Sobel-transformed difference Image processing green and blue spectrum in b/w Rectified image of stained outcrop Identified patches in red Broken and labelled patches Patch statistics Resampling from multiple layers Mean distance between patches Patch diameter Resulting domain definition of representative macropores 0.0 -0.1-0.260 100 200 300 400 500 600 700 800 40 120 140 -0.3Patch area Patch perimeter -0.4Depth (m) -0.76000 8000 10000 12000 4000 100 200 Width (m)

0.0

0.2

0.4

0.6