



Attachment no. 1 to the certificate of analysis for work order PR1987159

RESULTS OF GRAIN SIZE ANALYSIS

Sample label:	N00681595		
Lab. ID:	001		
Total weight of sample:	[g]	179.59	
q	< 0.002 mm	[%]	0.02
q	0.002–0.004 mm	[%]	0.54
q	0.004–0.008 mm	[%]	1.03
q	0.008–0.016 mm	[%]	1.94
q	0.016–0.032 mm	[%]	1.75
q	0.032–0.063 mm	[%]	0.94
q	< 0.063 mm	[%]	6.22
q	0.063–0.125 mm	[%]	4.06
q	0.125–0.250 mm	[%]	9.64
q	0.250–0.500 mm	[%]	15.50
q	0.500–1.000 mm	[%]	17.66
q	1.000–2.000 mm	[%]	11.71
q	2.000–4.000 mm	[%]	11.48
q	4.000–8.000 mm	[%]	9.48
q	8.000–16.000 mm	[%]	10.79
q	16.00–31.50 mm	[%]	3.45
q	31.50–63.00 mm	[%]	0.00
q	> 63.00 mm	[%]	0.00
Q	< 0.002 mm	[%]	0.02
Q	< 0.004 mm	[%]	0.56
Q	< 0.008 mm	[%]	1.60
Q	< 0.016 mm	[%]	3.54
Q	< 0.032 mm	[%]	5.28
Q	< 0.063 mm	[%]	6.22
Q	< 0.125 mm	[%]	10.28
Q	< 0.250 mm	[%]	19.93
Q	< 0.500 mm	[%]	35.43
Q	< 1.000 mm	[%]	53.09
Q	< 2.000 mm	[%]	64.80
Q	< 4.000 mm	[%]	76.28
Q	< 8.000 mm	[%]	85.76
Q	< 16.00 mm	[%]	96.55
Q	< 31.50 mm	[%]	100.00
Q	< 63.000 mm	[%]	100.00

q – fraction percentage part, Q – fraction cumulative part.

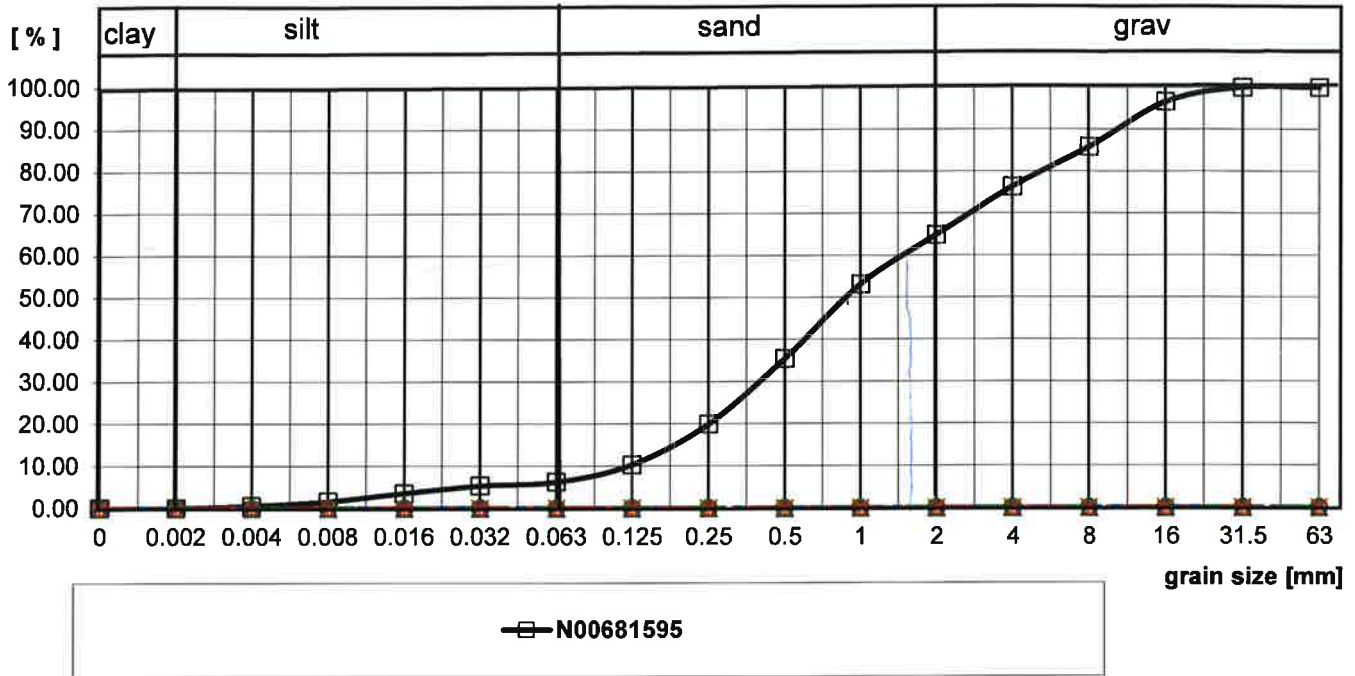
Test method specification: CZ_SOP_D06_07_120 Grain size analysis using the wet sieve analysis using laser diffraction (fraction from 2 µm to 63 mm). Fractions > 63 mm, 31.5–63 mm, 16–31.5 mm, 8–16 mm, 4–8 mm, 2–4 mm, 1–2 mm, 0.5–1 mm, 0.25–0.50 mm, 0.125–0.25 mm and 0.063–0.125 mm were determined by wet sieving method, other fractions were determined from the fraction "<0.063 mm" by laser particle size analyzer using liquid dispersion mode.

Test specification, deviations, additions to or exclusions from the test specification:



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$$d_{10} = 0.125$$

$$d_{50} = 0.9$$

$$d_{60} = 1.6$$

$$S_o \frac{d_{60}}{d_{10}} = \frac{1.6}{0.125} \Rightarrow 12.8$$

