A Methodology for Process Identification
Part 2

Photographic Identification Webinar #5
Process Identification
Methods of Looking

- Object View
- Surface View
- Magnification View

Object View Image
Surface View Image
Magnification View Image
Object View

Key Identifying Features

• Primary Support
• Image Color
• Image Deterioration
Object View

Primary Support

• Paper
• Plastic
• Glass
• Metal
• Ceramic
• Fabric
• Leather
Object View

Image Color/Tone

- Black
- Purple/Red
- Brown
- Yellow
- Other Color
- Full Color
- Hand Colored
Object View

Deterioration

• Color shifting
• Highlight yellowing
• Image ghosting
• Image fading
Surface View

Key Identifying Feature

• Surface Sheen
Magnification View

Key Identifying Features
• Image Structure
• Layer Structure
Magnification View

Magnification Tools

- 10x loupe
- Pocket microscope
- Microscope
Magnification View: Image Structure

Visual Identification Guide: IMAGE STRUCTURE
(AT 10X MAGNIFICATION)

CONTINUOUS IN TONE

PATTERNED

PIGMENT PARTICLES
Magnification View: Image Structure

Visual Identification Guide: IMAGE STRUCTURE
(AT 30X MAGNIFICATION)

CONTINUOUS IN TONE

PATTERNED

PIGMENT PARTICLES
Magnification View: Image Structure

Visual Identification Guide: IMAGE STRUCTURE (AT 50X MAGNIFICATION)

CONTINUOUS IN TONE

IMAGE GRAIN

PIGMENT PARTICLES

PATTERNED
Magnification View

Visual Identification Guide:
LAYER STRUCTURE
(AT 50X MAGNIFICATION)

IMAGE IN/ON PAPER FIBERS (PAPER FIBERS VISIBLE)

IN

ON

IMAGE ABOVE PAPER FIBERS, IN BINDER/ON COATING (PAPER FIBERS VISIBLE)

IN

ON

IMAGE IN BINDER/ON COATING (PAPER FIBERS OBSCURED)

IN

ON

The Image Permanence Institute is a part of RIT's College of Imaging Arts and Sciences. As a non-profit organization, research is devoted to the development and dissemination of sustainable practices for the preservation of images and cultural properties.

For more info visit: http://www.imagepermanenceinstitute.org
Layer Structure
Methods of Looking

www.graphicsatlas.org
Object Examples

1

2

3

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Object View

- Primary Support
- Image Color
- Image Deterioration
## Visual Identification Guide: IMAGE COLOR/TONE

**BLACK**

**PURPLE/RED**

**BROWN**

**YELLOW**

**OTHER COLOR**

**FULL COLOR** (MAY BE MISSED FOR HAND COLORED)

**HAND COLORED**
Object View

- Image Deterioration
  - Image Fading
  - Highlight Yellowing
Surface View

• Surface Sheen
Magnification View

• Image Structure
Magnification View

50x, even illumination
Magnification View

Visual Identification Guide: LAYER STRUCTURE (AT 50X MAGNIFICATION)

LIGHT SOURCE: 90°

IMAGE IN/ON PAPER FIBERS (PAPER FIBERS VISIBLE)

IN

ON

IMAGE ABOVE PAPER FIBERS, IN BINDER/ON COATING (PAPER FIBERS VISIBLE)

IN

ON

50x, raking light
Object View

Visual Identification Guide: IMAGE COLOR/TONE
(DUE TO DIFFERENT COMPUTER MONITOR SETTINGS, COLORS MAY VARY)

BLACK

PURPLE/RED

BROWN

YELLOW

OTHER COLOR

FULL COLOR (MAY BE MISSED FOR HAND COLORED)

HAND COLORED

The Image Permanence Institute, Inc. (IPI) relies on quality, art, and science in conserving, preserving, and developing innovative processes for the presentation and valuation of images and other properties.
Not all entries at: http://www.imagepermanenceinstitute.org

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IPI
Magnification View

50x, Even illumination
Object View
Surface View

Visual Identification Guide: SURFACE SHEEN

MATTE

SEMI-MATTE

GLOSSY

HIGH GLOSS

Surface View

Surface View

Surface View

Surface View

Surface View
Magnification View

50x, Even illumination
Magnification View

Visual Identification Guide: Layer Structure (At 50x Magnification)

- Image in/on paper fibers (paper fibers visible)
- Image above paper fibers, in binder/on coating (paper fibers visible)
- Image in binder/on coating (paper fibers obscured)

50x, Raking light
Survey & Thank You

Thank you!

• National Endowment for the Humanities Division of Preservation and Access
• The Andrew W. Mellon Foundation

Next Webinar

• Wednesday, February 14, 2:00pm EST
• Using Identification to Improve Collection Preservation and Access

Survey!

• A brief survey will appear at the end, please give us feedback!