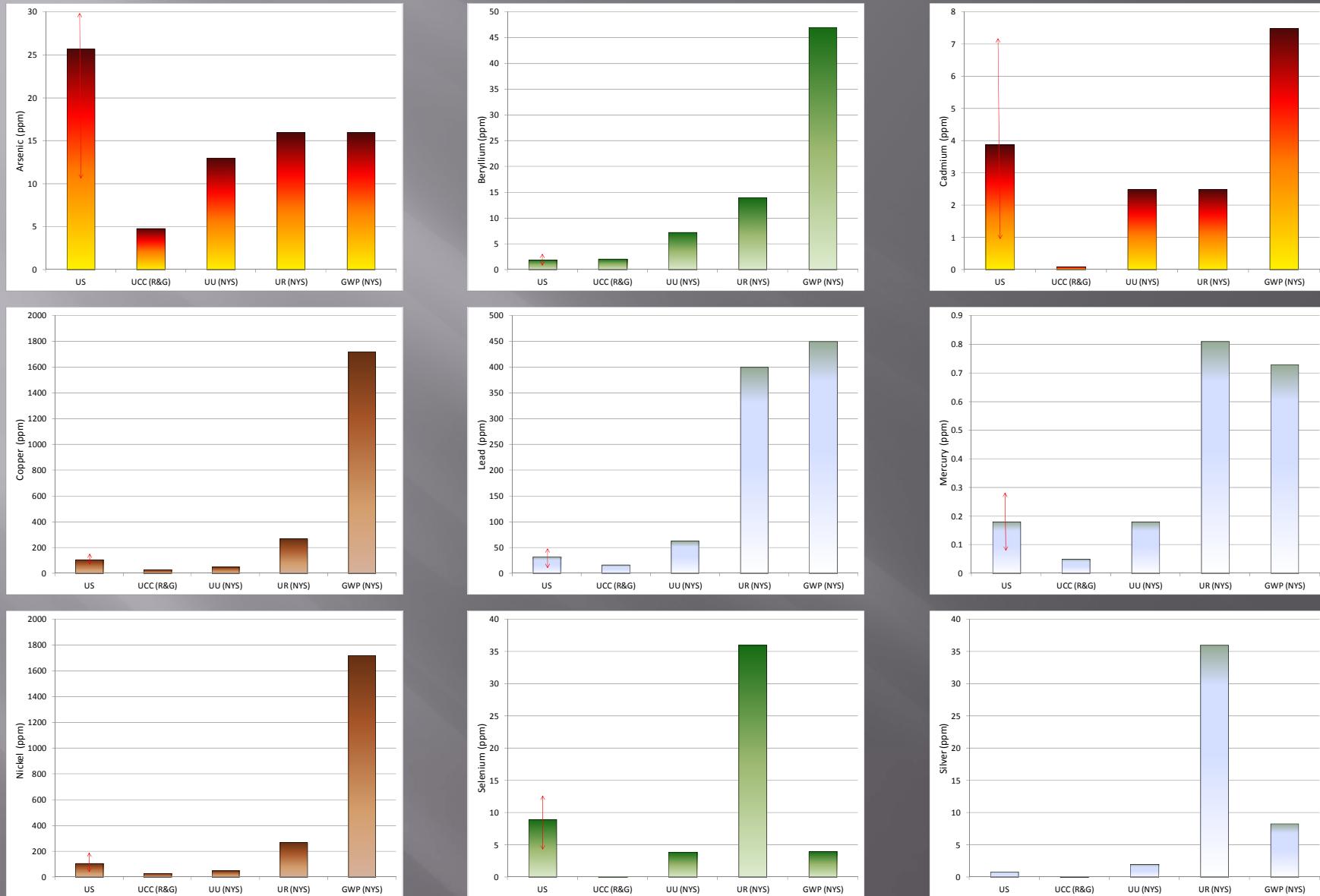


# J. Chiarenzelli – Geochemistry and Texture of Argillaceous Hydrocarbon Source Rocks



Comparison of Union Springs Member of the Marcellus Shale trace metal concentrations with Upper Continental Crust and New York State soil regulations for unrestricted use (UU), unrestricted residential (UR), and groundwater protection (GWP)