Historic England

Image Capture Standards

Method	Data	
Digitization	Site drawings: Large format scanning	Greyscale, 200dpi tiff files (version 6, uncompressed)
	Site sketch plans	Black and White. 300dpi tiff files (version 6, uncompressed)
	Scanning 35mm colour film	12 colour bit, 3072x2048 pixels tiff files (version 6, uncompressed)
	Scanning 35mm b/w film	Greyscale, 3072x2048 pixels tiff files (version 6, uncompressed)
	XRF Spectra Data	12 colour bit, 200dpi tiff files (versions 6, uncompressed)
	Any image for publication	As required by the publisher
Images	Photography	**Nikon D600** Image Quality: NEF (RAW)+ JPEG fine JPEG Compression : Optimal quality Jpeg Recording > Type: lossless compressed NEF (RAW) Recording > NEF (RAW) Bit Depth: 12-bit Image Size (Jpeg only): Medium 4512x3008 Archive format: 12 colour bit, 4512 x 3008 pixels tiff files (version 6, uncompressed)
	Publication images	As required by the publisher
	X-rays	DICONDE files and Greyscale, 100dpi tiff files (version 6, uncompressed)
	Microscope (Conservation)	**Nikon Coolpix 4500 (Cons)** Image quality: Hi Image Size: 2272x1704 File Format: 24 colour bit, 2272 x 1704 pixels tiff files (version 6, uncompressed)

When purchasing new equipment consideration should be given to the quality of images and the standard required for archiving defined in this document.

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Images Cont.	Microscope (Environmental)	**Leica DFC 320 (Env)** Image quality: Full frame HQ Image Size: 2088x1550 File Format: 8 bit, 2088 x 1550 pixels tiff files (version 6, uncompressed)
	Endoscope	Effective pixel size 752(H) x 582 (v) (only setting)
	Other Cameras	**Canon EOS Digital Rebel (Cons/Env)** Image quality: Large Image Size: 6.3Million File Format: RAW Archive format: 12 colour bit, 4512 x 3008 pixels tiff files (version 6, uncompressed) **Canon EOS 1000D (Env)** Image quality: High quality Image Size: Large (Jpeg only) File Format: RAW + uncompressed Jpeg Archive format: 12 colour bit, 4512 x 3008 pixels tiff files (version 6, uncompressed)

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