

GRAY CAST IRON MEASUREMENT AS PER ASTM A247



Figure 1: Part of the original image captured at 100X (1.27 $\mu\text{m}/\text{pixel}$).

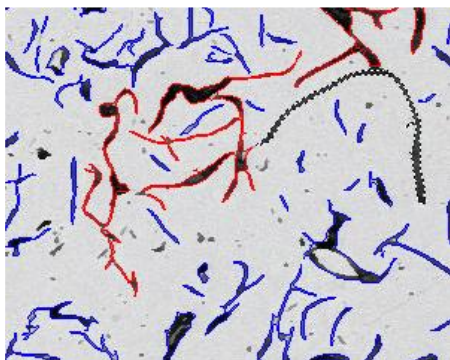
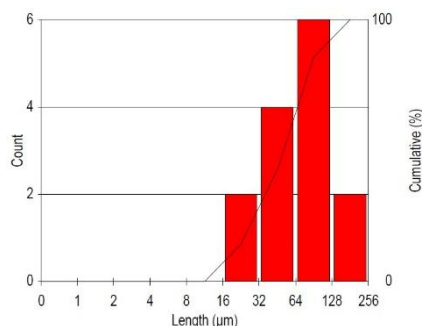


Figure 2: Outline view of flakes as measured. Note that the longest flake was first part of a group of flakes.

Results

Length measurement is performed on each distinct feature from red bitplane. Automated statistics and graph are generated and would be cumulated when analyzing several images. Final results can be printed directly from Clemex Vision. Raw data are linked to their respective objects for validation purpose. Raw data can also be exported in Excel format allowing to build an automated macro to find the size class.



Maximum: 153.76 microns
Size Class: Oversize (greater than 128 microns).

Figure 3: Flakes' Length distribution, maximum value and corresponding size class.