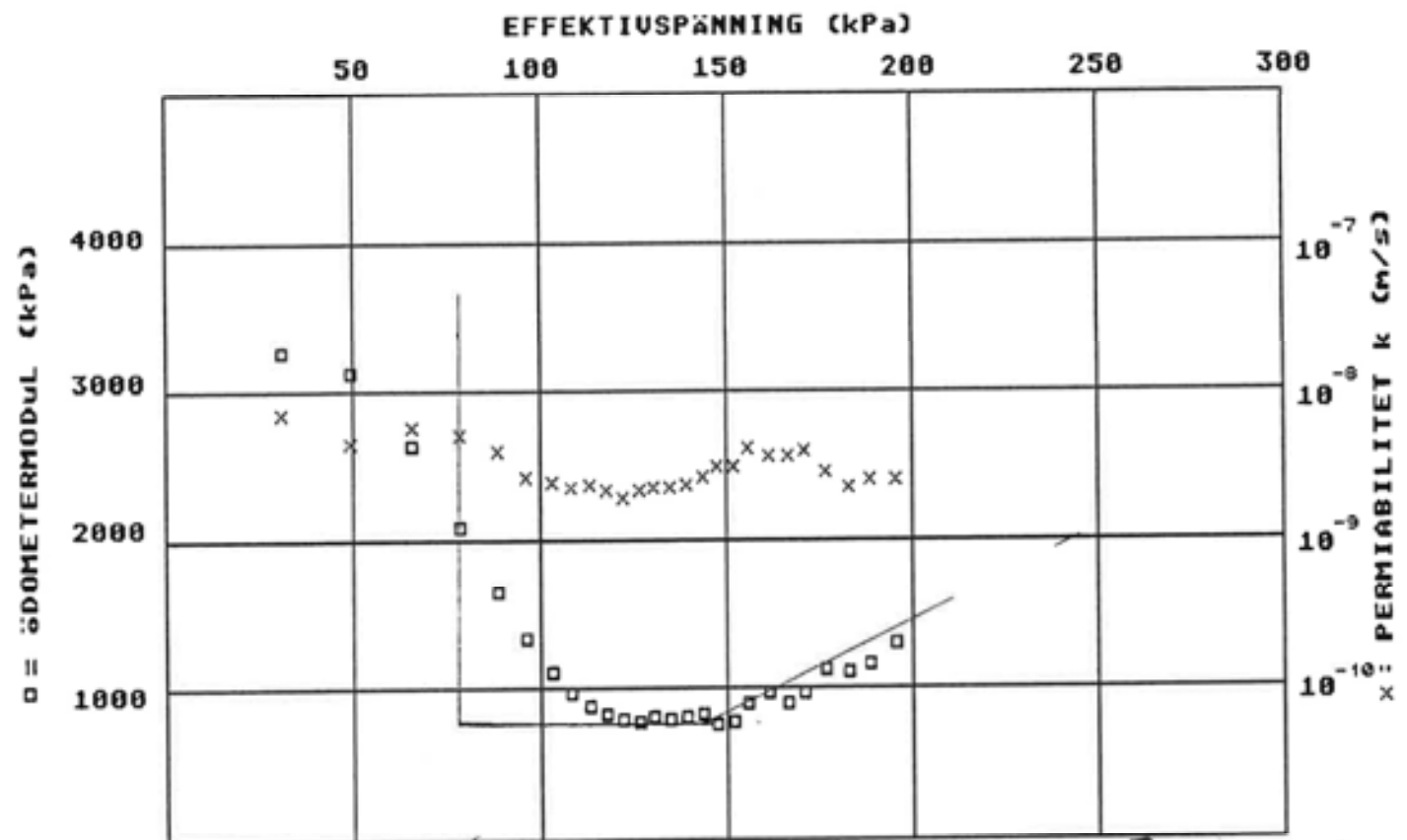
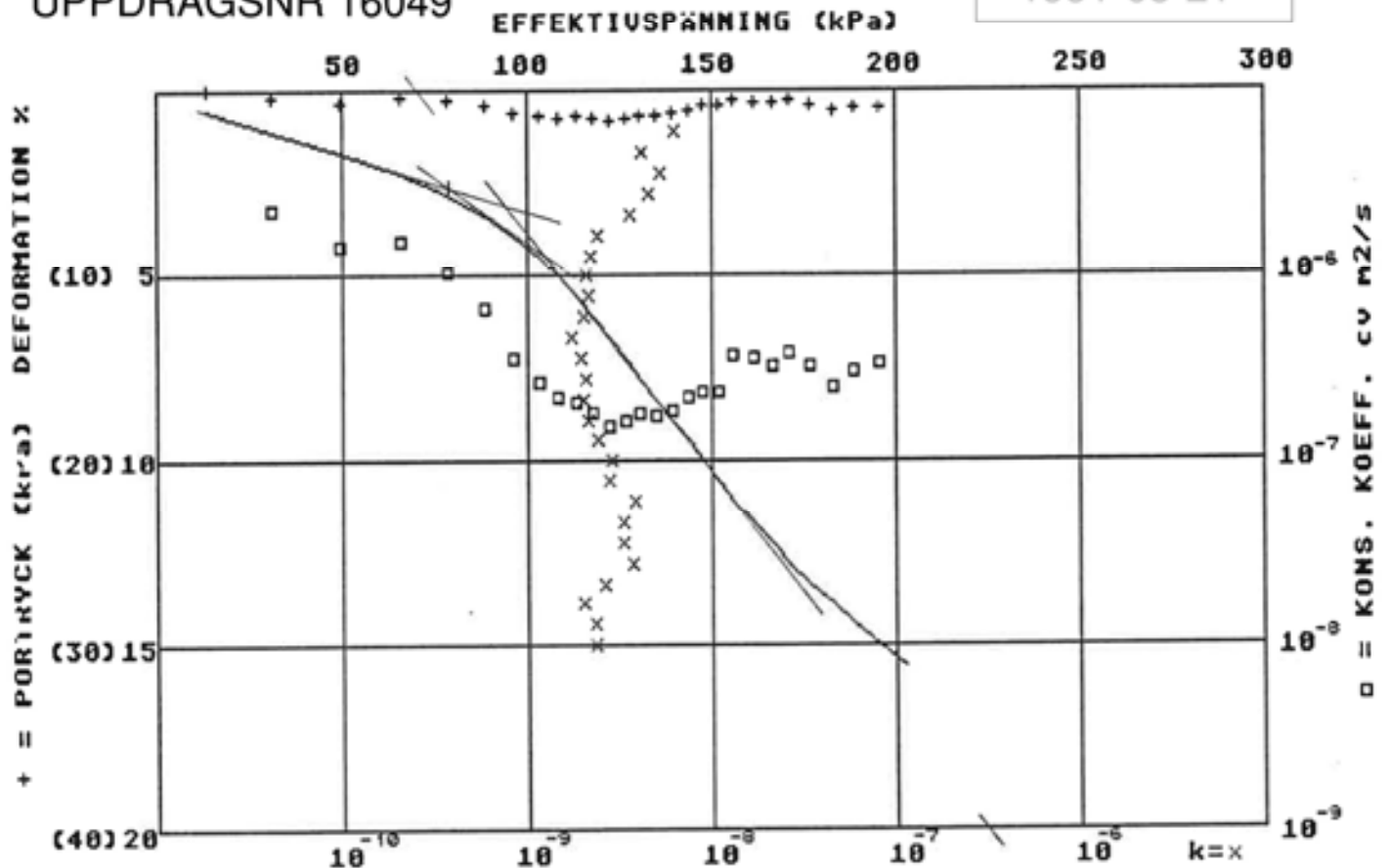
BORRHÅL GV8

UPPDRAGSNR 16049

Geo Väst Bilaga 5:94

91-071

1991-05-21



$$\bar{\sigma}_c = 78 \text{ kPa} \quad \bar{\sigma}_{H_c} = 143 \text{ kPa}$$

$$M = 770 \text{ kPa} \quad c_v$$

$$a = 80 \text{ kPa} \quad \text{Uppdragsnr: 16049}$$

$$\mu = 12.2$$

2018-12-15

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

~~BORRHÅL 8~~. DJUP 5.0 M

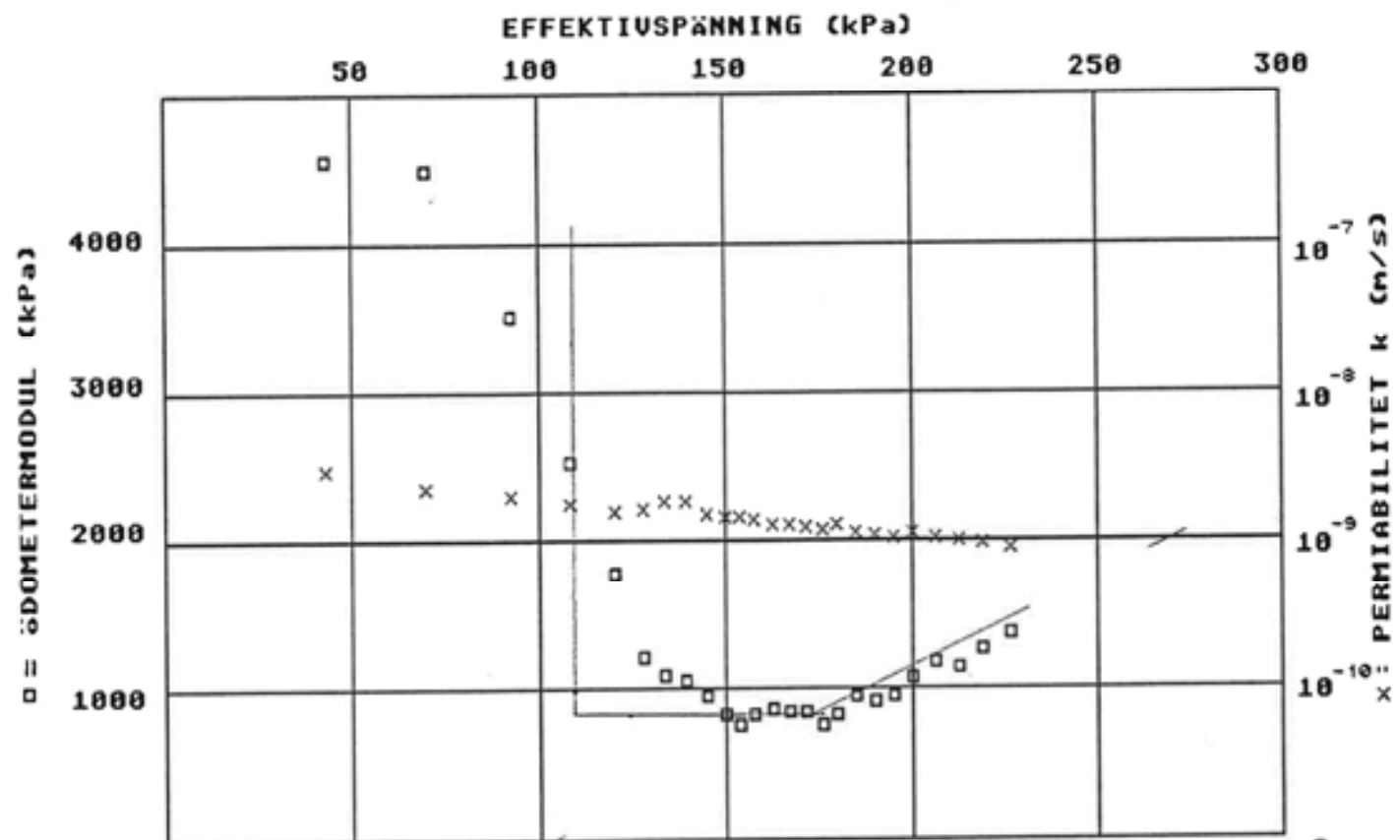
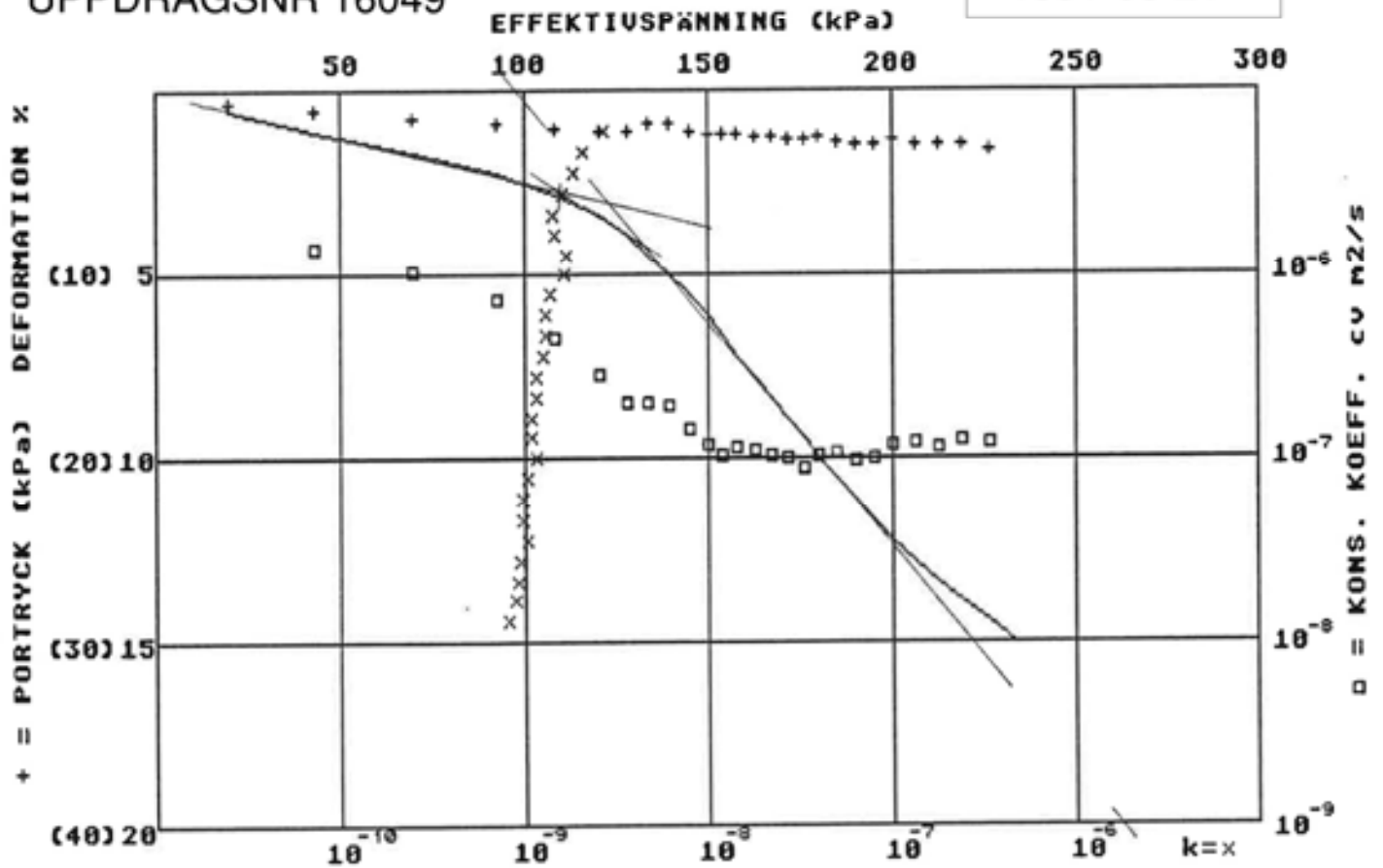
BORRHÅL GV8

UPPDRAGSNR 16049

Geo Väst Bilaga 5:95

91-071

1991-05-21



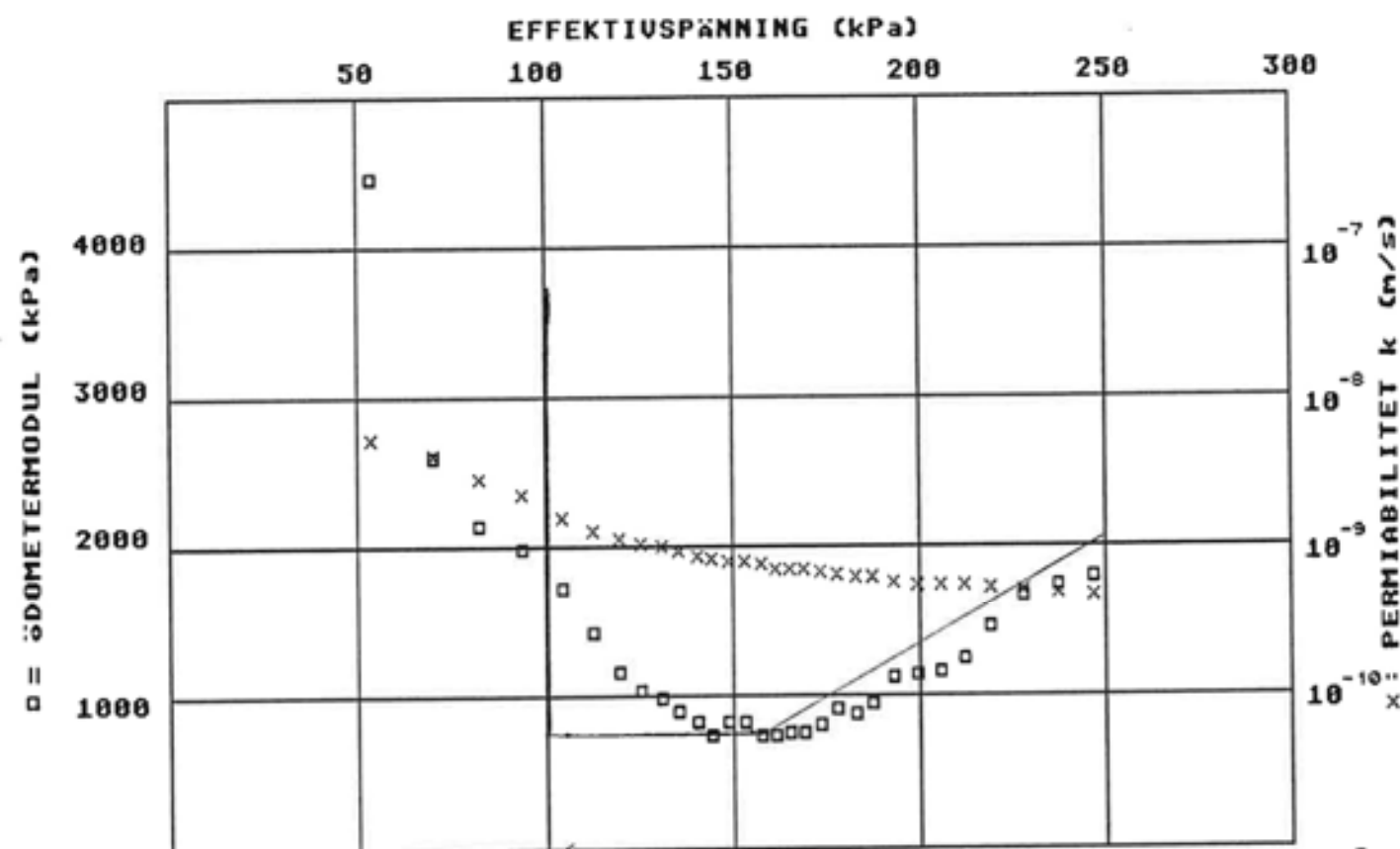
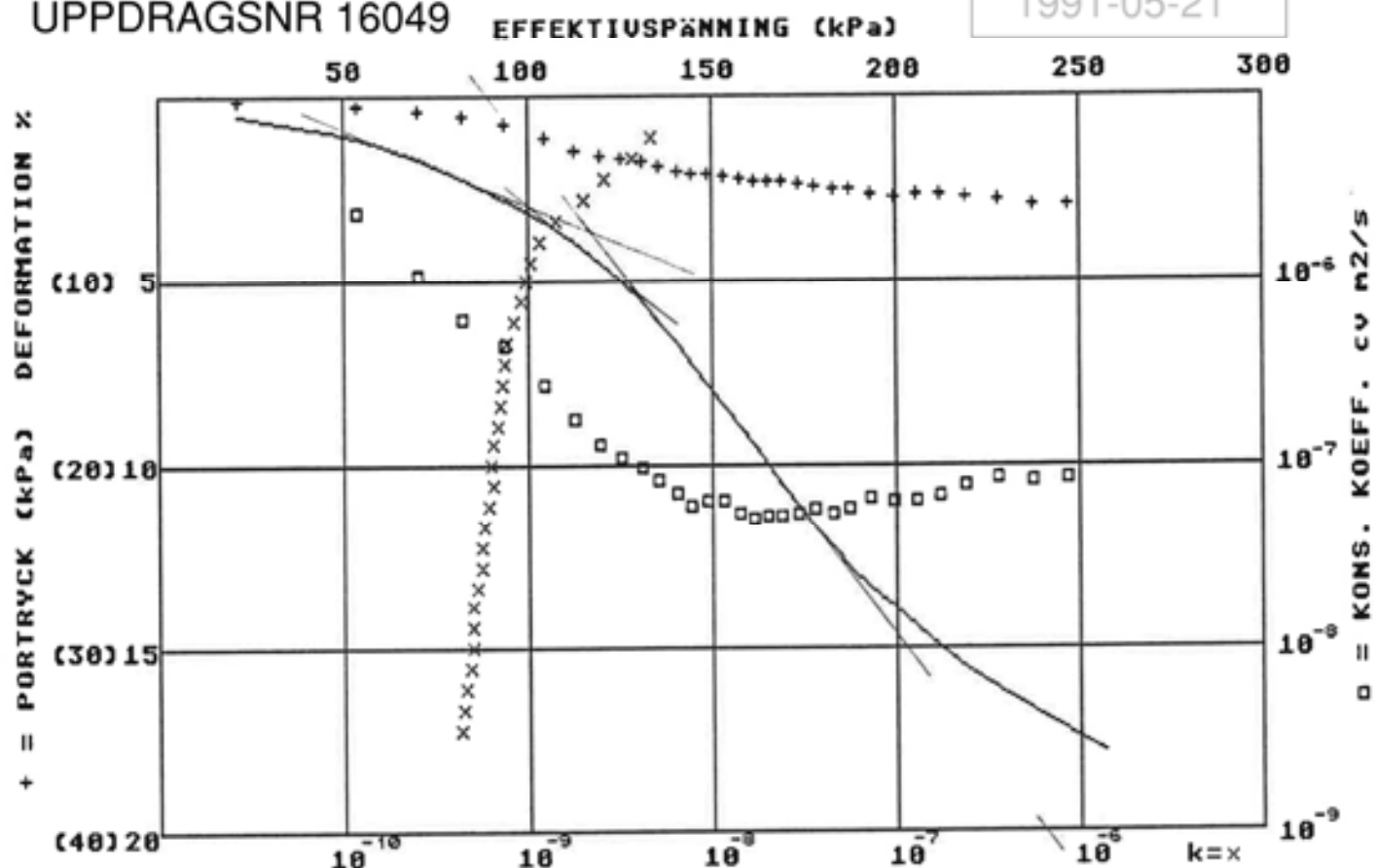
$\bar{\sigma}_c = 109 \text{ kPa}$   $\bar{\sigma}_{H_c} = 173 \text{ kPa}$

$M = 825 \text{ kPa}$   $c_v$

$a = 104 \text{ kPa}$  Uppdragsnr: 16049

$u = 12.0$

2018-12-15



$\bar{\sigma}_c = 100 \text{ kPa}$      $\bar{\sigma}_{HL} = 158 \text{ kPa}$   
 $M = 755 \text{ kPa}$      $c_v = 4.7 \cdot 10^{-8} \text{ m}^2/\text{s}$   
 $a = 104 \text{ kPa}$   
 $m = 14.1$

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

~~BORRHÅL 8~~ DJUP 7.0 M

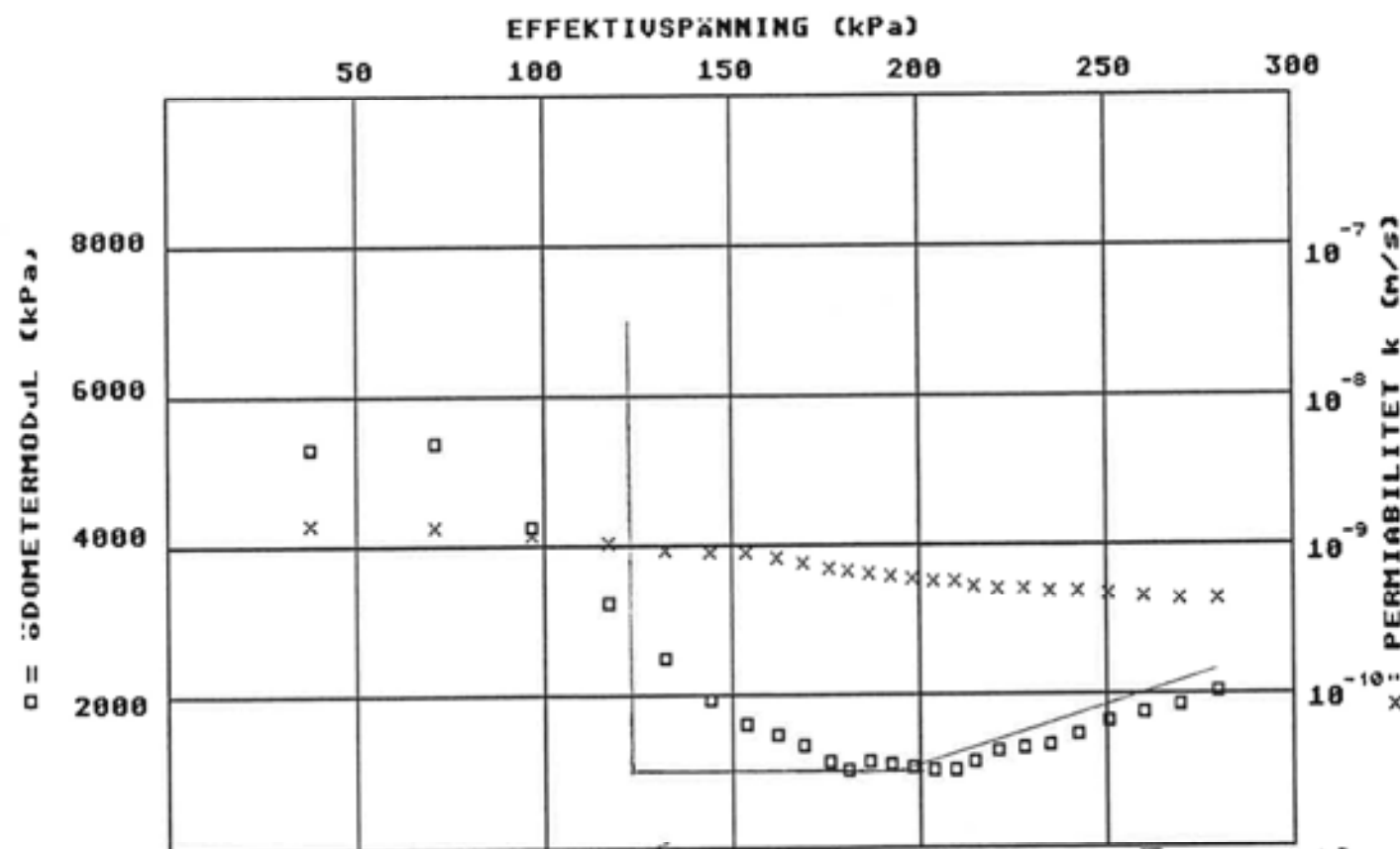
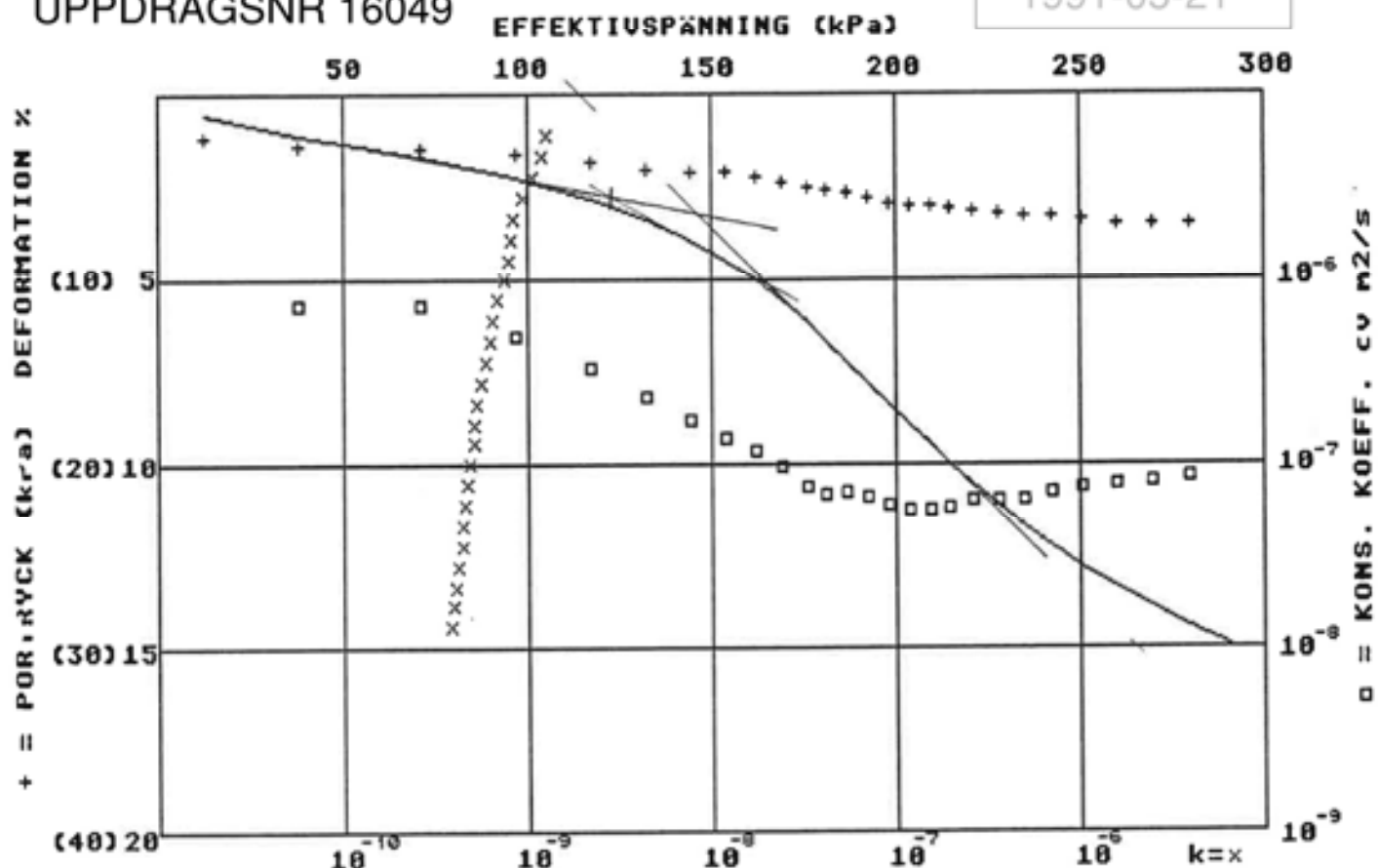
BORRHÅL GV8

UPPDRAGSNR 16049

Geo Väst Bilaga 5:97

91-071

1991-05-21



$\bar{\sigma}_c = 123 \text{ kPa}$   $\bar{\sigma}_{Mc} = 193 \text{ kPa}$   
 $M = 1000 \text{ kPa}$   $C_v = 5.2 \cdot 10^{-8} \text{ m}^2/\text{s}$   
 $a = 128 \text{ kPa}$   
 $u = 15.3$

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

~~BORRHÅL 8~~ DJUP 8.0 M

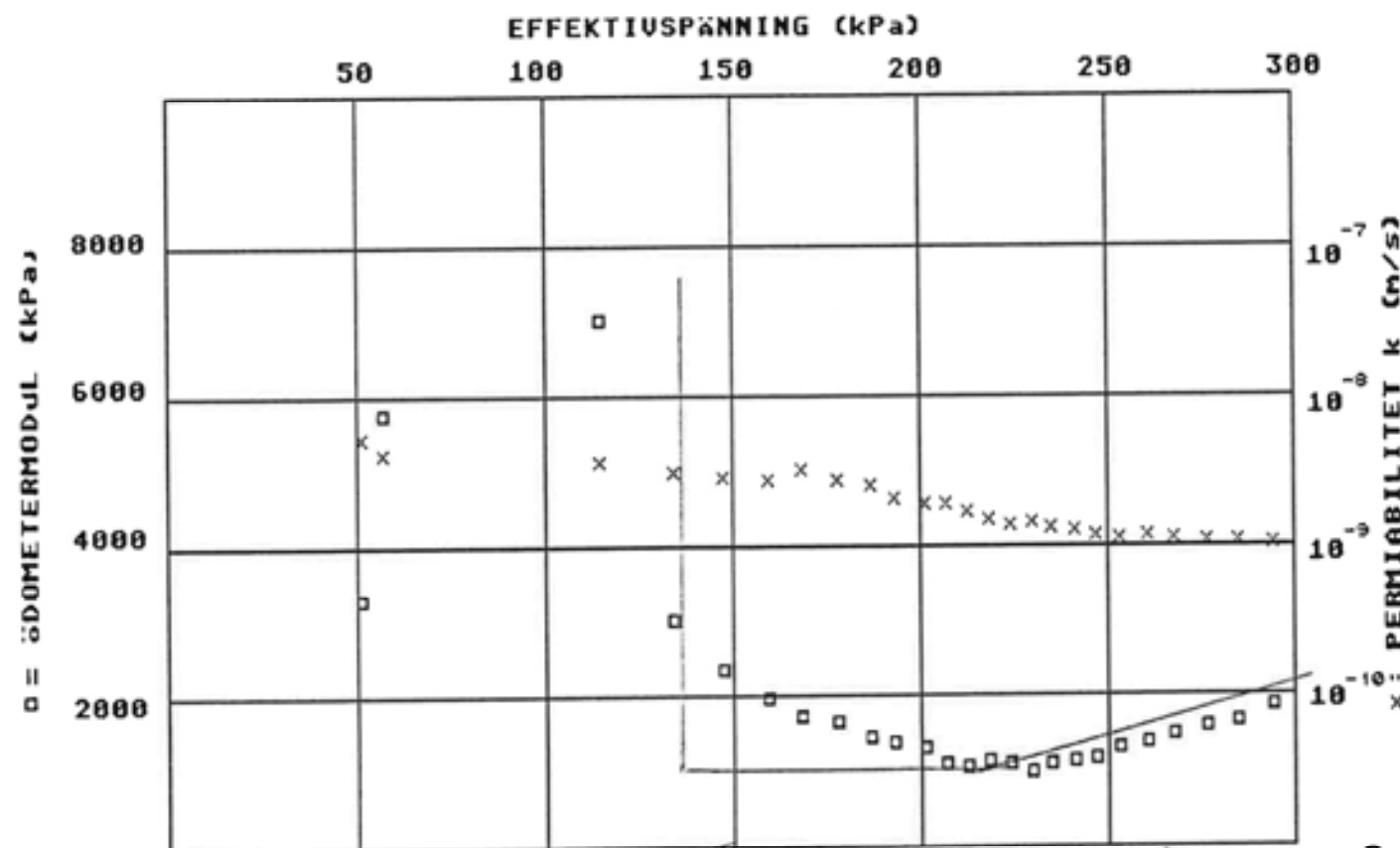
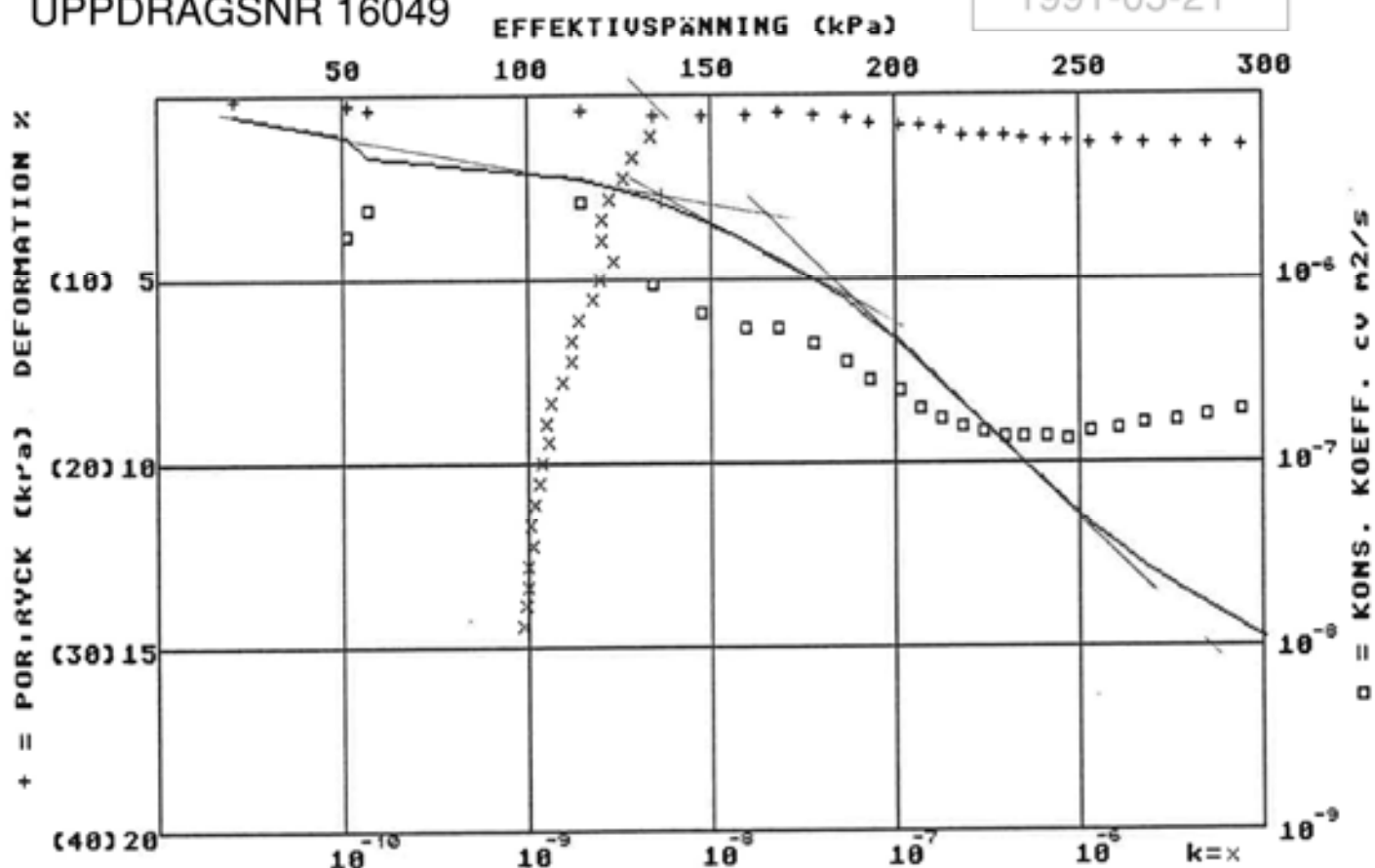
BORRHÅL GV8

UPPDRAGSNR 16049

Geo Väst Bilaga 5:98

91-071

1991-05-21



$$\bar{\sigma}_c = 136 \text{ kPa} \quad \bar{\sigma}_{Hc} = 218 \text{ kPa}$$

$$M = 1020 \text{ kPa} \quad c_v$$

$$a = 145 \text{ kPa} \quad \text{Uppdragsnr: 16049}$$

$$u = 13.9 \quad 2018-12-15$$

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

~~BORRHÅL 8~~ DJUP 10.0 M

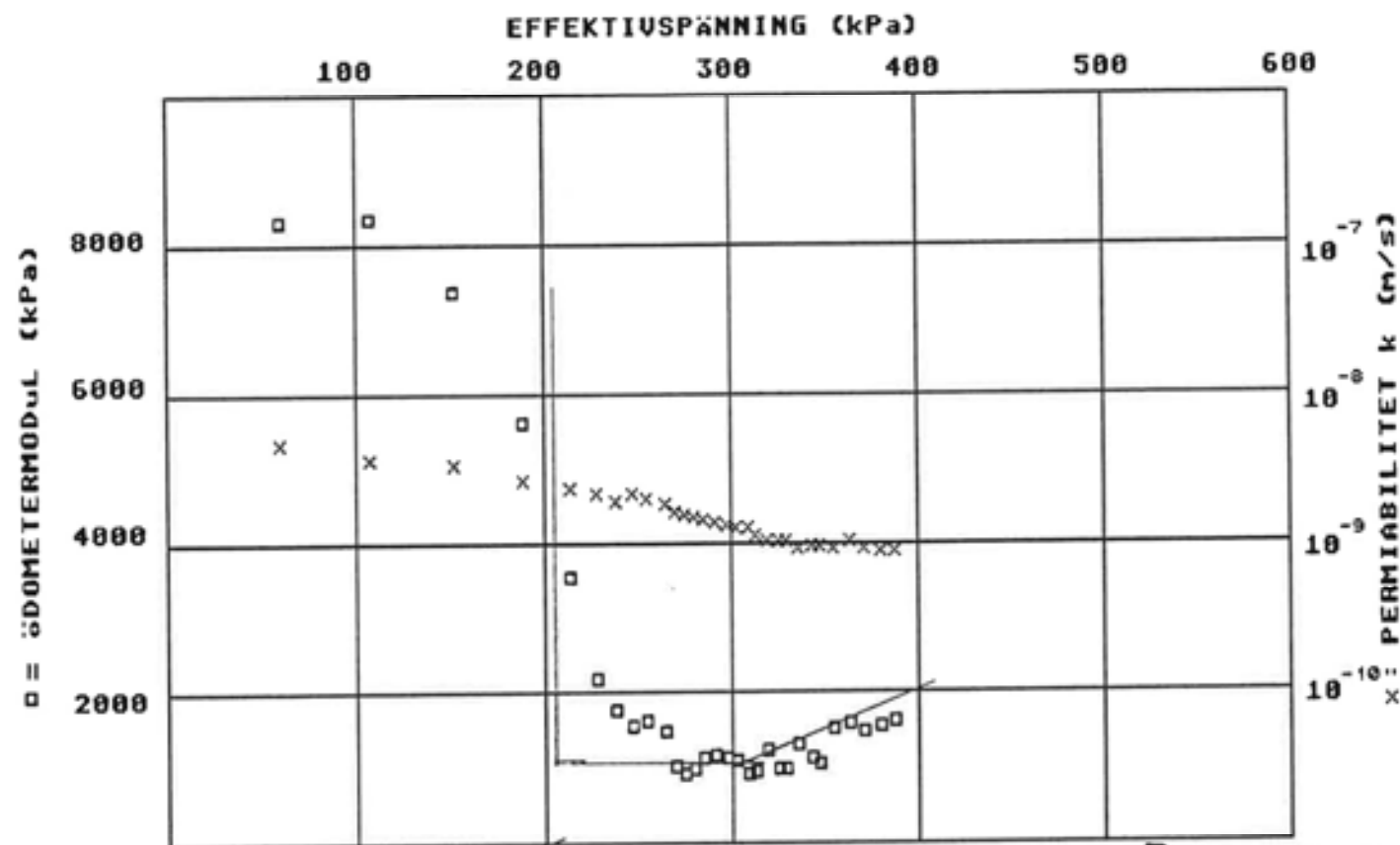
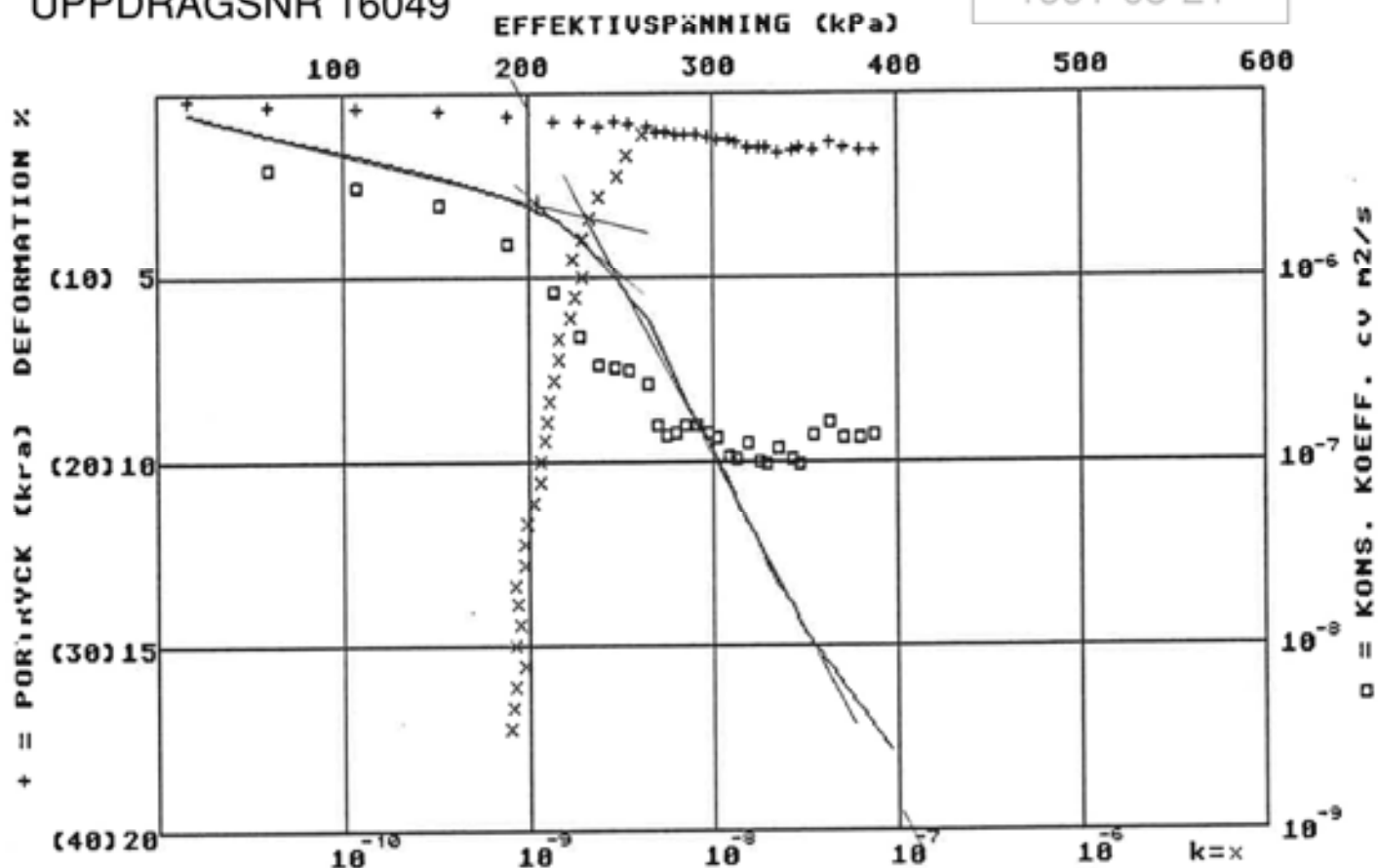
BORRHÅL GV8

UPPDRAGSNR 16049

Geo Väst Bilaga 5:99

91-071

1991-05-21



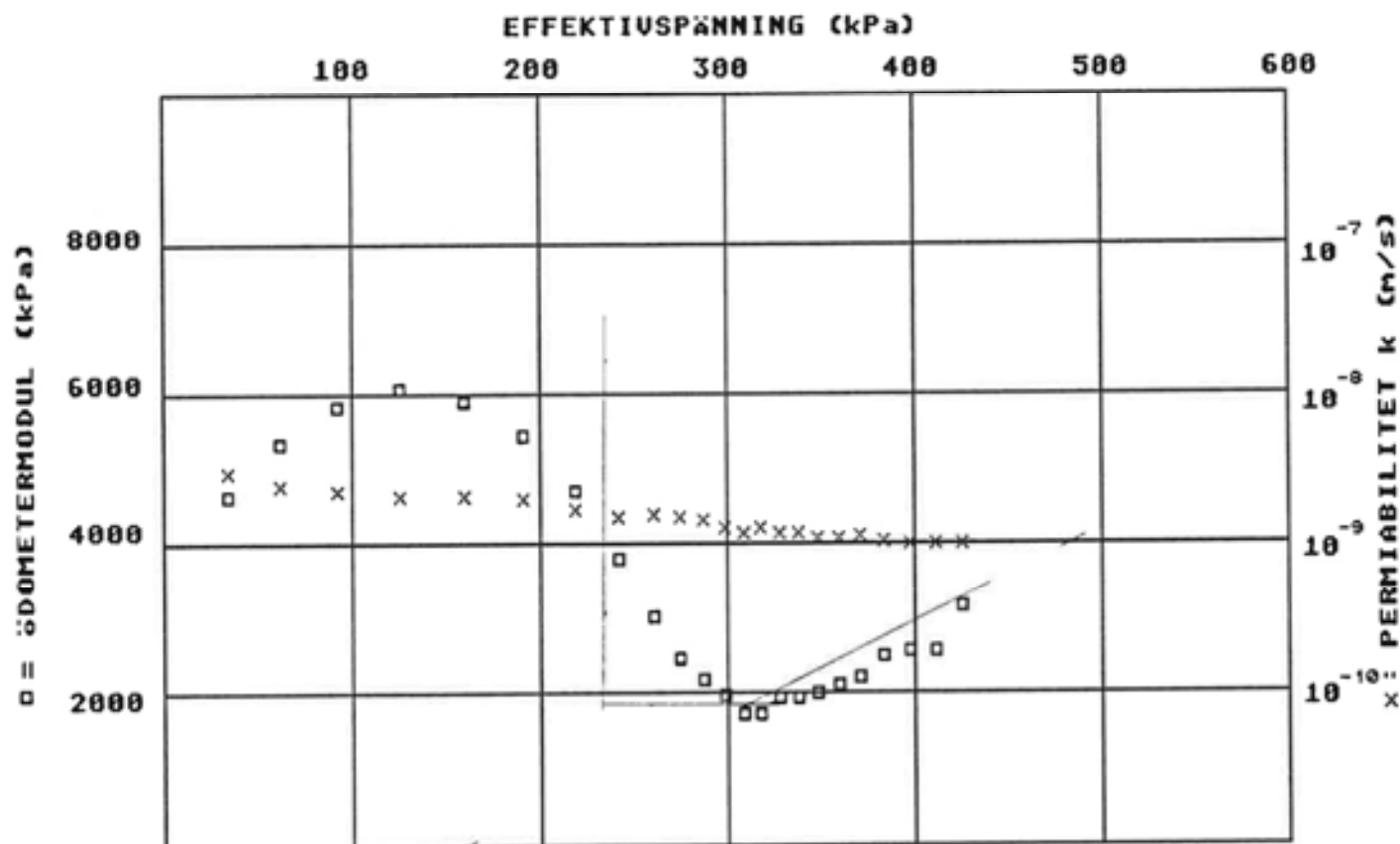
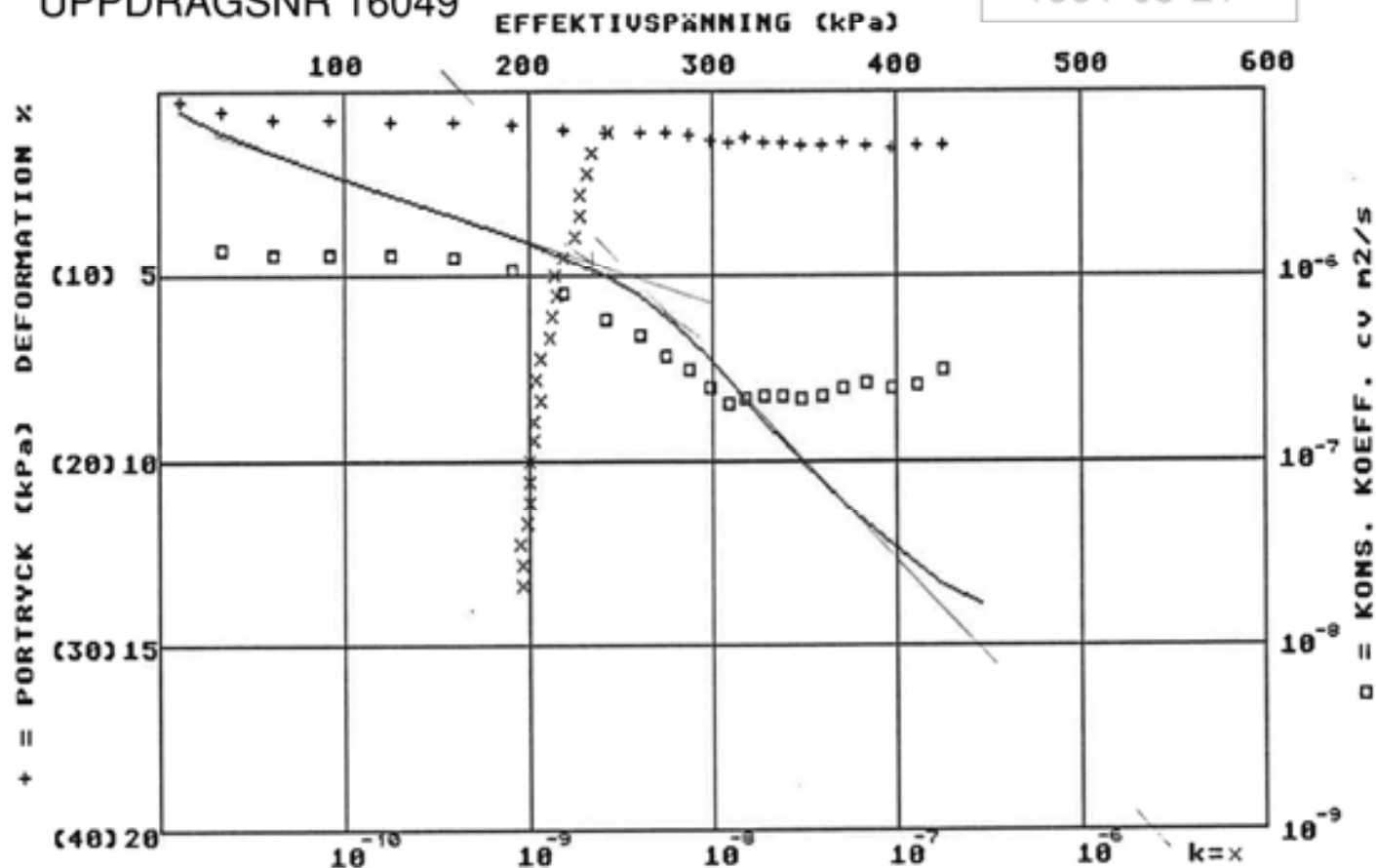
$$\bar{\sigma}_c = 205 \text{ kPa} \quad \bar{\sigma}_{Hc} = 305 \text{ kPa}$$

$$M = 1060 \text{ kPa} \quad C_v$$

$$a = 202 \text{ kPa} \quad \text{Uppdragsnr: 16049}$$

$$u = 10.3$$

2018-12-15



$$\bar{\sigma}_c = 235 \text{ kPa} \quad \bar{\sigma}_{HL} = 312 \text{ kPa}$$

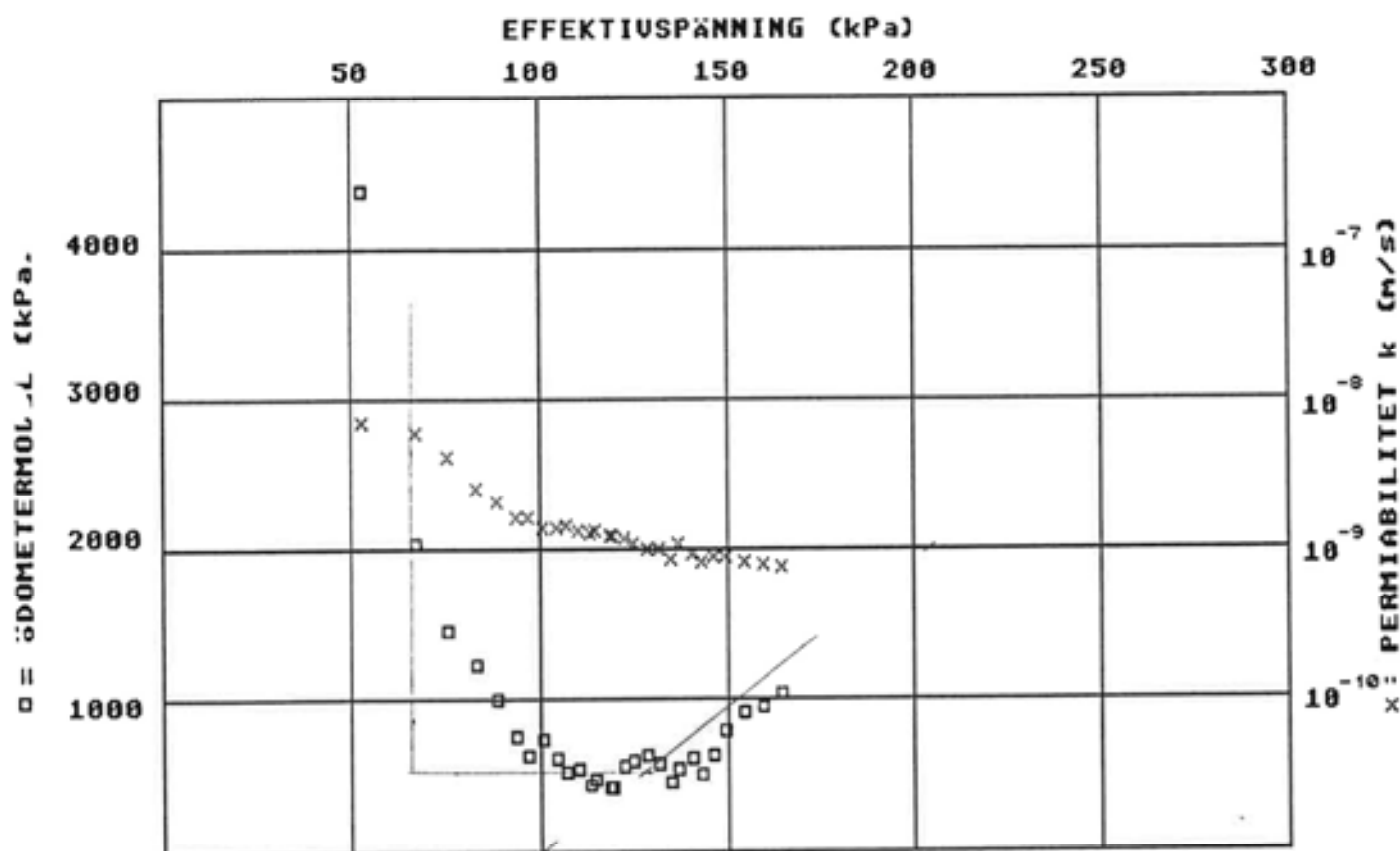
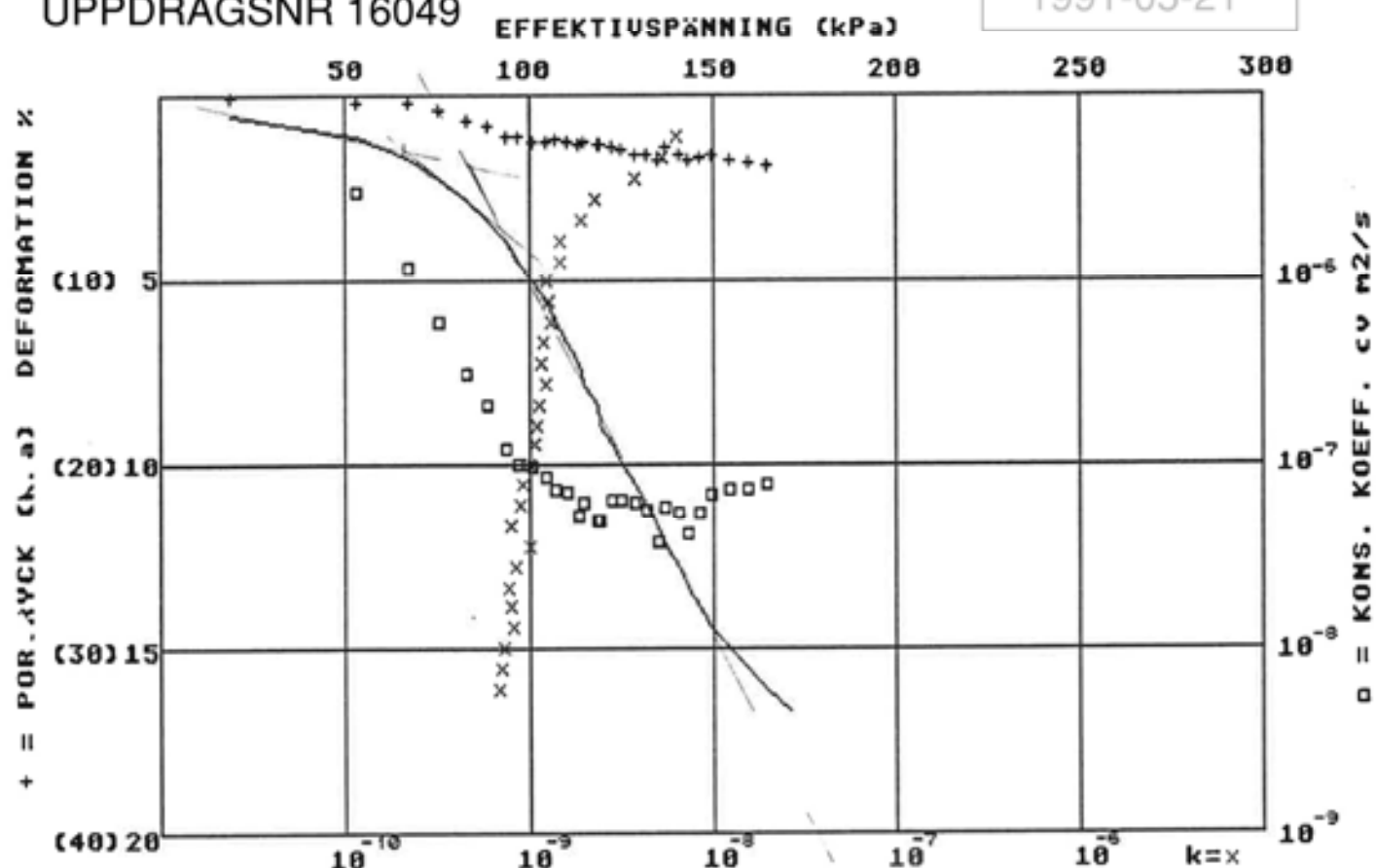
$$M = 1870 \text{ kPa} \quad C_v$$

$$a = 161 \text{ kPa} \quad \text{Uppdragsnr: 16049}$$

$$u = 12.4$$

2018-12-15





$$\begin{aligned} \sigma_c &= 66 \text{ kPa} & \bar{\sigma}_{ML} &= 127 \text{ kPa} \\ M &= 525 \text{ kPa} & C_v &= 3.8 \cdot 10^{-8} \text{ m}^2/\text{s} \\ a &= 100 \text{ kPa} \\ m &= 19.2 \end{aligned}$$

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

BORRHÅL 21. DJUP 4.0 M

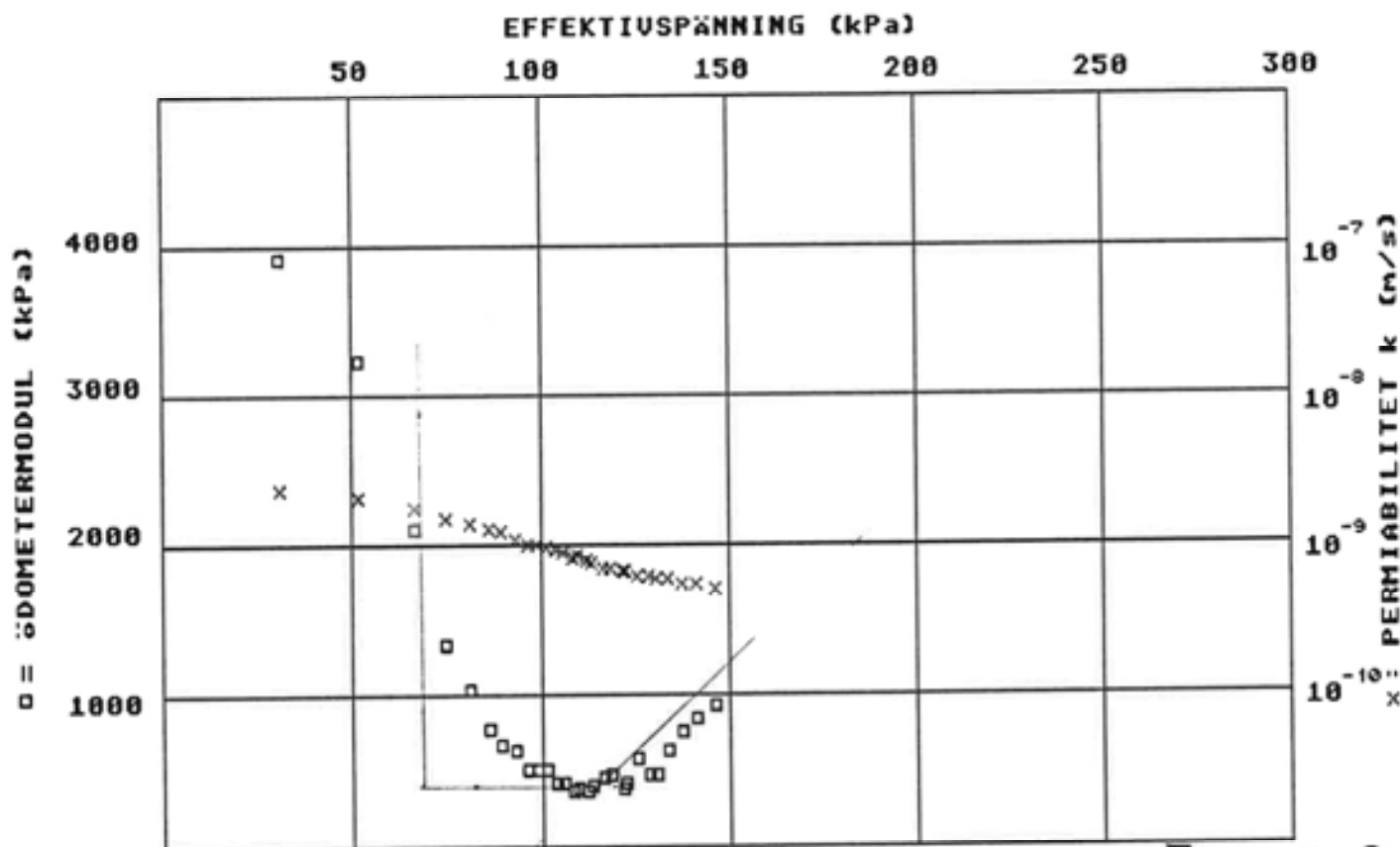
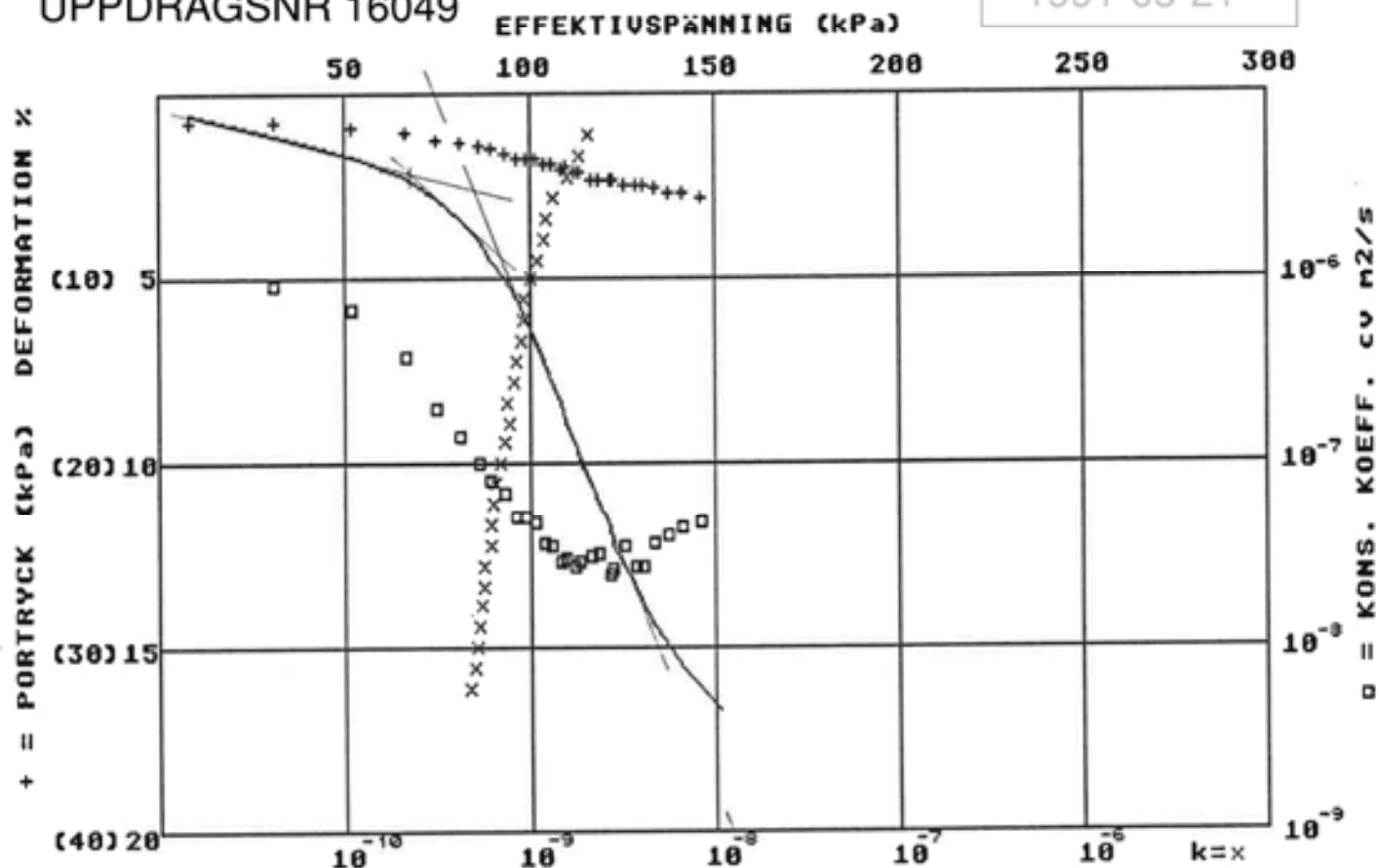
BORRHÅL GV21

UPPDRAGSNR 16049

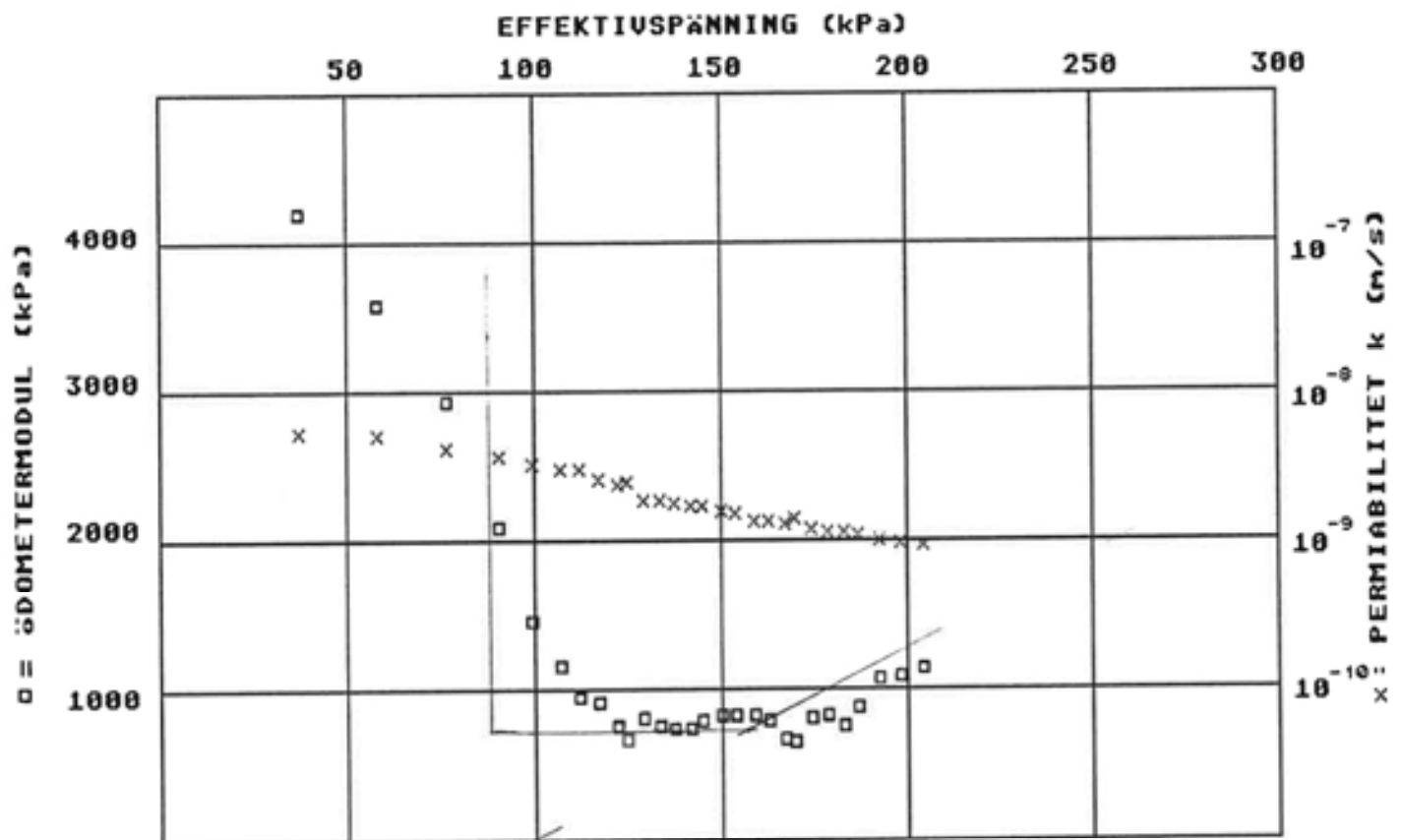
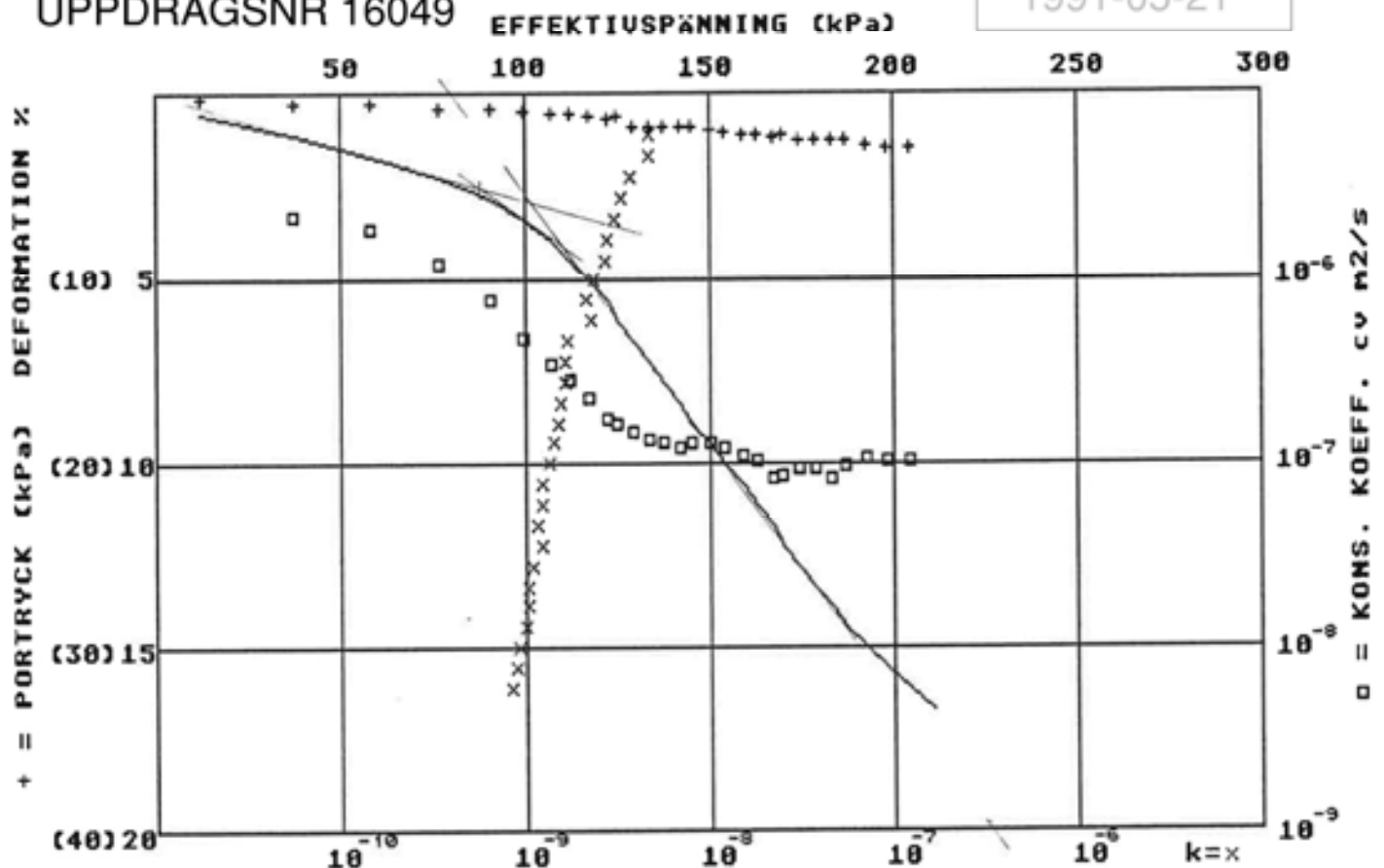
Bilaga 5:102

91-071

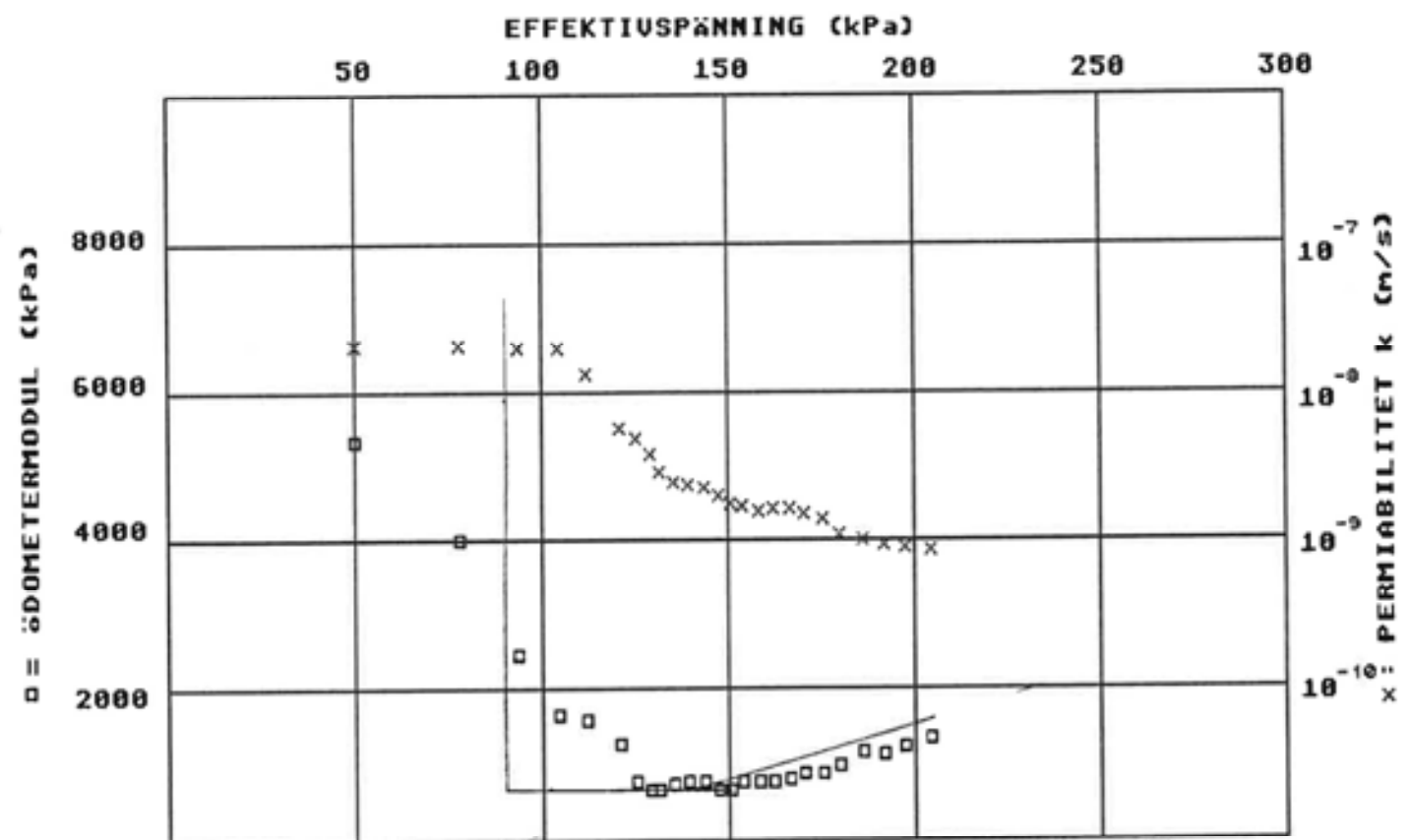
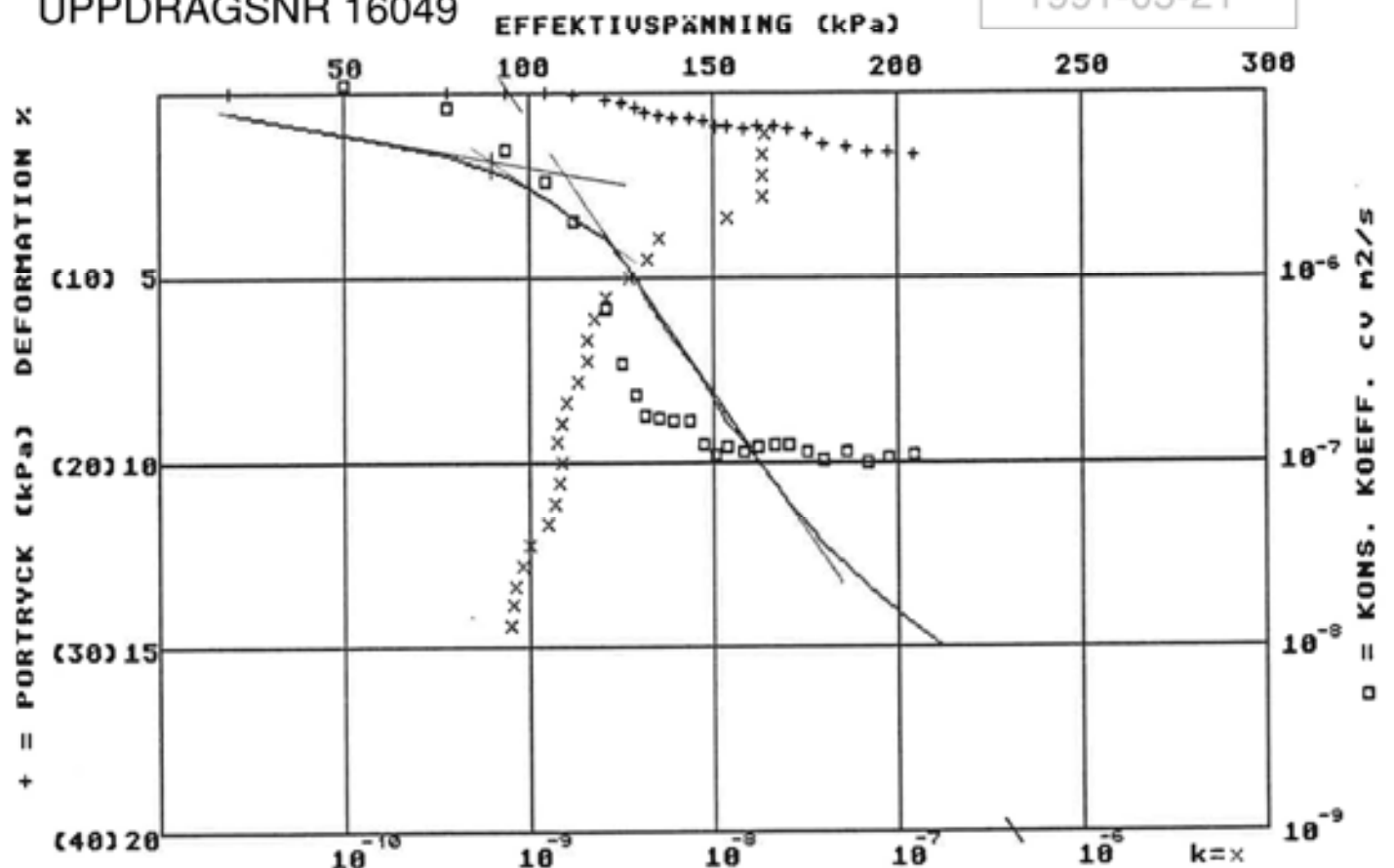
1991-05-21



$\sigma_c = 68 \text{ kPa}$      $\sigma_{HL} = 114 \text{ kPa}$   
 $M = 400 \text{ kPa}$      $C_v = 2.5 \cdot 10^{-8} \text{ m}^2/\text{s}$   
 $a = 97 \text{ kPa}$   
 $w = 23.0$



$$\begin{aligned} \sigma_c &= 88 \text{ kPa} & \bar{\sigma}_{HL} &= 156 \text{ kPa} \\ M &= 725 \text{ kPa} & c_v &= 7.5 \cdot 10^{-8} \text{ m}^2/\text{s} \\ a &= 99 \text{ kPa} & & \\ m &= 12.7 & & \end{aligned}$$



$$\bar{\sigma}_c = 90 \text{ kPa} \quad \bar{\sigma}_{ML} = 141 \text{ kPa}$$

$$M = 680 \text{ kPa} \quad c_v = -$$

$$a = 94 \text{ kPa} \quad \text{Uppdragsnr: 16049}$$

$$m = 14.4$$

2018-12-15

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

BORRHÅL 21. DJUP 7.0 M

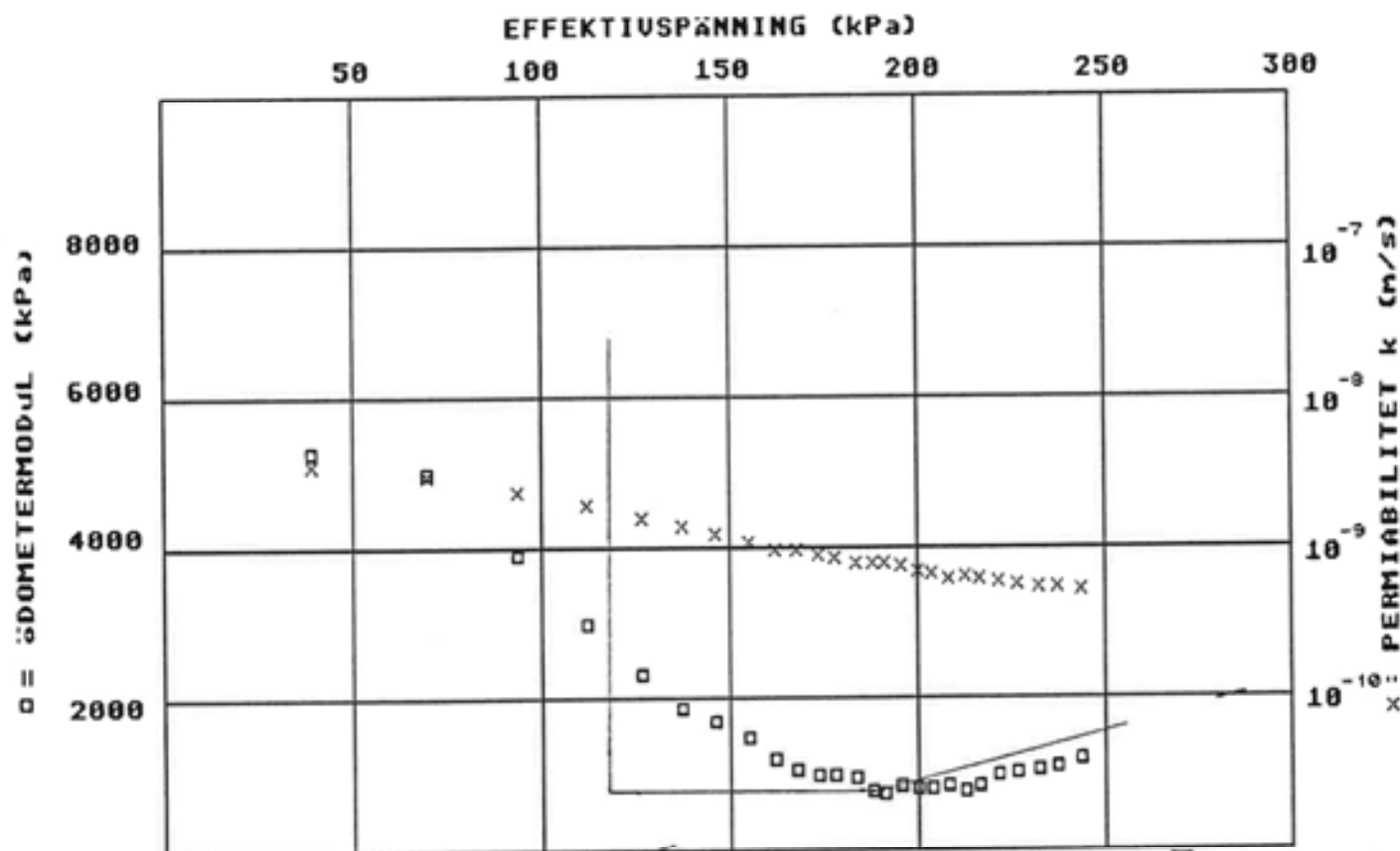
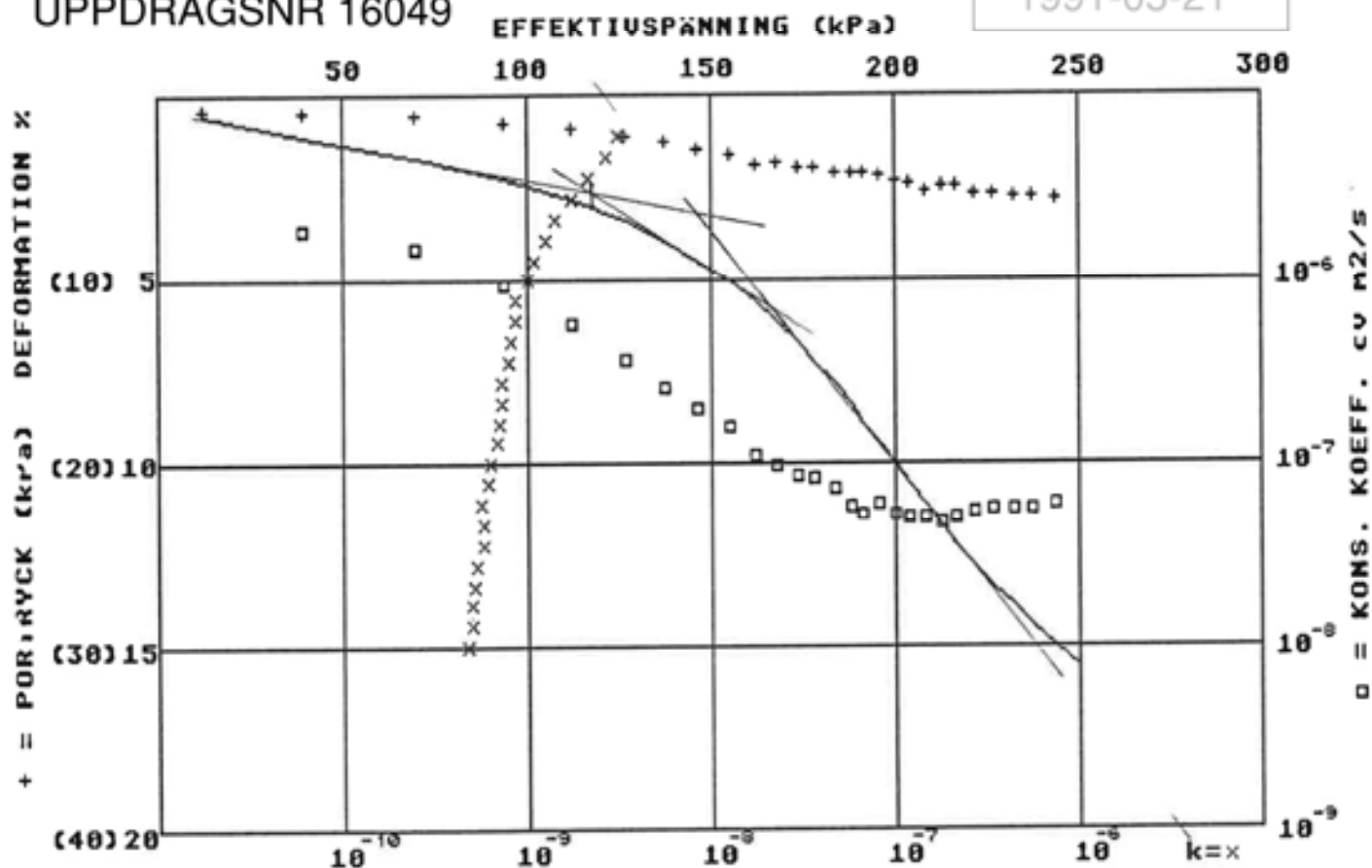
BORRHÅL GV21

UPPDRAGSNR 16049

Geo Väst Bilaga 5:105

91-071

1991-05-21

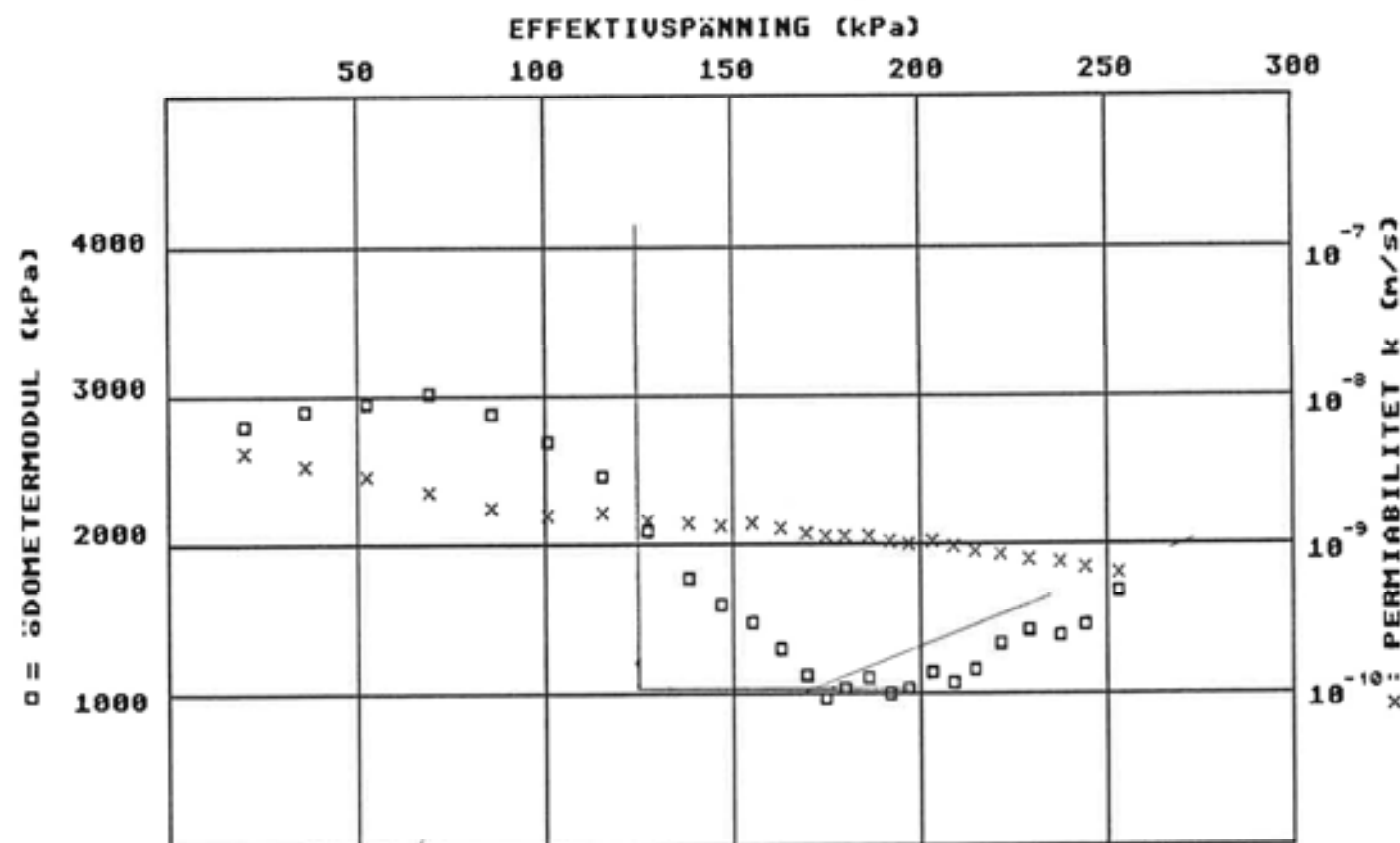
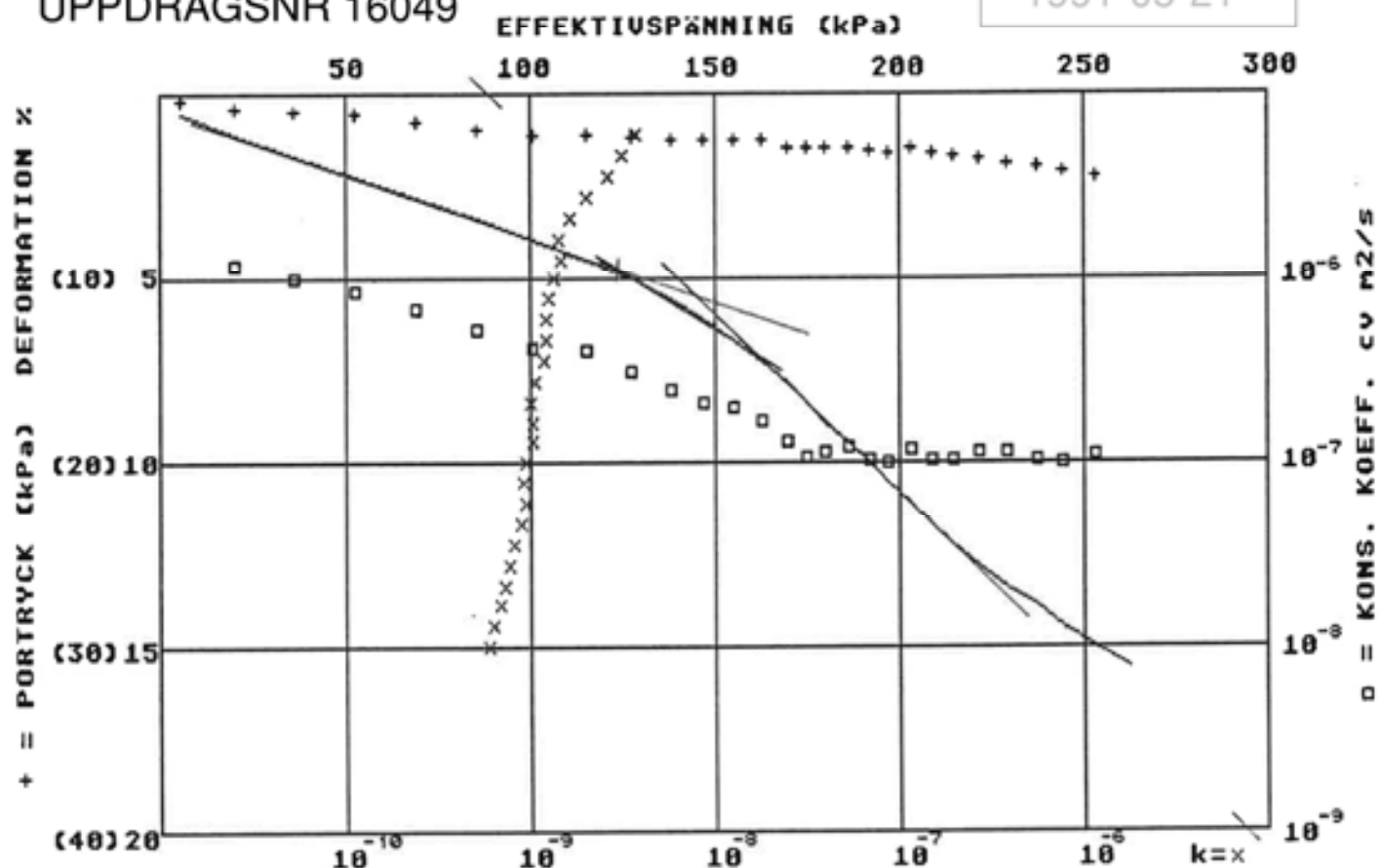


$$\bar{\sigma}_c = 117 \text{ kPa} \quad \bar{\sigma}_{ML} = 189 \text{ kPa}$$

$$M = 775 \text{ kPa} \quad C_v = 4.7 \cdot 10^{-8} \text{ m}^2/\text{s}$$

$$a = 12.8 \text{ kPa}$$

$$m = 12.8$$



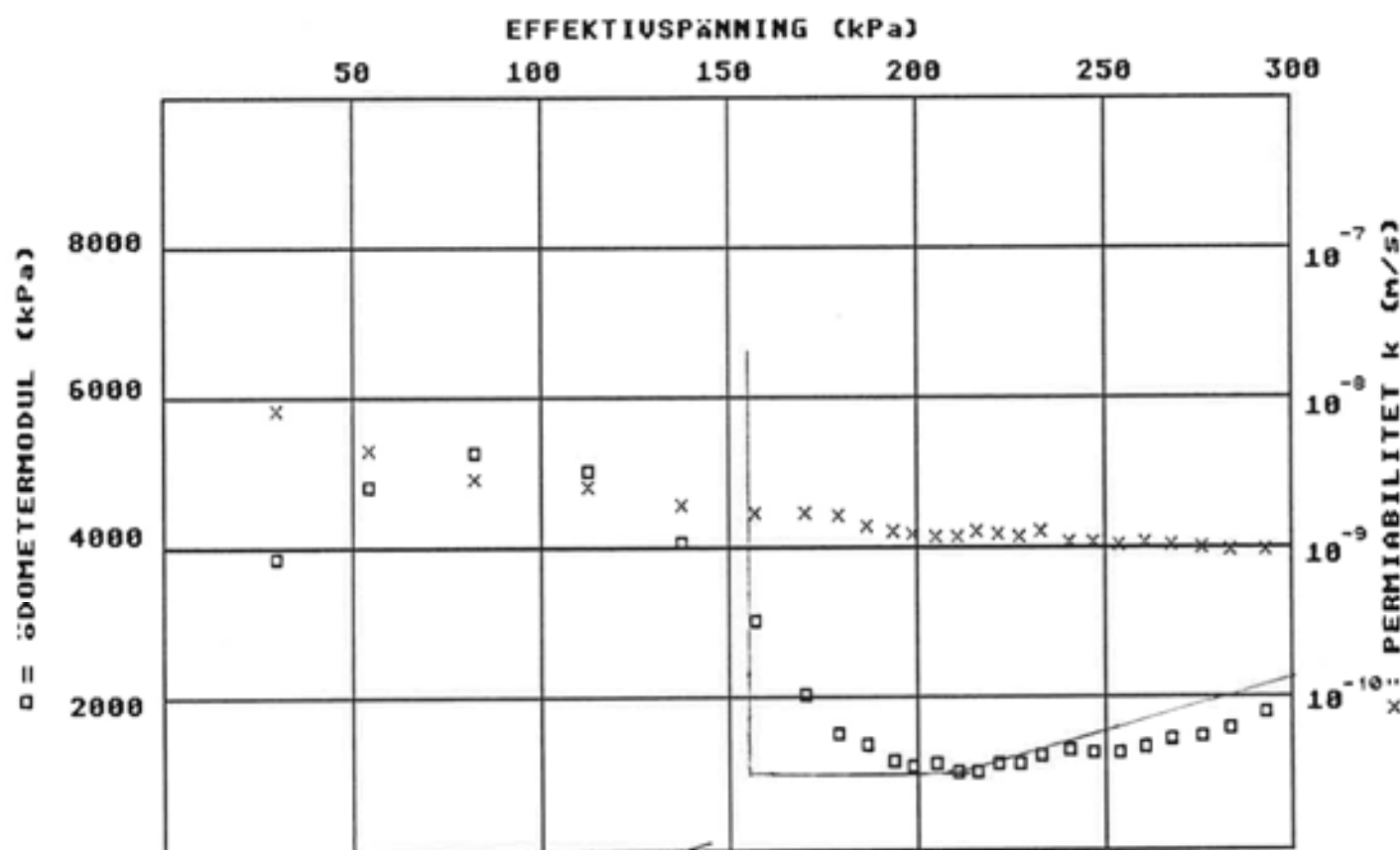
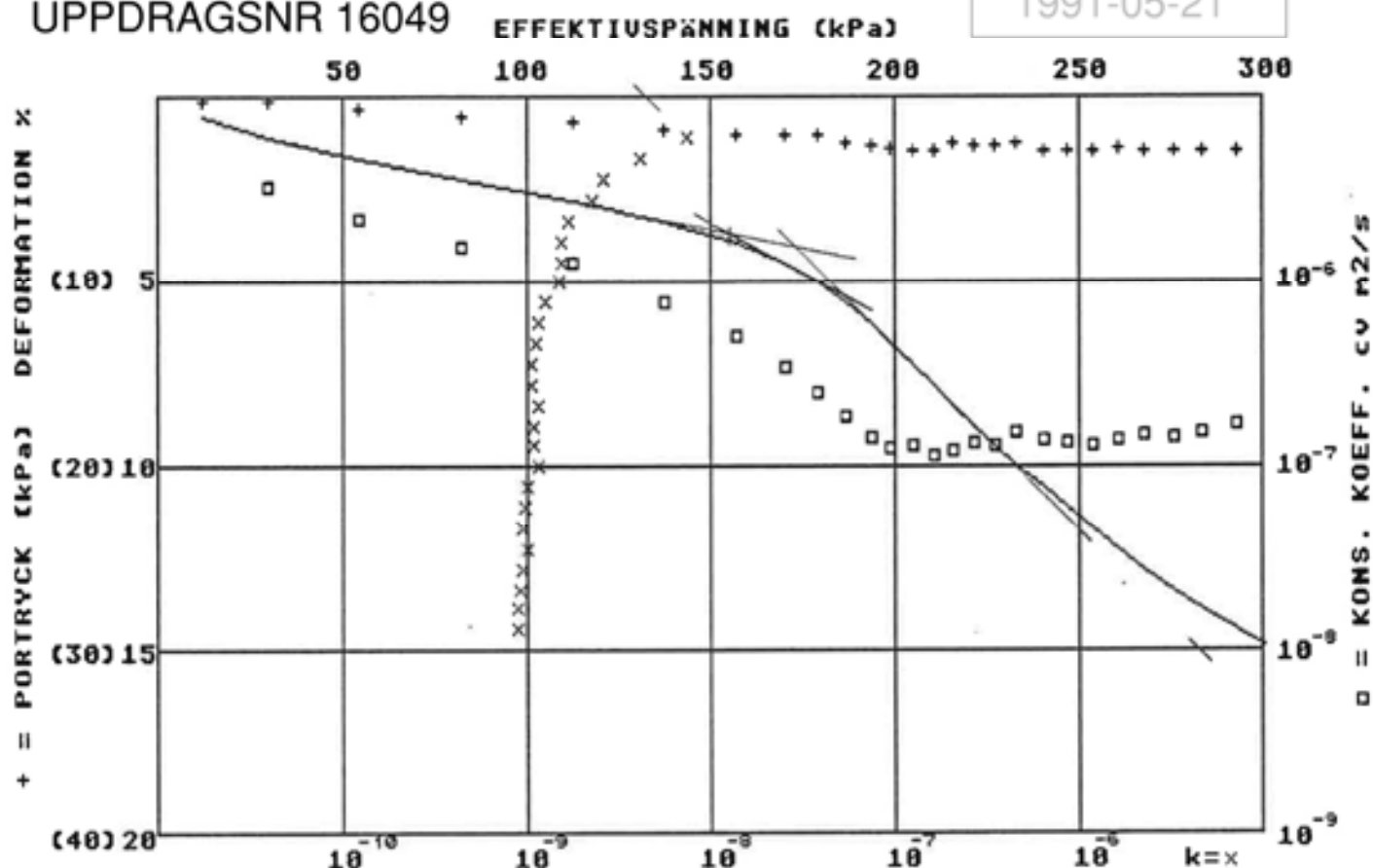
$$\bar{\sigma}_c = 124 \text{ kPa} \quad \bar{\sigma}_{M_v} = 170 \text{ kPa}$$

$$M = 1025 \text{ kPa} \quad C_v = -$$

$$a = 63 \text{ kPa} \quad \text{Uppdragsnr: 16049}$$

$$m = 9.6$$

2018-12-15



$$\bar{\sigma}_c = 155 \text{ kPa} \quad \bar{\sigma}_{Mc} = 210 \text{ kPa}$$

$$M = 1000 \text{ kPa} \quad c_v = -$$

$$a = 138 \text{ kPa}$$

$$u = 13.8$$

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

BORRHÅL 21. DJUP 14.0 M

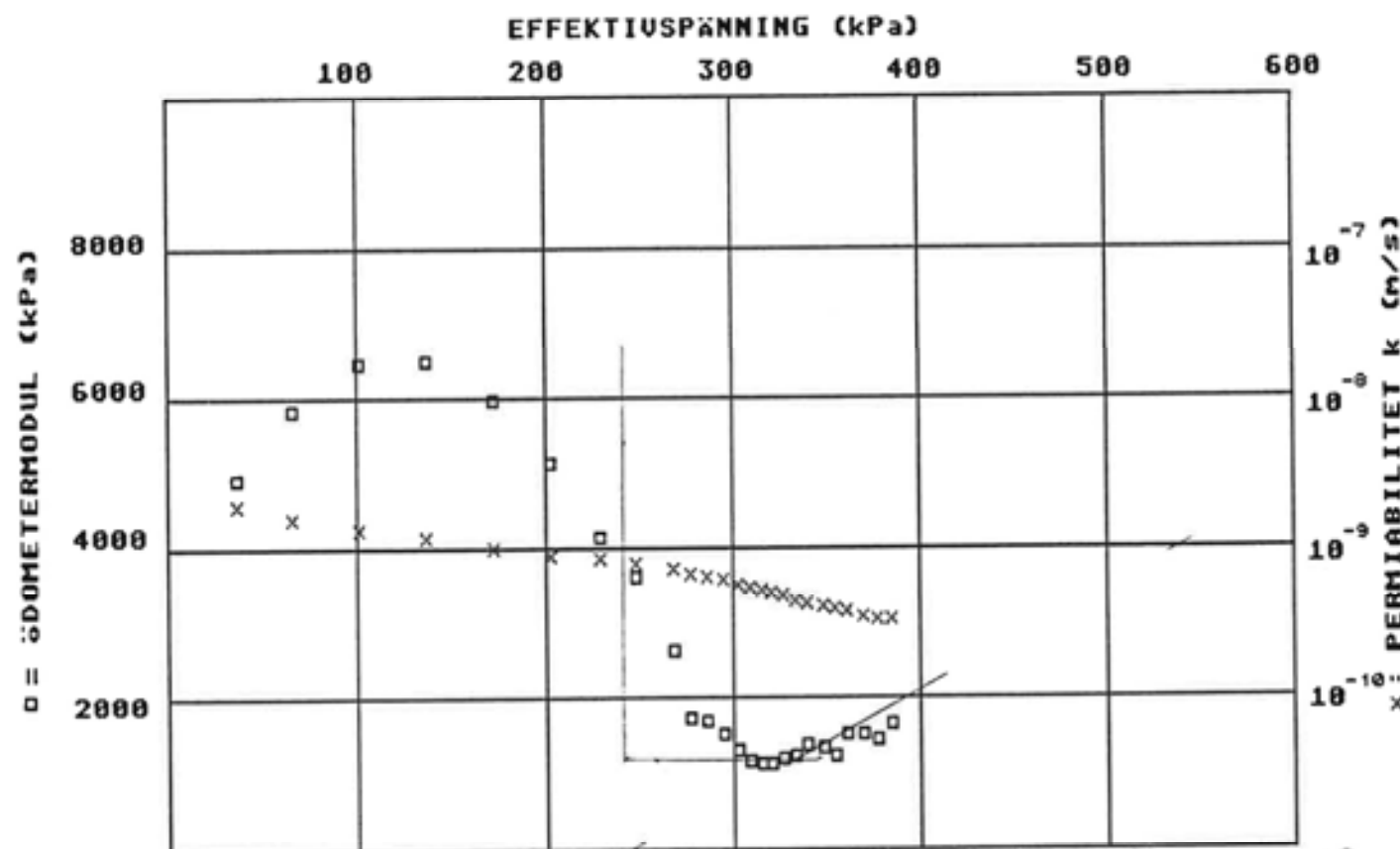
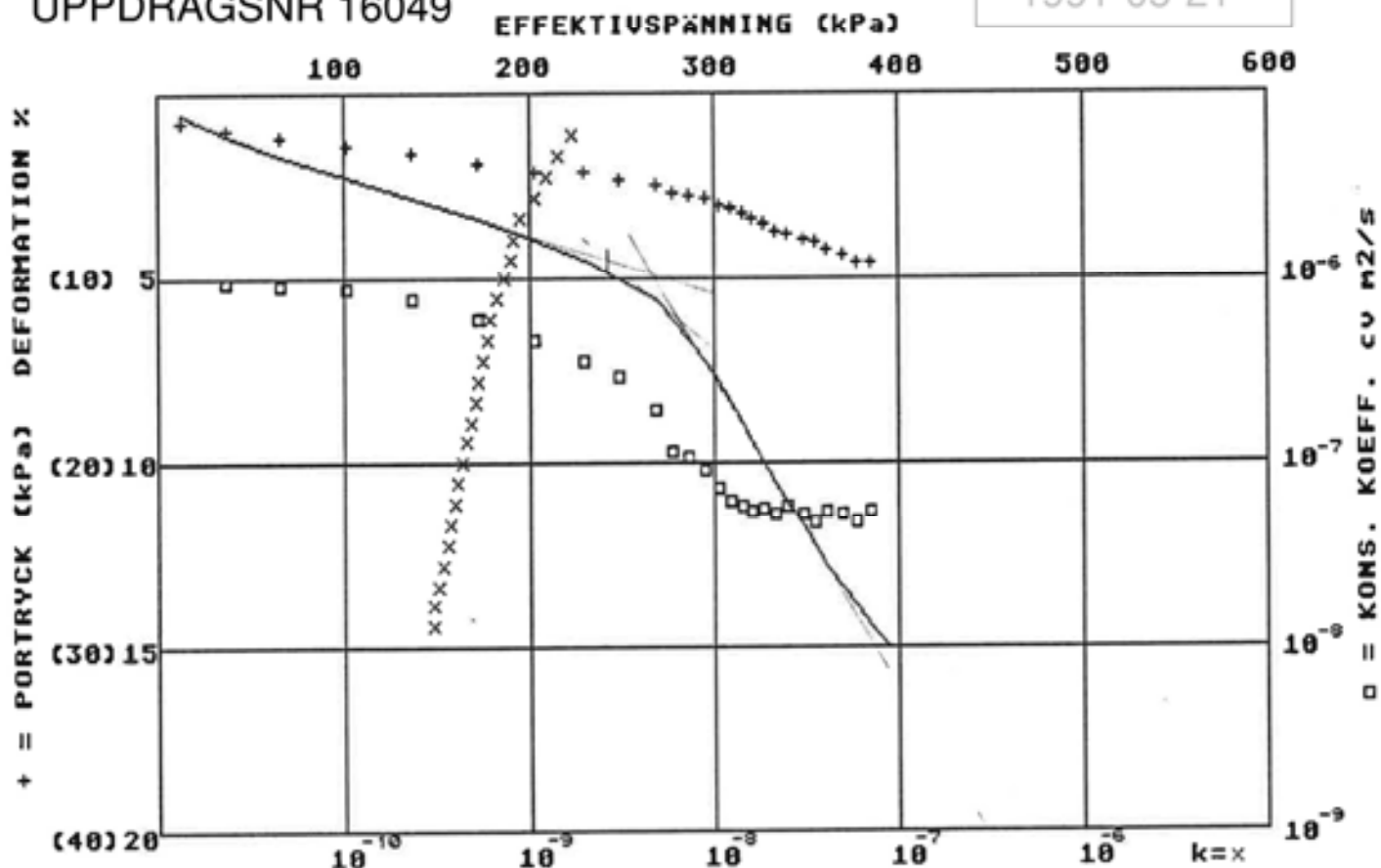
BORRHÅL GV21

UPPDRAGSNR 16049

Geo Väst Bilaga 5:108

91-071

1991-05-21



$\bar{\sigma}_c = 241 \text{ kPa}$   $\bar{\sigma}_{HL} = 332 \text{ kPa}$   
 $M = 1200 \text{ kPa}$   $C_v = 4.5 \cdot 10^{-8} \text{ m}^2/\text{s}$   
 $\alpha = 244 \text{ kPa}$   
 $\mu = 13.6$



# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

BORRHÅL 21. DJUP 16.0 M

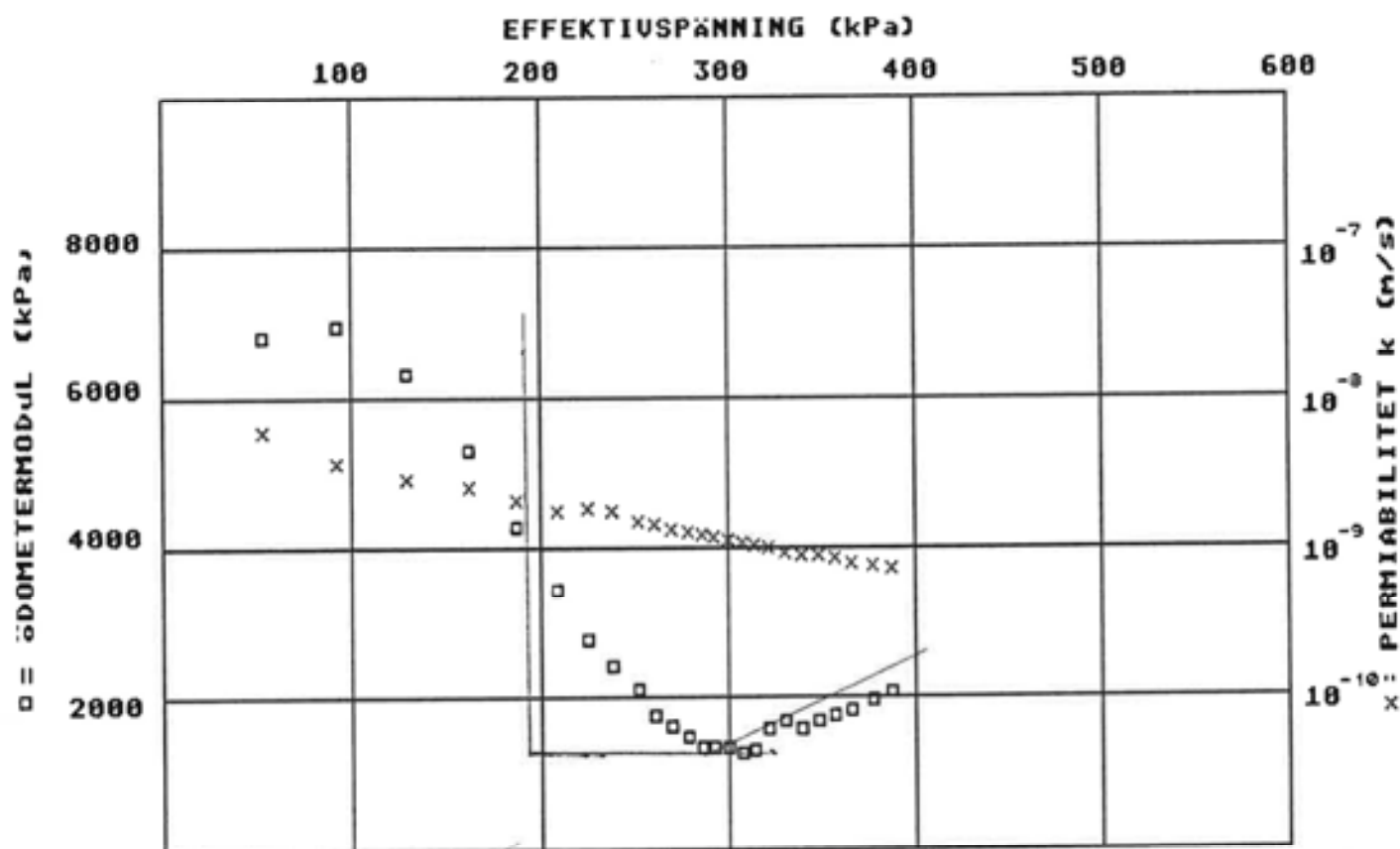
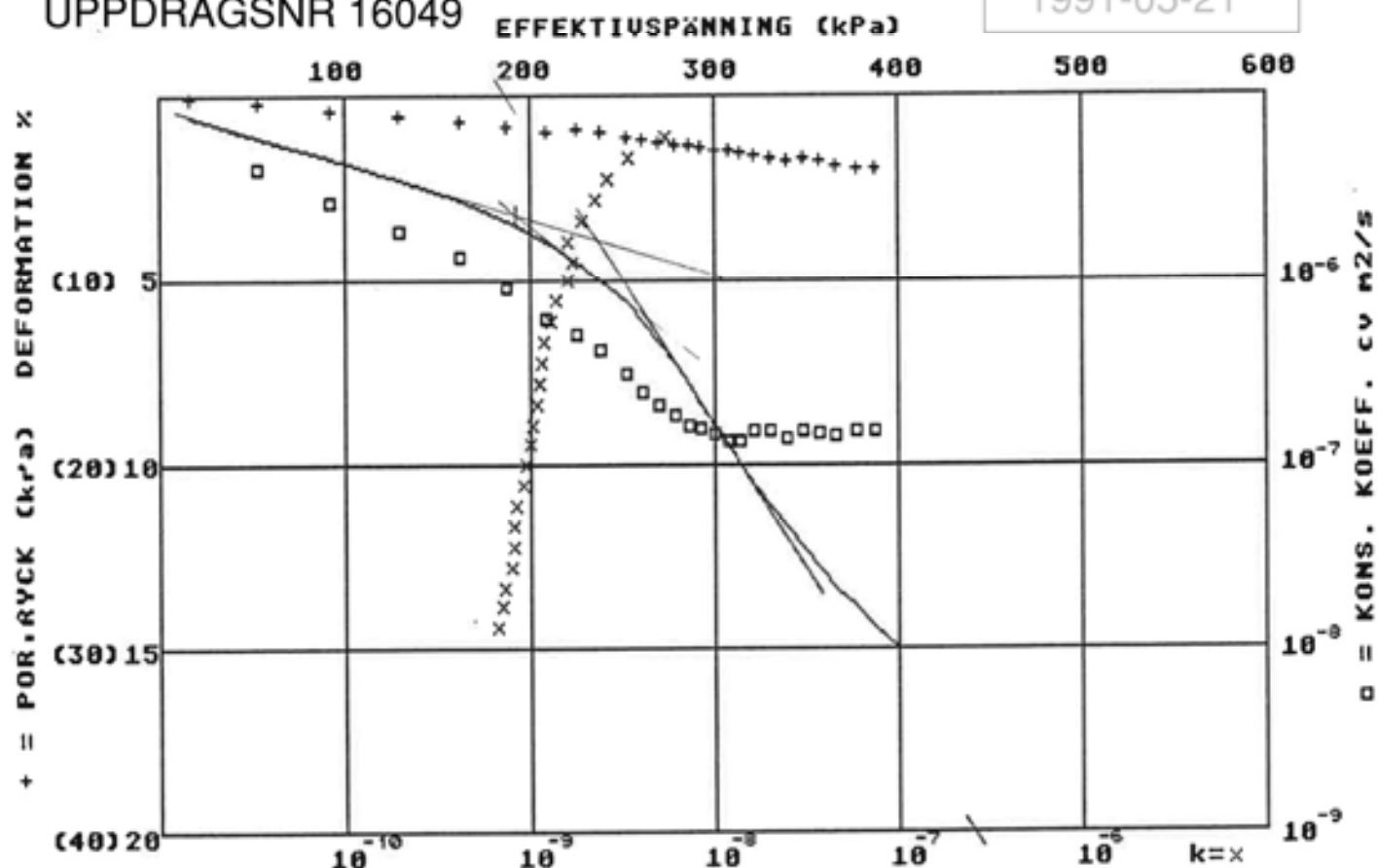
BORRHÅL GV21

UPPDRAGSNR 16049

Geo Väst Bilaga 5:109

91-071

1991-05-21



$$\bar{\sigma}_c = 192 \text{ kPa} \quad \bar{\sigma}_{MC} = 289 \text{ kPa}$$

$$M = 1265 \text{ kPa} \quad C_v$$

$$\alpha = 178 \text{ kPa}$$

$$u = 11.4$$

Uppdragsnr: 16049

2018-12-15

# KARTÅSEN, LIDKÖPING. CRS-FÖRSÖK

BORRHÅL 21. DJUP 20.0 M

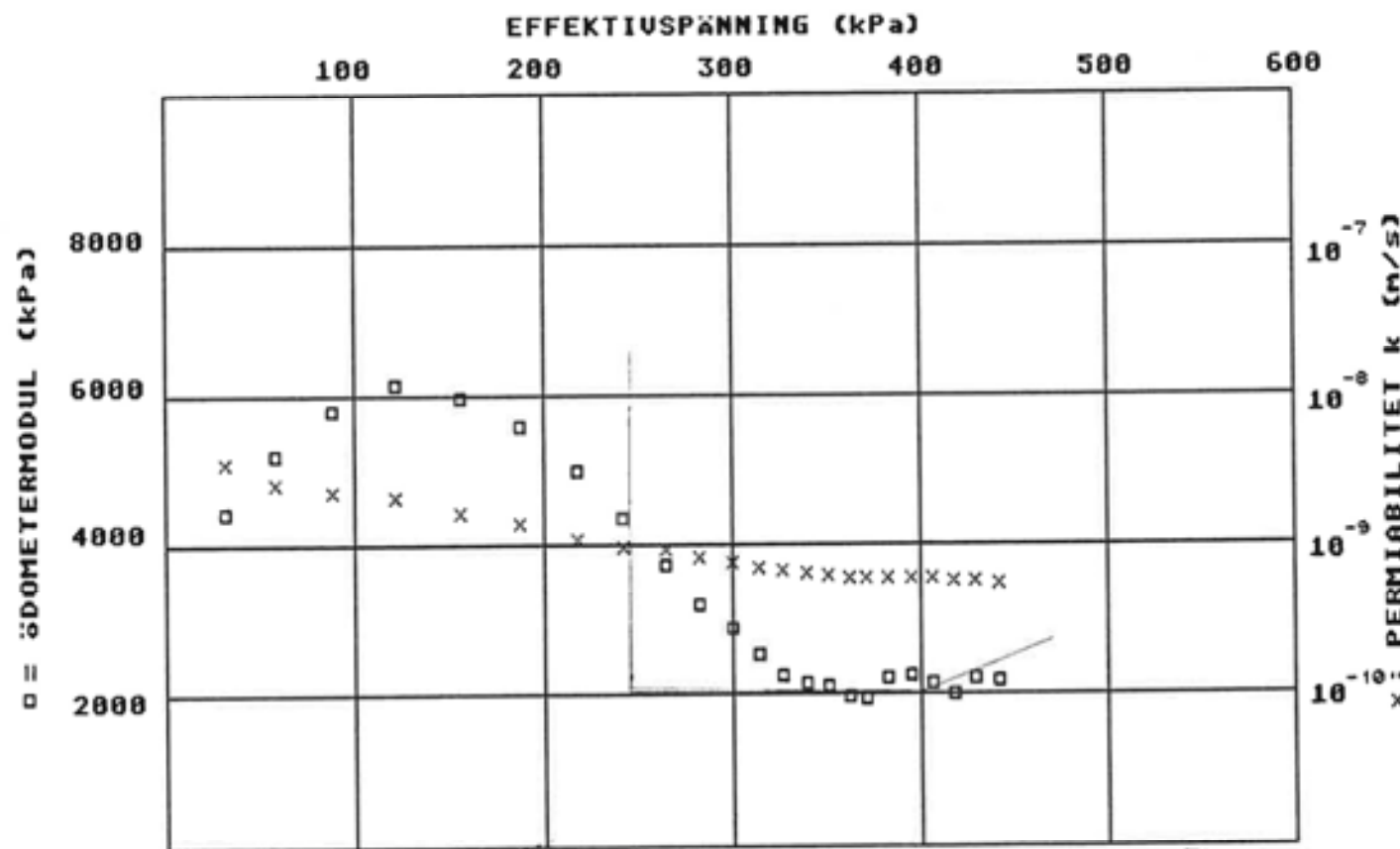
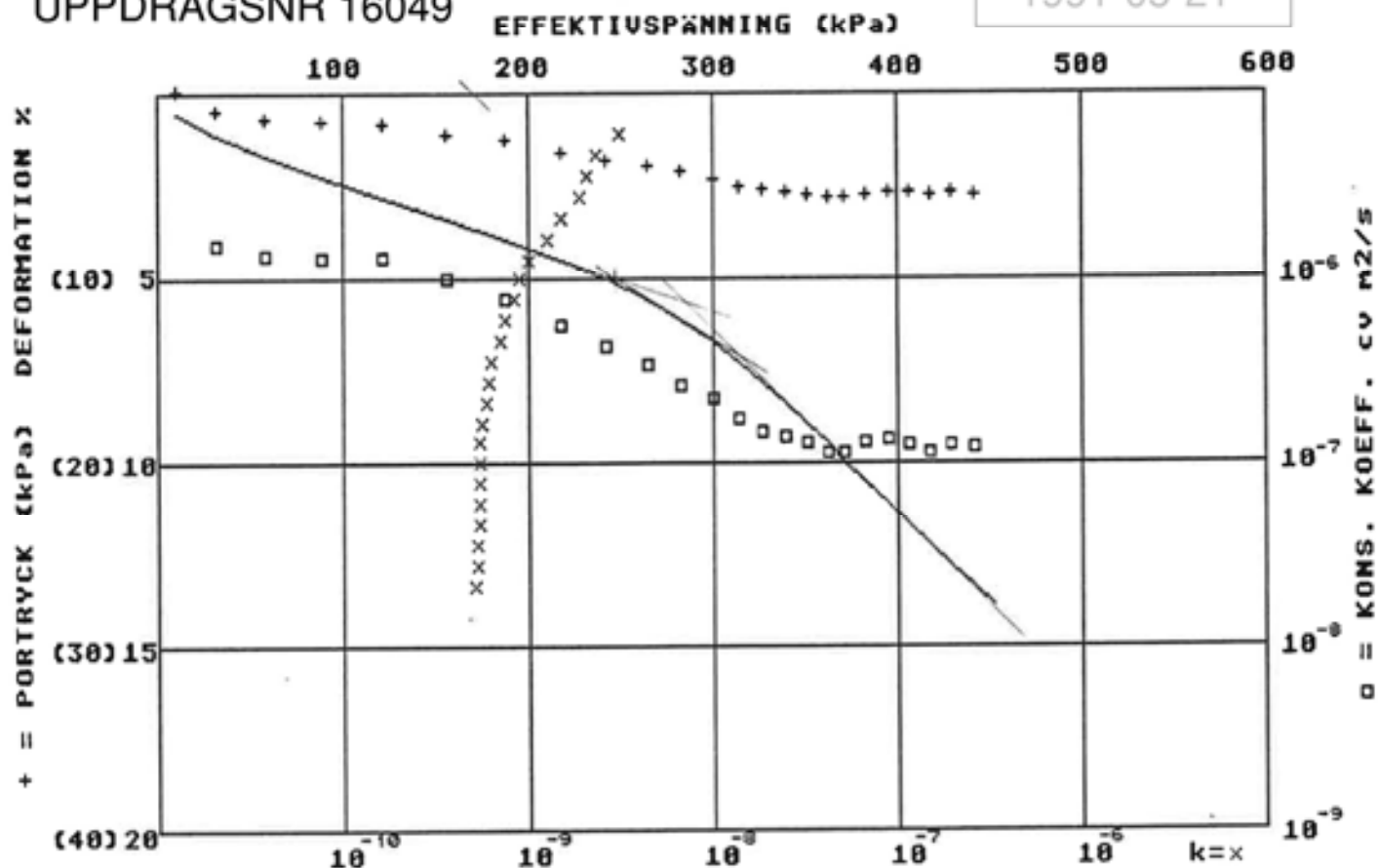
BORRHÅL GV21

UPPDRAGSNR 16049

Geo Väst Bilaga 5:110

91-071

1991-05-21



$\sigma'_c = 246 \text{ kPa}$   $\sigma'_{HL} \sim 400 \text{ kPa}$

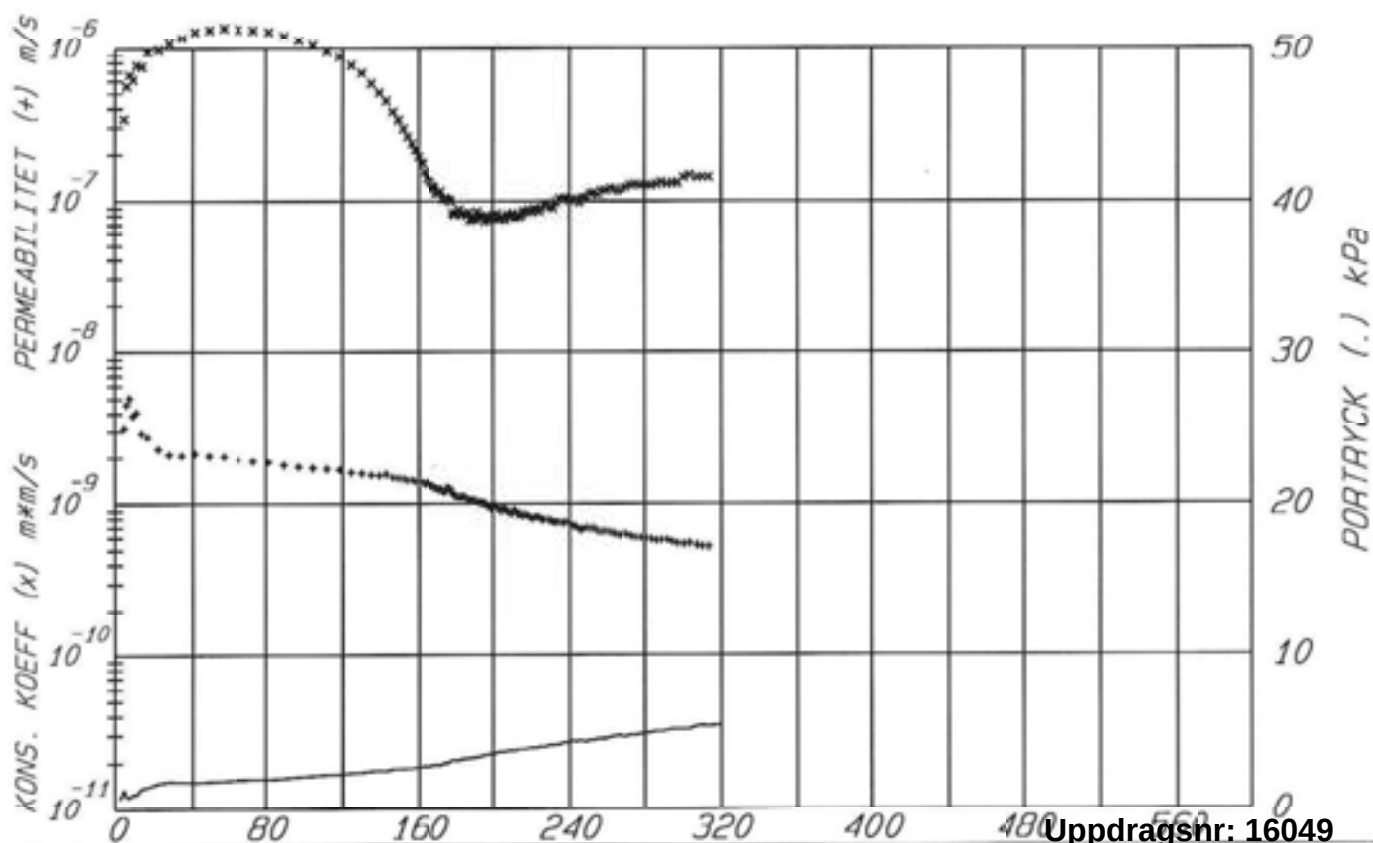
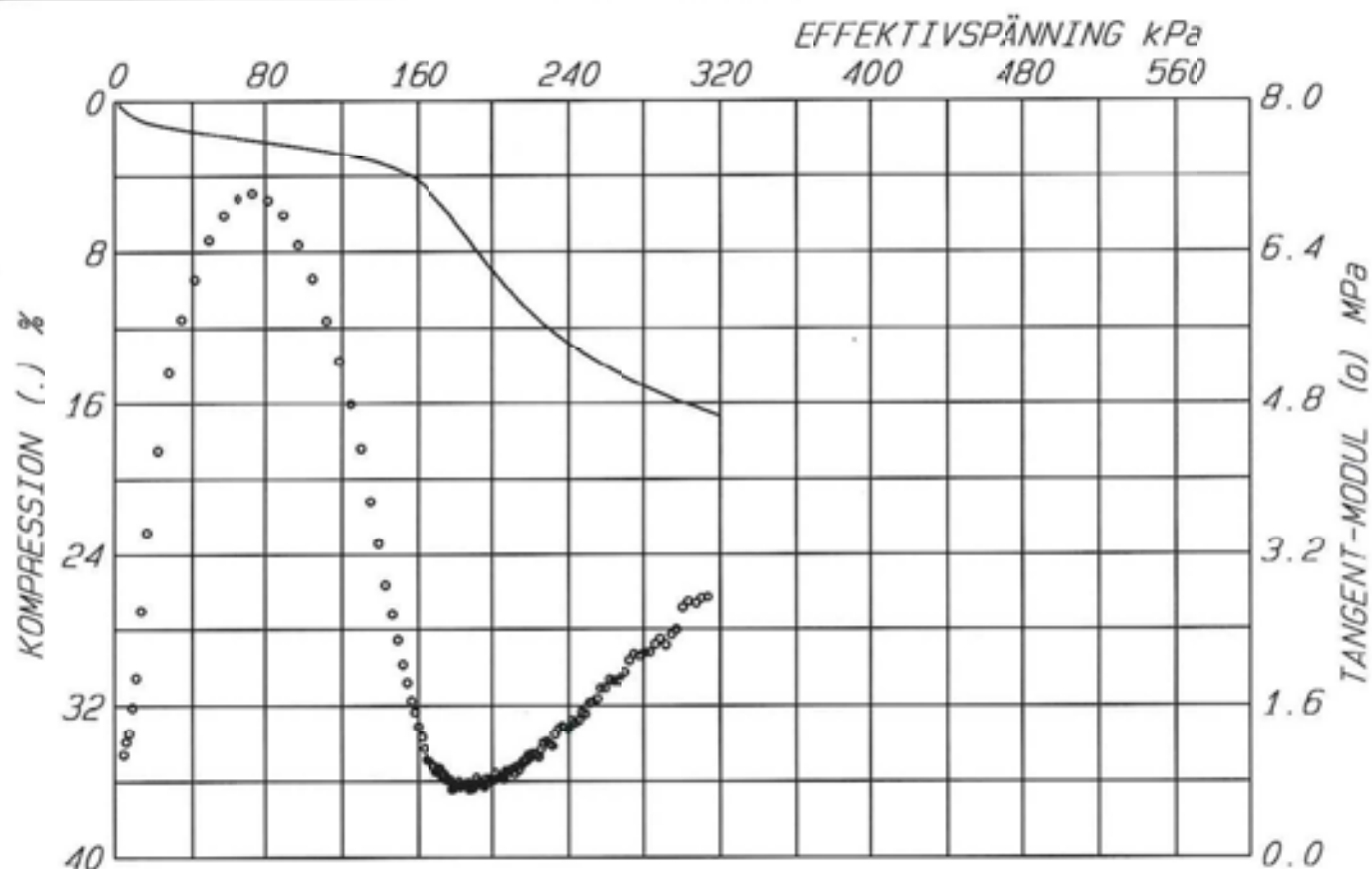
$M = 2020 \text{ kPa}$   $C_v$

$a = 193$  Uppdragsnr: 16049

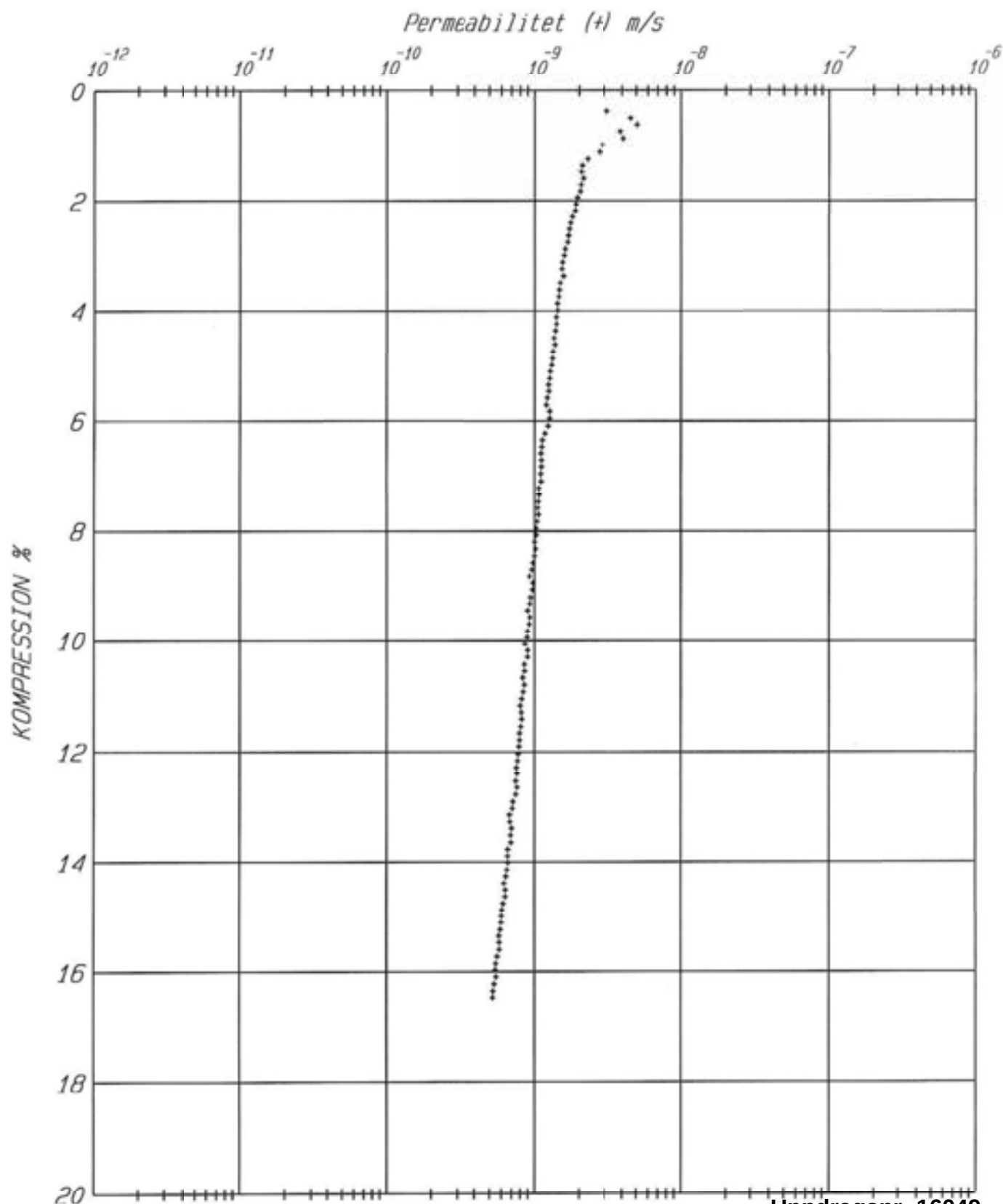
$m = \sim 10$

2018-12-15

|                                                                                                                                                            |                                 |                               |                           |                          |                              |                                                        |                 |                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|---------------------------|--------------------------|------------------------------|--------------------------------------------------------|-----------------|----------------------------------------|--|
| <div>WSP</div> <div>Struktur<br/>101198<br/>2015-11-27</div> <div>WSP Samhällsbyggnad<br/>Tel 100 010-722/ 236/ 275/ 321<br/>Tel kontor 010-7225 000</div> | ÖDOMETERFÖRSÖK<br><br>CRS0.7%/h |                               |                           |                          |                              | Uppdrag 16049<br><del>5001 1313</del>                  |                 | Bilaga 5:111<br>Datum<br>2014-05-09 A2 |  |
|                                                                                                                                                            |                                 |                               |                           |                          |                              | Projekt Kartåsen<br><del>Väg 44 Kallby-Lidköping</del> |                 | Testkod: v4400054.crs                  |  |
| Jordparametrar                                                                                                                                             | Jordart<br>svsile               | Dens t/m <sup>3</sup><br>1.66 | w <sub>n</sub> %<br><br>  | w <sub>L</sub> %<br><br> | c <sub>e</sub> kPa<br><br>   | S <sub>t</sub><br><br>                                 | Borrhål<br>0005 | Djup<br>4 m                            |  |
| Utvärdering enl.<br>SS027126                                                                                                                               | σ' <sub>c</sub> kPa<br>111      | σ' <sub>L</sub> kPa<br>185    | M <sub>L</sub> kPa<br>750 | M'<br>16.5               | k <sub>v</sub> m/s<br>2.0E-9 | beta <sub>k</sub><br>3.5                               |                 |                                        |  |



|                                                                                                                                        |                                                |                           |                                                                                  |             |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------|----------------------------------------------------------------------------------|-------------|-----------------------------------------------|
| <b>WSP</b><br>Struktur<br>101598<br>2015-11-27<br><br>WSP Samhällsbyggnad<br>Tel lab 010-7227 236/ 275/ 321<br>Tel kontor 010-7225 000 | <b>ÖDOMETERFÖRSÖK</b><br><br><b>CRS</b> 0.7%/h |                           | Uppdrag 16049<br><del>5801 1313</del>                                            |             | <b>Bilaga 5:112</b><br>Datum<br>2014-05-09 A2 |
|                                                                                                                                        |                                                |                           | Projekt Kartåsen      Testkod: v4400054.crs<br><del>Väg 44 Kalby-Lidköping</del> |             |                                               |
| Jordparametrar                                                                                                                         | $k_v$ m/s<br>2.0E-9                            | $\beta_{\alpha,k}$<br>3.5 | Borrhål<br>0005                                                                  | Djup<br>4 m |                                               |



**WSP**Struktur  
101198  
2015-11-27WSP Samhällsbyggnad  
Tel lab 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS**

0.7%/h

Uppdrag 16049

~~5001-1313~~

Bilaga 5:113

2014-05-09 AZ

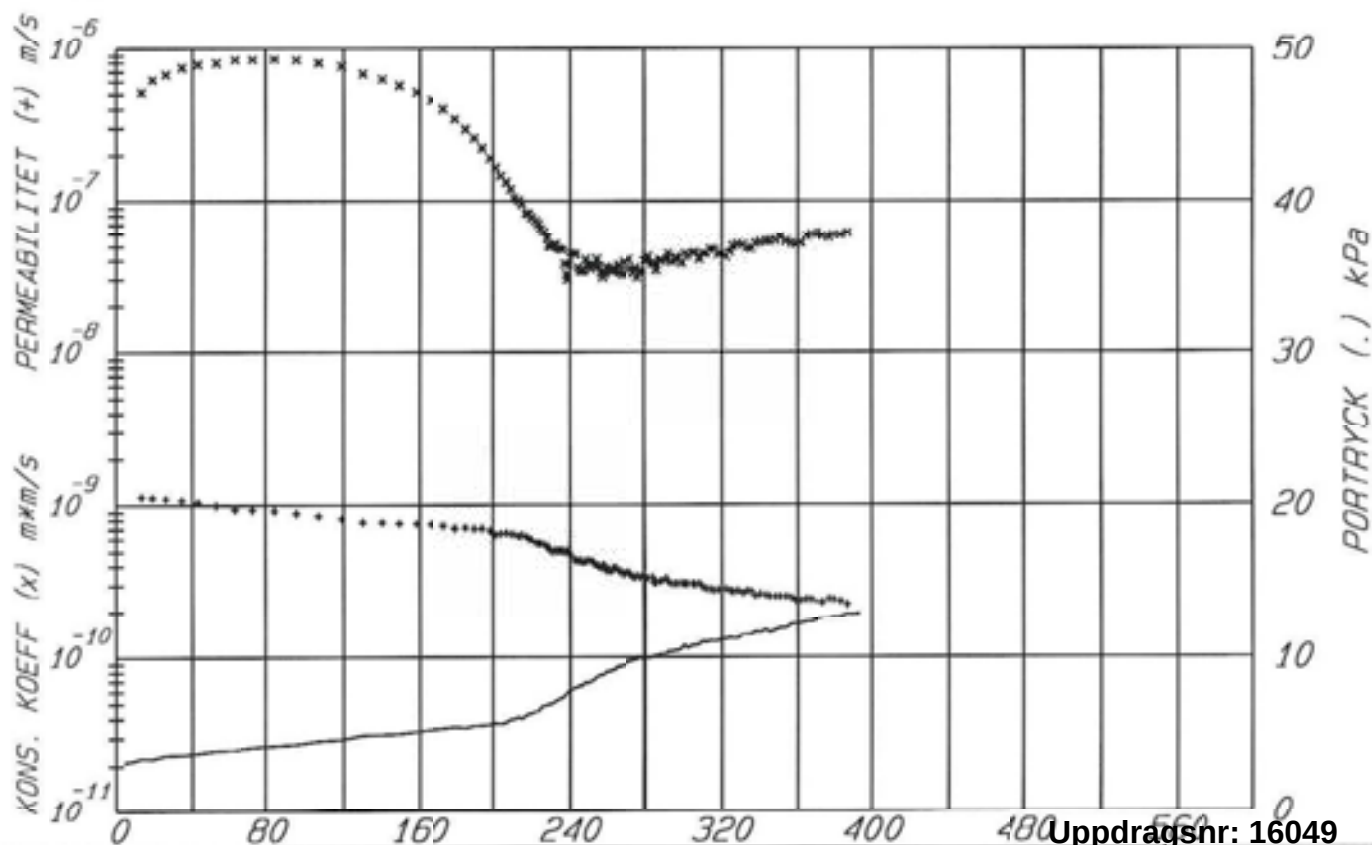
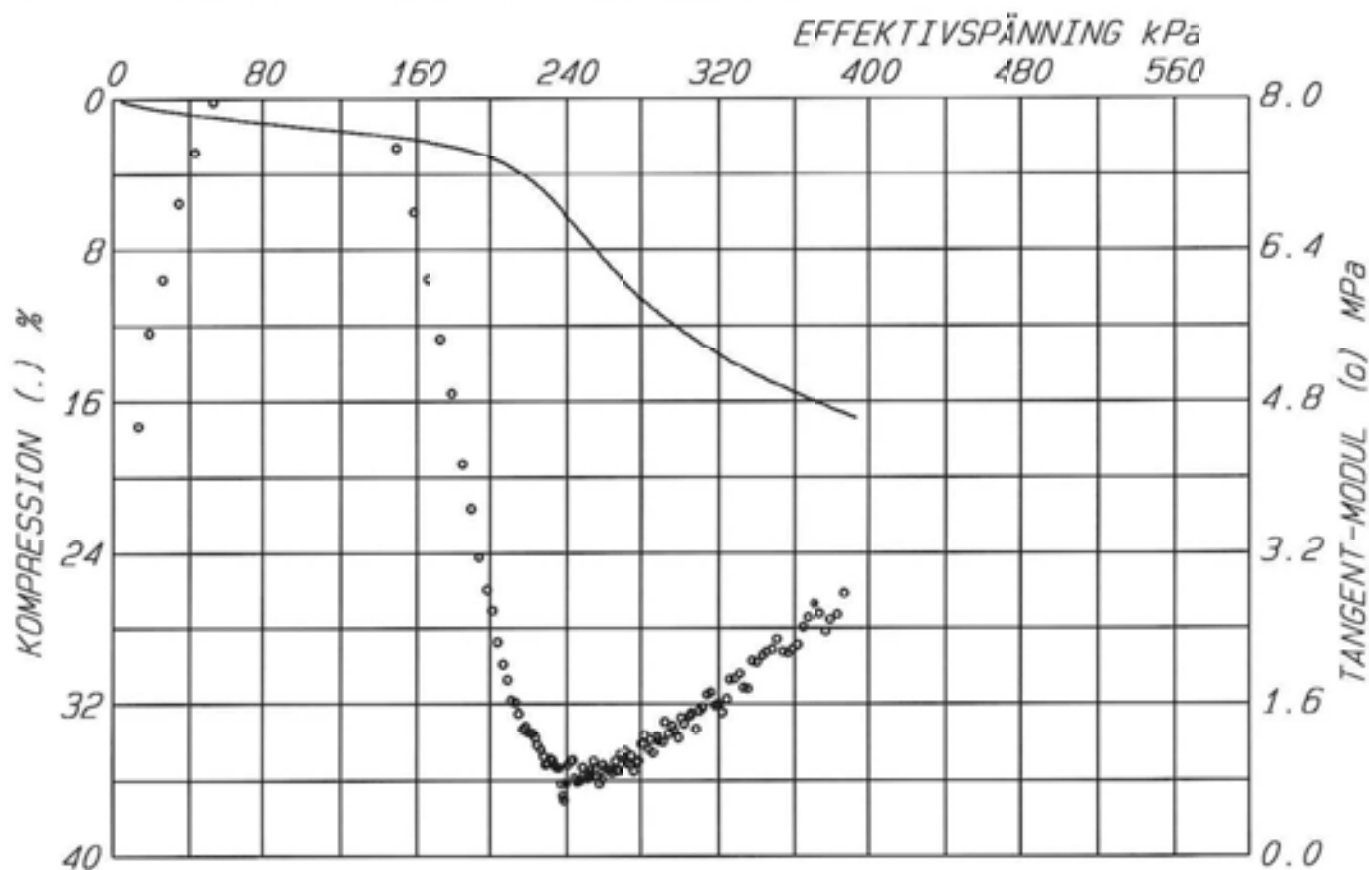
Projekt Kartåsen

Testkod: v4400057.crs

~~Väg 44 Kallby-Lidköping~~

|                |                   |                               |                  |                  |                    |                |                 |             |
|----------------|-------------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|-------------|
| Jordparametrar | Jordart<br>susiLe | Dens t/m <sup>3</sup><br>1.64 | w <sub>n</sub> % | w <sub>L</sub> % | c <sub>u</sub> kPa | S <sub>t</sub> | Borrhål<br>0005 | Djup<br>7 m |
|----------------|-------------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|-------------|

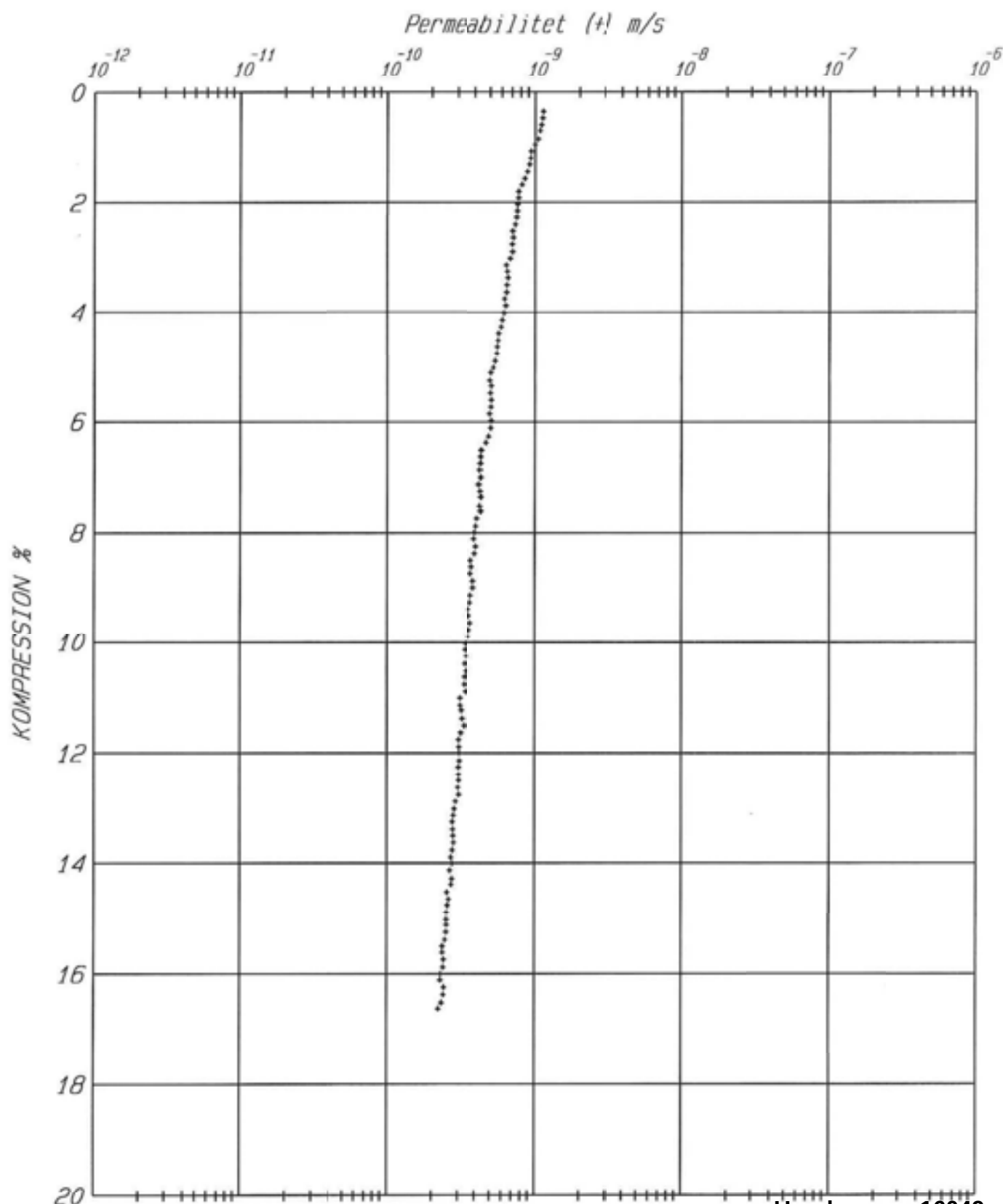
|                              |                         |                         |                  |               |                      |               |
|------------------------------|-------------------------|-------------------------|------------------|---------------|----------------------|---------------|
| Utvärdering enl.<br>SS021126 | $\nabla_c^*$ kPa<br>191 | $\nabla_L^*$ kPa<br>237 | $H_L$ kPa<br>840 | $H^*$<br>13.9 | $k_1$ m/s<br>8.0E-10 | beta_k<br>3.5 |
|------------------------------|-------------------------|-------------------------|------------------|---------------|----------------------|---------------|



Uppdragsnr: 16049

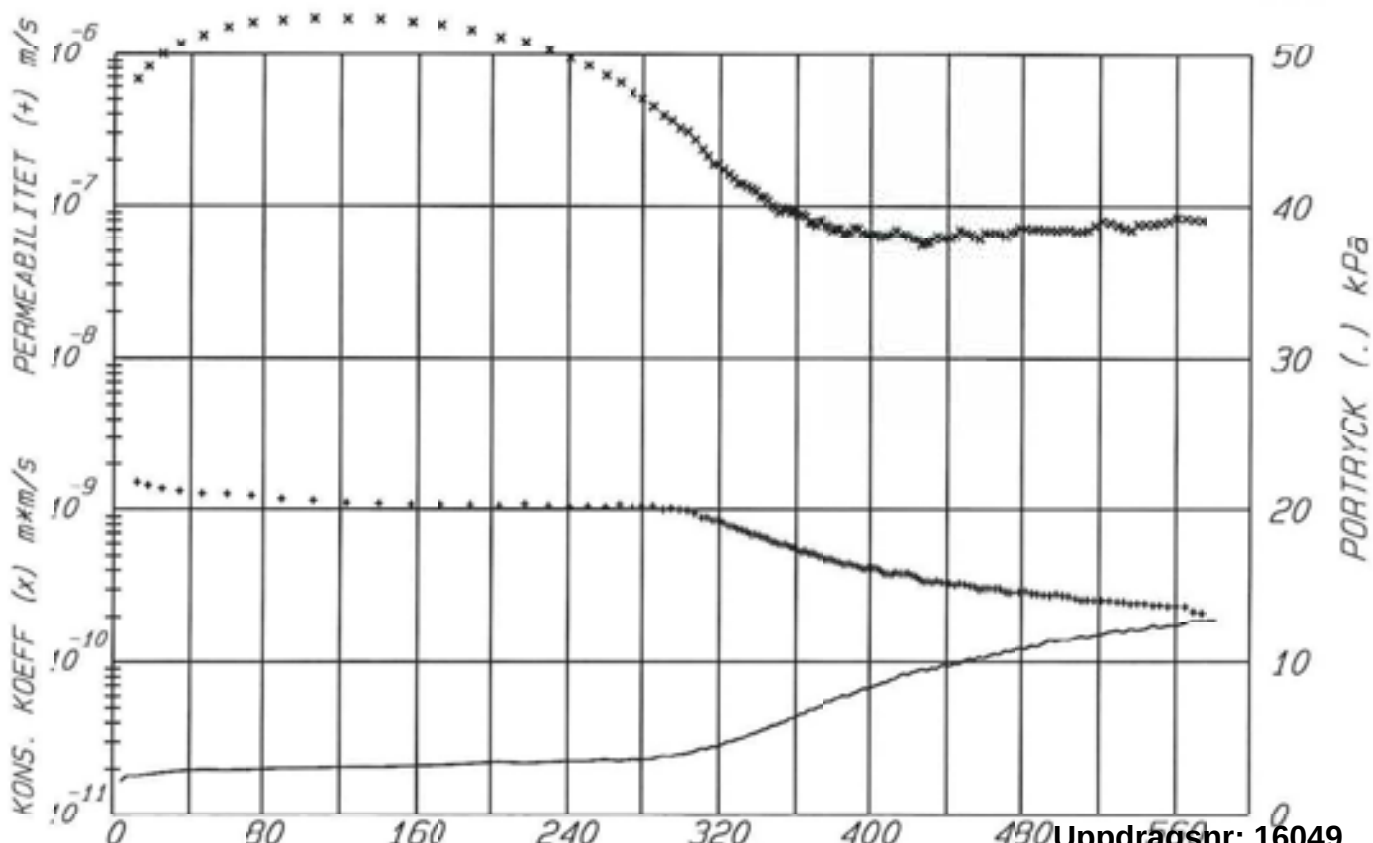
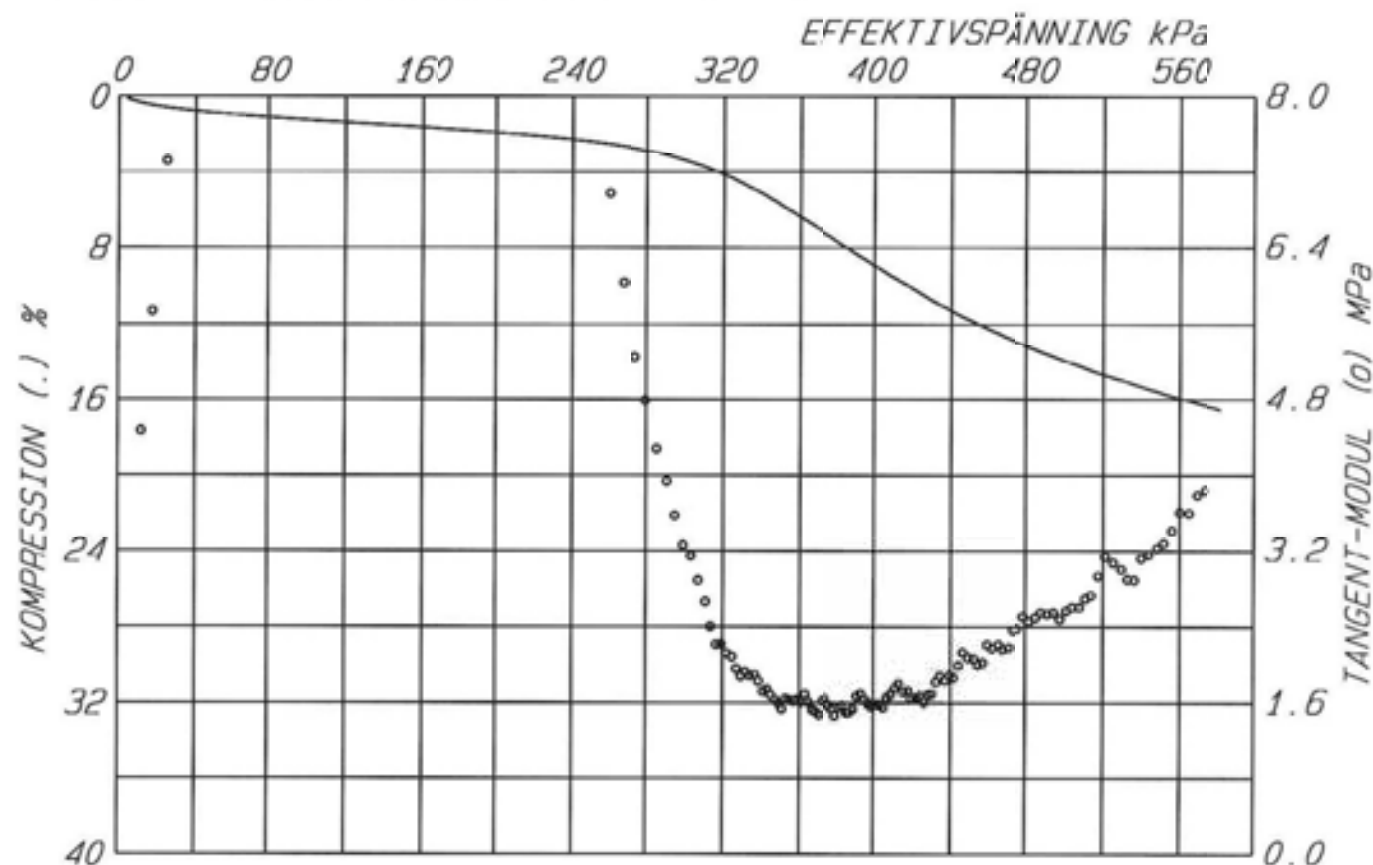
2018-12-15

|                                                                                                                 |                                                   |                                                              |                                                               |                                        |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------|
| <b>WSP</b><br><small>KSP Samhällsbyggnad<br/>Tel 180 010-7221 236/ 275/ 321<br/>Tel kontor 010-7225 000</small> | <small>Struktur<br/>101598<br/>2015-11-27</small> | <b>ÖDOMETERFÖRSÖK</b><br><br><b>CRS</b><br><br><i>0.7%/h</i> | <b>Bilaga 5:114</b>                                           |                                        |
|                                                                                                                 |                                                   |                                                              | <small>Uppdrag 16049<br/><del>5001-1313</del></small>         | <small>Datum<br/>2014-05-09 AZ</small> |
|                                                                                                                 |                                                   |                                                              | <b>Projekt Kartåsen</b><br><del>Väg 44 Kallby-Lidköping</del> |                                        |
|                                                                                                                 |                                                   |                                                              | <small>Testkod: v4400057.crs</small>                          |                                        |
| <b>Jordparametrar</b>                                                                                           | $k_v$ m/s<br>8.0E-10                              | $\beta_{\alpha,k}$<br>3.5                                    | <b>Borrhål</b><br>0005                                        | <b>Djup</b><br>7 m                     |



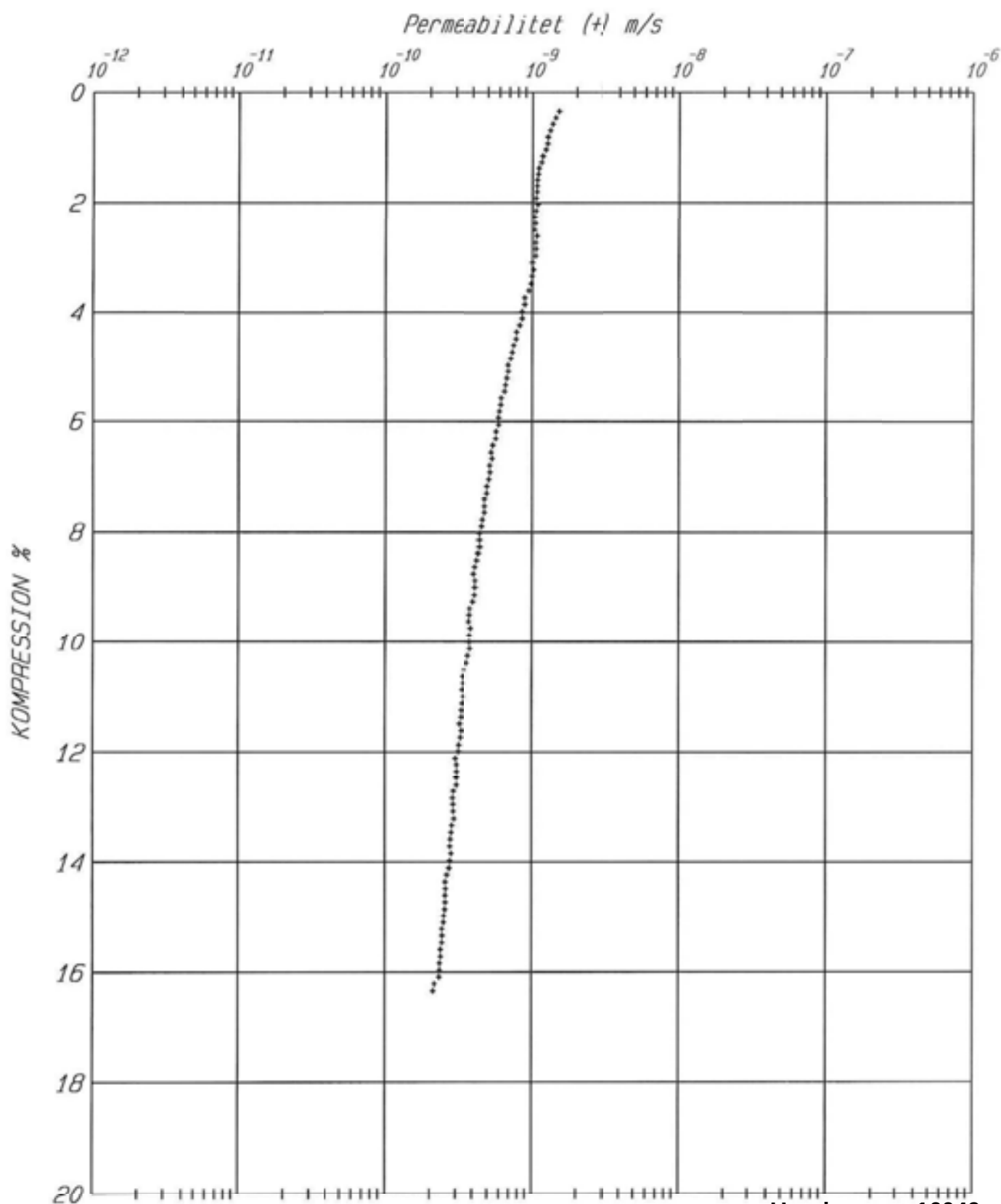
|                |                   |                               |                  |                  |                    |                |                 |              |
|----------------|-------------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|--------------|
| Jordparametrar | Jordart<br>susiLe | Dens t/m <sup>3</sup><br>1.69 | w <sub>n</sub> % | w <sub>L</sub> % | c <sub>u</sub> kPa | S <sub>t</sub> | Borrhål<br>0005 | Djup<br>12 m |
|----------------|-------------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|--------------|

|                              |                        |                        |                   |              |                     |                          |
|------------------------------|------------------------|------------------------|-------------------|--------------|---------------------|--------------------------|
| Utvärdering enl.<br>SS027126 | $\sigma'_c$ kPa<br>280 | $\sigma'_L$ kPa<br>395 | $H_L$ kPa<br>1590 | $M'$<br>12.8 | $k_s$ m/s<br>1.0E-9 | beta <sub>k</sub><br>4.2 |
|------------------------------|------------------------|------------------------|-------------------|--------------|---------------------|--------------------------|





|                                                                                             |                                  |                                                |                 |                                                                                   |  |
|---------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|--|
| <b>WSP</b><br>Svehaallsbyggnad<br>Tel lab 010-7227 236/ 271/ 321<br>Tel kontor 010-7225 000 | Struktur<br>101198<br>2015-11-27 | <b>ÖDOMETERFÖRSÖK</b><br><br><b>CRS</b> 0.7%/h |                 | Uppdrag 16049<br><del>5001-1313</del><br>2014-05-09 AZ                            |  |
|                                                                                             |                                  |                                                |                 | Projekt Kartåsen      Testkod. 44000512.crs<br><del>Väg 44 Kallby-Lidköping</del> |  |
| Jordparametrar                                                                              | $k_s$ m/s<br>1.0E-9              | beta_k<br>4.2                                  | Borrhål<br>0005 | Djup<br>12 m                                                                      |  |





**WSP**Struktur  
101598  
2015-11-27  
WSP Särhallsbyggnad  
Tel lab 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS** 0.7%/h

Uppdrag 16049

~~5001-1313~~

Bilaga 5:117

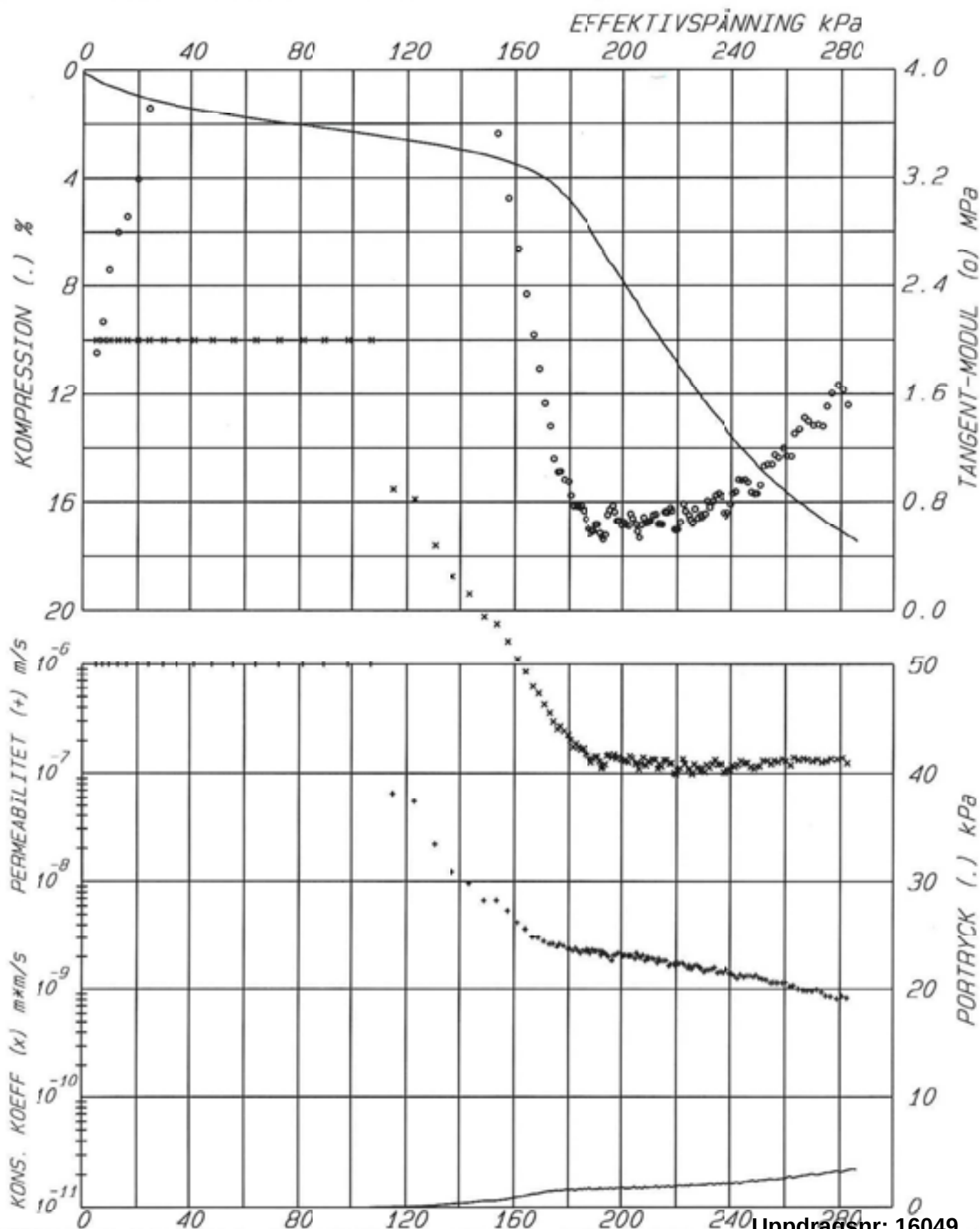
2014-05-06 KS

Projekt Kartåsen

Testkod: v4408013.crs

~~Väg 44 Källby Lidköping~~

| Jordparametrar            | Jordart         | Dens t/m <sup>3</sup> | w <sub>n</sub> % | w <sub>L</sub> % | c <sub>u</sub> kPa | S <sub>t</sub>    | gorrhål                                             | Djup |
|---------------------------|-----------------|-----------------------|------------------|------------------|--------------------|-------------------|-----------------------------------------------------|------|
|                           | silte           | 1.64                  |                  |                  |                    |                   | 0801                                                | 3 m  |
| Utvärdering enl. SS027126 | $\sigma'_c$ kPa | $\sigma'_L$ kPa       | $H_L$ kPa        | H'               | $k_s$ m/s          | beta <sub>k</sub> | OBS! Sen utveckling av portrycket<br>pga rotkanaler |      |
|                           | 158             | 210                   | 640              | 17.6             | 3.3E-9             | 2.8               |                                                     |      |



Uppdragsnr: 16049

2018-12-15

**WSP**Struktur  
101198  
2015-11-27WSP Samhällsbyggnad  
Tel 16b 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS** 0.7%/h

Uppdrag 16049

~~5001-1313~~

Bilaga 5:118

2014-05-06 KS

Projekt Kartåsen

Testkod. v4408013.crs

~~Väg 44 Källby-Lidköping~~

Jordparametrar

 $k_i$  m/s

3.3E-9

beta<sub>k</sub>

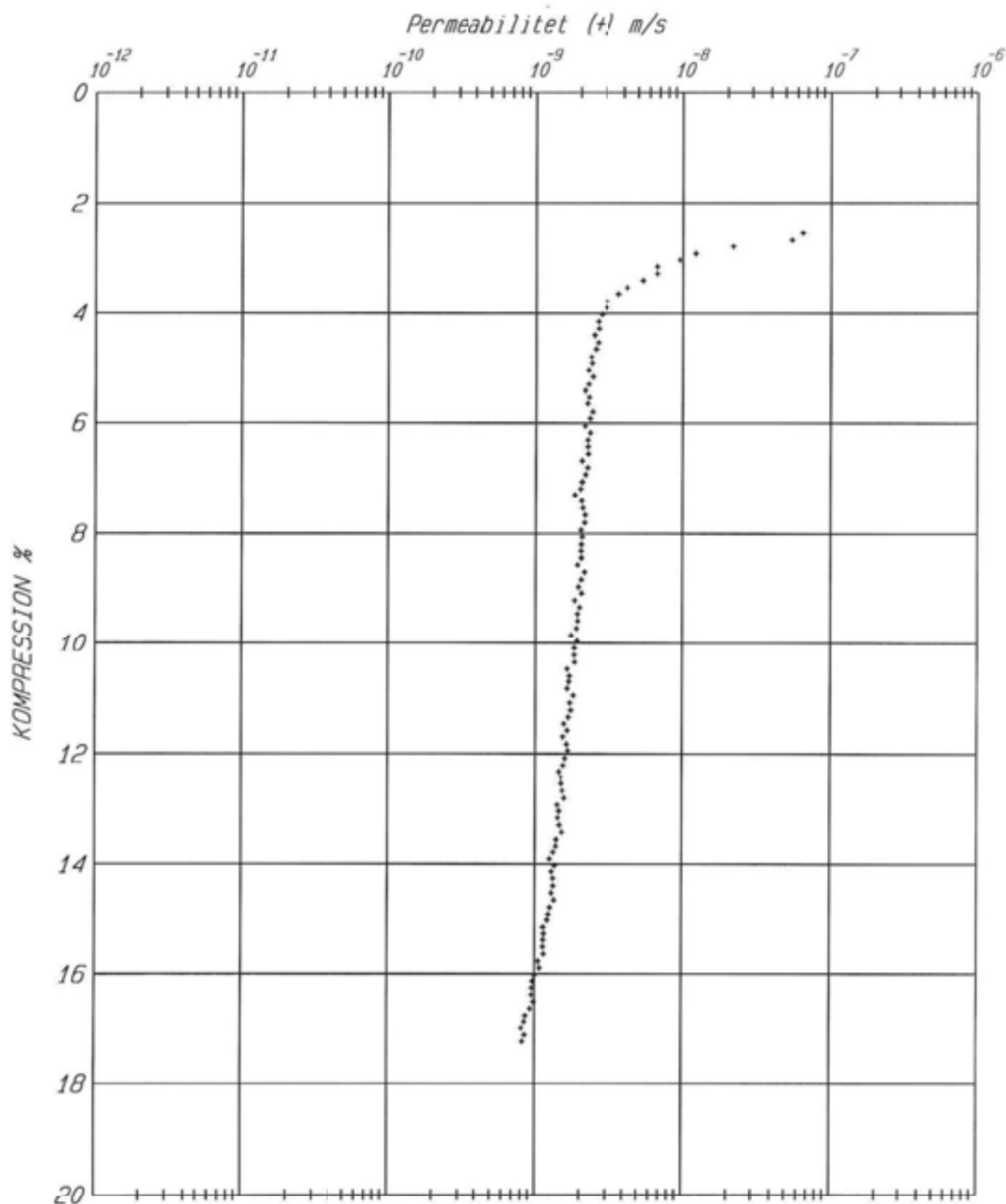
2.8

Borrhål

0801

Djup

3 m

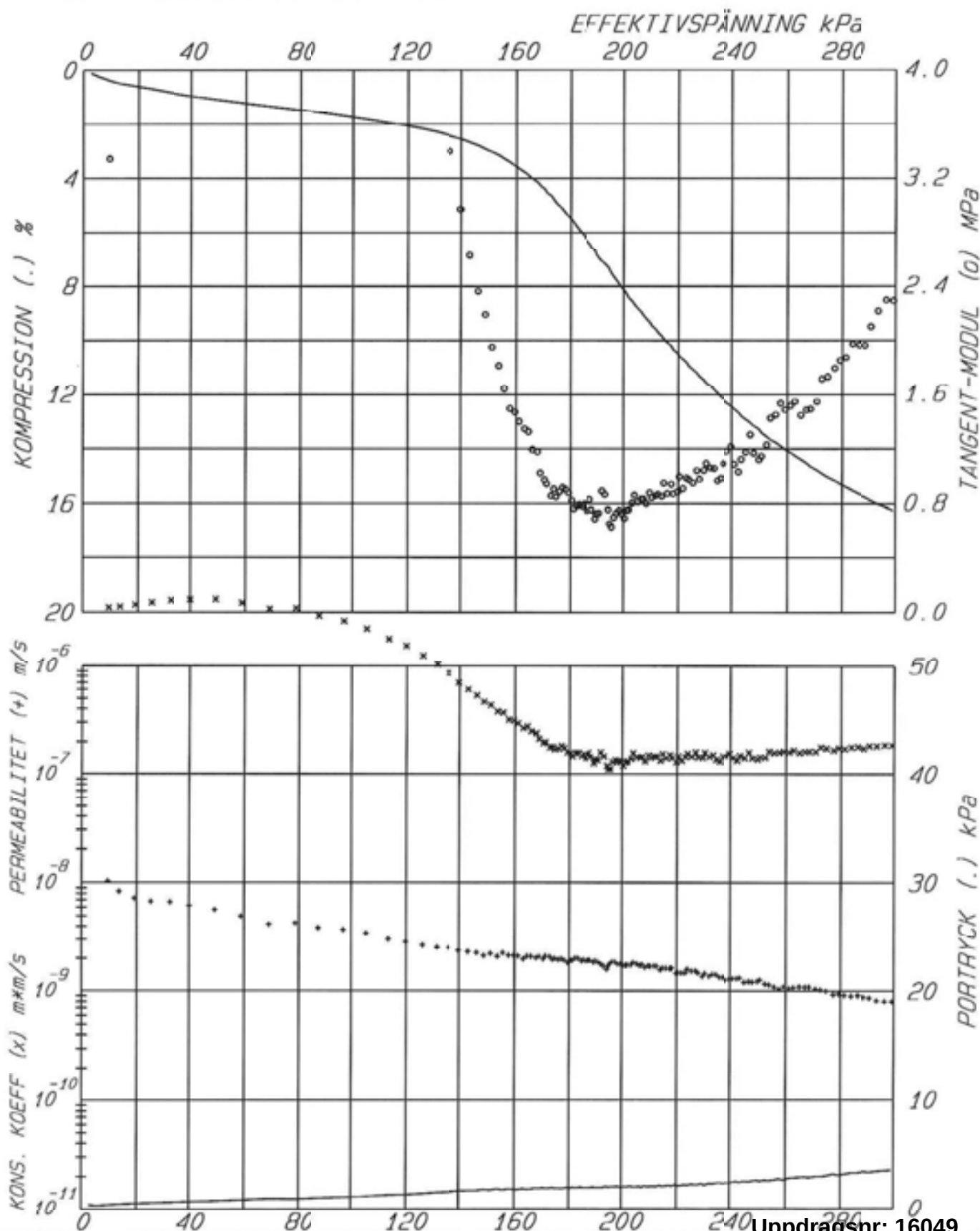


Uppdragsnr: 16049

2018-12-15

|                |                  |                               |                  |                  |                    |                |                 |             |
|----------------|------------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|-------------|
| Jordparametrar | Jordart<br>s.l.e | Dens t/m <sup>3</sup><br>1.67 | w <sub>n</sub> % | w <sub>L</sub> % | c <sub>u</sub> kPa | S <sub>t</sub> | Borrhål<br>0801 | Djup<br>5 m |
|----------------|------------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|-------------|

|                              |                        |                        |                  |              |                     |               |
|------------------------------|------------------------|------------------------|------------------|--------------|---------------------|---------------|
| Utvärdering enl.<br>SS027126 | $\sigma'_c$ kPa<br>139 | $\sigma'_L$ kPa<br>189 | $H_L$ kPa<br>750 | $M'$<br>17.0 | $k_1$ m/s<br>2.4E-9 | beta_k<br>1.5 |
|------------------------------|------------------------|------------------------|------------------|--------------|---------------------|---------------|



**WSP**Struktur  
101198  
2015-11-27WSP Samhällsbyggnad  
Tel lab 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS** 0.7%/h

Uppdrag 16049

~~5001-1313~~**Bilaga 5:120**

2014-05-06 KS

Projekt Kartåsen

Testkod: v4408015.crs

~~Väg 44 Källby-Lidköping~~

Jordparametrar

 $k_s$  m/s

2.4E-9

beta\_k

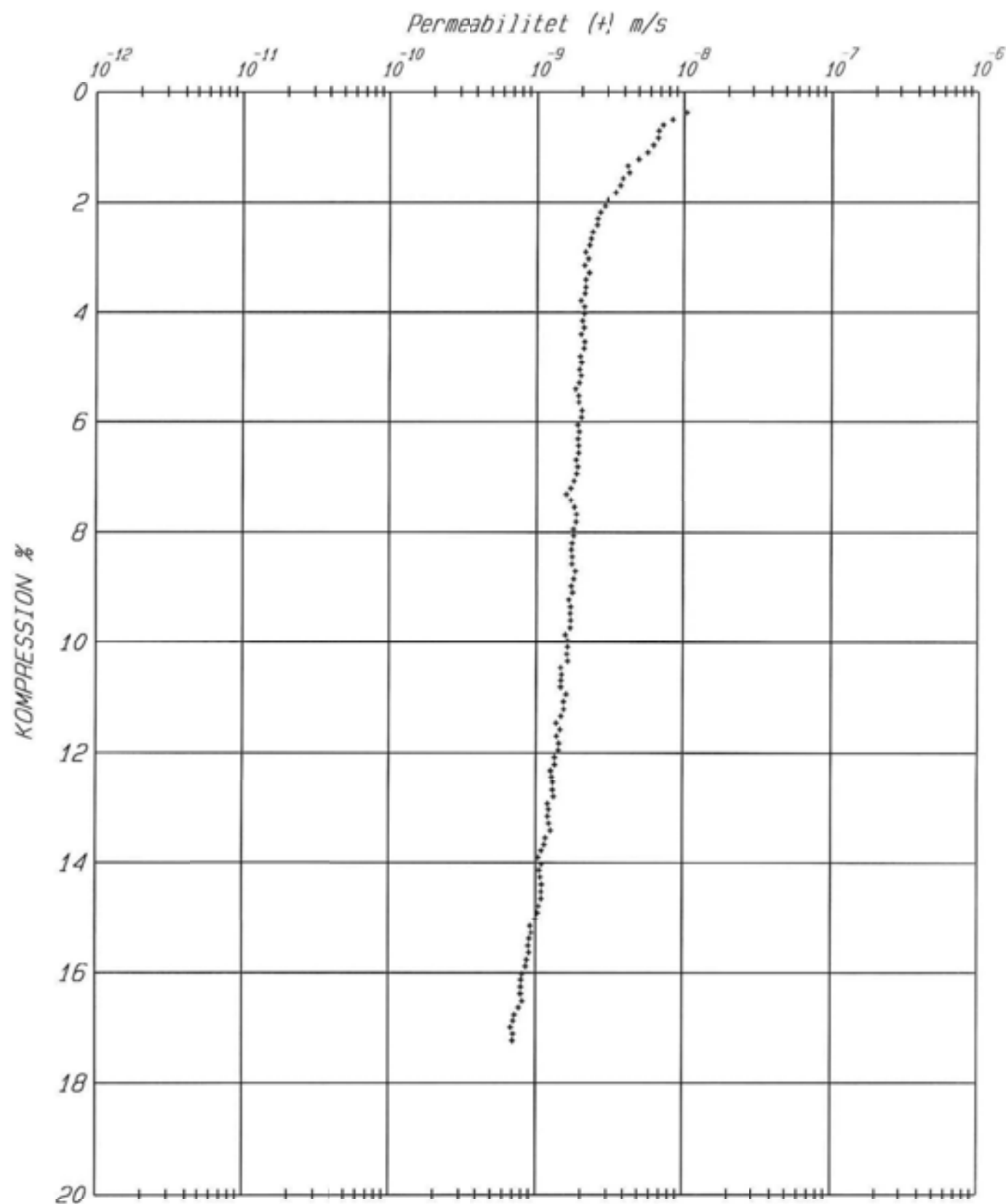
1.5

Borrhål

0801

Djup

5 m



Uppdragsnr: 16049

2018-12-15

**WSP**Struktur  
101598  
2015-11-27WSP Samhällsbyggnad  
Tel lab 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS**

0.7%/h

Uppdrag 16049

~~5001-1313~~

Bilaga 5:121

Datum  
2014-05-06 KS

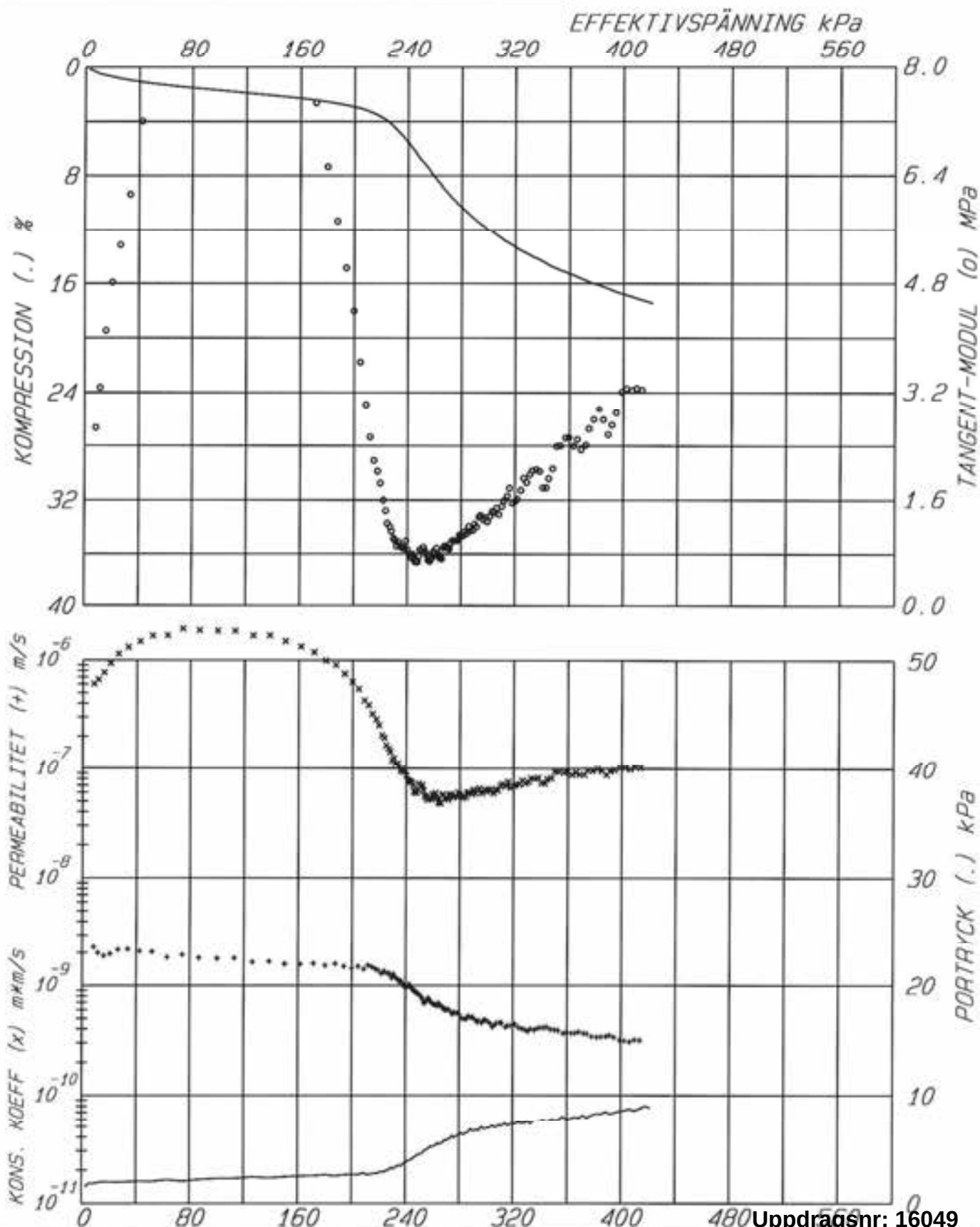
Projekt Kartåsen

Testkod: v4408017.crs

~~Väg 44 Källby Lidköping~~

|                |                 |                               |                  |                  |                    |                |                 |             |
|----------------|-----------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|-------------|
| Jordparametrar | Jordart<br>sile | Dens t/m <sup>3</sup><br>1.68 | w <sub>p</sub> % | w <sub>L</sub> % | c <sub>u</sub> kPa | S <sub>t</sub> | Borrhål<br>0801 | Djup<br>7 m |
|----------------|-----------------|-------------------------------|------------------|------------------|--------------------|----------------|-----------------|-------------|

|                              |                        |                        |                  |              |                     |                          |
|------------------------------|------------------------|------------------------|------------------|--------------|---------------------|--------------------------|
| Utvärdering enl.<br>SS027126 | $\sigma'_c$ kPa<br>203 | $\sigma'_L$ kPa<br>253 | $H_L$ kPa<br>790 | $H'$<br>15.7 | $k_1$ m/s<br>1.4E-9 | beta <sub>k</sub><br>3.7 |
|------------------------------|------------------------|------------------------|------------------|--------------|---------------------|--------------------------|



Uppdragsnr: 16049

2018-12-15

**WSP**Struktur  
101598  
2015-11-27WSP Samhällsbyggnad  
Tel lab 010-7227 236/ 275/ 321  
Tel kontor 010-7225 900**ÖDOMETERFÖRSÖK****CRS** 0.7%/h

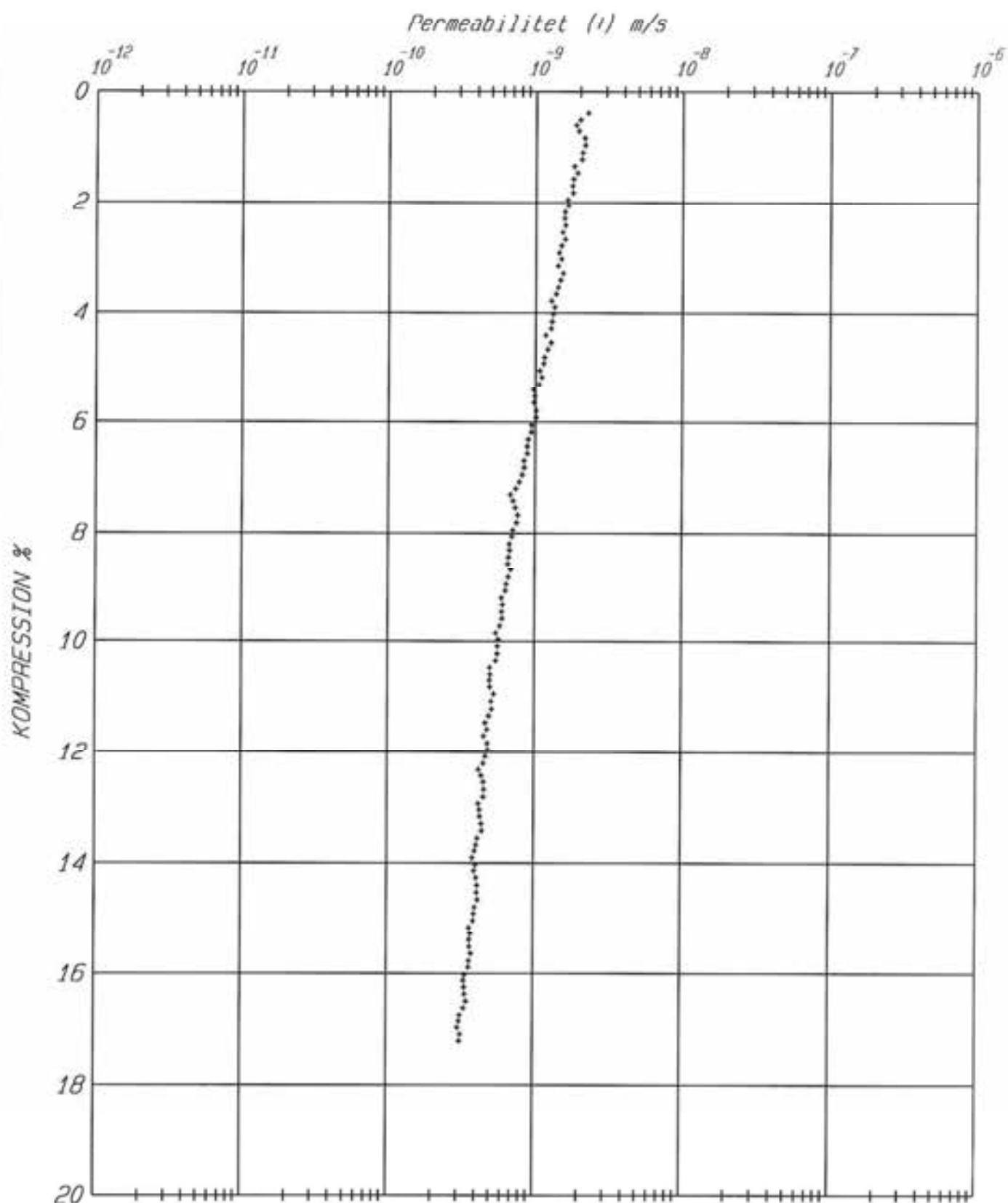
Uppdrag 16049

~~5001-1313~~

Bilaga 5:122

Datum  
2014-05-06 KSProjekt Kartåsen Testkod: v4408017.crs  
~~Väg 44 Källby-Lidköping~~

Jordparametrar

 $k_s$  m/s  
1.4E-9 $\alpha_{\beta k}$   
3.7Borrhål  
0801Djup  
7 m

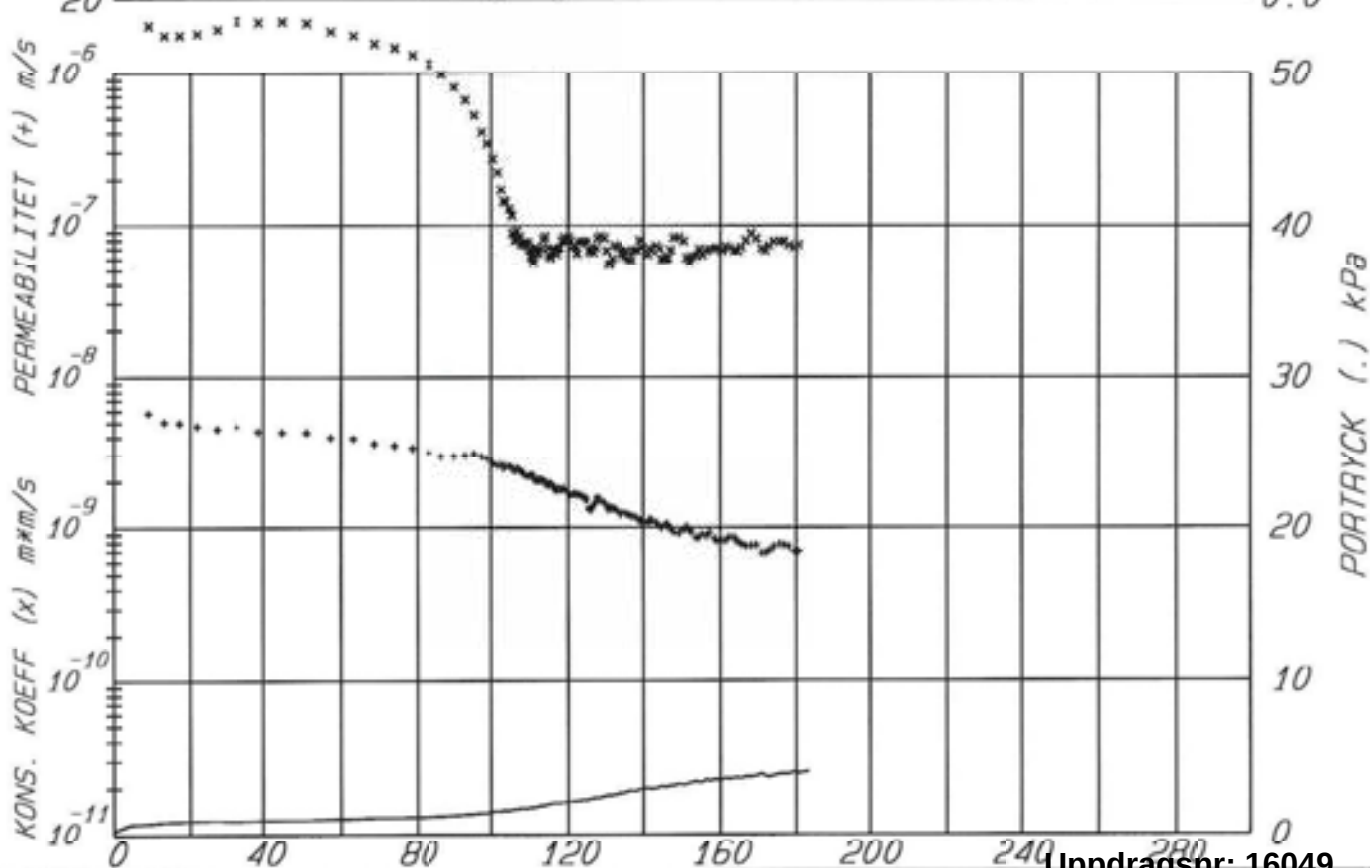
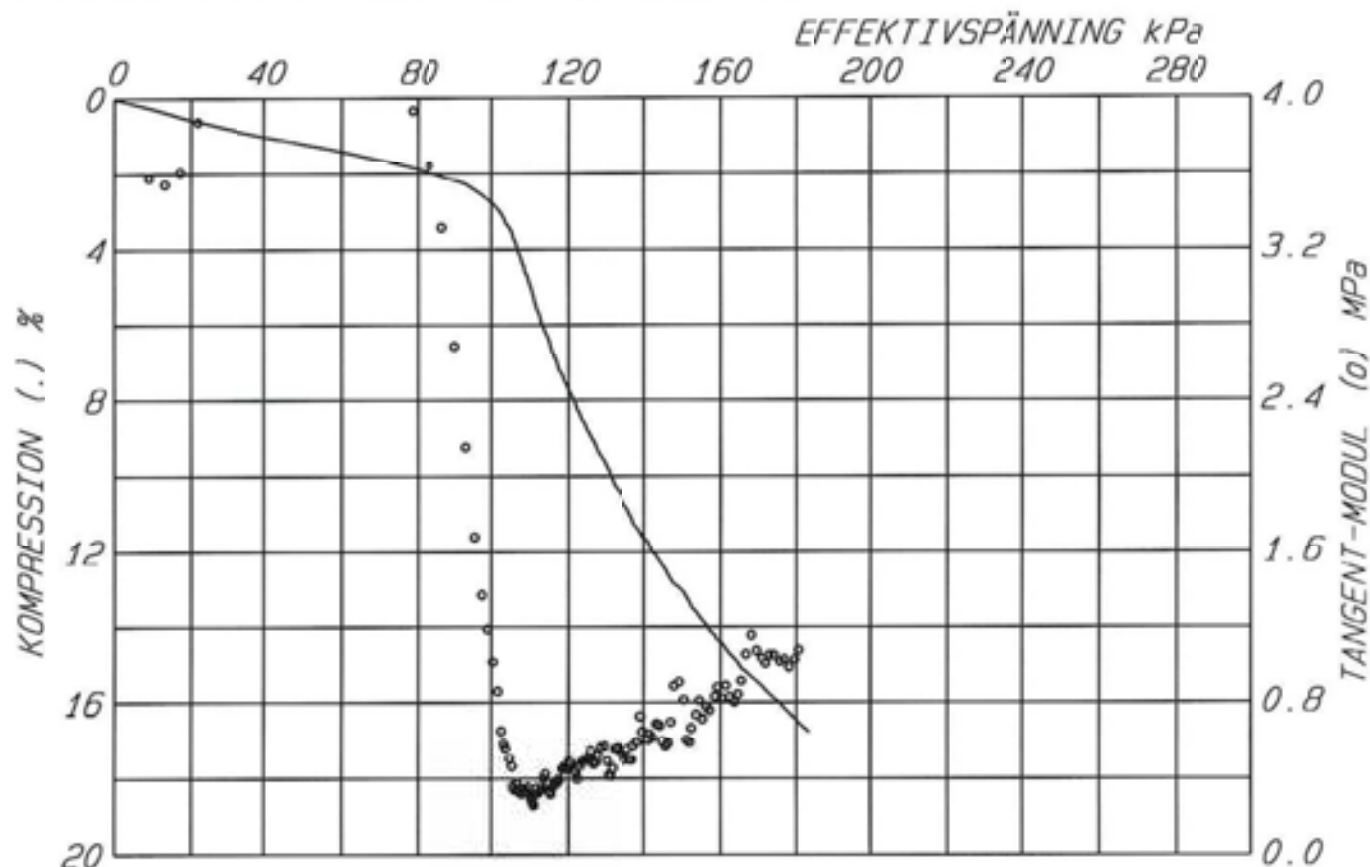
Uppdragsnr: 16049

2018-12-15



| Jordparametrar | Jordart | Dens t/m <sup>3</sup> | w <sub>n</sub> % | w <sub>L</sub> % | c <sub>e</sub> kPa | S <sub>t</sub> | Borrhål | Djup |
|----------------|---------|-----------------------|------------------|------------------|--------------------|----------------|---------|------|
|                | si le   | 1.57                  |                  |                  |                    |                | 1841101 | 4 m  |

| Utvärdering enl. | $\nabla_c$ kPa | $\nabla_L$ kPa | $M_L$ kPa | $M'$ | $k_f$ m/s | beta <sub>k</sub> |
|------------------|----------------|----------------|-----------|------|-----------|-------------------|
| SS027126         | 93             | 106            | 310       | 11.1 | 3.6E-9    | 4.3               |



**WSP**Struktur  
101598  
2015-11-27WSP Samhällsbyggnad  
Tel fab 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS**

0.7%/h

Uppdrag 16049

~~5001-1313~~

Bilaga 5:124

2014-06-03 A2

Projekt Kartåsen

Testkod: 18411014.crs

~~Väg 44 Kallby-Lidköping~~

Jordparametrar

 $k_1$  m/s

3.6E-9

beta\_k

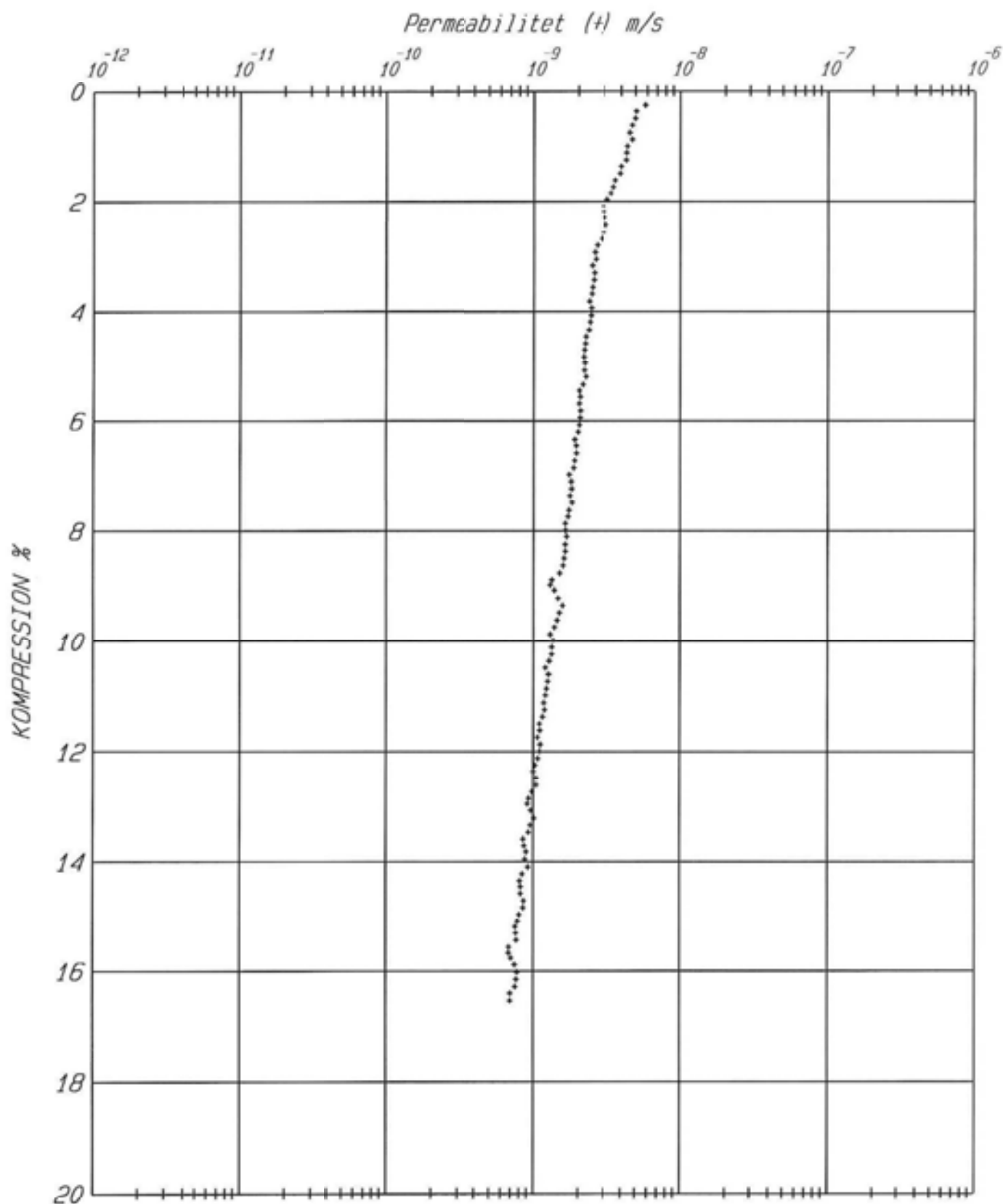
4.3

Borrhål

1841101

Djup

4 m

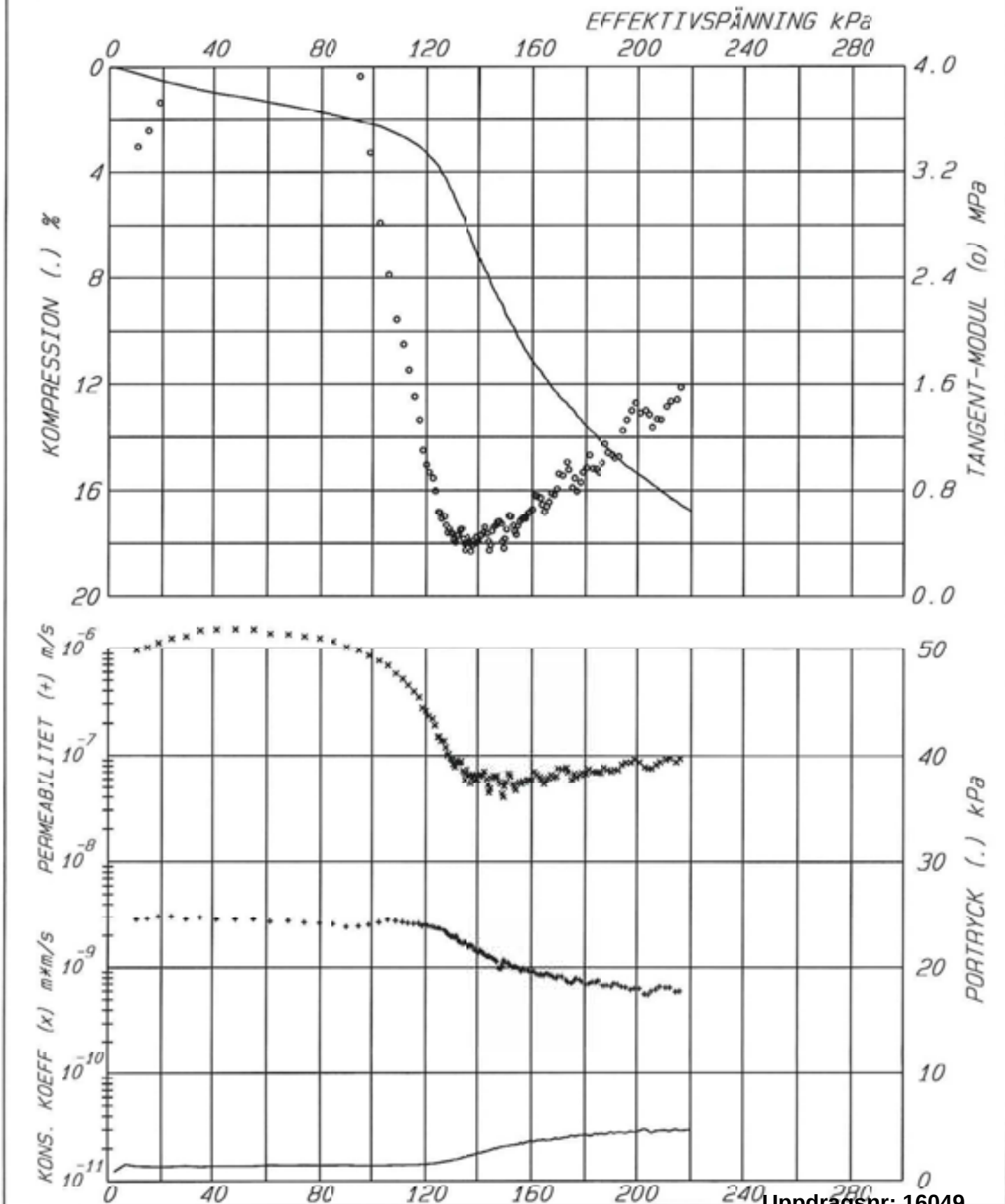


Uppdragsnr: 16049

2018-12-15



|                                                                                                                    |                                                   |                                                                                   |                           |                        |                              |                                       |                               |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|------------------------|------------------------------|---------------------------------------|-------------------------------|
| <b>WSP</b><br><small>WSP Samhallisbyggnad<br/> Tel lab 010-7227 236/ 275/ 321<br/> Tel kontor 010-7225 000</small> | <small>Struktur<br/>101198<br/>2015-11-27</small> | <b>ÖDOMETERFÖRSÖK</b><br><b>CRS</b> 0.7%/h                                        |                           |                        |                              | Uppdrag 16049<br><del>5001-1313</del> | Bilaga 5:125<br>2014-06-03 AZ |
|                                                                                                                    |                                                   | Projekt Kartåsen      Testkod. 10411016.crs<br><del>Väg 44 Kallby-Lidköping</del> |                           |                        |                              | Borrhål<br>1841101                    | Djup<br>6 m                   |
| Jordparametrar                                                                                                     | Jordart<br>si Le                                  | Dens t/m <sup>3</sup><br>1.62                                                     | w <sub>n</sub> %          | w <sub>L</sub> %       | c <sub>u</sub> kPa           | S <sub>t</sub>                        |                               |
| Utvärdering enl.<br>SS027126                                                                                       | $\sigma'_c$ kPa<br>100                            | $\sigma'_L$ kPa<br>131                                                            | M <sub>L</sub> kPa<br>430 | M <sub>v</sub><br>14.0 | K <sub>v</sub> m/s<br>3.3E-9 | beta <sub>k</sub>                     | 4.9                           |



**WSP**Struktur  
101598  
2015-11-27WSP Samhällsbyggnad  
Tel 1ub 010-7227 236/ 275/ 321  
Tel kontor 010-7225 000**ÖDOMETERFÖRSÖK****CRS**

0.7%/h

Uppdrag 16049

~~5001-1313~~**Bilaga 5:126**

2014-06-03 A2

Projekt Kartåsen

Testkod. 18411016.crs

~~Väg 44 Kallby-Lidköping~~

Jordparametrar

 $k_1$  m/s

3.3E-9

beta\_k

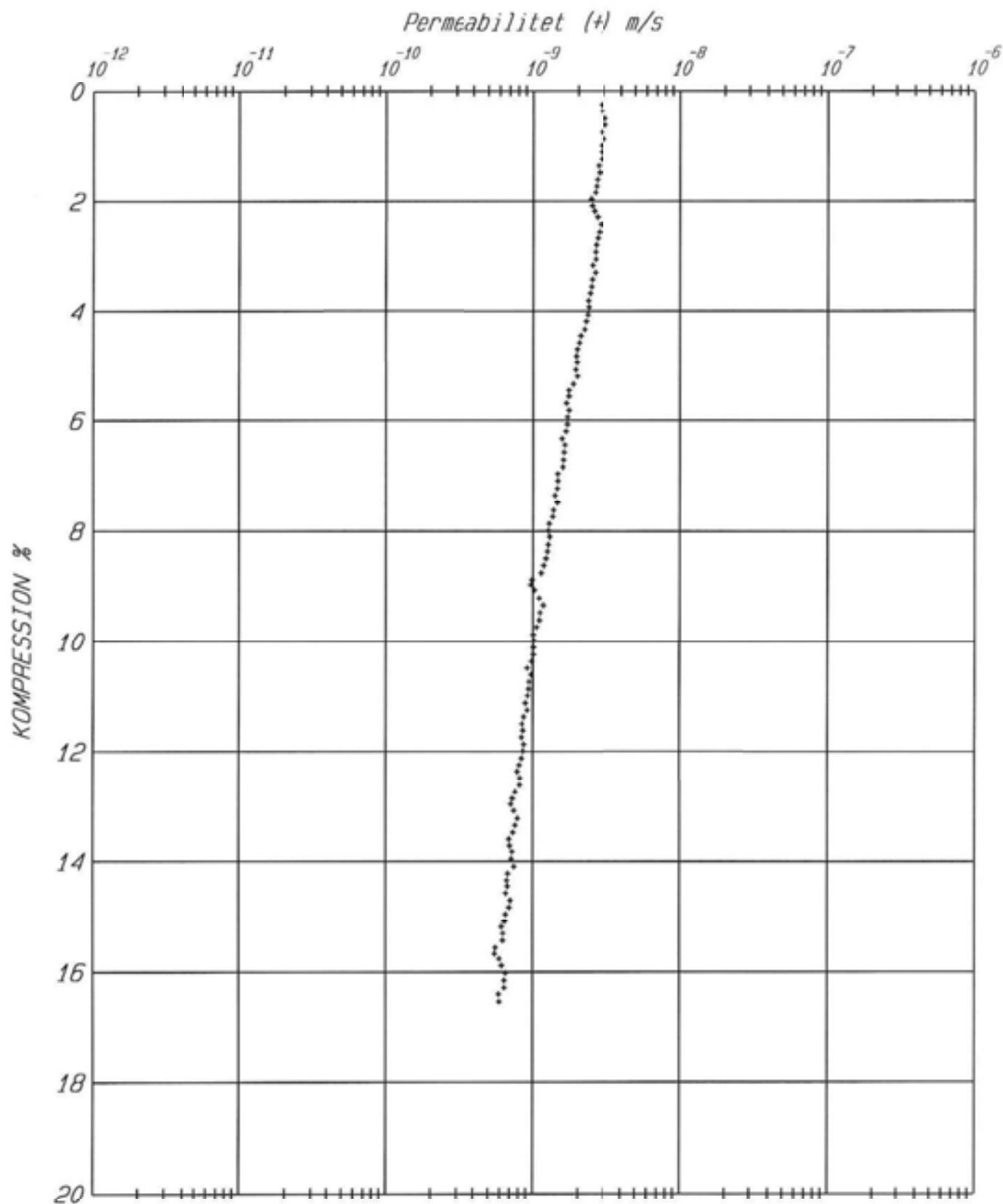
4.9

Borrhål

1841101

Djup

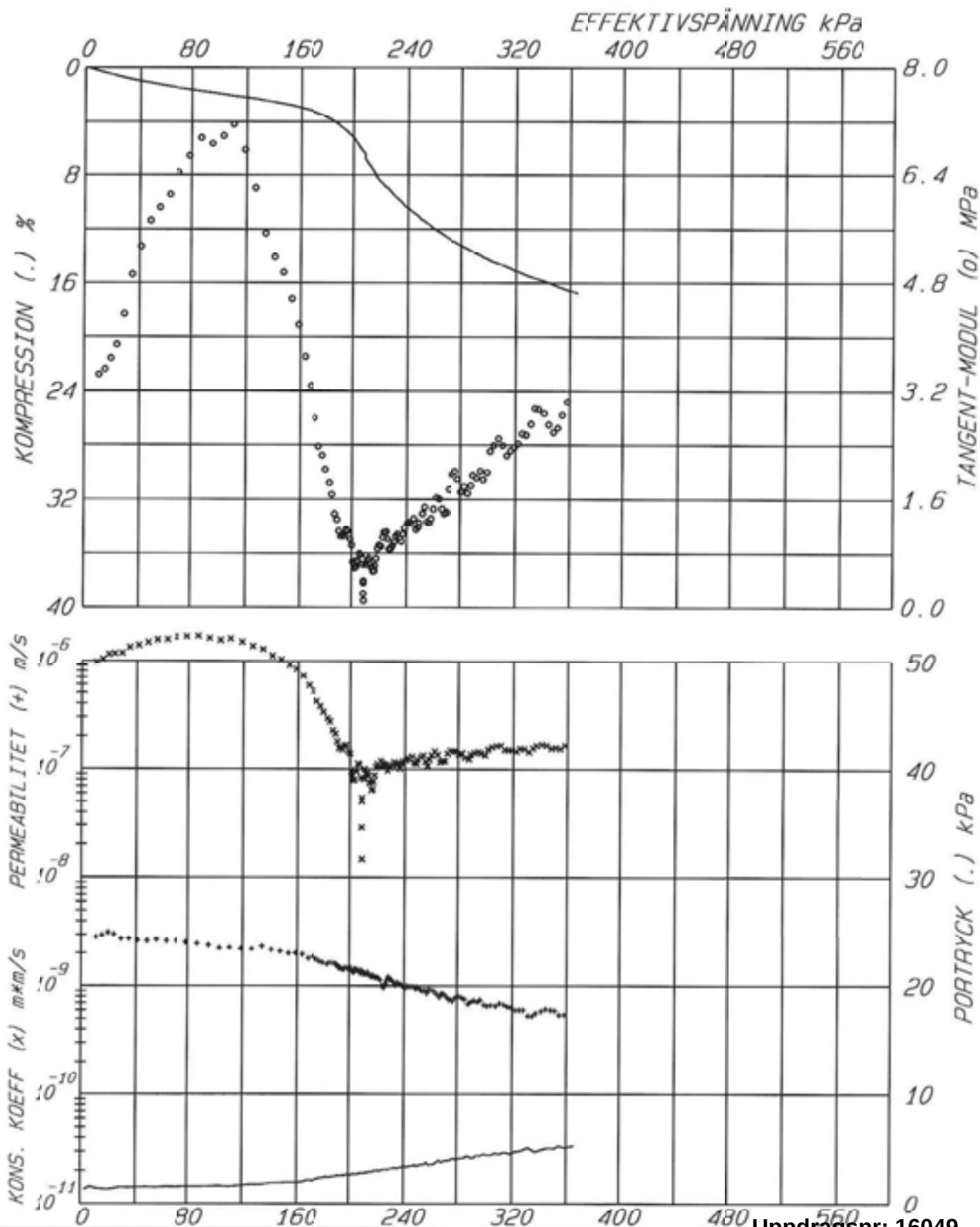
6 m



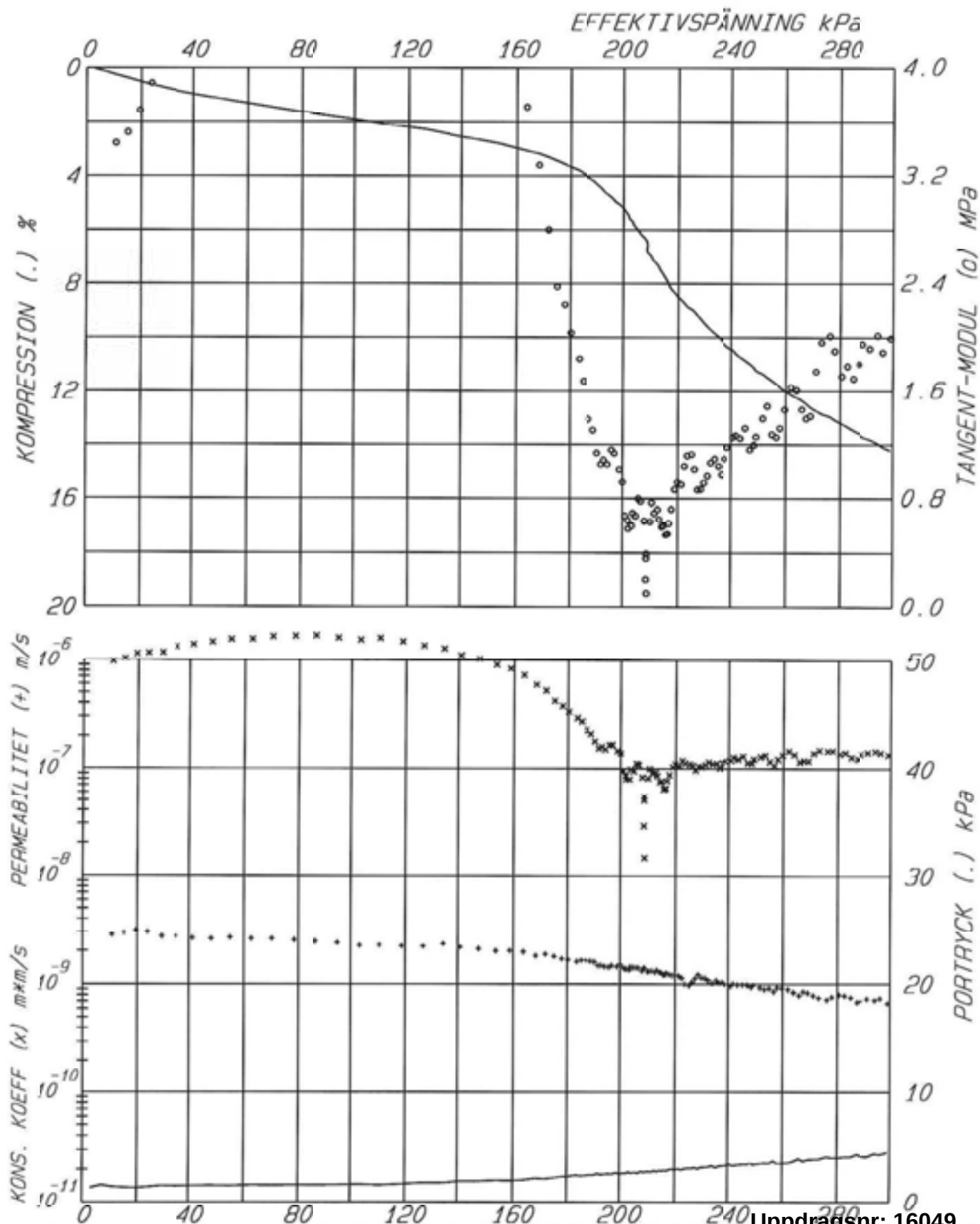
Uppdragsnr: 16049

2018-12-15

|                              |                        |                               |                  |               |                     |               |                    |              |
|------------------------------|------------------------|-------------------------------|------------------|---------------|---------------------|---------------|--------------------|--------------|
| Jordparametrar               | Jordart<br>si Le       | Dens t/m <sup>3</sup><br>1.68 | $w_p$ %          | $w_L$ %       | $c_u$ kPa           | $S_t$         | Borrhål<br>1841101 | Djup<br>10 m |
| Utvärdering enl.<br>SS027126 | $\sigma'_c$ kPa<br>170 | $\sigma'_L$ kPa<br>199        | $H_L$ kPa<br>610 | $H^*$<br>16.8 | $k_f$ m/s<br>2.4E-9 | beta_k<br>3.7 |                    |              |



|                              |                        |                               |                           |                        |                              |                          |                    |              |
|------------------------------|------------------------|-------------------------------|---------------------------|------------------------|------------------------------|--------------------------|--------------------|--------------|
| Jordparametrar               | Jordart<br>si Le       | Dens t/m <sup>3</sup><br>1.68 | w <sub>n</sub> %          | w <sub>L</sub> %       | c <sub>u</sub> kPa           | S <sub>t</sub>           | Borrhål<br>1841101 | Djup<br>10 m |
| Utvärdering enl.<br>SS027126 | $\sigma'_c$ kPa<br>170 | $\sigma'_L$ kPa<br>199        | M <sub>L</sub> kPa<br>610 | M <sub>v</sub><br>16.0 | k <sub>v</sub> m/s<br>2.4E-9 | beta <sub>k</sub><br>3.7 |                    |              |



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0.7%/h

Uppdrag 16049

~~5001-1313~~

Bilaga 5:129

2014-06-03 A2

Projekt Kartåsen

Testkod. 18411010.crs

~~Väg 44 Kallby-Lidköping~~

Jordparametrar

 $k_f$  m/s

2.4E-9

beta\_k

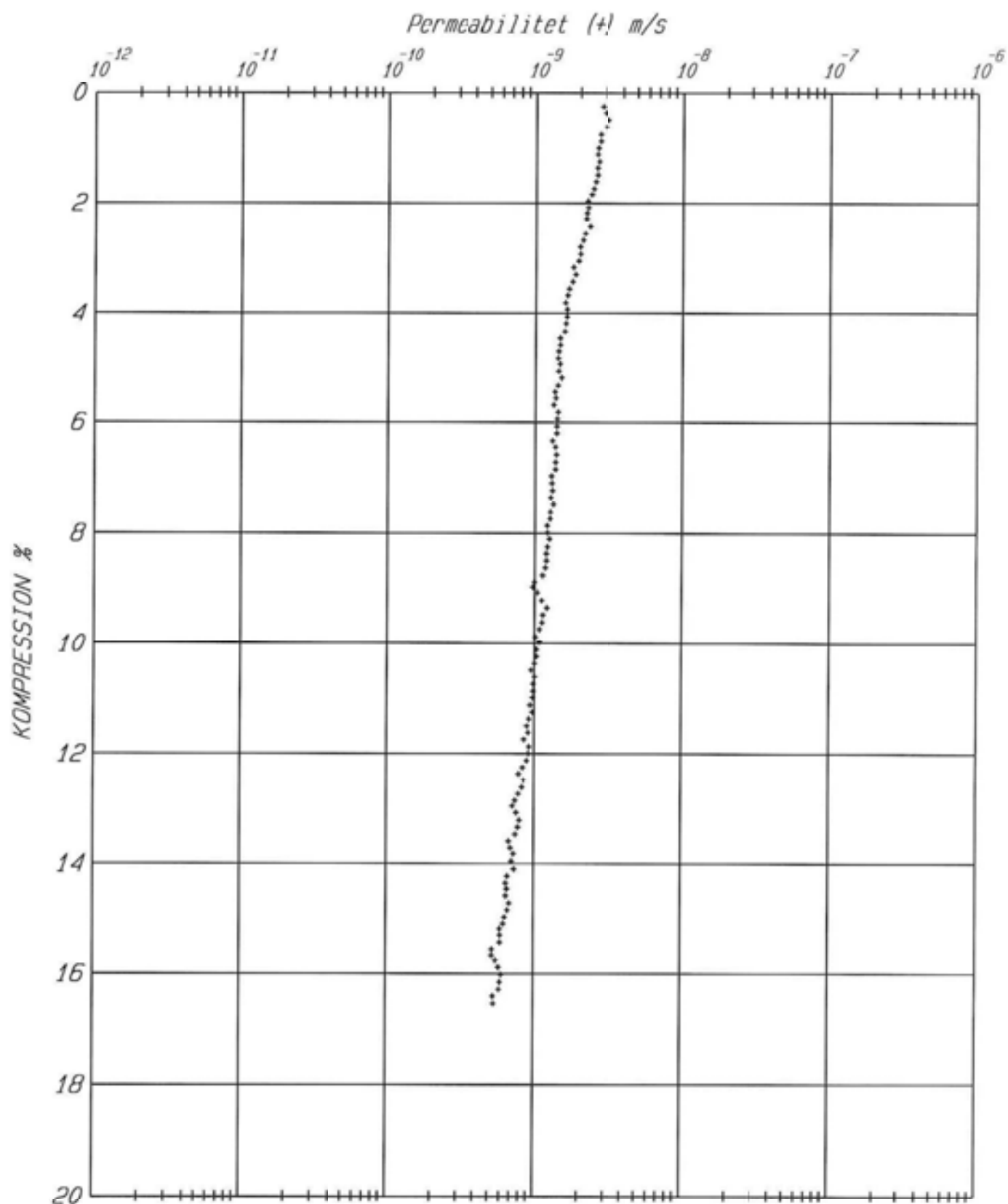
3.7

Borrhål

1841101

Djup

10 m



Uppdragsnr: 16049

2018-12-15