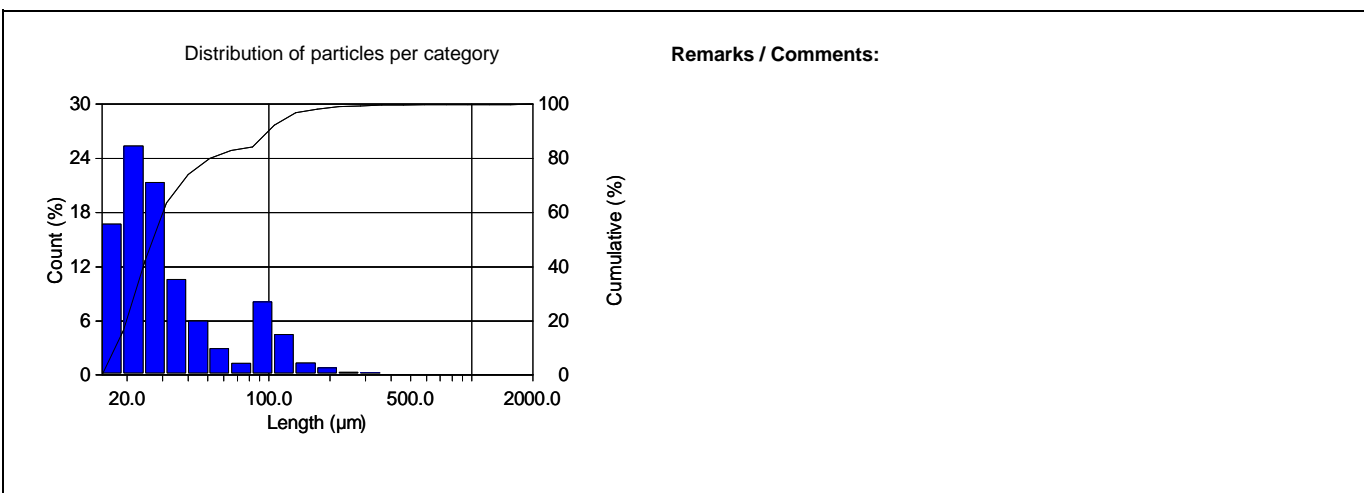
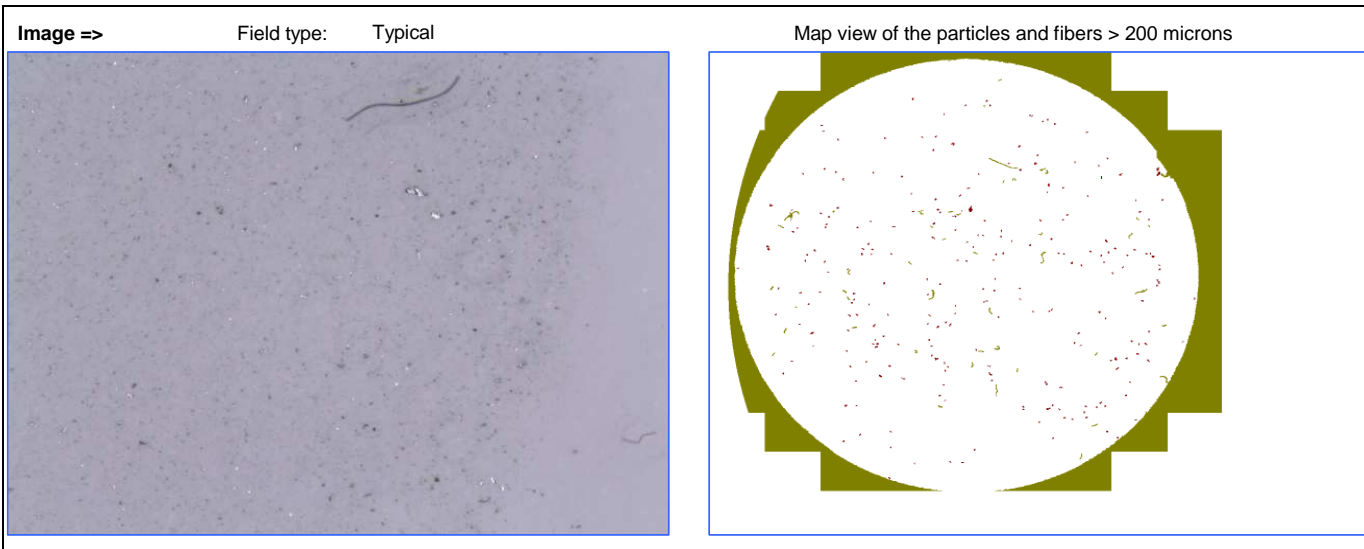


Particulate Contamination as per ISO 4406 - 4407 (2002)

Date:	2009-Oct-28, 3:51:24 PM -04'00'	Covered area:	2106.38 mm ²	Magnification:	16x
Analyst:	John Smith	Covered ratio:	1.21	Calibration:	5.0441 µm/pixel
Sample ID:	Filter 1	Effective filtration diameter:	47 mm	Units:	microns
Pore size:	1.0 mic.	Effective filtration area:	1734.94 mm ²	# Fields:	97
Sample volume:	100 ml	Illumination type:	reflected		

Particle count data and Scale number											Fibers ^{d)}
Size range (mic)	a)7.5 - 15	15 - 25	25 - 50 ^{b)}	50 - 100	100 - 150	150 - 200	200 - 400	400 - 600	600 - 1000	> 1000 ^{c)}	Count
Blank count (can be filled in manually or linked to an exported Vision file)											0
Particle counts	-	796	450	222	96	611	341	102	61	0	2679
Estimated particles for the whole filter	-	655.6	370.6	182.9	79.1	503.3	280.9	84.0	50.2	0.0	2206.6
Particle count per 100 ml	-	655.6	370.6	182.9	79.1	503.3	280.9	84.0	50.2	0.0	2206.6
Scale number	--	17	16	15	13	16	15	14	13	0	18
Final classification	-- / -- /17/16/15/13/16/15/14/13/0										

Largest particle =>	Maximum dimension:	1620.43	microns	Nature:	Fiber
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- a) At 16x, features smaller than 15 microns cannot be discriminated from artefacts and are not reported here.
- b) At 16x, the precision decreases for particles under 50 microns. If a better precision is needed on smallest particles, use the routine for 55x instead.
- c) At 16x, measurements over 1000 microns are based on Tiled features, so the precision decreases past this limit
- d) ISO 4406 identifies fibers as features longer than 100mic. with a Length / Width ratio greater than 10. The Vision routine is based on String Length / String Width ratio. This can be modified if desired.