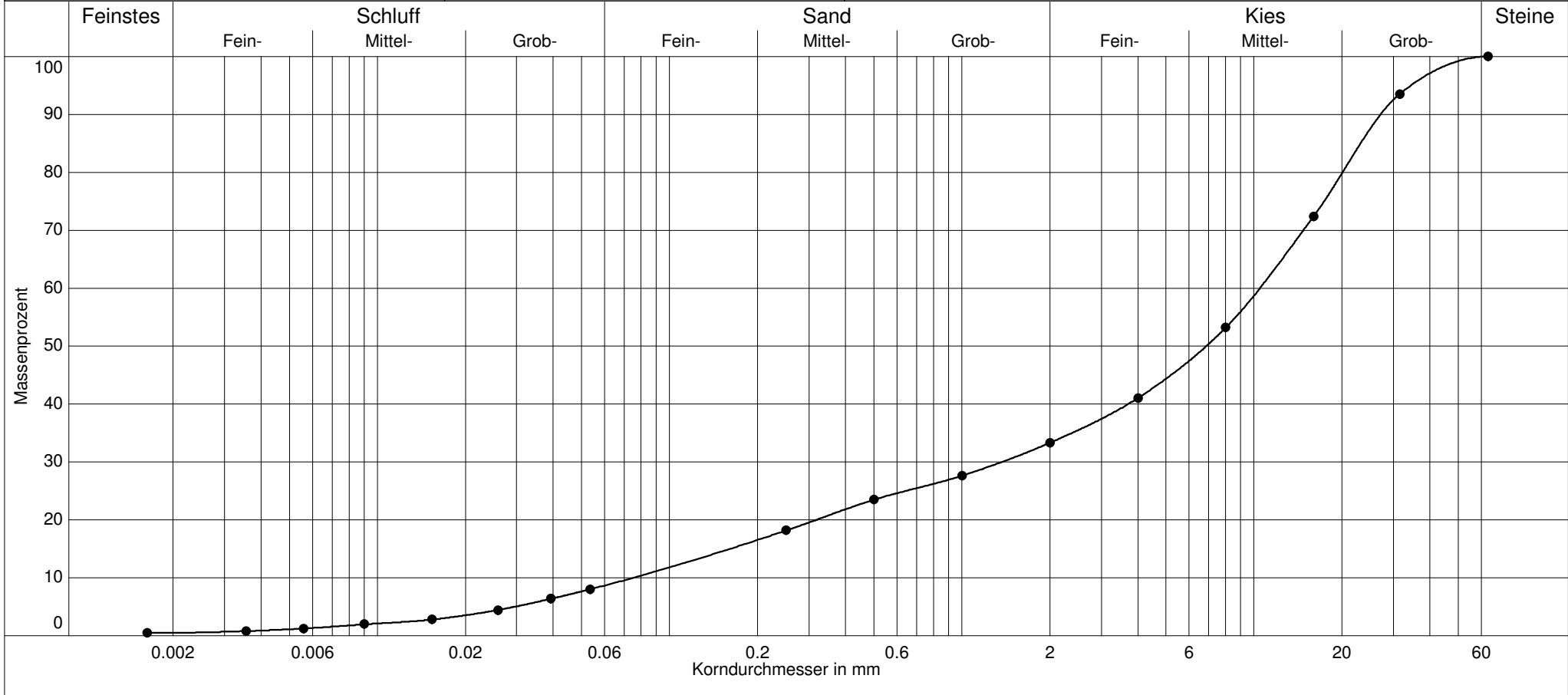
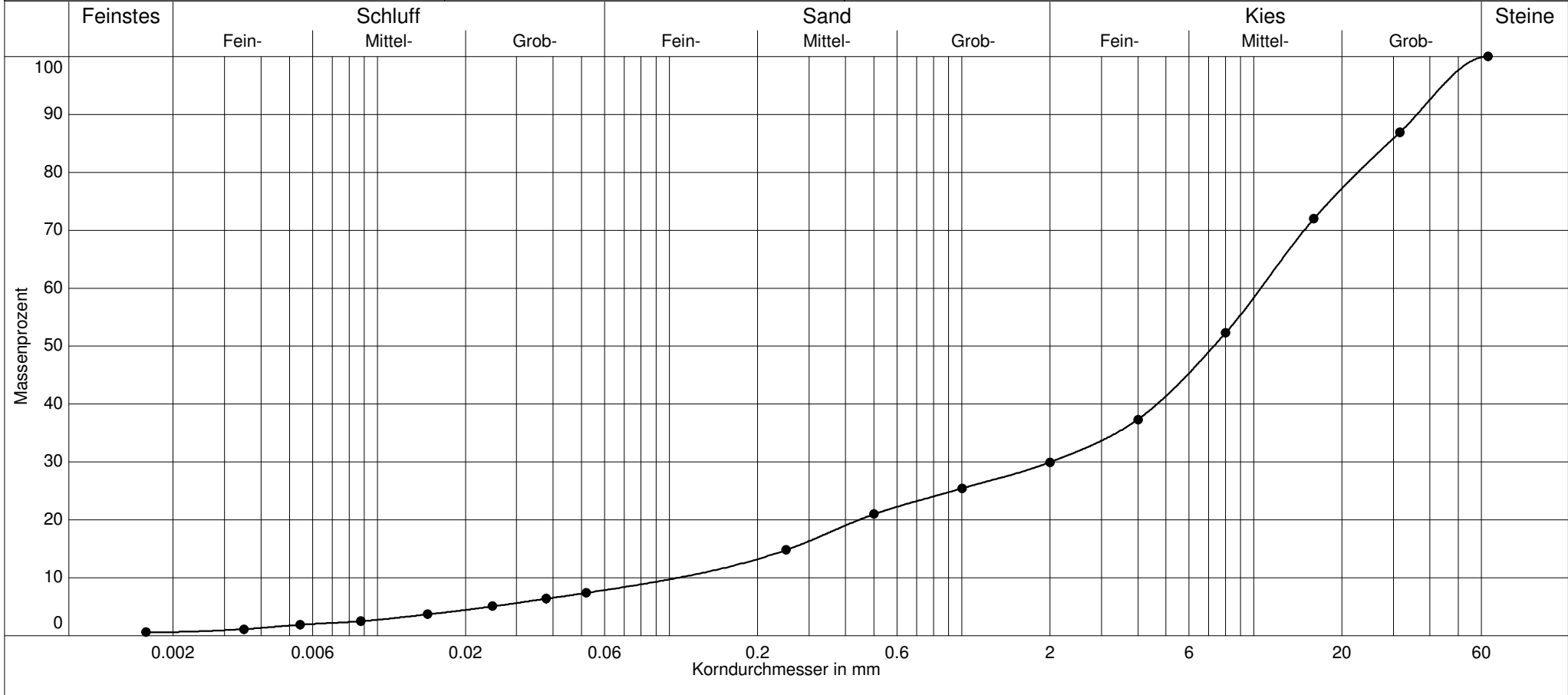


# Beilage D

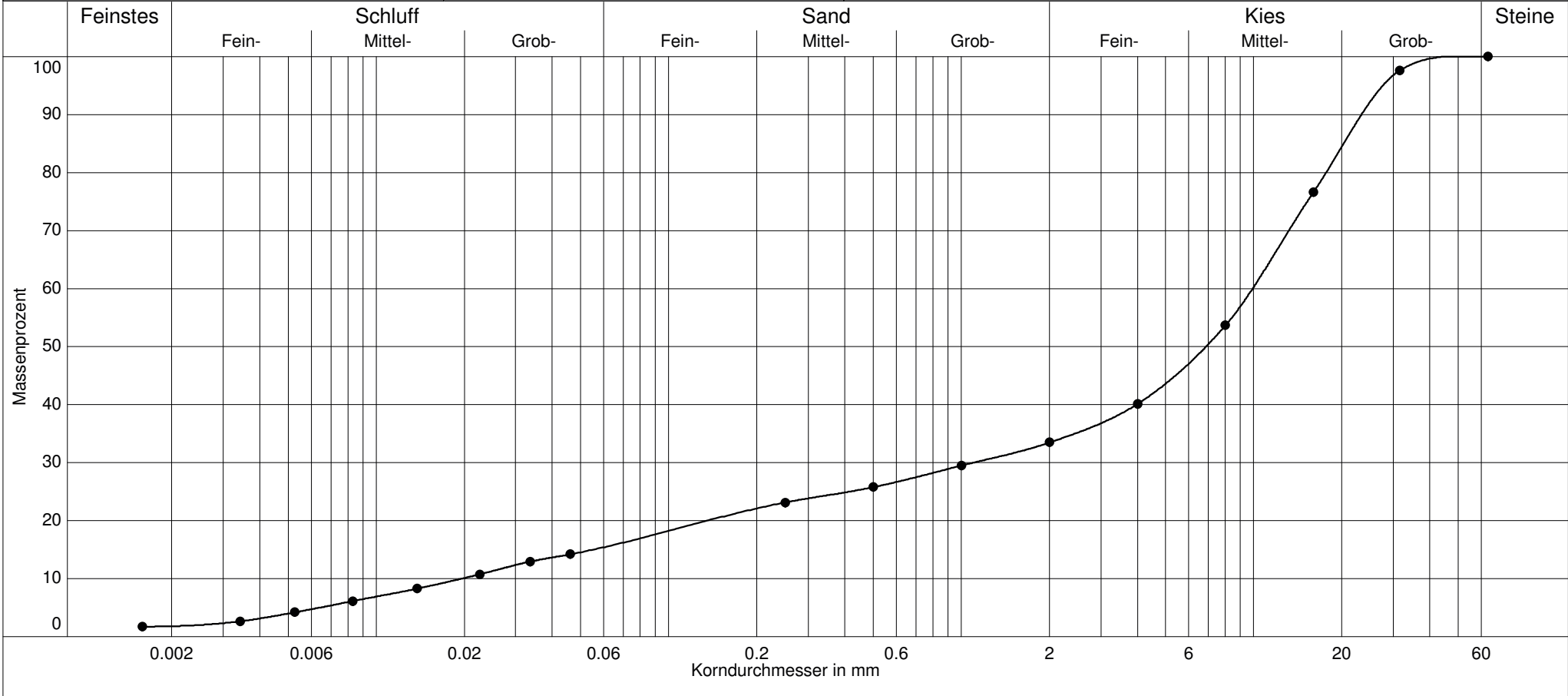
INGENIEURGESELLSCHAFT AUGSBURG GMBH, Augsburg [U15b]:  
Körnungslinien aus Gutachten Projekt Nr. 4837:  
Hochwasserschutz Günztal, Hochwasserrückhaltebecken  
Westerheim; 21.08.2024



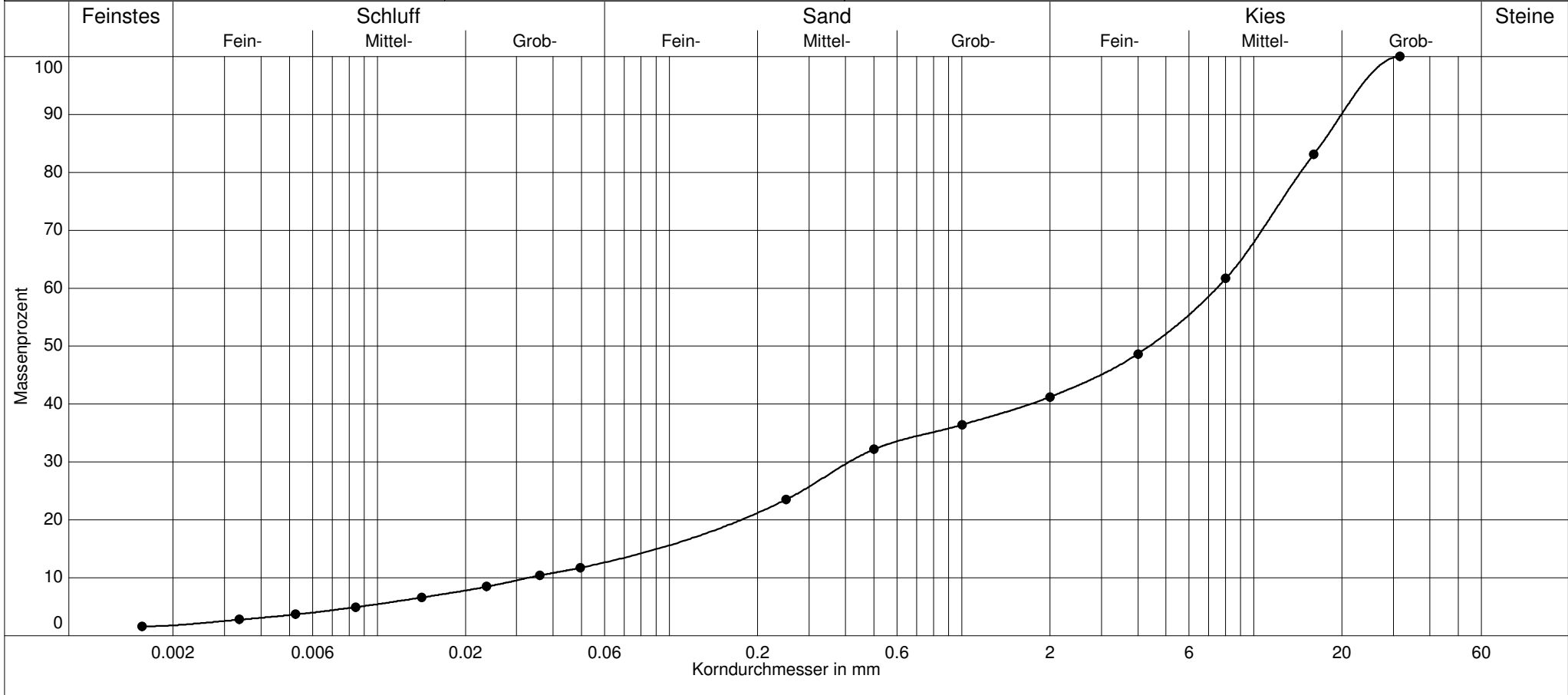
|                    |                        |
|--------------------|------------------------|
| Labornummer        | —●— BS 3/3 / 1,3 - 2,3 |
| Ungleichförm. Cu   | 139.3                  |
| Krümmungszahl Cc   | 2.4                    |
| Bodenart           | mG,s,gg,fg,u'          |
| Bodengruppe        | GU                     |
| d10 / d60          | 0.075/10.474 mm        |
| Anteil < 0.063 mm  | 9.0 %                  |
| Kornfrakt. T/U/S/G | 0.5/8.5/24.4/66.7 %    |
| Bodenklasse        | 3                      |



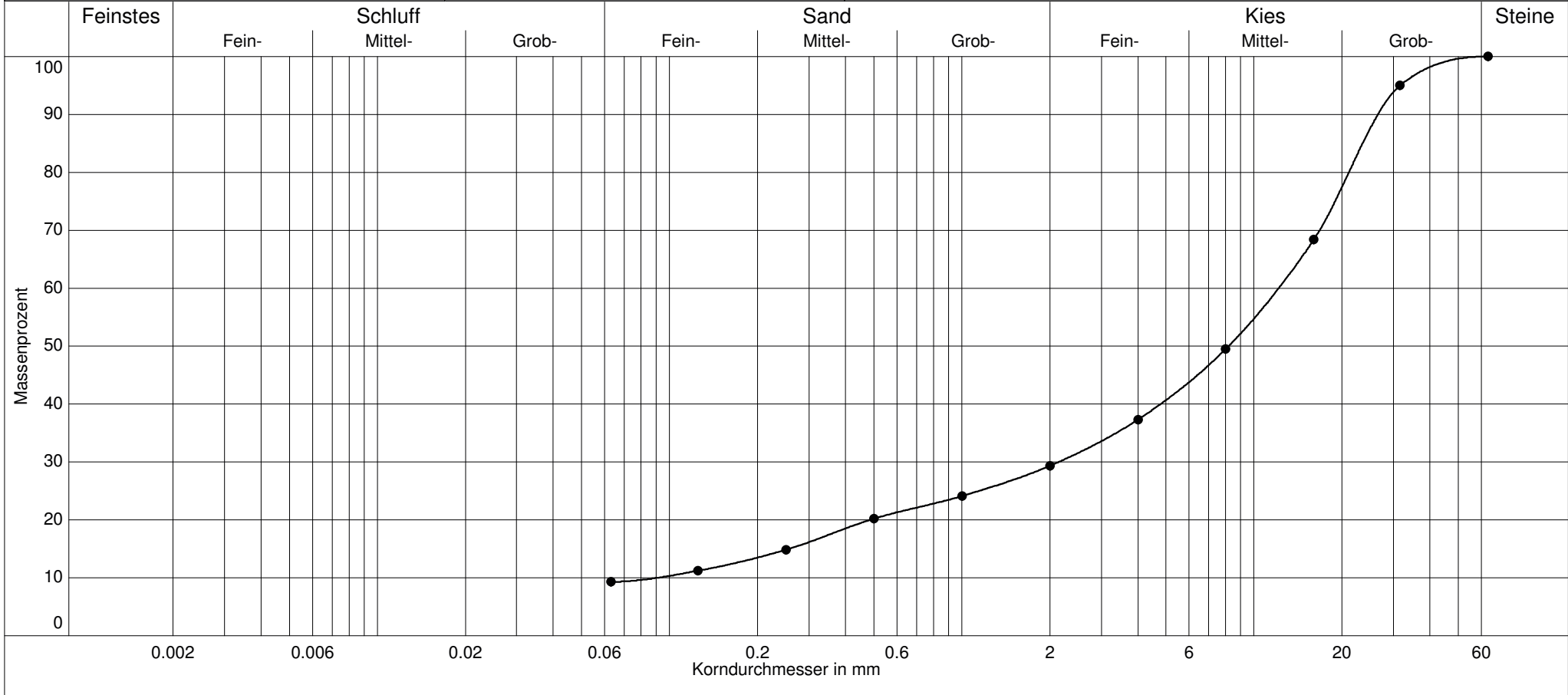
|                    |                        |
|--------------------|------------------------|
| Labornummer        | —●— BS 5/4 / 0,7 - 1,4 |
| Ungleichförm. Cu   | 98.5                   |
| Krümmungszahl Cc   | 3.6                    |
| Bodenart           | mG,gg,s,fg,u'          |
| Bodengruppe        | GU                     |
| d10 / d60          | 0.107/10.543 mm        |
| Anteil < 0.063 mm  | 8.0 %                  |
| Kornfrakt. T/U/S/G | 0.6/7.4/21.9/70.1 %    |
| Bodenklasse        | 3                      |



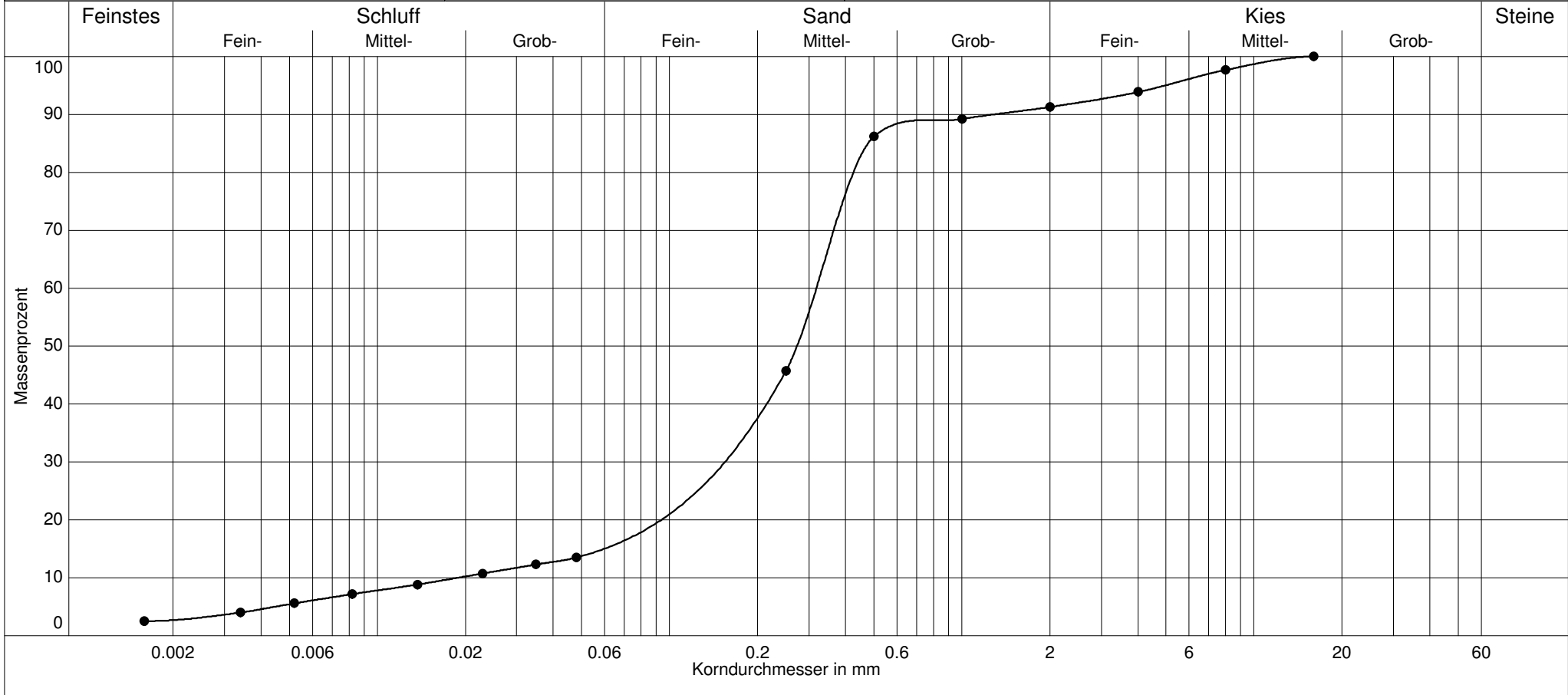
|                    |                         |
|--------------------|-------------------------|
| Labornummer        | —●— BS 6/4 / 0,75 - 1,4 |
| Ungleichförm. Cu   | 505.2                   |
| Krümmungszahl Cc   | 6.2                     |
| Bodenart           | mG,gg,fg',u,gs',fs'     |
| Bodengruppe        | GÜ                      |
| d10 / d60          | 0.020/9.910 mm          |
| Anteil < 0.063 mm  | 15.7 %                  |
| Kornfrakt. T/U/S/G | 1.8/13.9/17.8/66.5 %    |
| Bodenklasse        | 4                       |



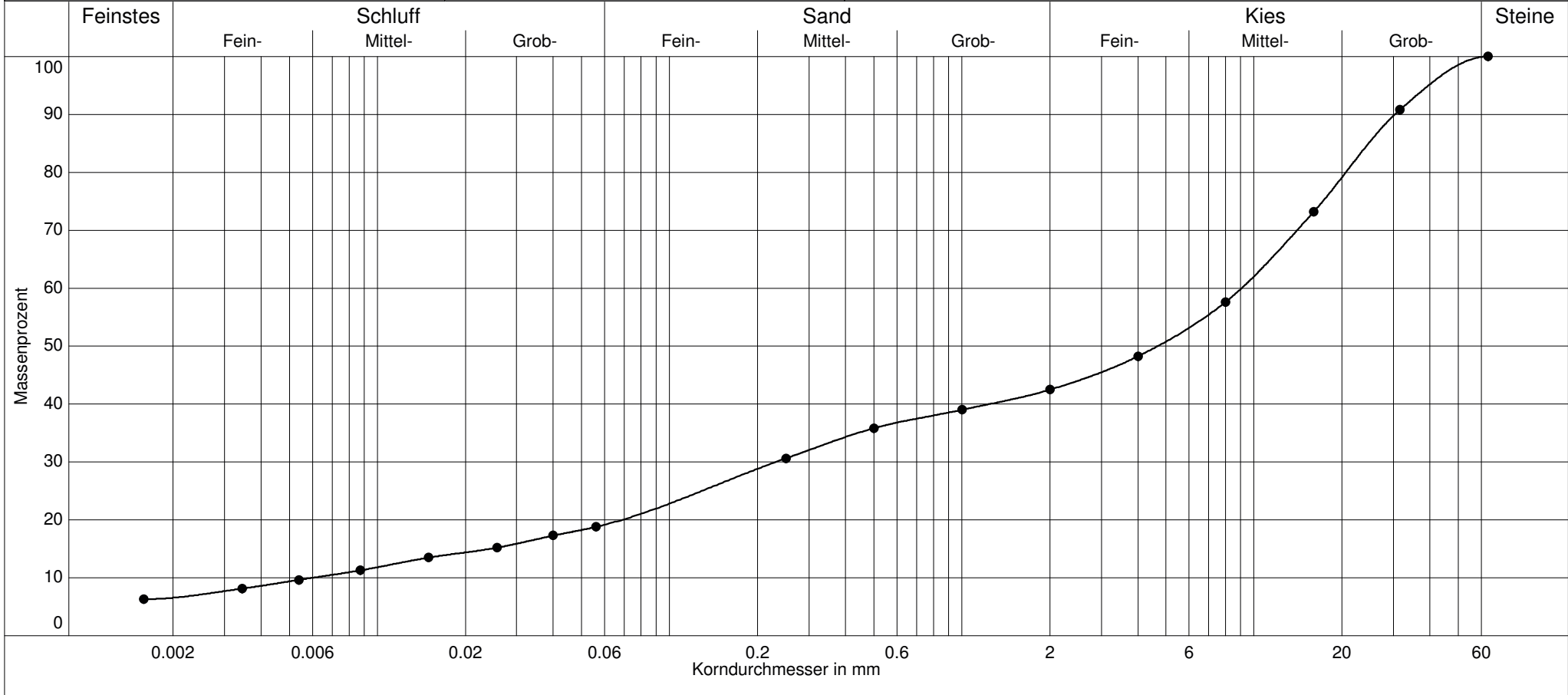
|                    |                            |
|--------------------|----------------------------|
| Labornummer        | —●— BS 7/2+7/3 / 0,3 - 2,0 |
| Ungleichförm. Cu   | 226.6                      |
| Krümmungszahl Cc   | 0.7                        |
| Bodenart           | mG,s,fg,u,gg'              |
| Bodengruppe        | GU                         |
| d10 / d60          | 0.033/7.452 mm             |
| Anteil < 0.063 mm  | 12.9 %                     |
| Kornfrakt. T/U/S/G | 1.8/11.1/28.3/58.8 %       |
| Bodenklasse        | 3                          |



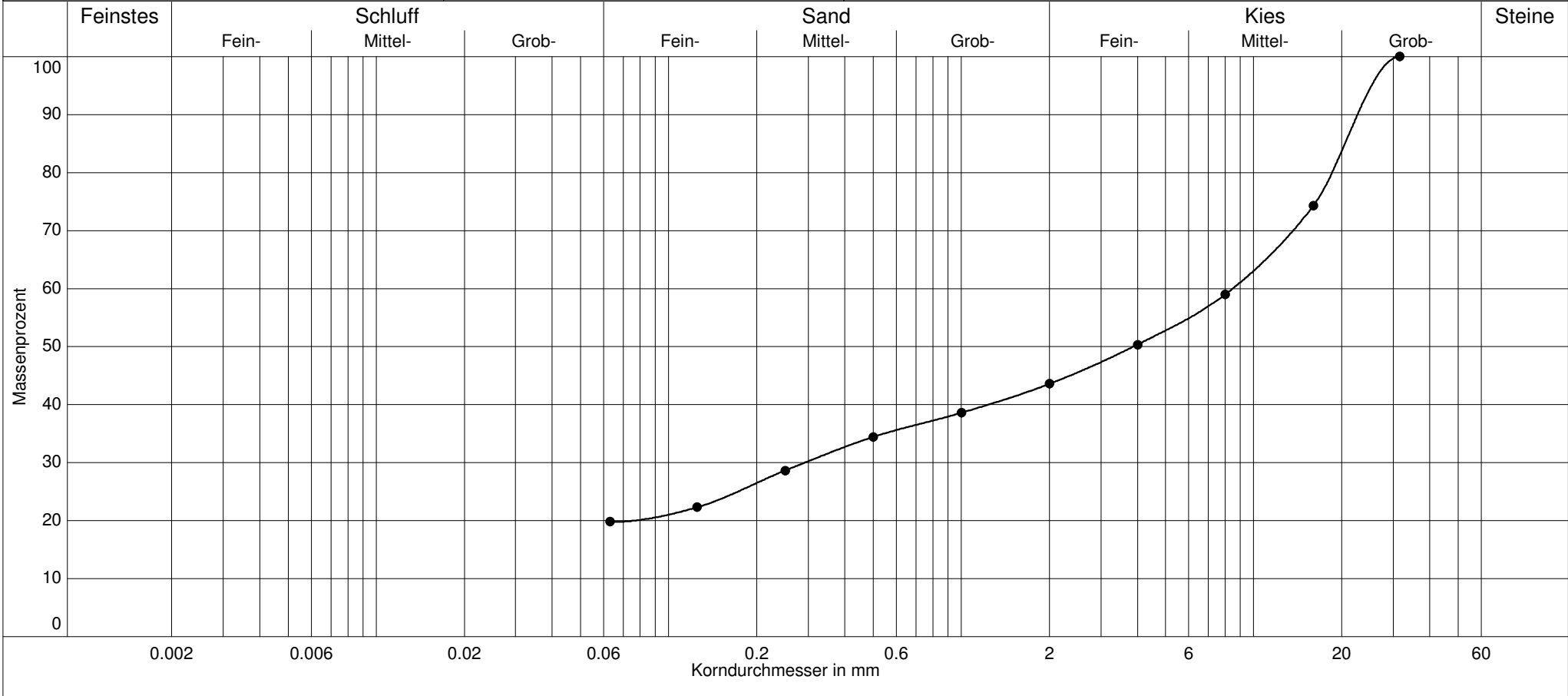
|                    |                         |
|--------------------|-------------------------|
| Labornummer        | —●— BS 15/2 / 0,2 - 1,2 |
| Ungleichförm. Cu   | 133.7                   |
| Krümmungszahl Cc   | 4.2                     |
| Bodenart           | mG,gg,fg,u',ms',gs'     |
| Bodengruppe        | GU                      |
| d10 / d60          | 0.091/12.152 mm         |
| Anteil < 0.063 mm  | 9.3 %                   |
| Kornfrakt. T/U/S/G | 0.0/9.3/20.0/70.7 %     |
| Bodenklasse        | 3                       |



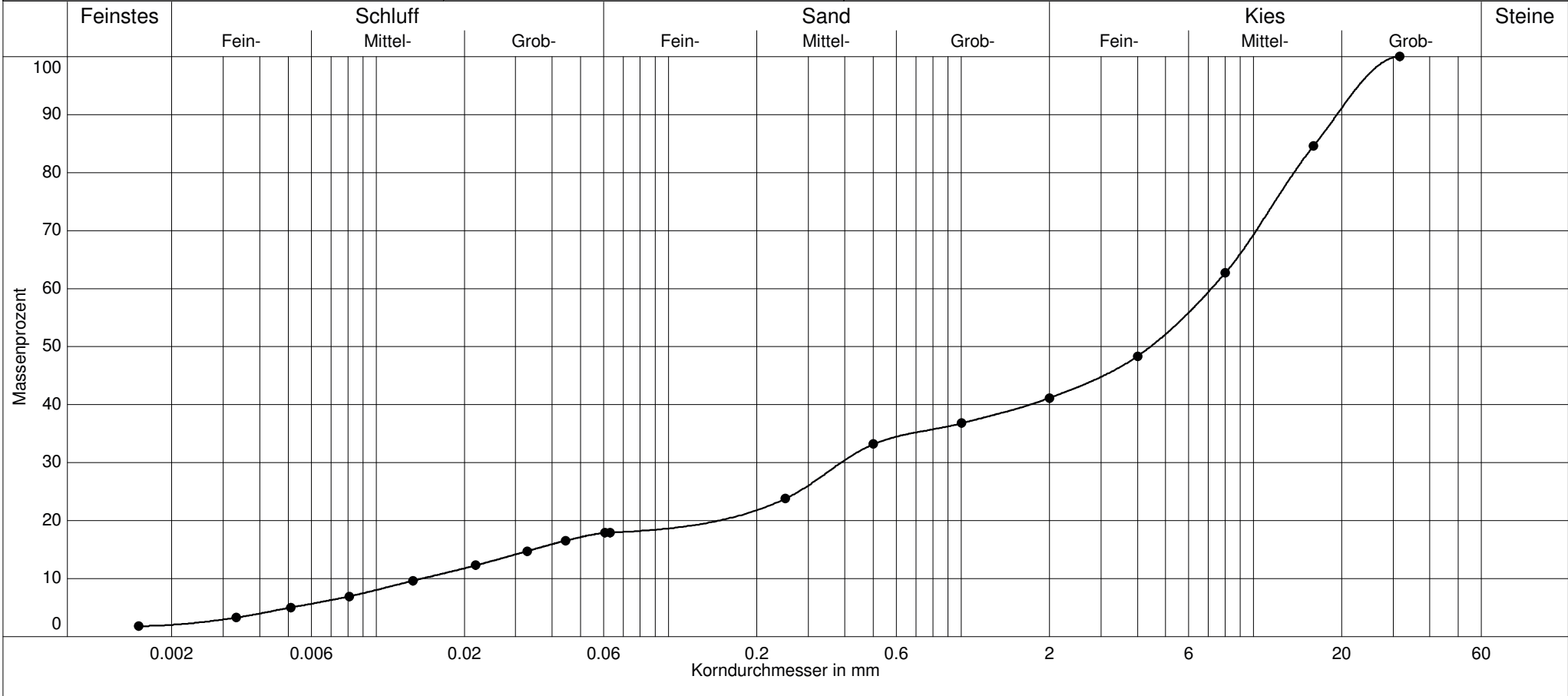
|                    |                         |
|--------------------|-------------------------|
| Labornummer        | —●— BS 16/7 / 3,2 - 3,8 |
| Ungleichförm. Cu   | 16.9                    |
| Krümmungszahl Cc   | 4.0                     |
| Bodenart           | mS,fs,u,fg'             |
| Bodengruppe        | SÜ                      |
| d10 / d60          | 0.019/0.318 mm          |
| Anteil < 0.063 mm  | 15.4 %                  |
| Kornfrakt. T/U/S/G | 2.7/12.7/75.8/8.7 %     |
| Bodenklasse        | 4                       |



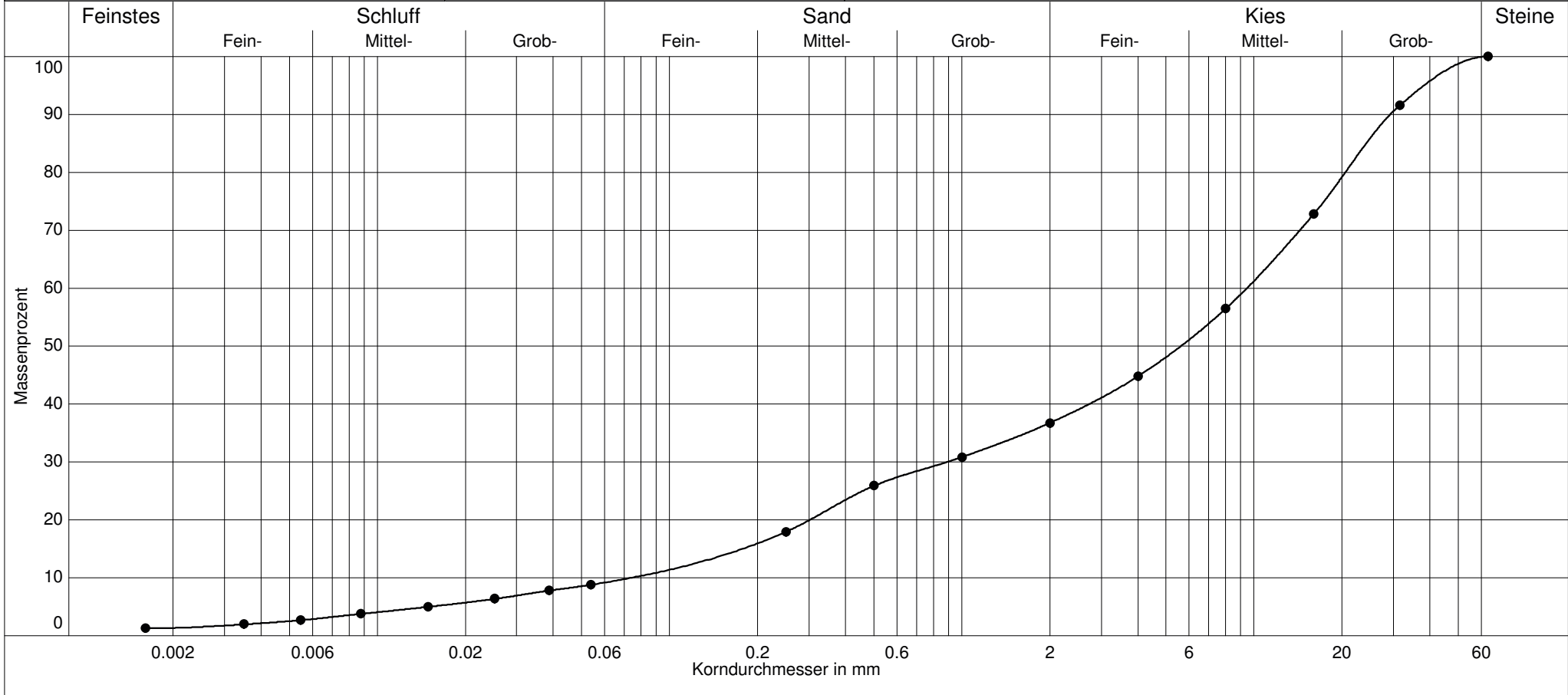
|                    |                              |
|--------------------|------------------------------|
| Labornummer        | —●— BS 17/2+17/3 / 0,6 - 2,1 |
| Ungleichförm. Cu   | 1510.7                       |
| Krümmungszahl Cc   | 1.0                          |
| Bodenart           | mG,s,gg,u,fg',t'             |
| Bodengruppe        | GÜ                           |
| d10 / d60          | 0.006/9.061 mm               |
| Anteil < 0.063 mm  | 19.5 %                       |
| Kornfrakt. T/U/S/G | 6.6/12.9/23.0/57.5 %         |
| Bodenklasse        | 4                            |



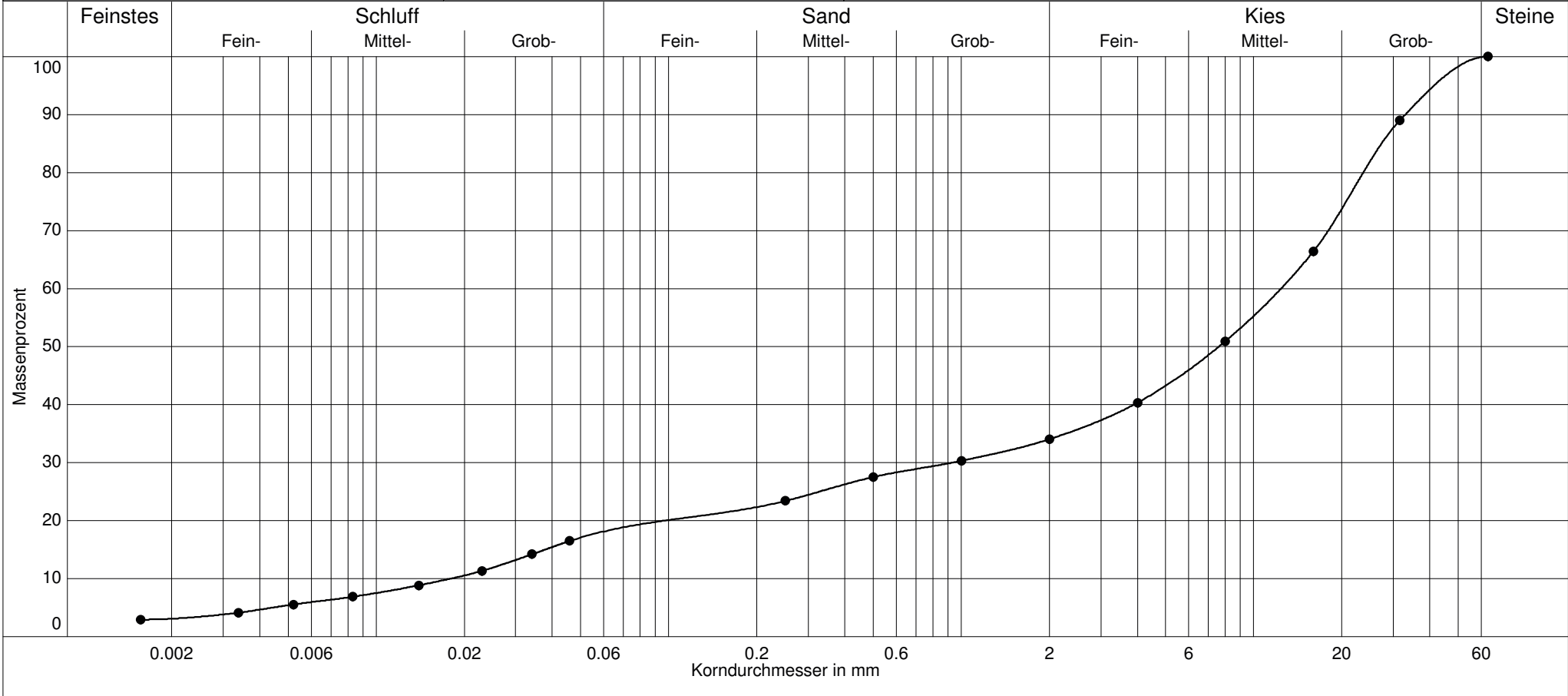
|                    |                         |
|--------------------|-------------------------|
| Labornummer        | —●— BS 19/2 / 0,6 - 1,2 |
| Ungleichförm. Cu   | -                       |
| Krümmungszahl Cc   | -                       |
| Bodenart           | mG,s,ü,gg,fg'           |
| Bodengruppe        | GÜ                      |
| d10 / d60          | - /8.470 mm             |
| Anteil < 0.063 mm  | 19.8 %                  |
| Kornfrakt. T/U/S/G | 0.0/19.8/23.8/56.4 %    |
| Bodenklasse        | 4                       |



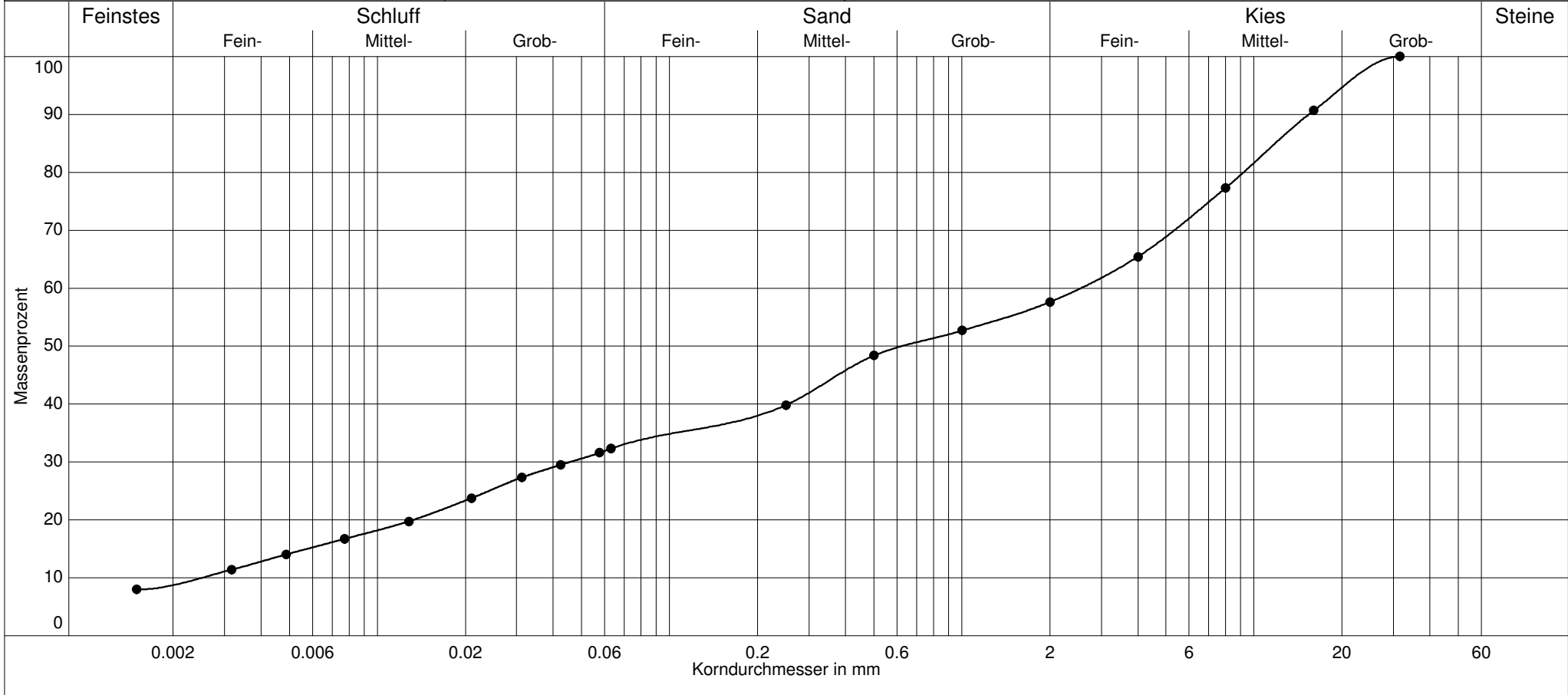
|                    |                              |
|--------------------|------------------------------|
| Labornummer        | —●— BS 22/2+22/3 / 0,3 - 2,0 |
| Ungleichförm. Cu   | 500.7                        |
| Krümmungszahl Cc   | 1.5                          |
| Bodenart           | mG,ū,fg,ms',gg',gs'          |
| Bodengruppe        | GÜ                           |
| d10 / d60          | 0.014/7.166 mm               |
| Anteil < 0.063 mm  | 17.9 %                       |
| Kornfrakt. T/U/S/G | 2.0/15.9/23.2/58.9 %         |
| Bodenklasse        | 4                            |



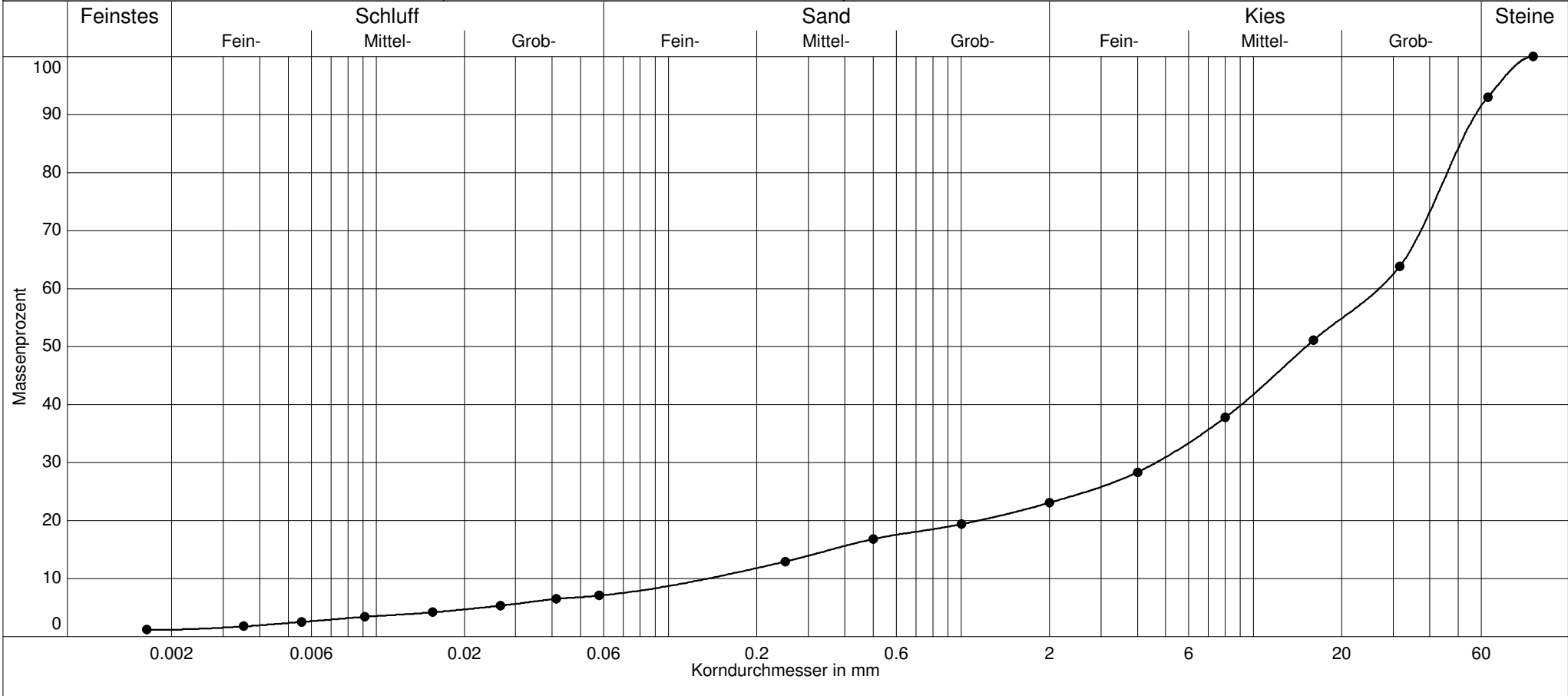
|                    |                                 |
|--------------------|---------------------------------|
| Labornummer        | —●— MP-BS2/2+BS16/2 / 0,3 - 1,2 |
| Ungleichförm. Cu   | 127.7                           |
| Krümmungszahl Cc   | 1.1                             |
| Bodenart           | mG,s,gg,fg,u'                   |
| Bodengruppe        | GU                              |
| d10 / d60          | 0.074/9.452 mm                  |
| Anteil < 0.063 mm  | 9.4 %                           |
| Kornfrakt. T/U/S/G | 1.3/8.0/27.4/63.3 %             |
| Bodenklasse        | 3                               |



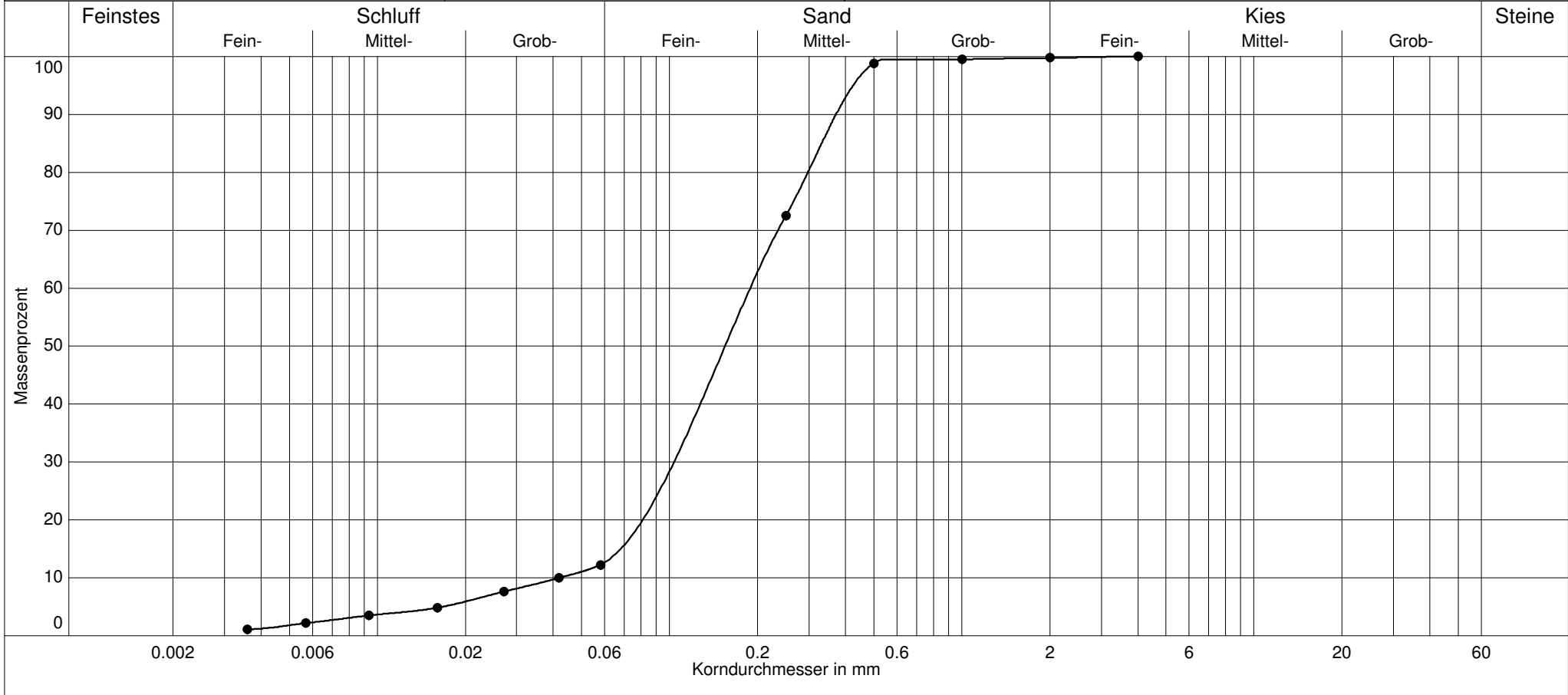
|                    |                                 |
|--------------------|---------------------------------|
| Labornummer        | —●— MP-BS4/4+BS10/2 / 0,6 - 2,5 |
| Ungleichförm. Cu   | 688.7                           |
| Krümmungszahl Cc   | 3.9                             |
| Bodenart           | mG,gg,ü,fg',ms',gs'             |
| Bodengruppe        | GÜ                              |
| d10 / d60          | 0.018/12.394 mm                 |
| Anteil < 0.063 mm  | 18.4 %                          |
| Kornfrakt. T/U/S/G | 3.1/15.3/15.7/66.0 %            |
| Bodenklasse        | 4                               |



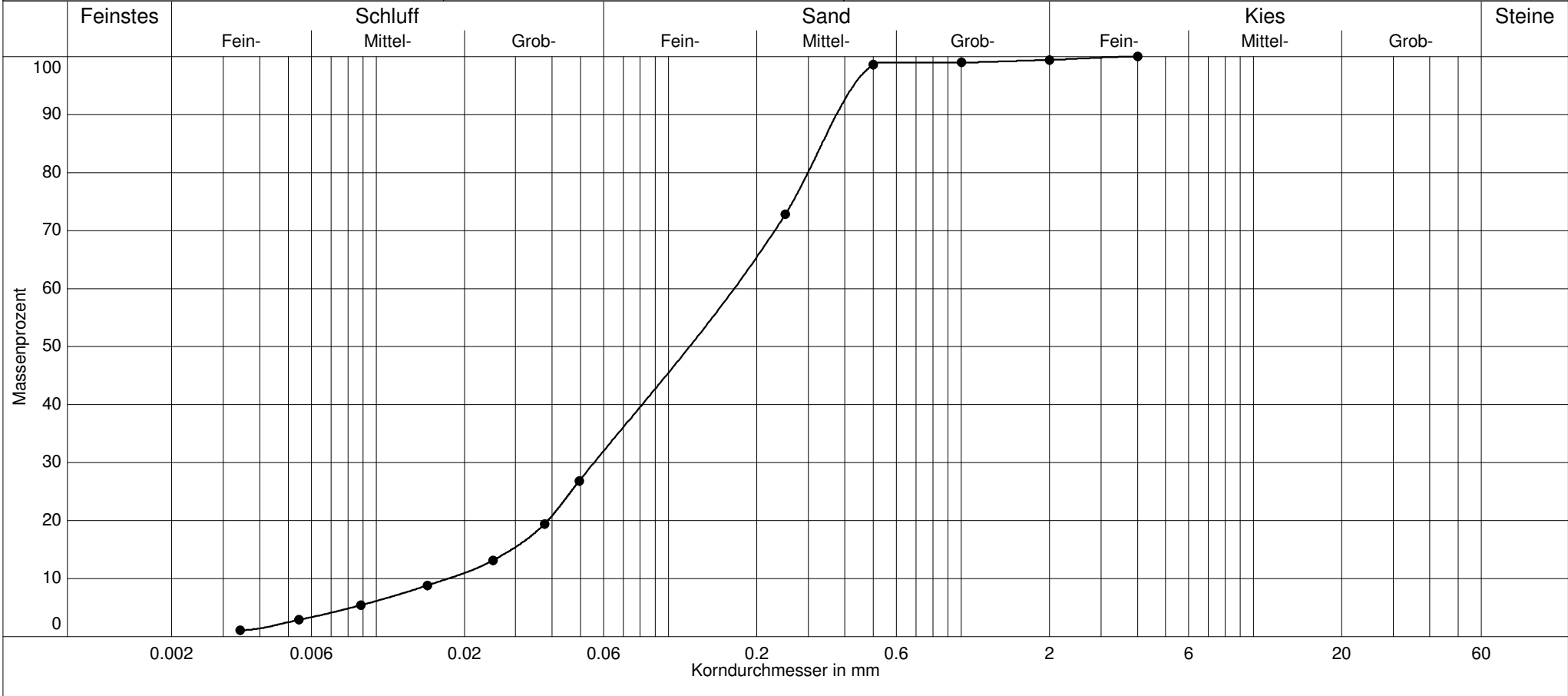
|                    |                                  |
|--------------------|----------------------------------|
| Labornummer        | —●— MP-BS12/2+BS13/2 / 0,3 - 1,7 |
| Ungleichförm. Cu   | 1016.3                           |
| Krümmungszahl Cc   | 0.3                              |
| Bodenart           | mG,s,u,fg,t',gg'                 |
| Bodengruppe        | GÜ                               |
| d10 / d60          | 0.003/2.554 mm                   |
| Anteil < 0.063 mm  | 32.3 %                           |
| Kornfrakt. T/U/S/G | 8.7/23.6/25.3/42.4 %             |
| Bodenklasse        | 4                                |



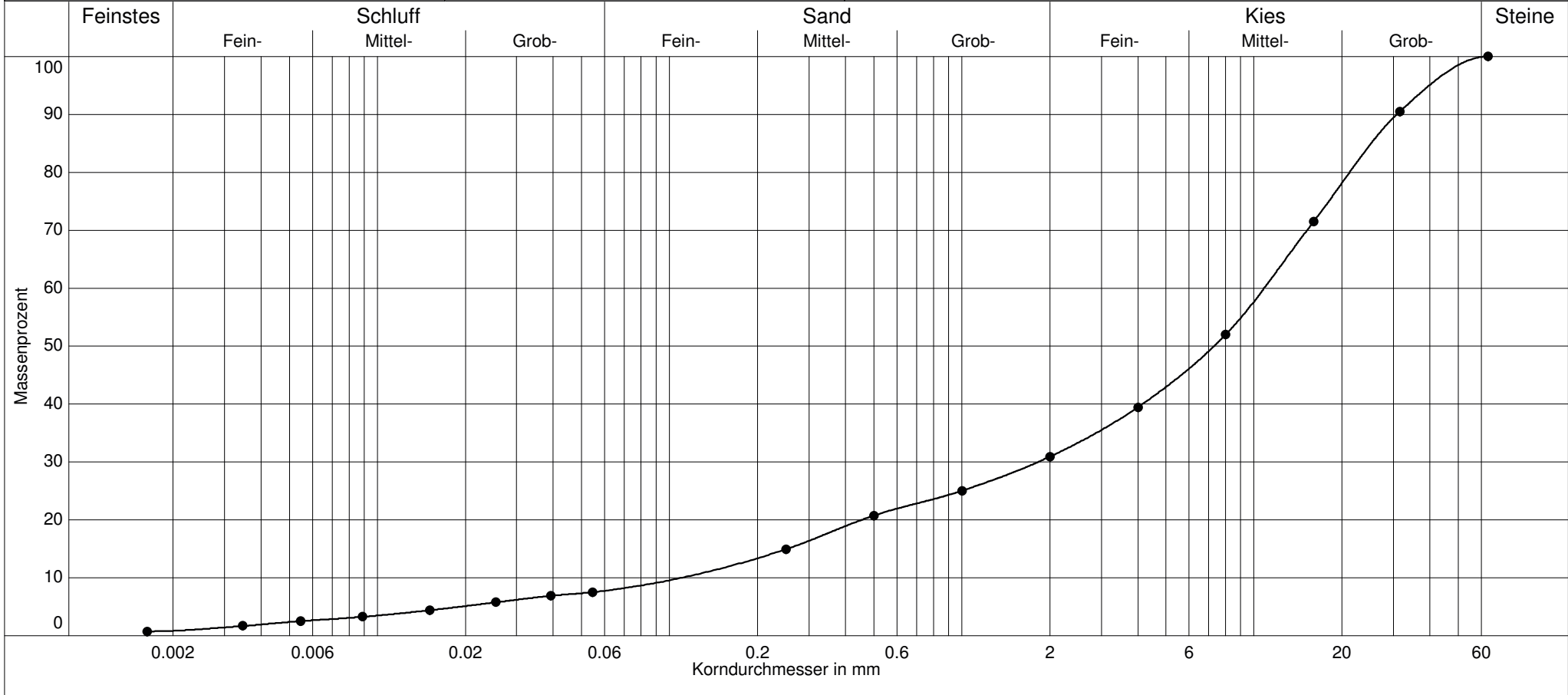
|                    |                         |
|--------------------|-------------------------|
| Labornummer        | —●— BK1-E1 / 1,5 - 2,0  |
| Ungleichförm. Cu   | 197.4                   |
| Krümmungszahl Cc   | 5.9                     |
| Bodenart           | gG,mg,fg',x',u',ms',gs' |
| Bodengruppe        | GU                      |
| d10 / d60          | 0.136/26.845 mm         |
| Anteil < 0.063 mm  | 7.3 %                   |
| Kornfrakt. T/U/S/G | 1.2/6.1/15.8/69.9/7.0 % |
| Bodenklasse        | 3                       |



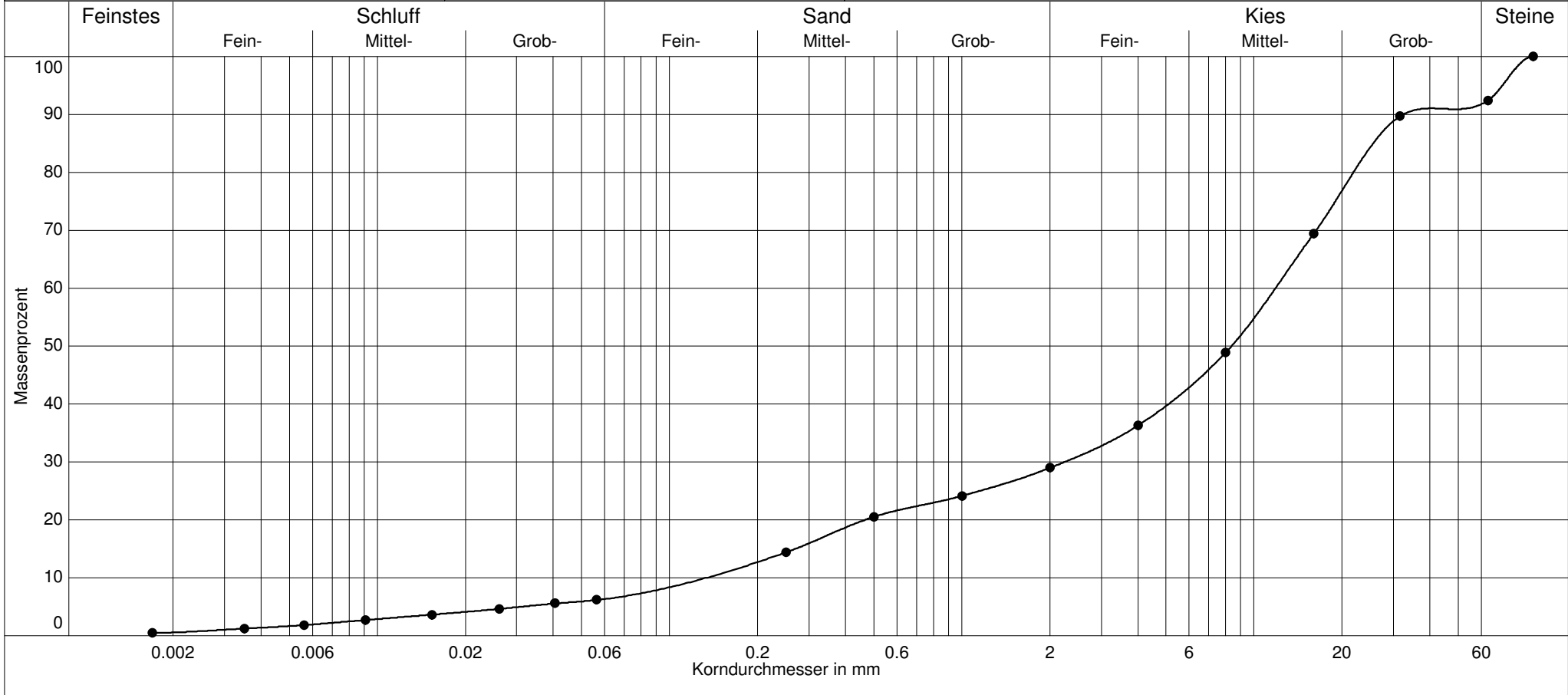
|                    |                        |
|--------------------|------------------------|
| Labornummer        | —●— BK1-E2 / 8,5 - 9,0 |
| Ungleichförm. Cu   | 4.5                    |
| Krümmungszahl Cc   | 1.4                    |
| Bodenart           | fS,ms,u                |
| Bodengruppe        | SU                     |
| d10 / d60          | 0.042/0.189 mm         |
| Anteil < 0.063 mm  | 13.4 %                 |
| Kornfrakt. T/U/S/G | 0.0/13.4/86.3/0.2 %    |
| Bodenklasse        | 3                      |



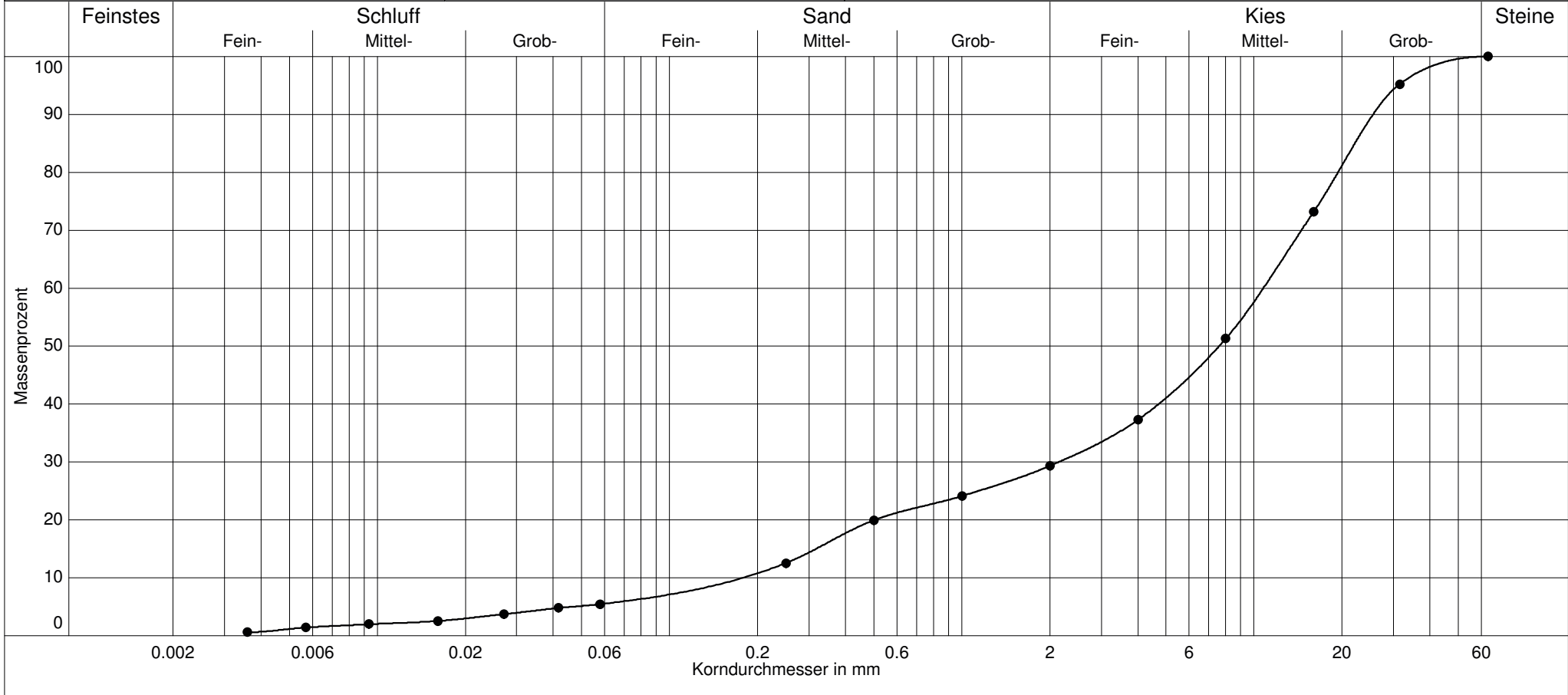
|                    |                            |
|--------------------|----------------------------|
| Labornummer        | —●— BK3-B2+B3 / 8,9 - 11,1 |
| Ungleichförm. Cu   | 9.5                        |
| Krümmungszahl Cc   | 1.0                        |
| Bodenart           | mS,ü,fs                    |
| Bodengruppe        | SÜ                         |
| d10 / d60          | 0.018/0.168 mm             |
| Anteil < 0.063 mm  | 33.3 %                     |
| Kornfrakt. T/U/S/G | 0.0/33.3/66.1/0.6 %        |
| Bodenklasse        | 4                          |



|                    |                        |
|--------------------|------------------------|
| Labornummer        | —●— BK3-E1 / 4,0 - 4,5 |
| Ungleichförm. Cu   | 98.6                   |
| Krümmungszahl Cc   | 2.8                    |
| Bodenart           | mG,s,gg,fg,u'          |
| Bodengruppe        | GU                     |
| d10 / d60          | 0.110/10.828 mm        |
| Anteil < 0.063 mm  | 7.9 %                  |
| Kornfrakt. T/U/S/G | 0.8/7.0/23.0/69.1 %    |
| Bodenklasse        | 3                      |



|                    |                         |
|--------------------|-------------------------|
| Labornummer        | —●— BK4-E2 / 3,0 - 4,0  |
| Ungleichförm. Cu   | 88.4                    |
| Krümmungszahl Cc   | 3.2                     |
| Bodenart           | mG,s,gg,fg',x',u'       |
| Bodengruppe        | GU                      |
| d10 / d60          | 0.134/11.838 mm         |
| Anteil < 0.063 mm  | 6.5 %                   |
| Kornfrakt. T/U/S/G | 0.6/5.9/22.5/63.4/7.6 % |
| Bodenklasse        | 3                       |



|                    |                        |
|--------------------|------------------------|
| Labornummer        | —●— BK5-E1 / 1,0 - 1,5 |
| Ungleichförm. Cu   | 60.3                   |
| Krümmungszahl Cc   | 2.4                    |
| Bodenart           | mG,s,gg,fg,u'          |
| Bodengruppe        | GU                     |
| d10 / d60          | 0.178/10.759 mm        |
| Anteil < 0.063 mm  | 5.7 %                  |
| Kornfrakt. T/U/S/G | 0.0/5.7/23.7/70.7 %    |
| Bodenklasse        | 3                      |