

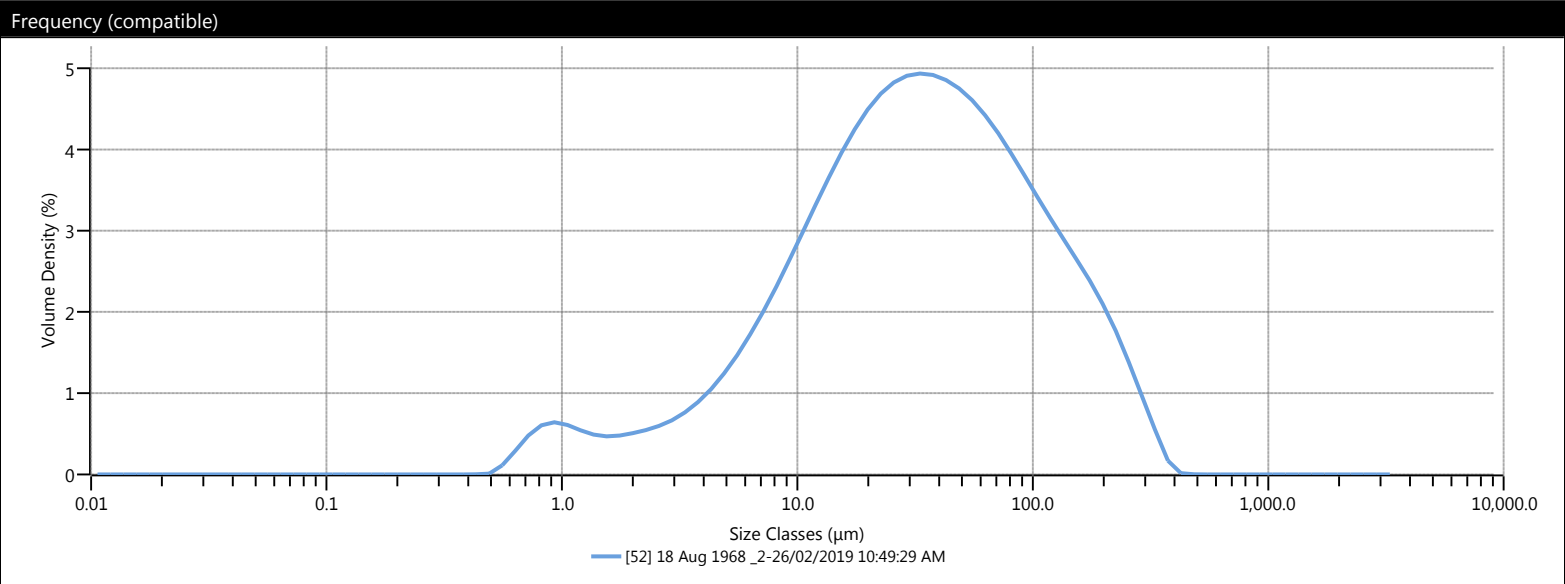
# Analysis - Under

Measurement Details	
<b>Sample Name</b>	18 Aug 1968 _2
<b>SOP File Name</b>	ERTH321 ash.msop
<b>Lab Number</b>	
<b>Operator Name</b>	instrument

Measurement Details	
<b>Analysis Date Time</b>	26/02/2019 10:49:29 AM
<b>Measurement Date Time</b>	26/02/2019 10:49:29 AM
<b>Result Source</b>	Measurement

Analysis	
<b>Particle Name</b>	Sediment
<b>Particle Refractive Index</b>	1.500
<b>Particle Absorption Index</b>	0.200
<b>Dispersant Name</b>	Water
<b>Dispersant Refractive Index</b>	1.330
<b>Scattering Model</b>	Mie
<b>Analysis Model</b>	General Purpose
<b>Weighted Residual</b>	0.45 %
<b>Laser Obscuration</b>	9.59 %

Result	
<b>Concentration</b>	0.0146 %
<b>Span</b>	4.236
<b>Uniformity</b>	1.273
<b>Specific Surface Area</b>	553.9 m <sup>2</sup> /kg
<b>D [3,2]</b>	10.8 µm
<b>D [4,3]</b>	56.1 µm
<b>Dv (10)</b>	5.70 µm
<b>Dv (50)</b>	32.6 µm
<b>Dv (90)</b>	144 µm



Result									
Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under
0.0500	0.00	7.80	13.78	88.0	79.52	350	99.86	1410	100.00
0.0600	0.00	15.6	27.85	105	83.65	420	100.00	1680	100.00
0.120	0.00	31.0	48.40	125	87.34	500	100.00	2000	100.00
0.240	0.00	37.0	54.10	149	90.63	590	100.00	2380	100.00
0.490	0.00	44.0	59.64	177	93.47	710	100.00	2830	100.00
0.980	1.74	53.0	65.42	210	95.91	840	100.00	3360	100.00
2.00	4.15	63.0	70.54	250	97.83	1000	100.00		
3.90	7.04	74.0	75.04	300	99.22	1190	100.00		

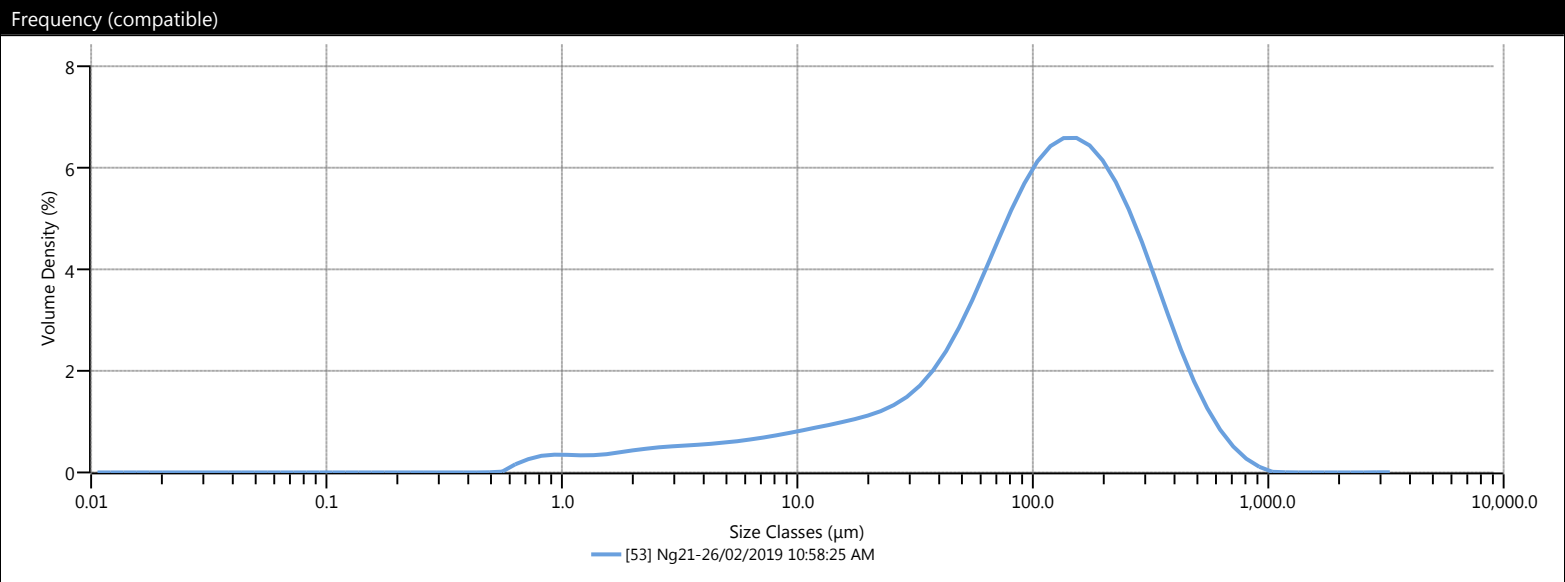
# Analysis - Under

Measurement Details	
<b>Sample Name</b>	Ng21
<b>SOP File Name</b>	ERTH321 ash.msop
<b>Lab Number</b>	
<b>Operator Name</b>	instrument

Measurement Details	
<b>Analysis Date Time</b>	26/02/2019 10:58:25 AM
<b>Measurement Date Time</b>	26/02/2019 10:58:25 AM
<b>Result Source</b>	Measurement

Analysis	
<b>Particle Name</b>	Sediment
<b>Particle Refractive Index</b>	1.500
<b>Particle Absorption Index</b>	0.200
<b>Dispersant Name</b>	Water
<b>Dispersant Refractive Index</b>	1.330
<b>Scattering Model</b>	Mie
<b>Analysis Model</b>	General Purpose
<b>Weighted Residual</b>	0.25 %
<b>Laser Obscuration</b>	8.19 %

Result	
<b>Concentration</b>	0.0228 %
<b>Span</b>	2.765
<b>Uniformity</b>	0.848
<b>Specific Surface Area</b>	300.1 m <sup>2</sup> /kg
<b>D [3,2]</b>	20.0 µm
<b>D [4,3]</b>	151 µm
<b>Dv (10)</b>	12.4 µm
<b>Dv (50)</b>	116 µm
<b>Dv (90)</b>	332 µm



Result									
Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under	Size (µm)	% Volume Under
0.0500	0.00	7.80	7.57	88.0	39.30	350	91.32	1410	100.00
0.0600	0.00	15.6	11.41	105	46.07	420	94.82	1680	100.00
0.120	0.00	31.0	16.86	125	53.28	500	97.17	2000	100.00
0.240	0.00	37.0	18.91	149	60.84	590	98.62	2380	100.00
0.490	0.00	44.0	21.41	177	68.18	710	99.48	2830	100.00
0.980	0.90	53.0	24.83	210	75.15	840	99.87	3360	100.00
2.00	2.58	63.0	28.91	250	81.54	1000	100.00		
3.90	4.76	74.0	33.49	300	87.31	1190	100.00		