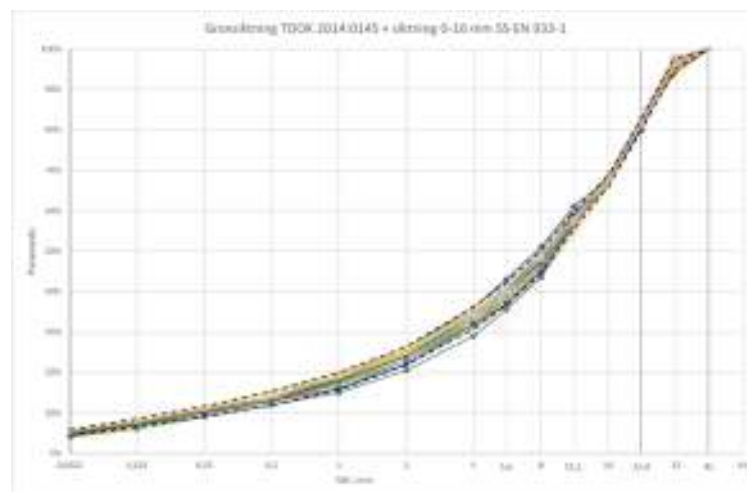




Ringanalys Grovsikt

Enligt TDOK 2014:0145 och SS-EN 933-1

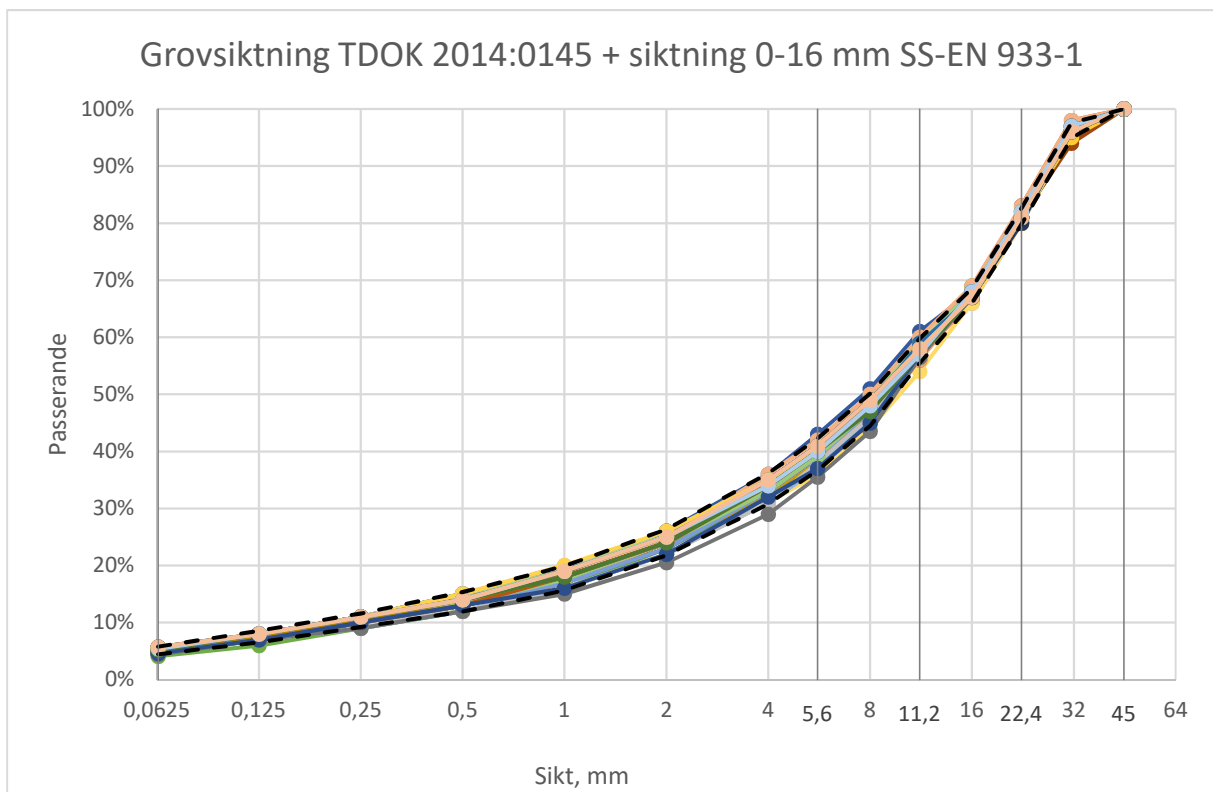
Preliminär rapportering
2018-10-04



Av Håkan Arvidsson, VTI



Nedan redovisas ett diagram med alla deltagande laboratoriers kornkurvor. Grovsiktningssmetoden fokuserar på material större än 16 mm. Det är därför glädjande att se att spridningarna i den delen är små (3%-enheter mellan max och min). Det innebär att materialet var välproportionerat i framför allt 16/Tot-delen och att vi som deltog gör tämligen lika



Figur 1. Streckade linjer är kurvorna för medelvärde ± 2 standardavvikelse.

På nästa sida presenteras samtliga inlämnade resultat med kodnummer för laboratorierna (1-50).

Färgkoderna innebär:

Grönt: nära medelvärde, $\pm 0,5\%$

Vitt: resultat inom medelvärde ± 1 stdavv

Gult: resultat utanför medelvärde ± 1 stdavv men innanför medelvärde ± 2 stdavv

Rött: Utanför medelvärde ± 2 stdavv



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Max	5,70%	8,00%	11,00%	15,00%	20,00%	26,00%	36,00%	43,00%	51,00%	61,00%	69,00%	83,00%	98,00%
Medel + s	5,46%	8,07%	11,03%	14,48%	18,84%	25,23%	34,83%	40,88%	48,70%	58,69%	67,94%	81,91%	96,86%
Medel	5,12%	7,55%	10,44%	13,63%	17,78%	24,10%	33,49%	39,47%	47,29%	57,61%	67,28%	81,21%	96,20%
Medel - s	4,78%	7,04%	9,85%	12,77%	16,72%	22,97%	32,15%	38,06%	45,87%	56,53%	66,62%	80,52%	95,54%
Min	4,10%	6,00%	9,00%	12,00%	15,00%	20,50%	29,00%	35,50%	43,50%	54,00%	66,00%	80,00%	94,00%
stdav	0,34%	0,51%	0,59%	0,85%	1,06%	1,13%	1,34%	1,41%	1,42%	1,08%	0,66%	0,69%	0,66%
stdav/medel	6,55%	6,82%	5,65%	6,25%	5,97%	4,71%	4,00%	3,57%	3,00%	1,88%	0,98%	0,86%	0,68%
Antal	48	48	48	48	48	48	48	48	48	48	48	48	48
Nr	0,063	0,125	0,25	0,5	1	2	4	5,6	8	11,2	16	22,4	31,5
1	5,2%	8%	10%	13%	18%	24%	34%	40%	48%	58%	67%	81%	96%
2	5,5%	8%	11%	14%	18%	24%	33%	39%	47%	57%	67%	81%	96%
3	5,3%	8%	11%	14%	18%	25%	33%	40%	47%	58%	67%	81%	96%
4	5,4%	8%	11%	14%	18%	24%	33%	39%	47%	56%	67%	81%	96%
5	5,4%	8%	11%	14%	18%	24%	33%	39%	47%	57%	67%	82%	96%
6	4,1%	6%	9%	12%	16%	23%	32%	38%	45%	57%	67%	81%	96%
7	5,0%	7%	10%	13%	17%	23%	33%	39%	47%	58%	68%	82%	96%
8	4,7%	7%	10%	13%	17%	24%	33%	39%	47%	58%	67%	81%	94%
9	5,1%	8%	11%	13%	18%	24%	34%	40%	47%	58%	67%	81%	96%
10	5,0%	8%	11%	14%	18%	25%	34%	41%	49%	59%	66%	80%	95%
11	5,7%	8%	11%	14%	19%	26%	35%	41%	49%	58%	67%	82%	96%
12	4,9%	8%	11%	15%	19%	26%	35%	41%	48%	58%	67%	82%	96%
13	4,9%	8%	11%	14%	18%	24%	33%	38%	46%	57%	67%	81%	96%
14	5,2%	7%	10%	13%	17%	24%	34%	39%	47%	57%	66%	80%	96%
15	4,9%	7%	10%	14%	18%	24%	34%	40%	47%	57%	68%	81%	97%
16	5,4%	8%	11%	14%	18%	24%	33%	39%	47%	58%	67%	81%	95%



vti

Max	5,70%	8,00%	11,00%	15,00%	20,00%	26,00%	36,00%	43,00%	51,00%	61,00%	69,00%	83,00%	98,00%
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Antal	48	48	48	48	48	48	48	48	48	48	48	48	48
Nr	0,063	0,125	0,25	0,5	1	2	4	5,6	8	11,2	16	22,4	31,5
17	5,3%	8%	11%	15%	19%	25%	35%	41%	48%	58%	68%	81%	96%
18													
19	5,0%	7%	10%	13%	18%	24%	33%	39%	46%	56%	68%	83%	97%
20	5,5%	8%	11%	15%	19%	25%	35%	41%	49%	58%	67%	83%	98%
21	5,0%	7%	10%	13%	17%	23%	33%	39%	47%	58%	68%	81%	97%
22	4,8%	7%	10%	14%	17%	24%	32%	38%	45%	57%	68%	81%	96%
23	5,3%	8%	11%	15%	19%	26%	36%	43%	51%	61%	68%	82%	96%
24	4,5%	7%	10%	14%	17%	24%	33%	39%	47%	58%	69%	80%	96%
25	5,2%	8%	11%	14%	18%	25%	34%	41%	48%	58%	66%	82%	96%
26	5,2%	8%	11%	14%	18%	25%	36%	42%	50%	60%	69%	83%	98%
27	5,1%	8%	11%	15%	20%	25%	35%	40%	48%	58%	68%	81%	96%
28	5,0%	8%	10%	12%	16%	22%	31%	36%	44%	54%	66%	80%	96%
29													
30	5,4%	8%	11%	15%	19%	26%	35%	41%	49%	59%	68%	82%	97%
31	5,0%	7%	10%	13%	17%	24%	33%	39%	47%	57%	67%	81%	96%
32	5,7%	8%	11%	14%	18%	24%	33%	39%	48%	58%	67%	81%	96%
33	5,3%	7%	10%	13%	17%	24%	33%	39%	47%	57%	67%	81%	96%



vti

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Antal	48	48	48	48	48	48	48	48	48	48	48	48	48
Nr	0,063	0,125	0,25	0,5	1	2	4	5,6	8	11,2	16	22,4	31,5
34	5,4%	8%	11%	14%	18%	24%	33%	39%	47%	56%	68%	82%	96%
35	5,2%	8%	11%	14%	19%	25%	35%	41%	49%	58%	67%	80%	97%
36	5,0%	7%	10%	13%	18%	24%	34%	40%	49%	58%	67%	81%	96%
37	4,7%	7%	9%	12%	16%	22%	31%	37%	46%	57%	68%	81%	97%
38	5,3%	8%	10%	13%	17%	24%	33%	39%	46%	56%	67%	81%	96%
39	5,4%	7%	10%	12%	16%	22%	31%	38%	46%	58%	67%	81%	96%
40	5,6%	8%	11%	15%	20%	26%	35%	40%	48%	58%	67%	81%	96%
41	4,8%	7%	10%	13%	17%	23%	33%	39%	47%	58%	67%	81%	96%
42	4,9%	7%	10%	13%	18%	24%	33%	39%	47%	58%	67%	81%	96%
43	4,9%	8%	11%	14%	18%	24%	34%	40%	48%	59%	67%	81%	96%
44	5,1%	7%	10%	13%	18%	24%	34%	40%	48%	57%	67%	81%	96%
45	4,4%	7%	9%	12%	15%	21%	29%	36%	44%	57%	67%	81%	96%
46	5,2%	8%	11%	14%	18%	24%	34%	40%	48%	58%	67%	81%	97%
47	4,6%	7%	10%	13%	16%	22%	32%	37%	45%	57%	68%	81%	97%
48	5,2%	8%	11%	14%	18%	24%	34%	40%	47%	57%	67%	81%	96%
49	5,4%	8%	11%	14%	19%	25%	34%	40%	48%	57%	68%	82%	97%
50	5,7%	8%	11%	14%	19%	25%	35%	41%	49%	58%	67%	81%	96%