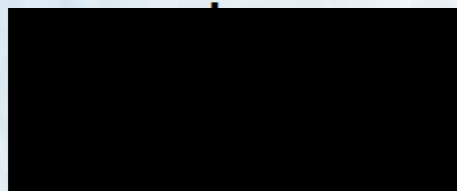


FINGERPRINTING



Not much has changed 1972





Rolling Prints





Live Scan-Mobile ID



Equipment

Dust

Brush

Tape

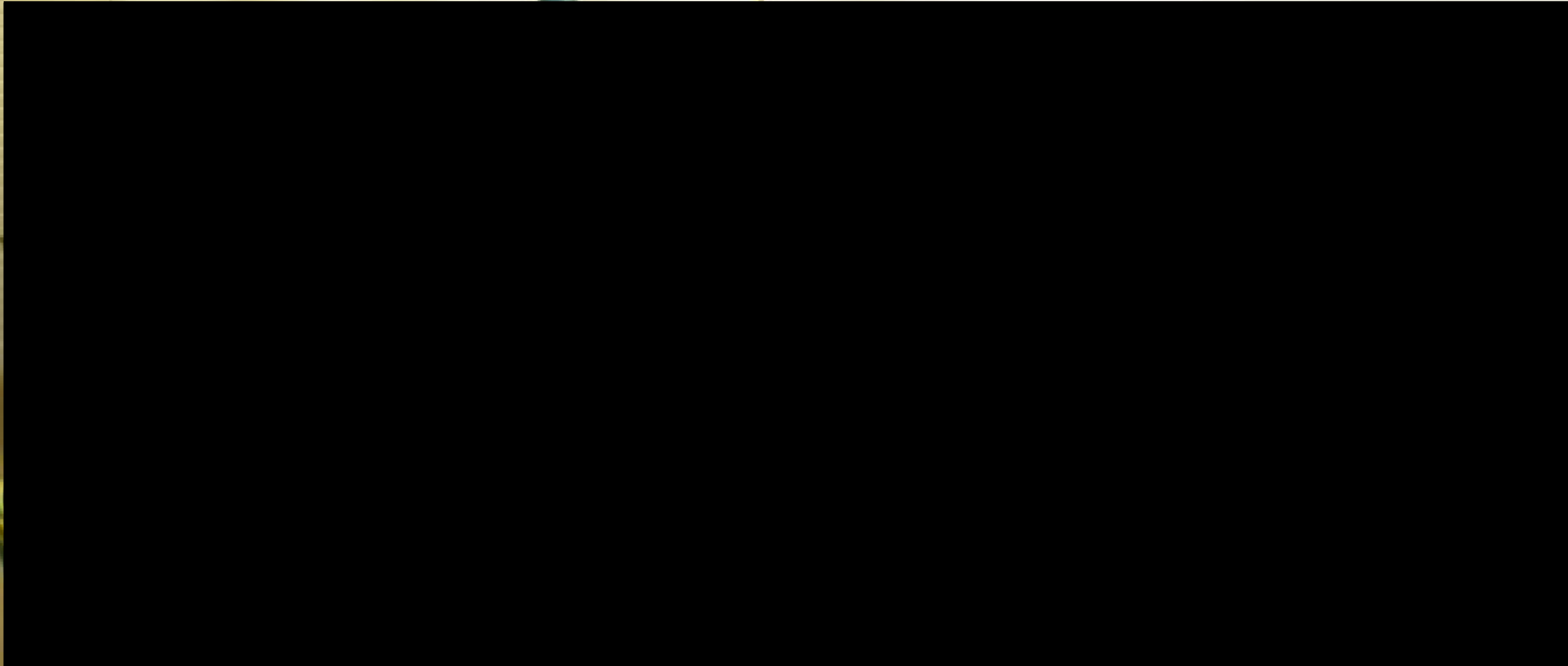
Card

Photograph/Camera

Scale for Photograph

The Process

- We imagine where a suspect touched leaving a possible fragile print
- We use dust and a brush to develop the print to be visible to the human eye
- We lift the print with tape and apply it to a card
- A fingerprint examiner analyzes the print and compares it to possible suspects
- A finger print is entered into AFIS-Automated Fingerprint Identification System



IMPORTANT PRINTS CAN BE THIS SIMPLE



Police work is common sense



**Photograph fingerprint
tape**

FINGERPRINT

is a copy or impression of the ridges and valleys present on the outermost layer of human skin.

Fingerprint is Unique



Perishable and Fragile

**They can be wiped away
or
Dry Out**



Fingerprint Examiner analyzes the print structure and testifies to the ID in court



Arch



Tentarch



Loop



Double Loop



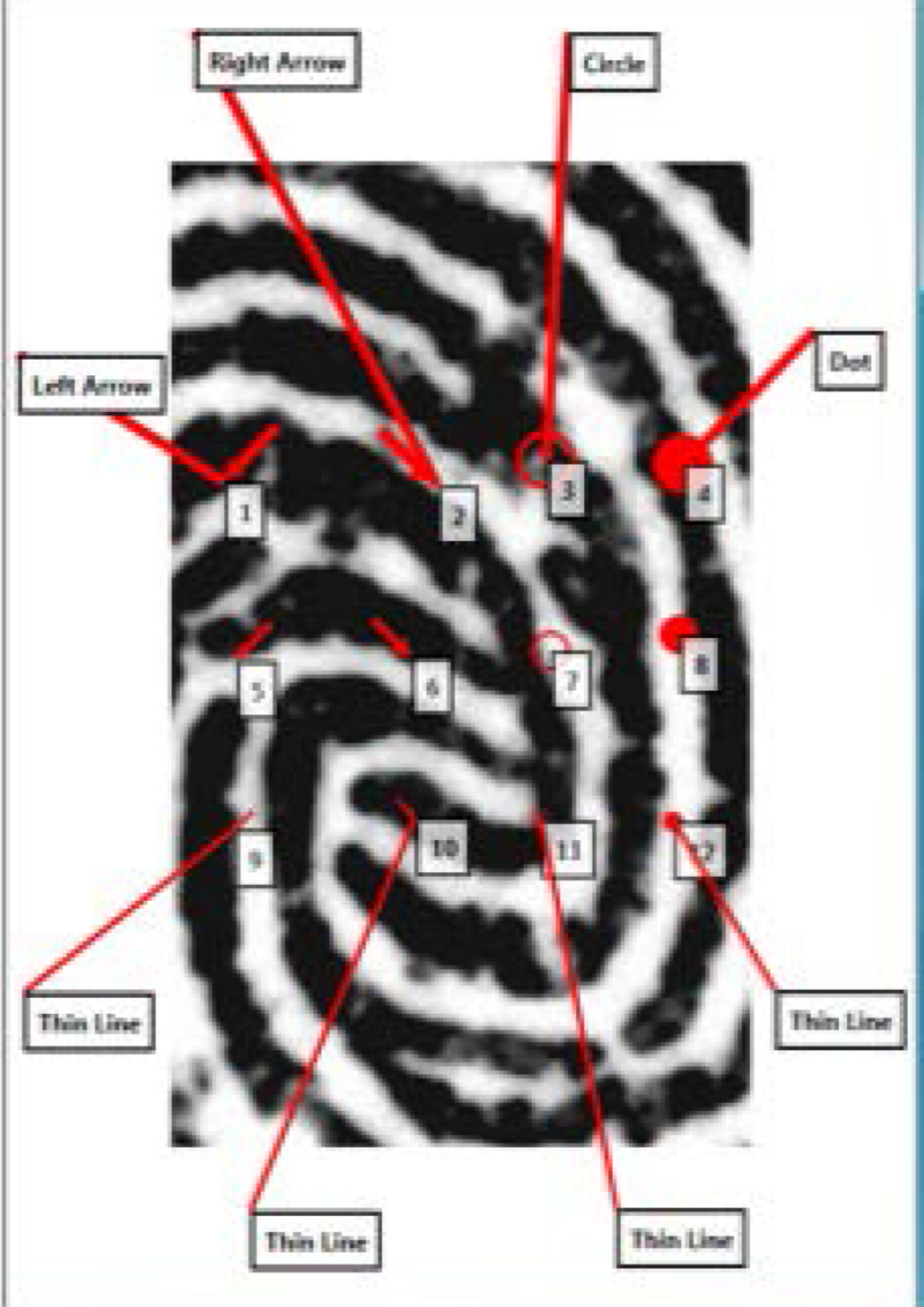
Pocketed loop



Whorl



Mixed



Prints are on the first digit and sides of

- Fingers
- Palms
- Feet
- Toes

Where are prints found





Spent
Casing

Three types of fingerprints

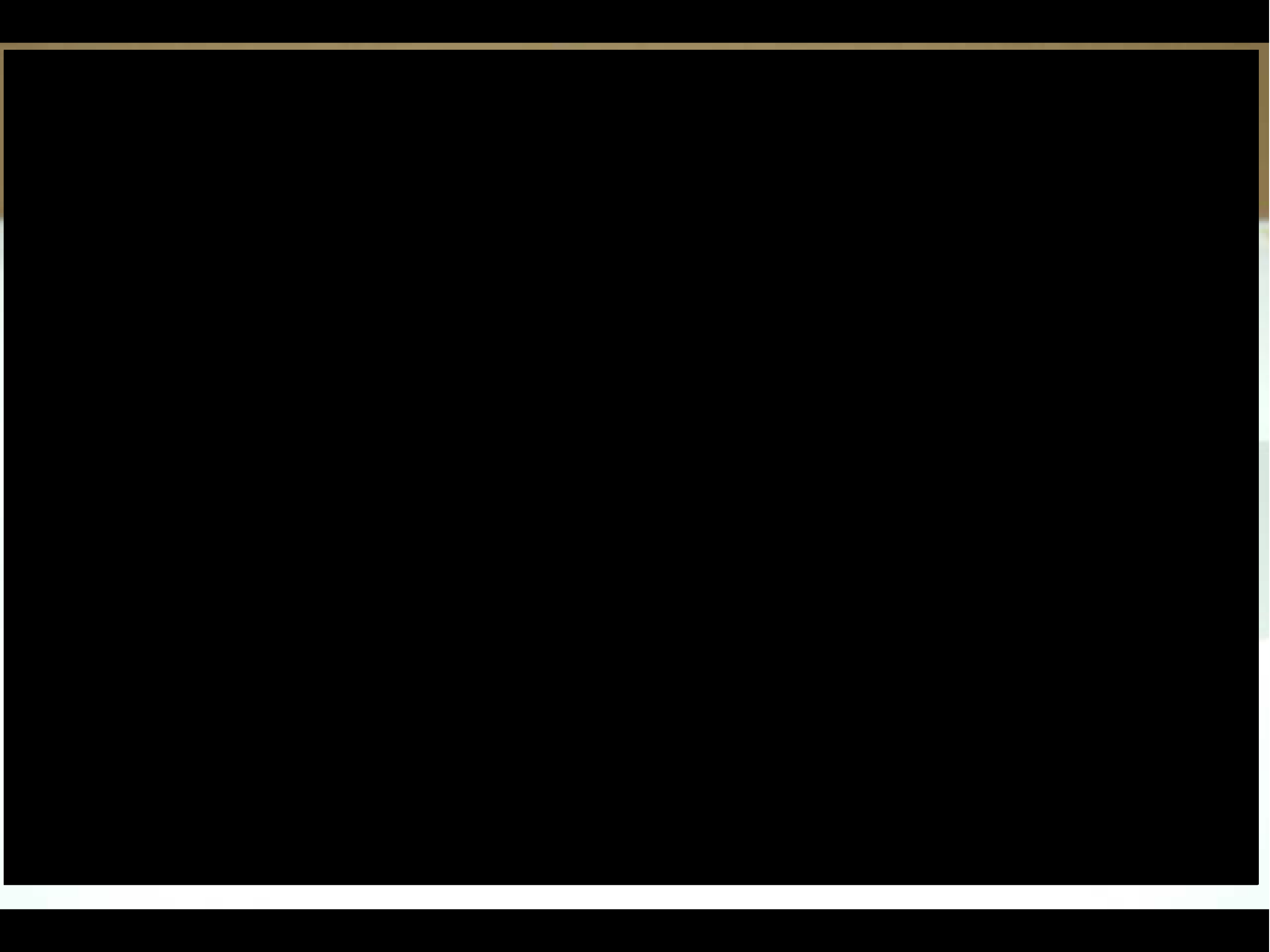
- Visible
- Plastic
- Latent

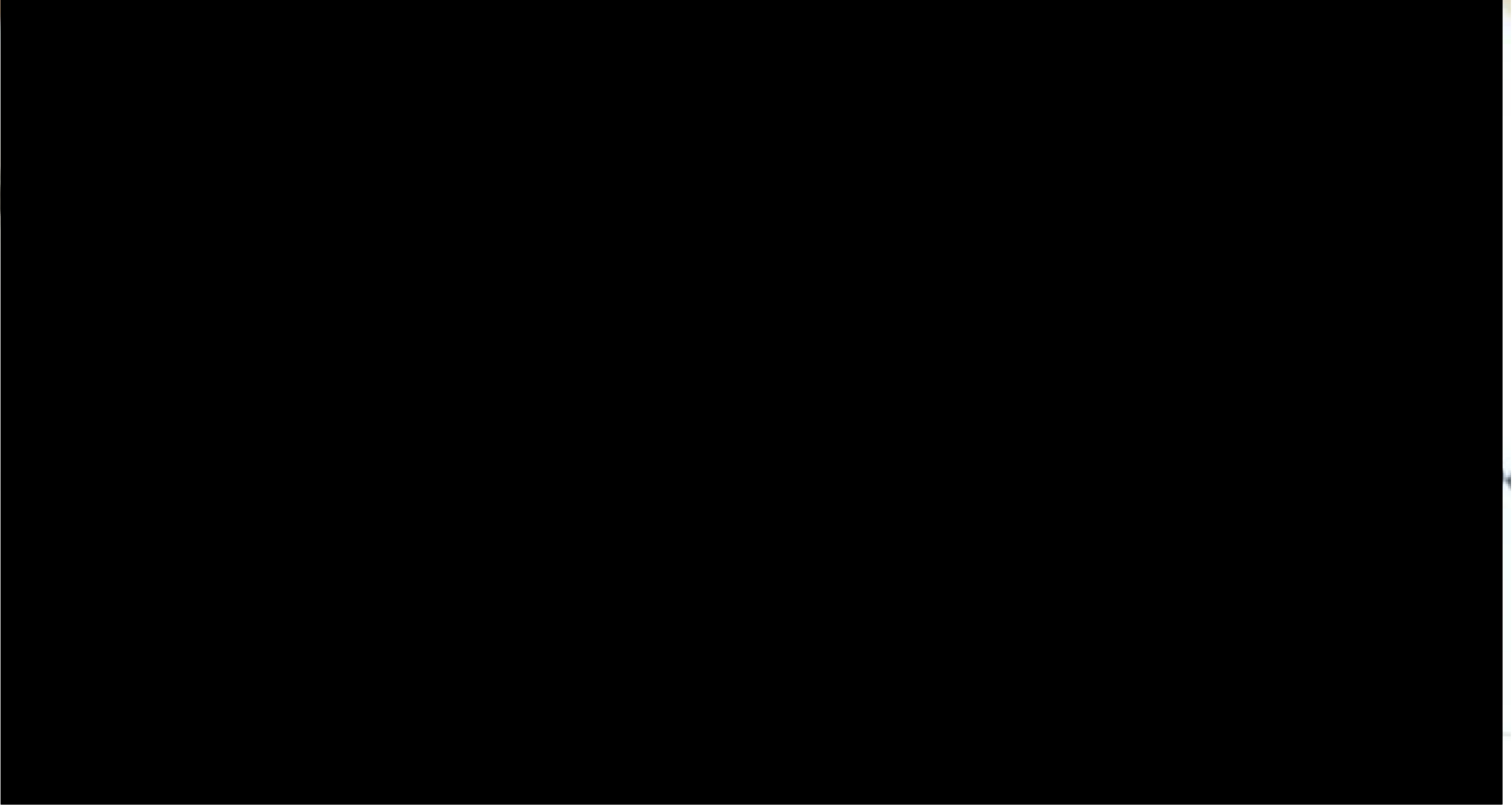
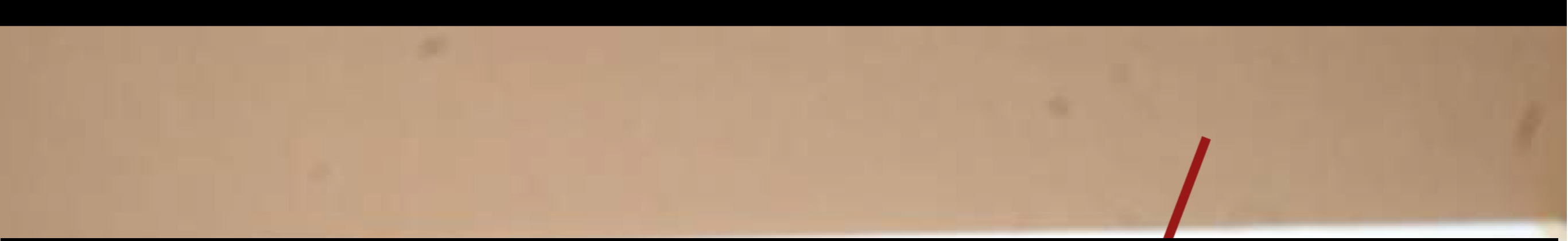
Plastic-Impression in oil or putty

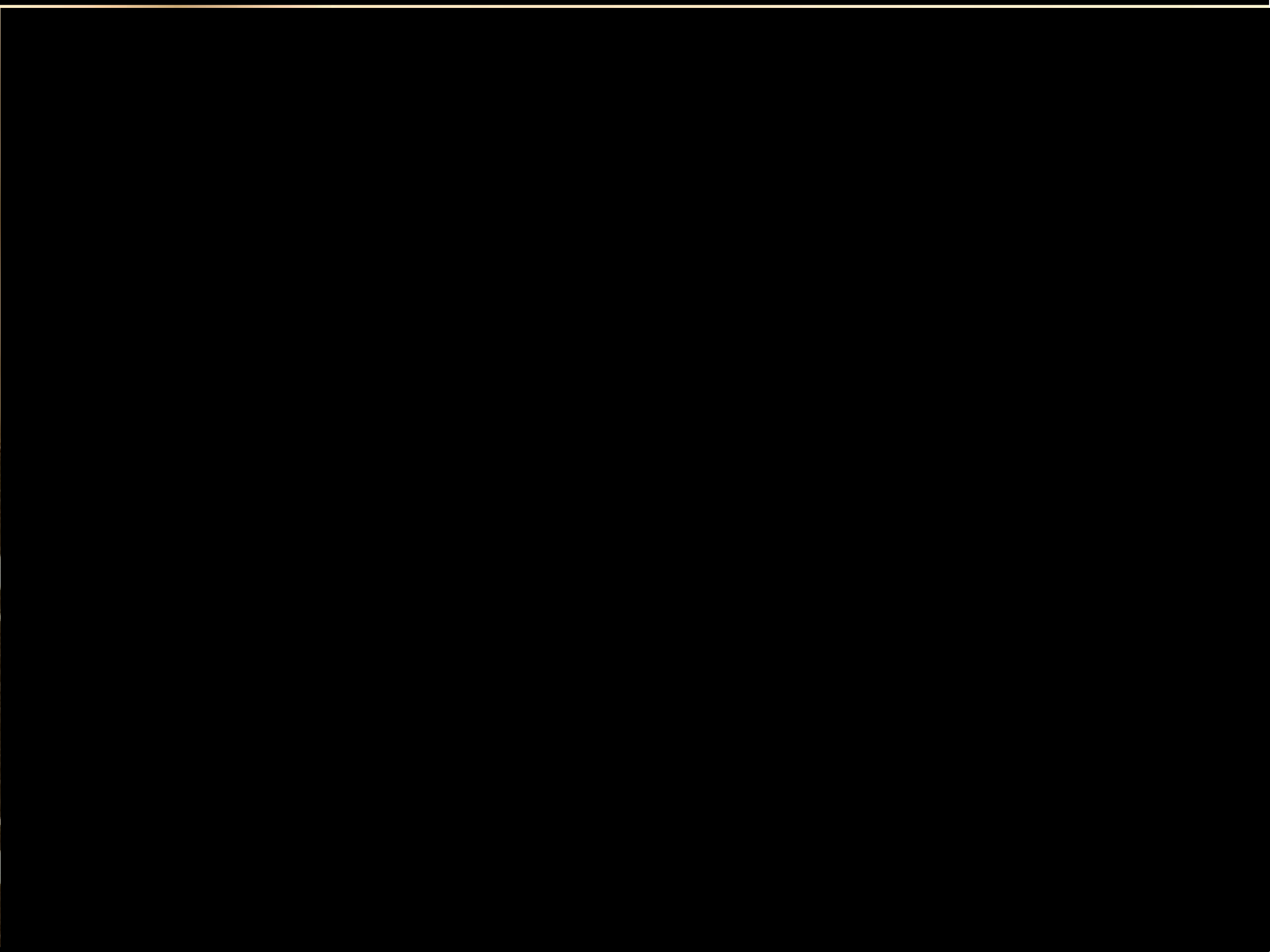




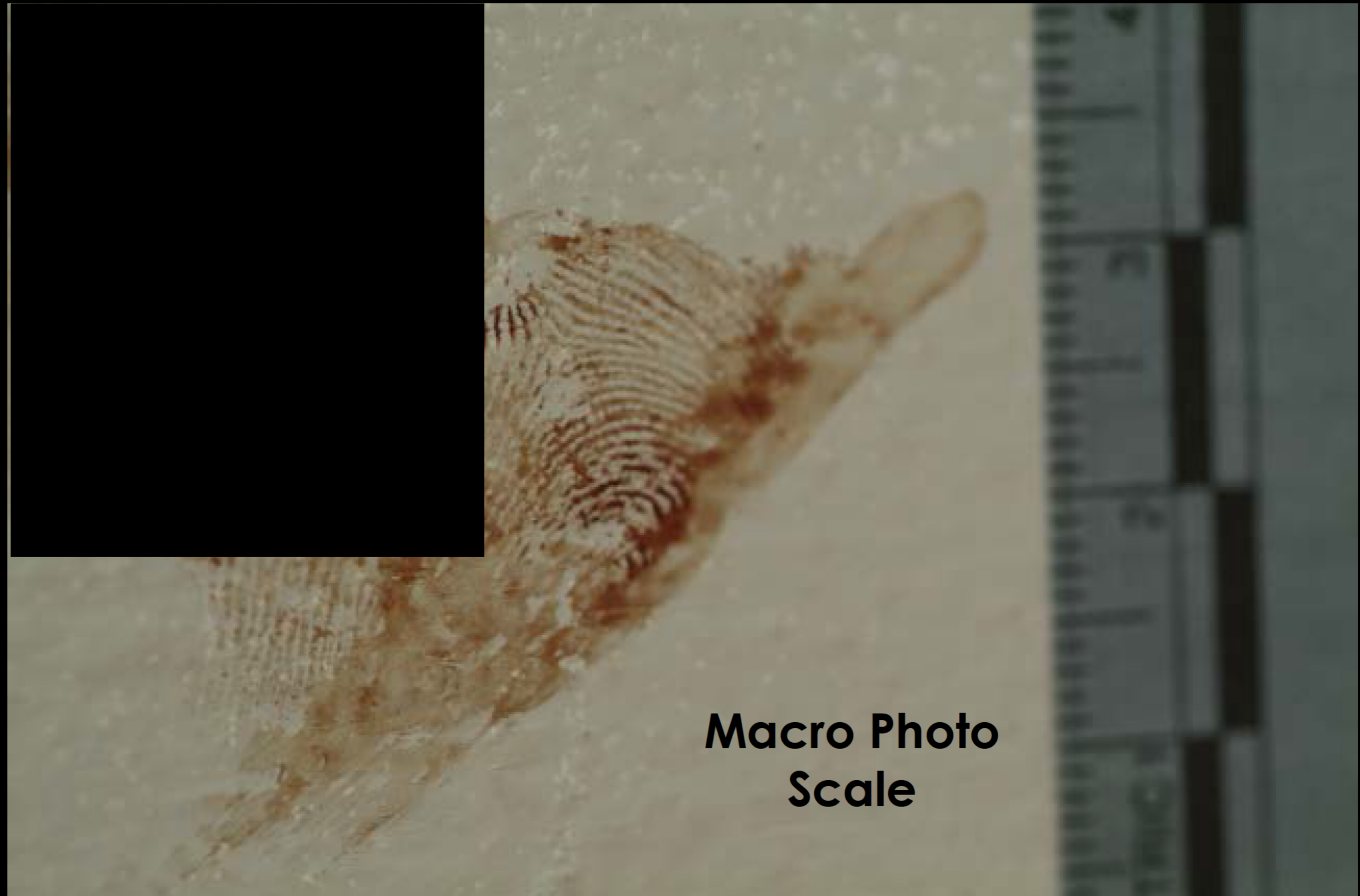
Visible in Blood
What is ridge detail?







Visible



**Macro Photo
Scale**



Latent (Invisible)– left by secretions from perspiration or oils on the skin





Porous Surface- Wood, paper, styrofoam cup

Non-Porous-counter top, glass, steel, magazine cover

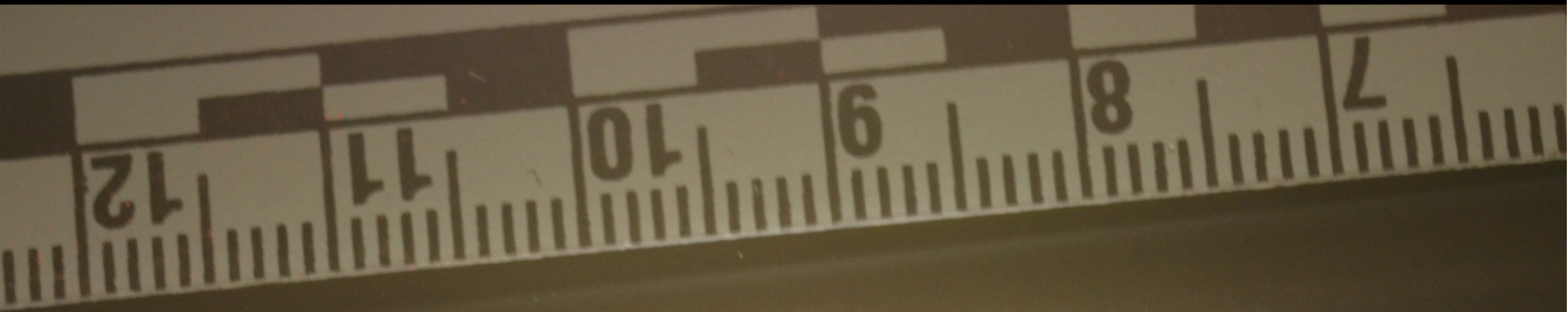
Non-porous - You can use magnetic powder



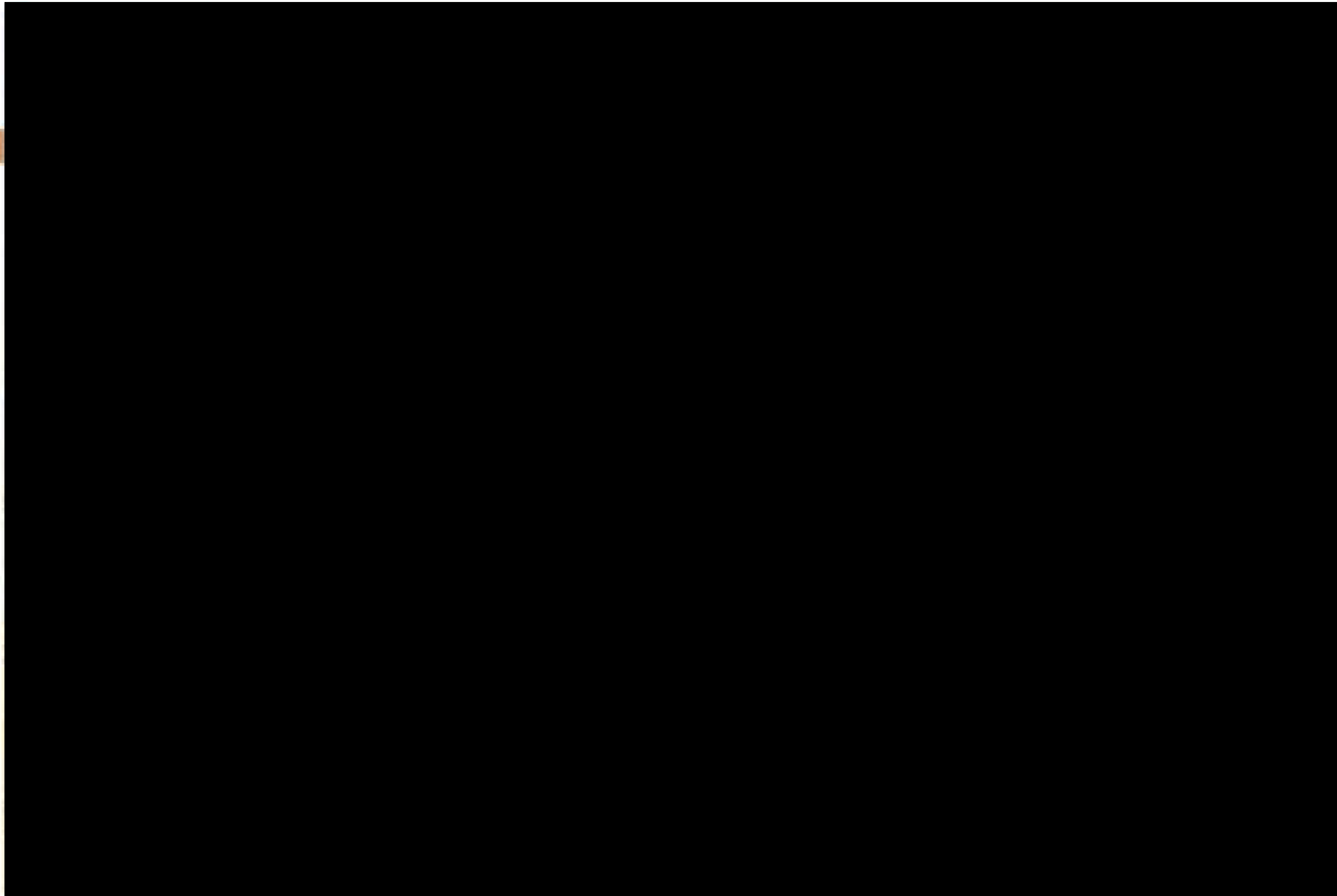
Bank Notes Bad Checks

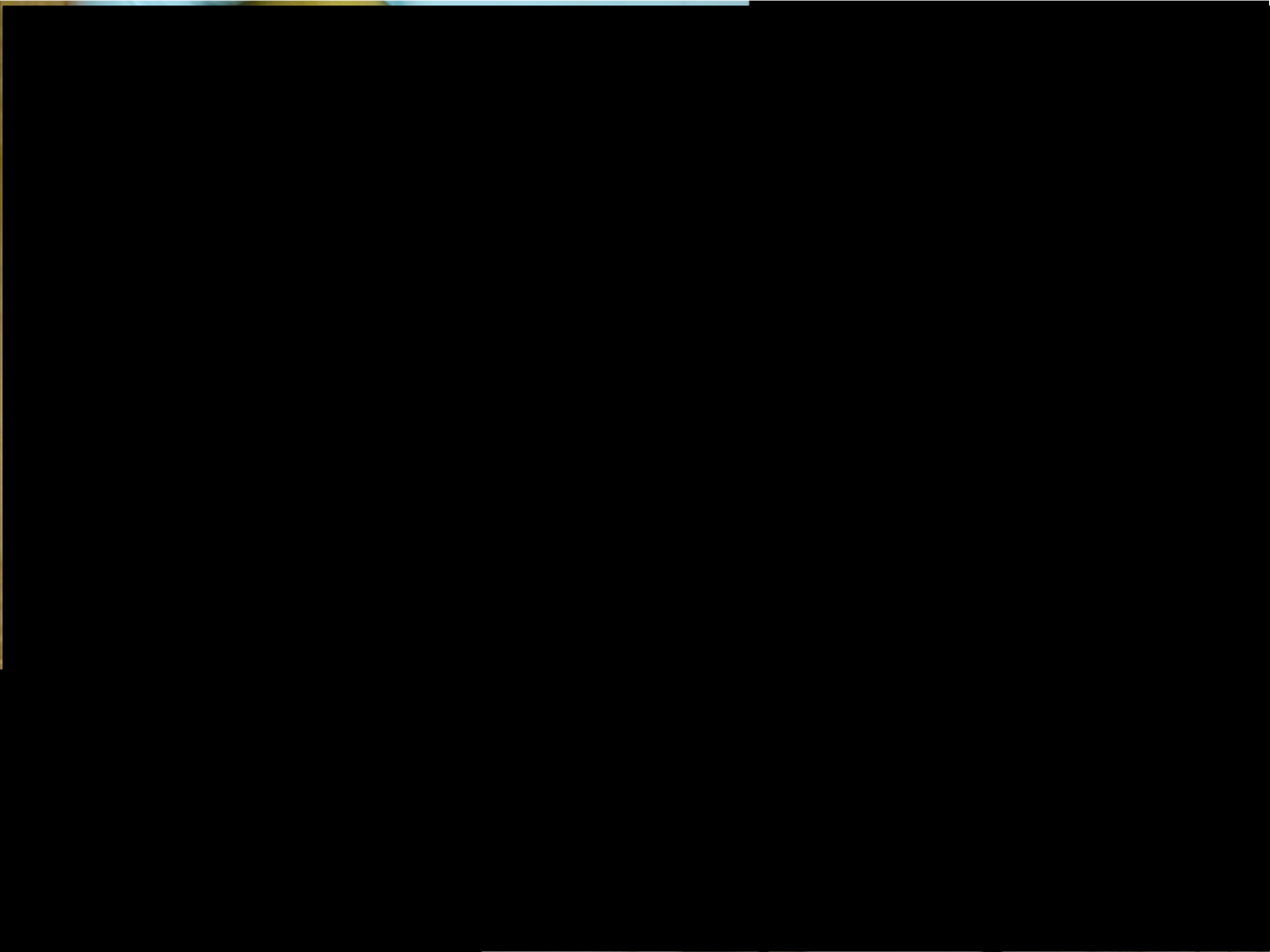




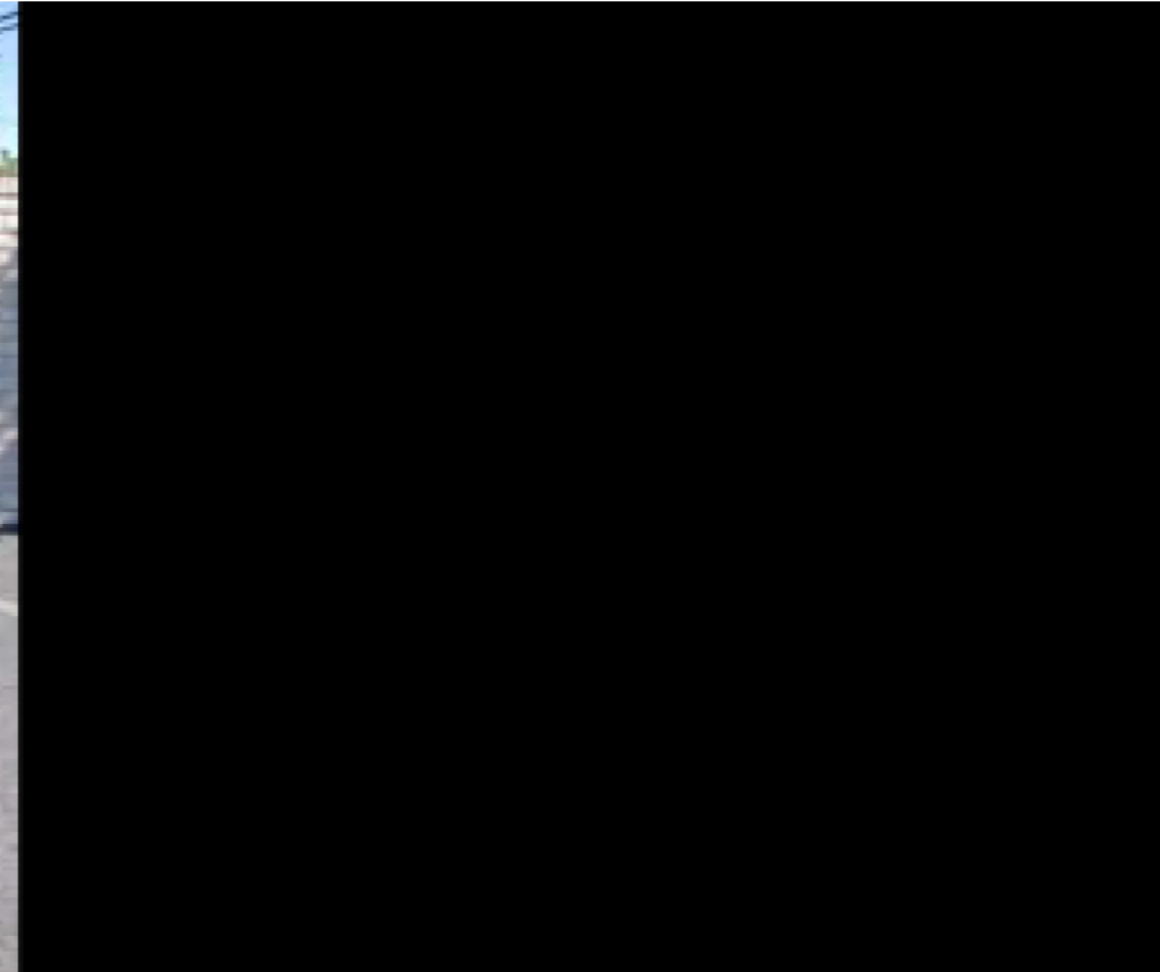


OLT®

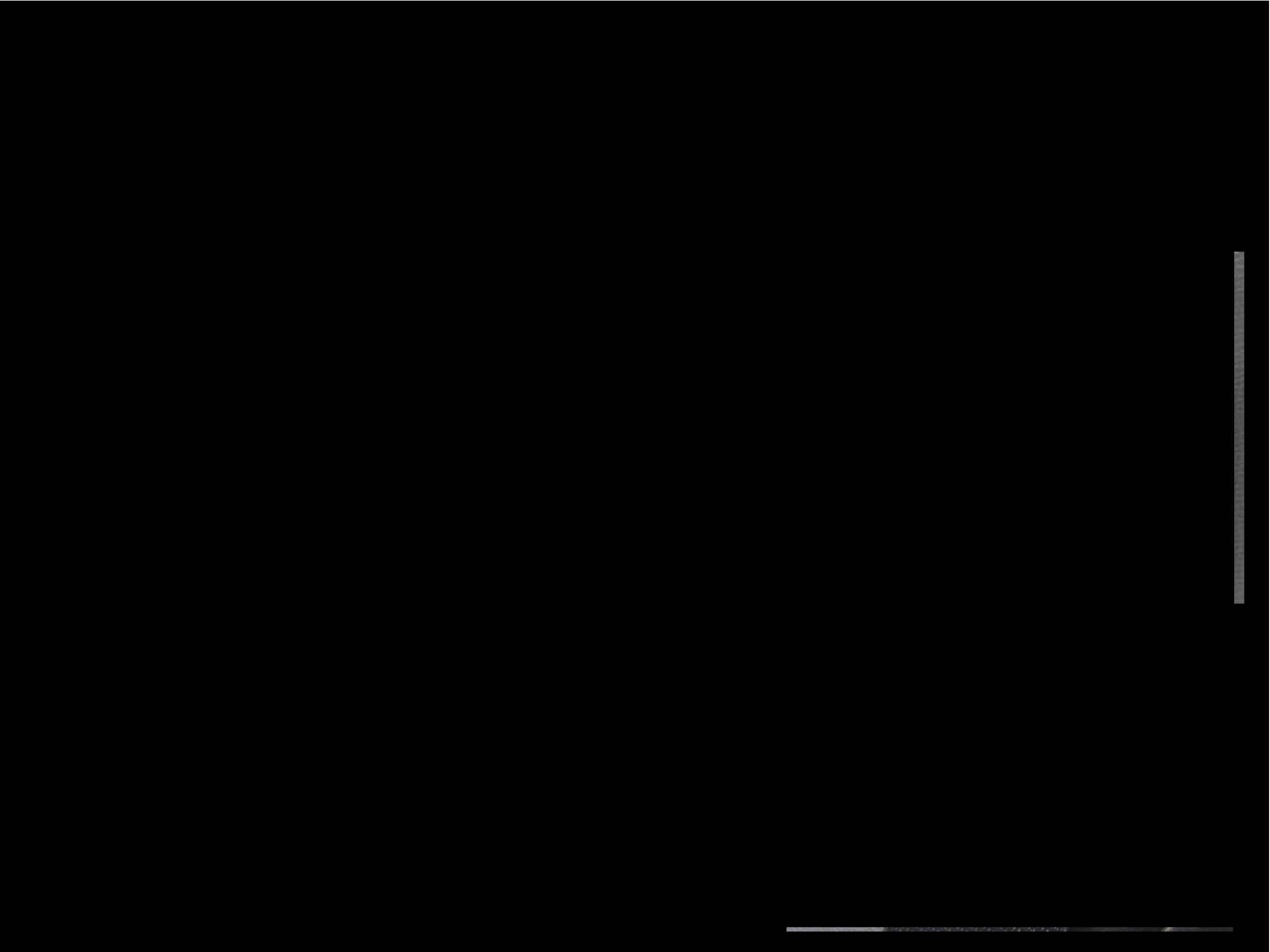








**Photograph 360 degrees
Hit and Run
Stolen Vehicle**



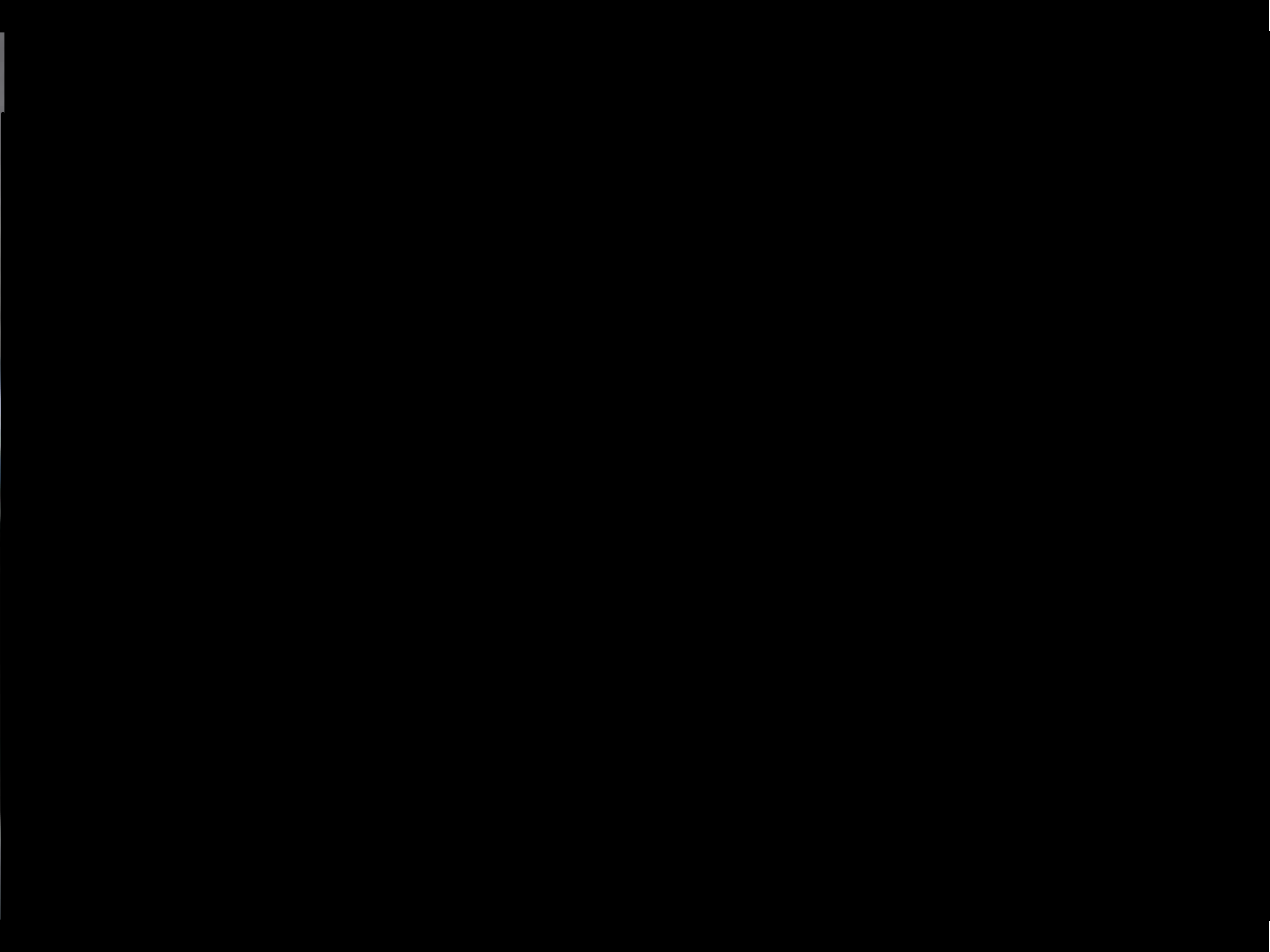


Photograph possible latent prints





Will this tool puncture the ignition?





Fingerprints







CASE # _____

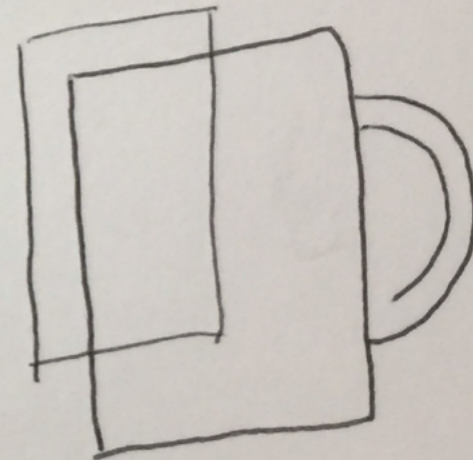
DATE: _____

OFFICER: _____

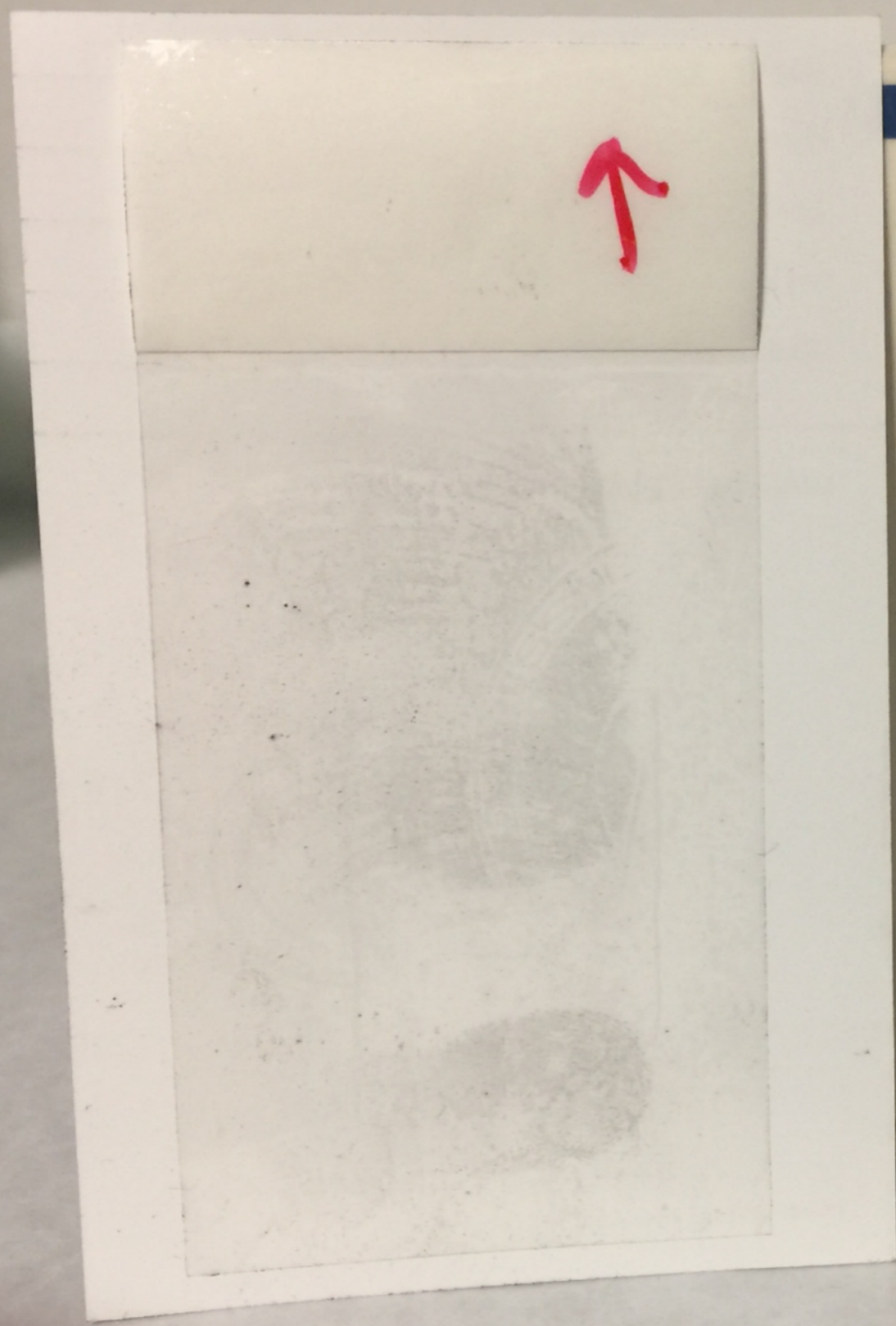
BADGE # _____

OBJECT/LOCATION CUP FACE

DIAGRAM/DESCRIPTION:



FORM 200-10E (Rev. 4/86)



CASE # _____

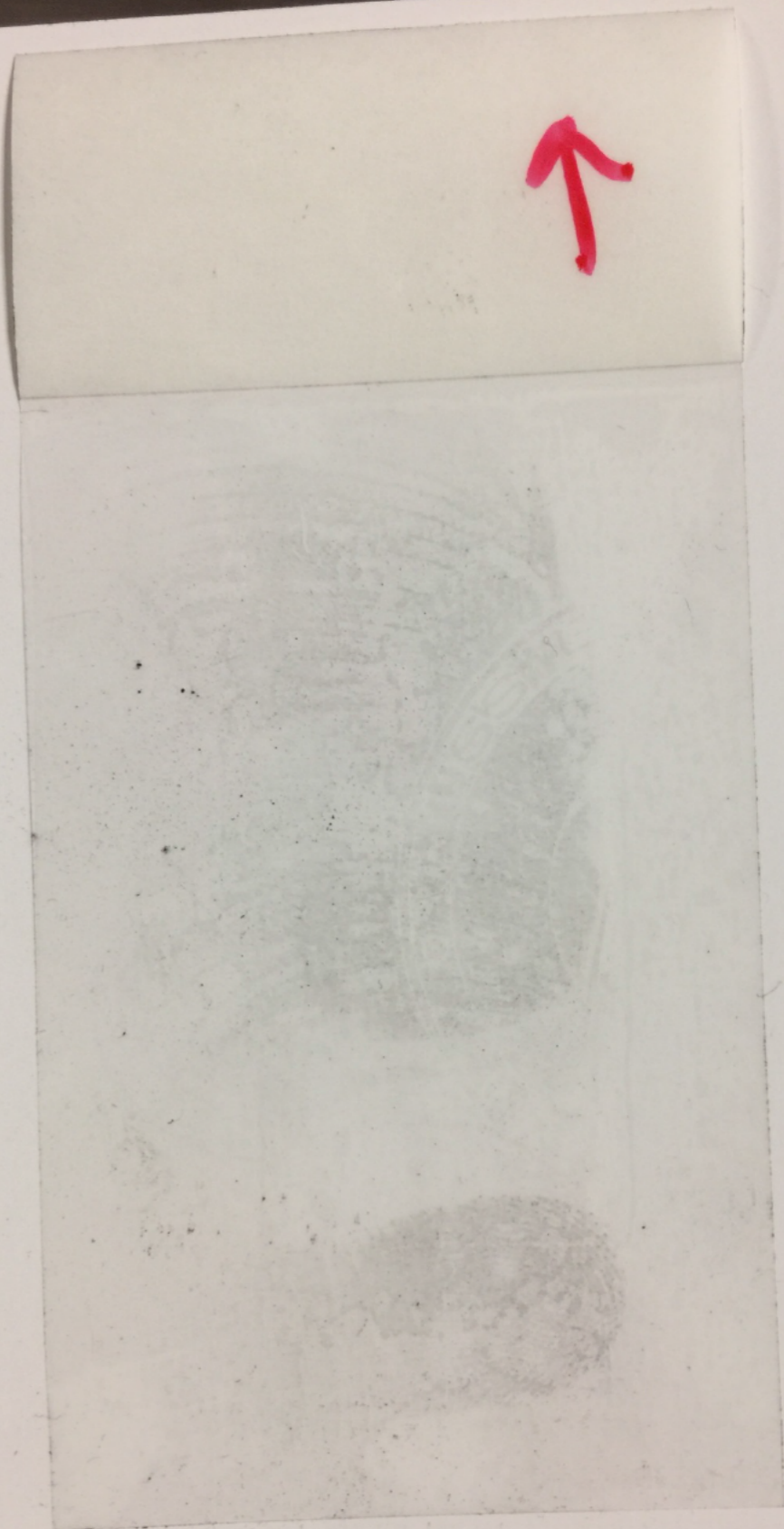
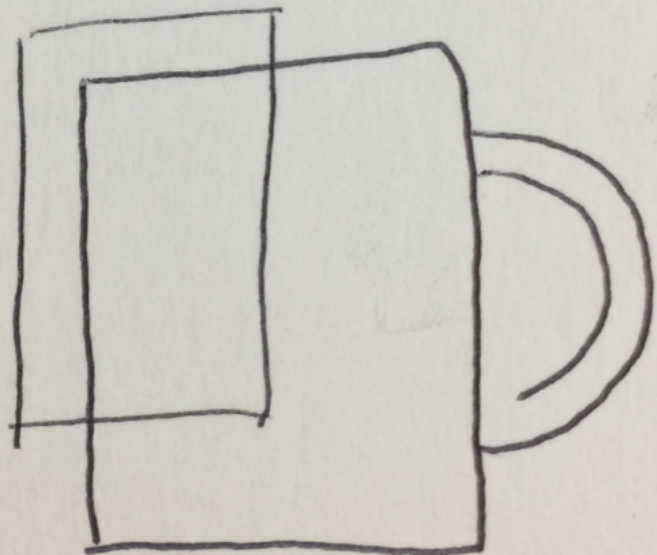
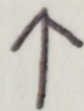
DATE: _____

OFFICER: _____

BADGE # _____

OBJECT/LOCATION CUP FACE

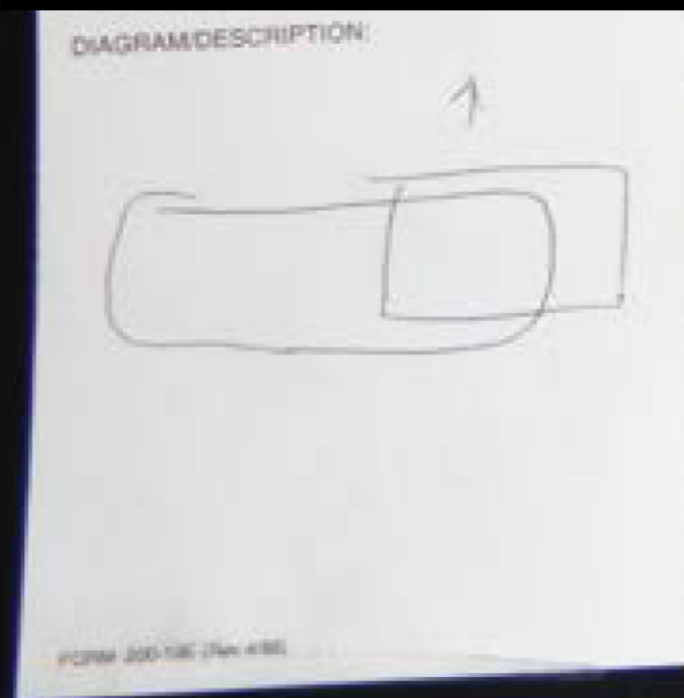
DIAGRAM/DESCRIPTION:





Driver's Door





Print Card Drawings and directional Arrow
indicating UP.
Arrow indicates up on print side