

Appendix: Photos of Scored Coupons

Isabella Buscarino 3/7/2018

This photo library shows photos of scored copper coupons that were aged 28 days in the Met’s current Oddy test system (Method: 20171116_OT). This method involves the hanging of coupons from laser sintered nylon holders. The coupons are unfolded and flattened for scoring and photographing. Photographs of the coupons are taken separately with two different light sources—one is a diffuse lighting meant to distinguish colors and the other is a glancing angle light source meant to pick-up on surface textures. The light source techniques are abbreviated as “Si” for diffuse light and “GA” for glancing angle light. See table below for a key. “GA” photos are only displayed if they show more detail than “Si” photos. Coupon photos are labelled with the abbreviation of the light source that was used to capture the photo. If a glancing-angle-photo appears, it is shown next to its corresponding diffuse-lighting-photo.

Photo Lighting Set-up Abbreviation Key	
Si	Diffuse lighting meant to distinguish colors.
GA	Glancing angle light meant to pick-up on surface textures.

The following ratings are used to assess non-control coupons:

“Permanent” rating: The material tested may be used indefinitely in the presence of art.

- Coupons look similar to the controls.

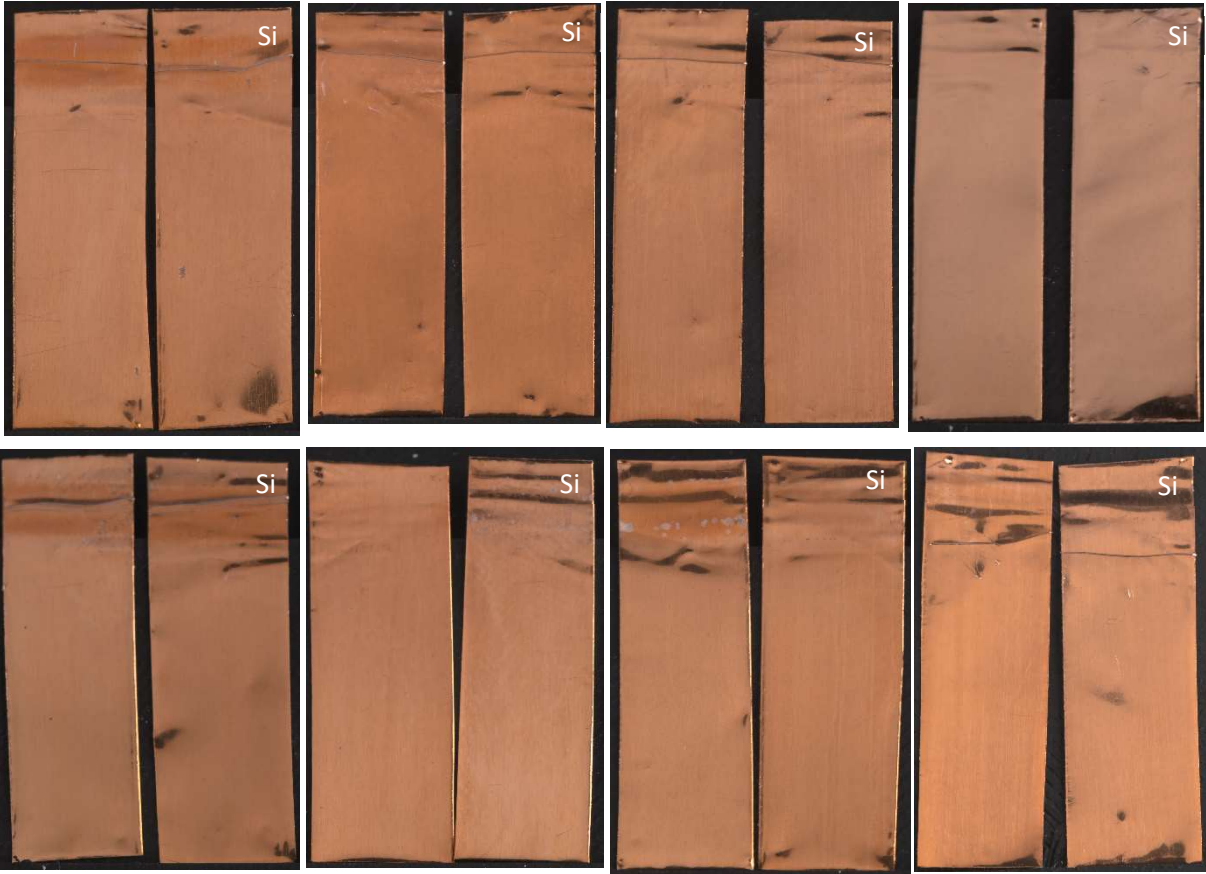
“Temporary” rating: The material is safe for use near but not in contact with art for up to six months.

- Copper: slight reddening, yellowing, or rainbow-like color change, formation of up to 20 black spots

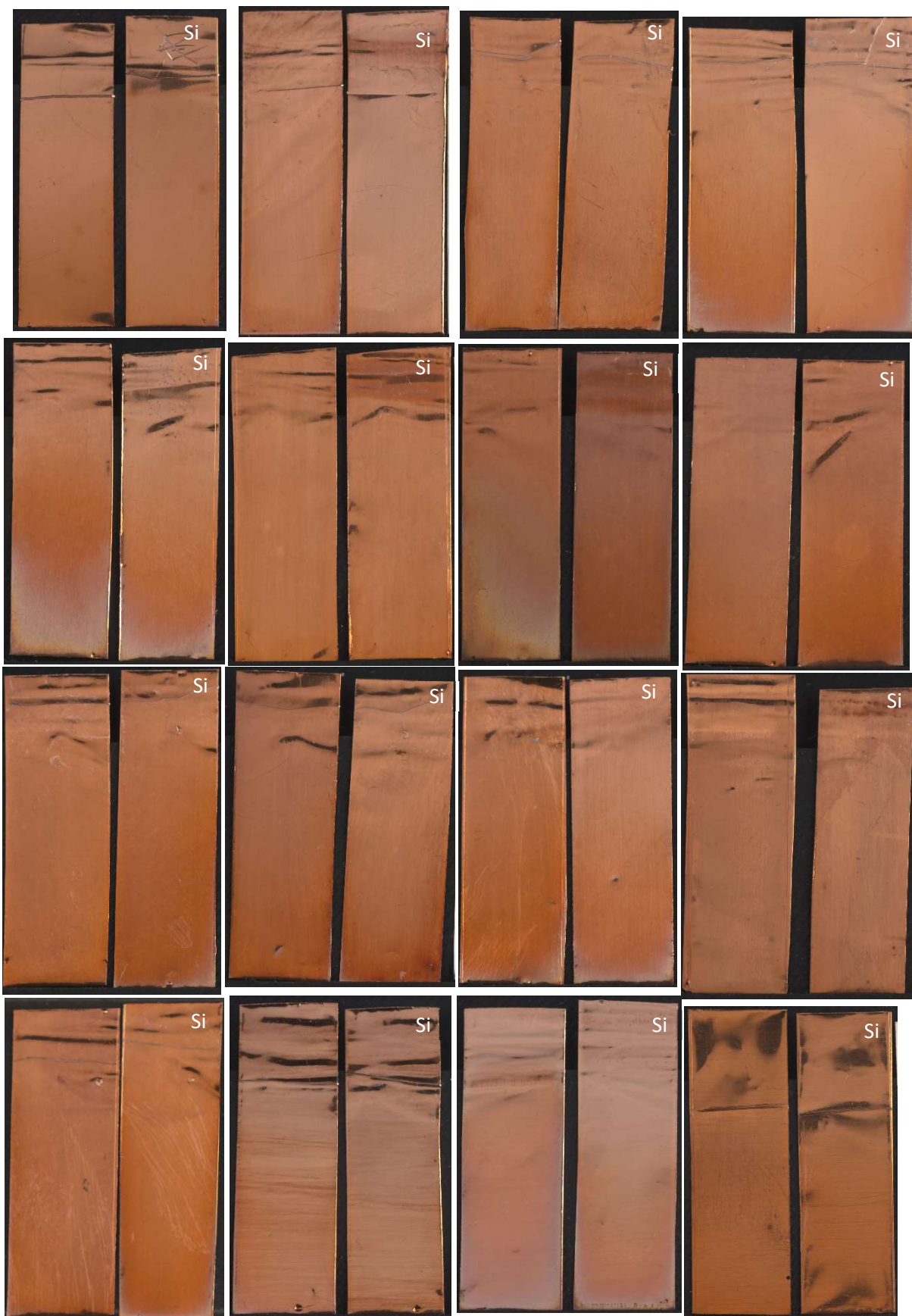
“Unsuitable” rating: The material should not be used in contact with or near art and another material should be found.

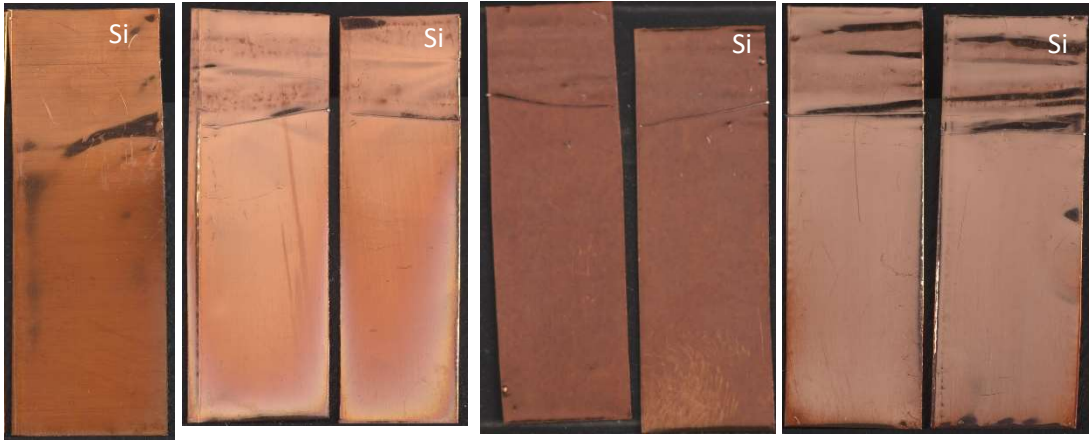
- Copper: severe blackening or severe reddening or matte-textured surface.

Permanent

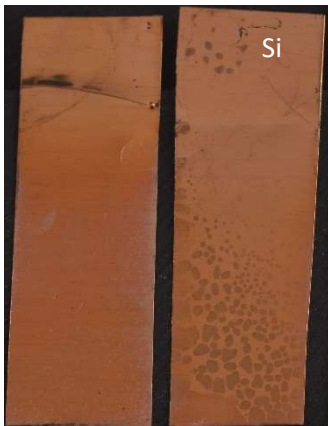
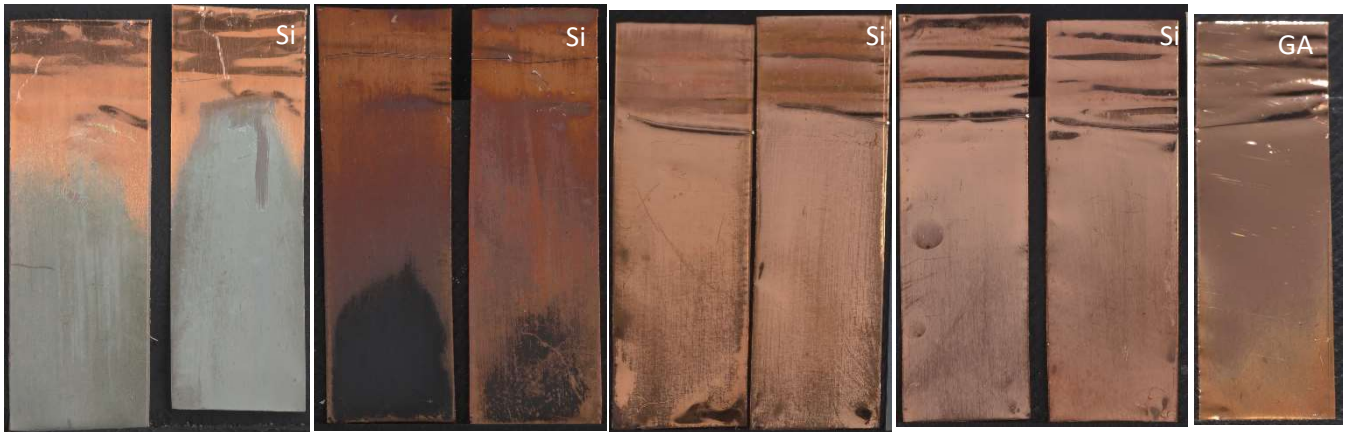


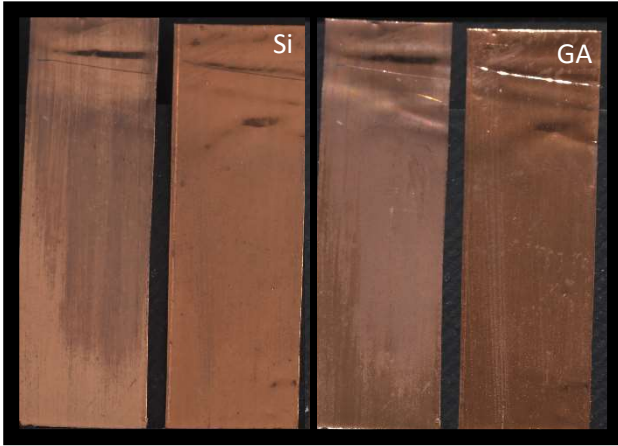
Temporary





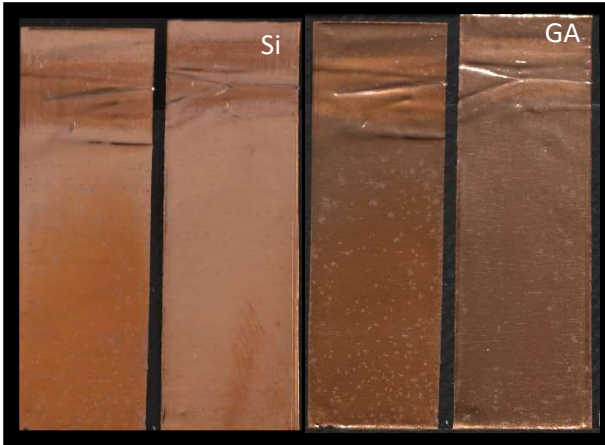
Unsuitable





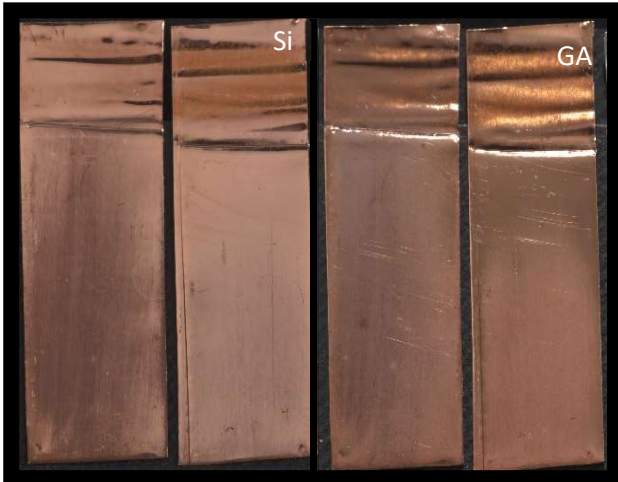
Left: a set of coupons taken with diffuse lighting.

Right: the same set of coupons taken with glancing-angle lighting.



Left: a set of coupons taken with diffuse lighting.

Right: the same set of coupons taken with glancing-angle lighting.



Left: a set of coupons taken with diffuse lighting.

Right: the same set of coupons taken with glancing-angle lighting.