

INFRARED REFLECTOGRAM IMAGE CAPTURE REPORT

METROPOLITAN MUSEUM OF ART

Artist: Lucas Cranach the Elder
Title: *The Martyrdom of Saint Barbara*, ca. 1510
Curatorial Department: European Paintings
Oil on wood, overall 153.4 x 137.8 cm
Accession no.: 57.22

Date: 3/23/05
Location of capture session: Infrared Studio, Paintings Conservation Department

Equipment

Camera: Indigo Merlin NIR

Filter: none

Lens: Nikon Micro-Nikkor 55mm

Digitizing Board: National Instruments IMAQ (NI 14222)

Capture Software: IR Vista 2.5

Setup

Focal Distance (center of painting to front of lens housing): 52 cm

Lamps: Dual LowelOmni-light spots/ 120V 650W GE bulbs on rheostat

X translation: 7cm

Y translation: 5cm

Mosaic Assembly

Software: Adobe Photoshop CS 8.0

Size of source images: 320 x 256 at 72 lpi

Details recorded:

- Saints' face and chest
- Saint's hands
- Saint's dress (detail)
- Father's face and helmet
- Father's clothing (detail)
- Judge's face and hands

- Soldier's face
- 2nd soldier's face

Total number of source images in mosaic: varies

Graycard subtraction: yes

Output: CD, Fuji Pictography prints

Additional Information/Comments

For any additional information, prints, or assistance, please contact:

Charlotte Hale, Conservator

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