

This document was created as an introduction to glaze color development with common raw oxides and carbonates. All of the colorants were tested in the same $\Delta 10$ gloss glaze base. Though the coloring effect may differ depending on which base glaze you choose, these results will be a good reference for the potency of the various colorants available.

Each step from left to right shows an increase of colorant by 1% (left to right : 1-10%).

Clear Gloss Base

Minspar 200	44.2%
Silica	21.6
Whiting	18.3
Barium	5.8
EPK	10.1

The enclosed data was compiled by the Grinding Room staff at Alfred University.

2017

OPACIFIERS

Tin Oxide

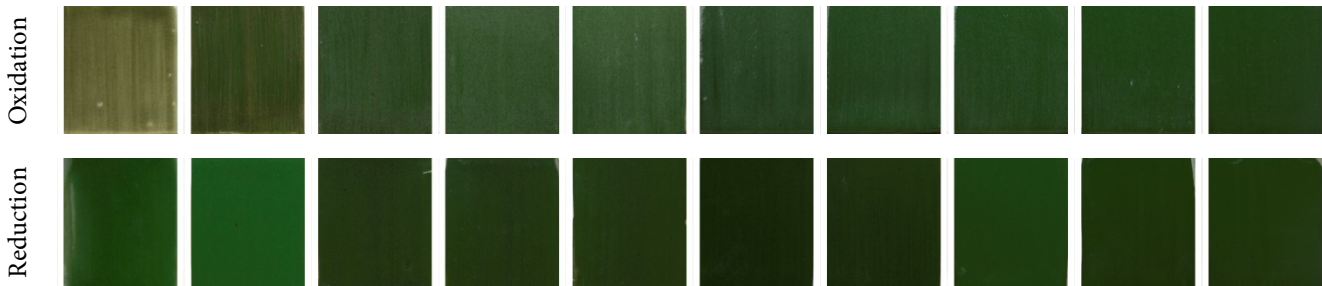


Zircopax

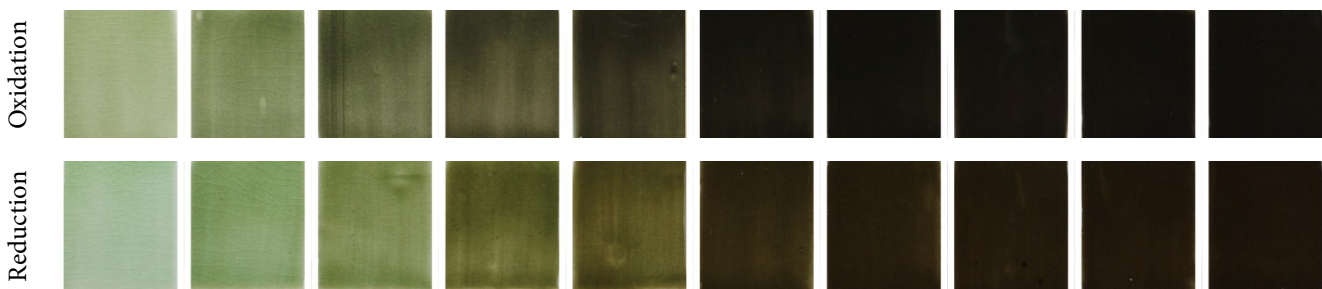


CHROME SOURCES

Chrome Oxide

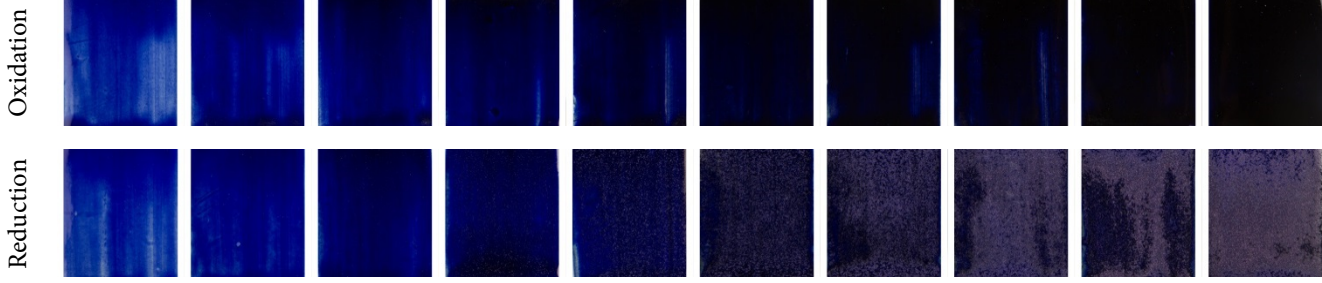


Iron Chromate

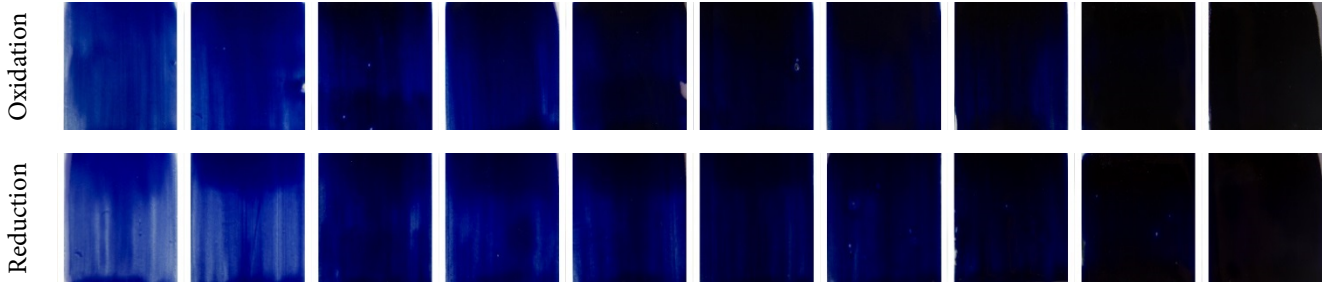


COBALT SOURCES

Cobalt Oxide Black

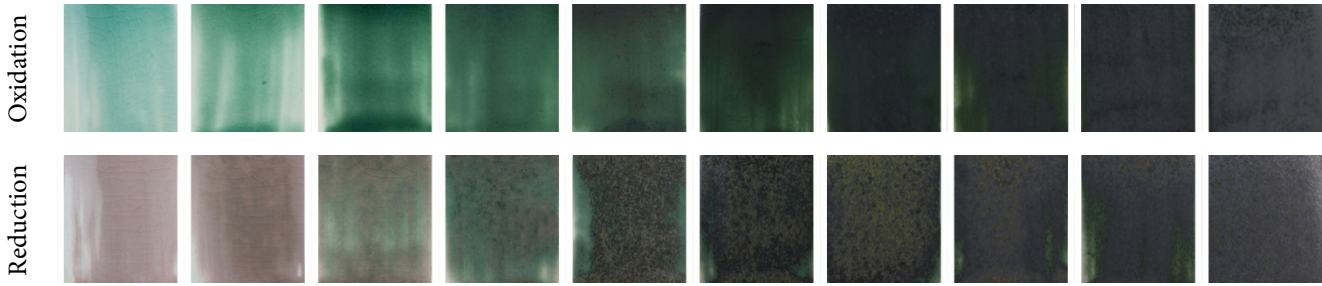


Cobalt Carbonate

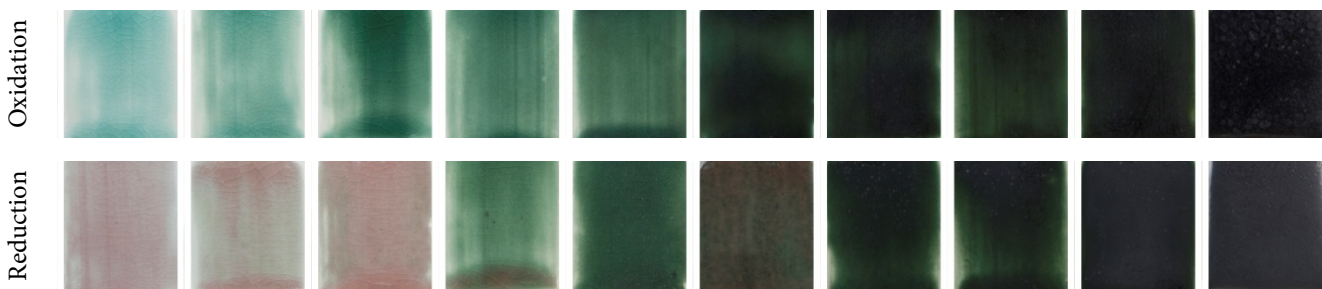


COPPER SOURCES

Copper Oxide Black

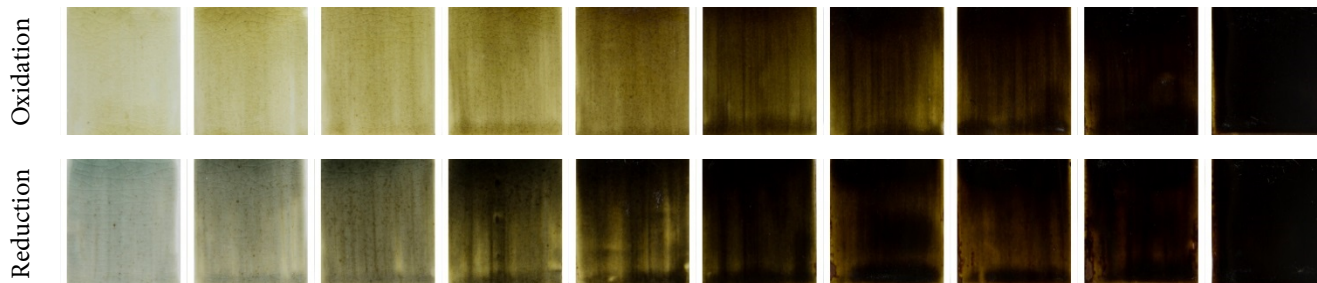


Copper Carbonate

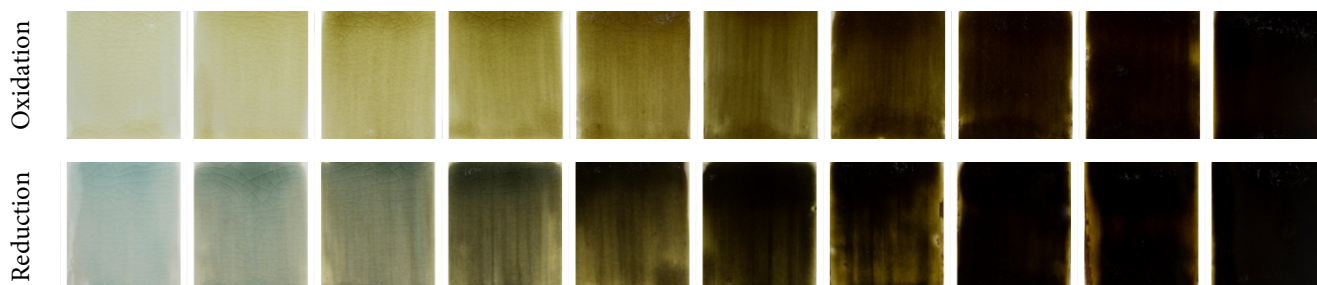


IRON SOURCES

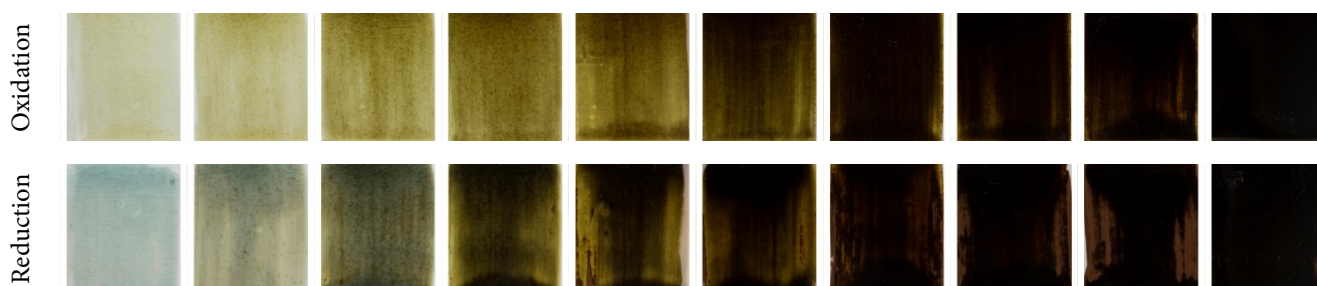
Black Iron Oxide



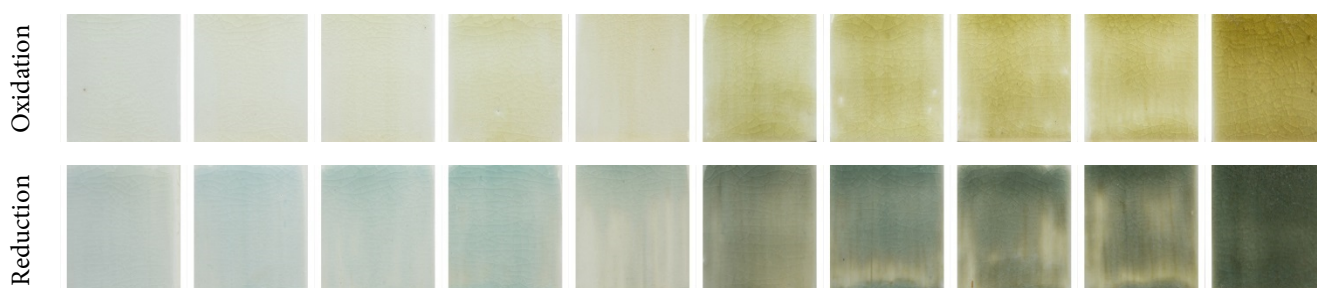
Red Iron Oxide (Spanish)



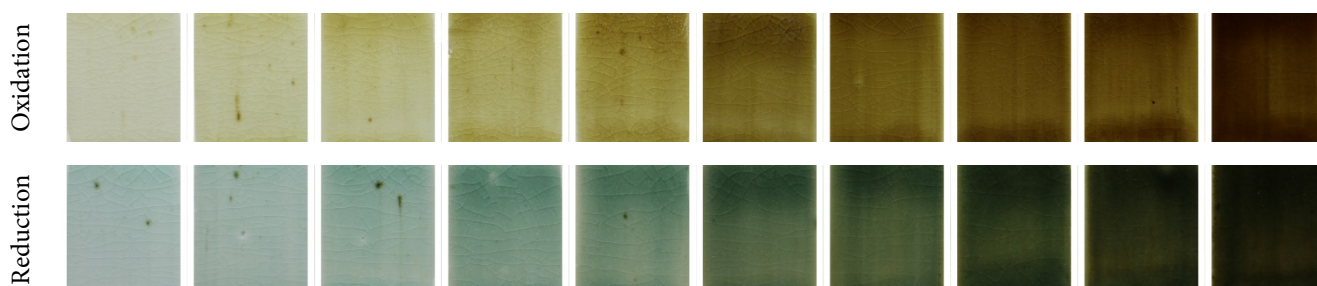
Crocus Martis



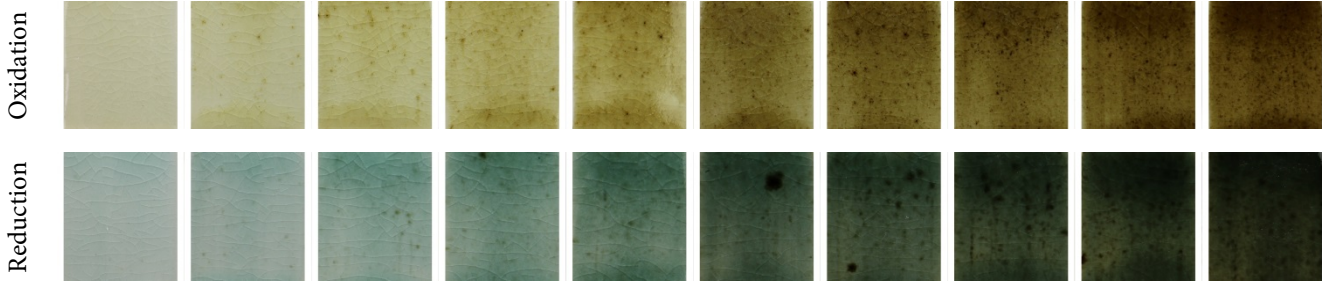
Yellow Iron Oxide



Burnt Umber

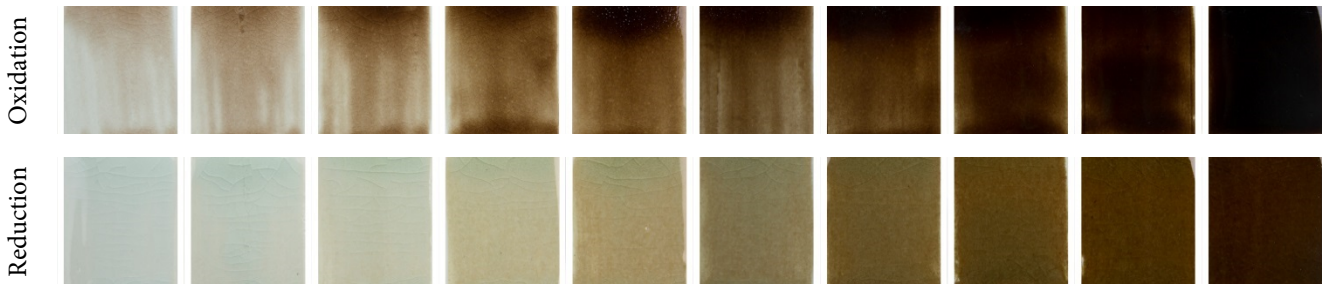


Yellow Ochre

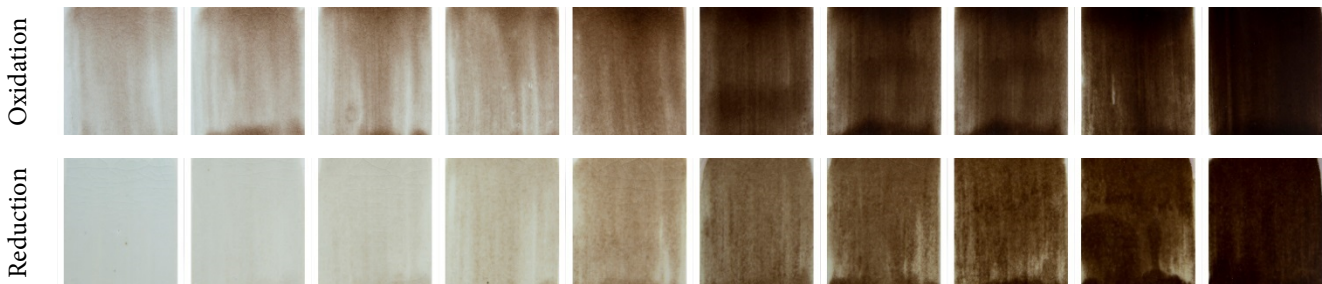


MANGANESE SOURCES

Manganese Dioxide

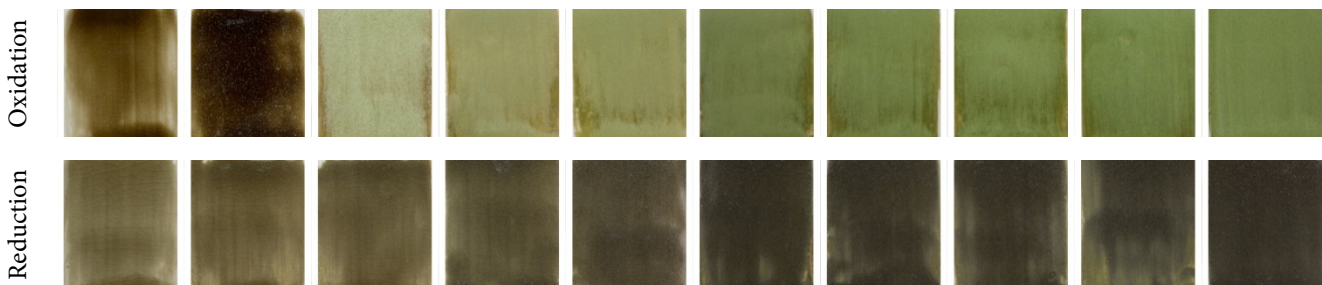


Manganese Carbonate

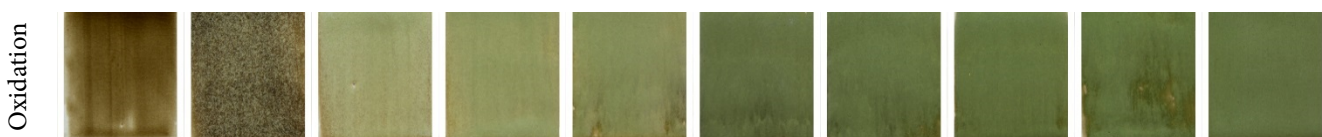


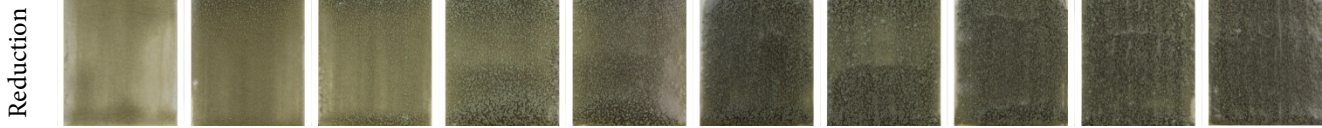
NICKEL SOURCES

Nickel Oxide Green

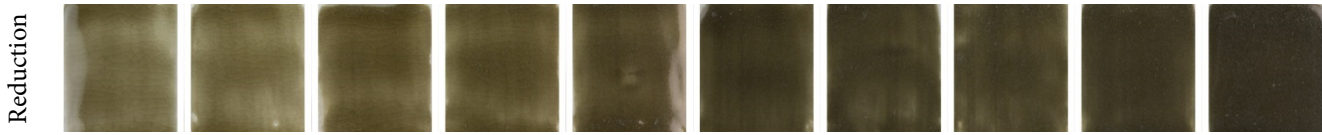
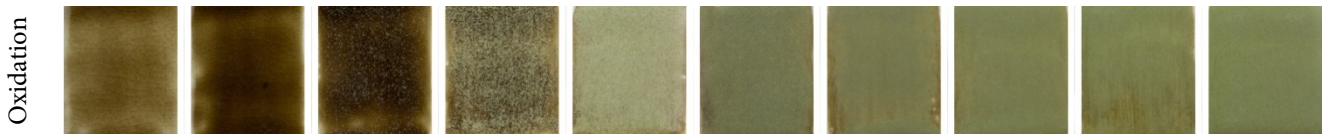


Nickel Oxide Black





Nickel Carbonate

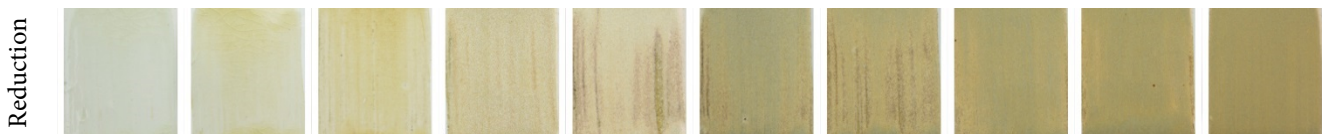


TITANIUM SOURCES

Titanium



Rutile Oxide



Ilmenite

