

Figure 1: Homogenous Model from Initial Code, head contours at every 0.5 m change in head.

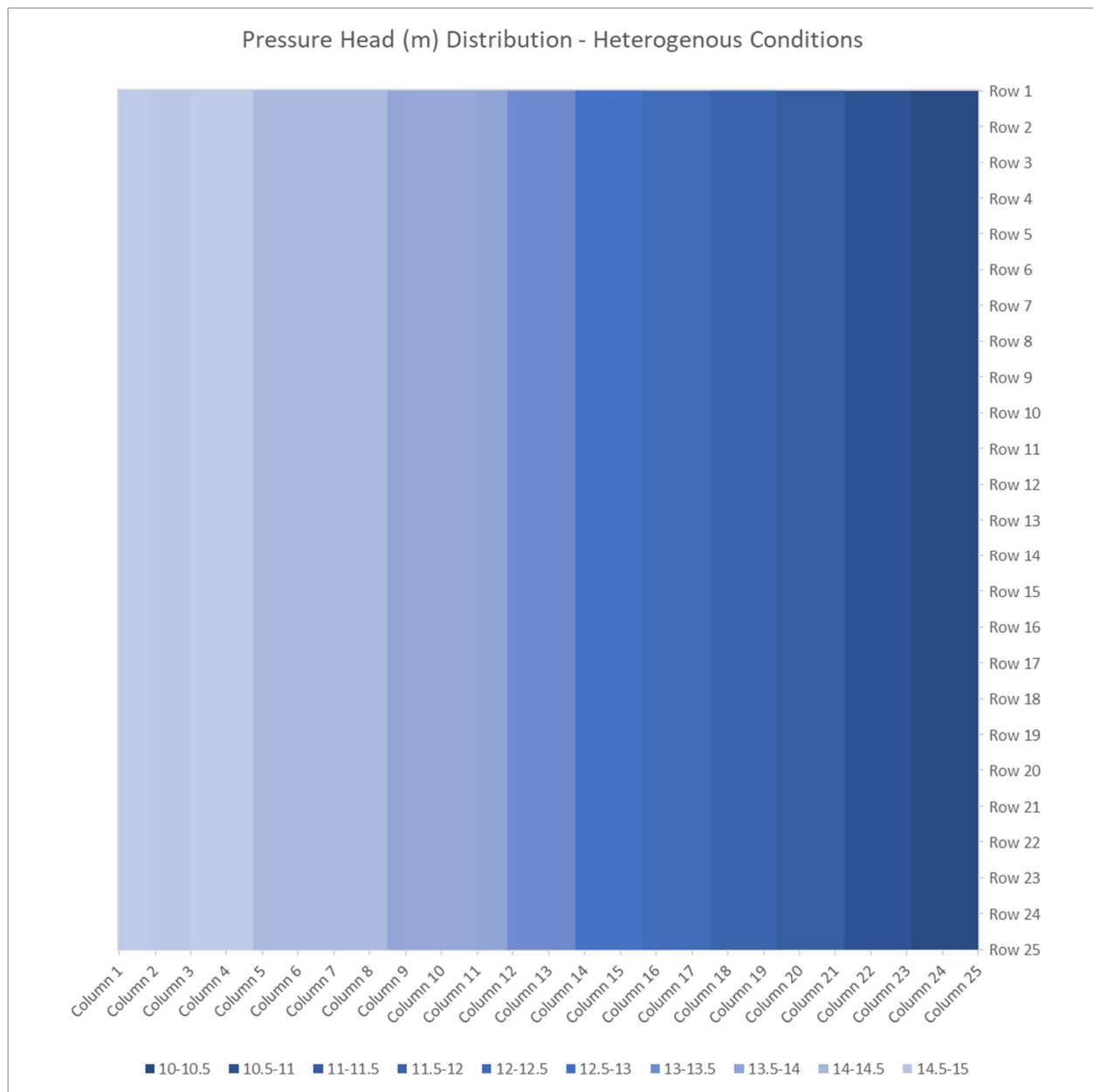


Figure 2: Heterogenous Model head contour graph, with the first 11 columns (left side) having a K of 1 m/d, and the remaining columns (12-25) having a K of 0.5 m/d. Darker shades of blue indicate a lower head value (Excel unfortunately does not have cool colormaps like the Python matplotlib module).

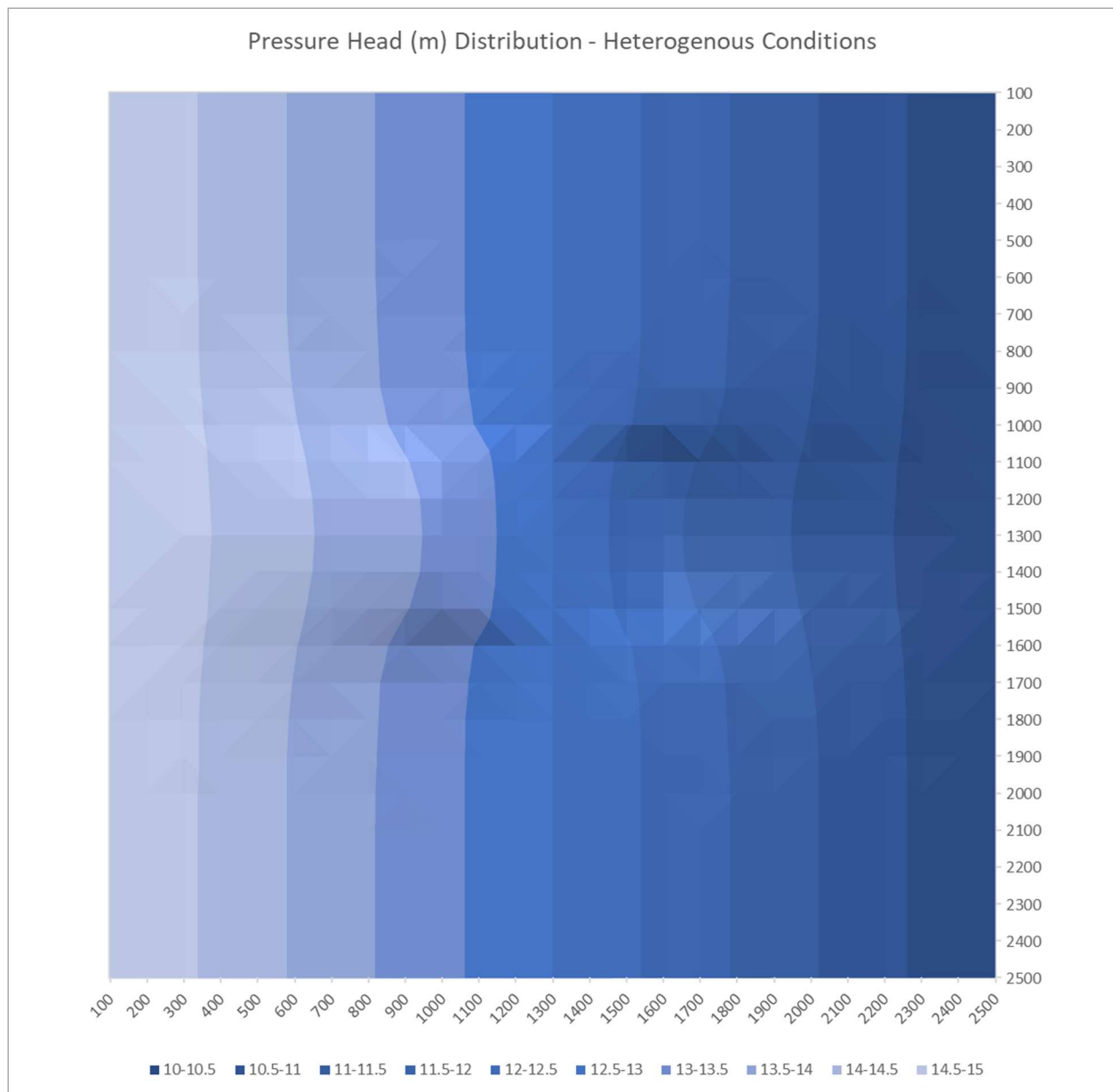
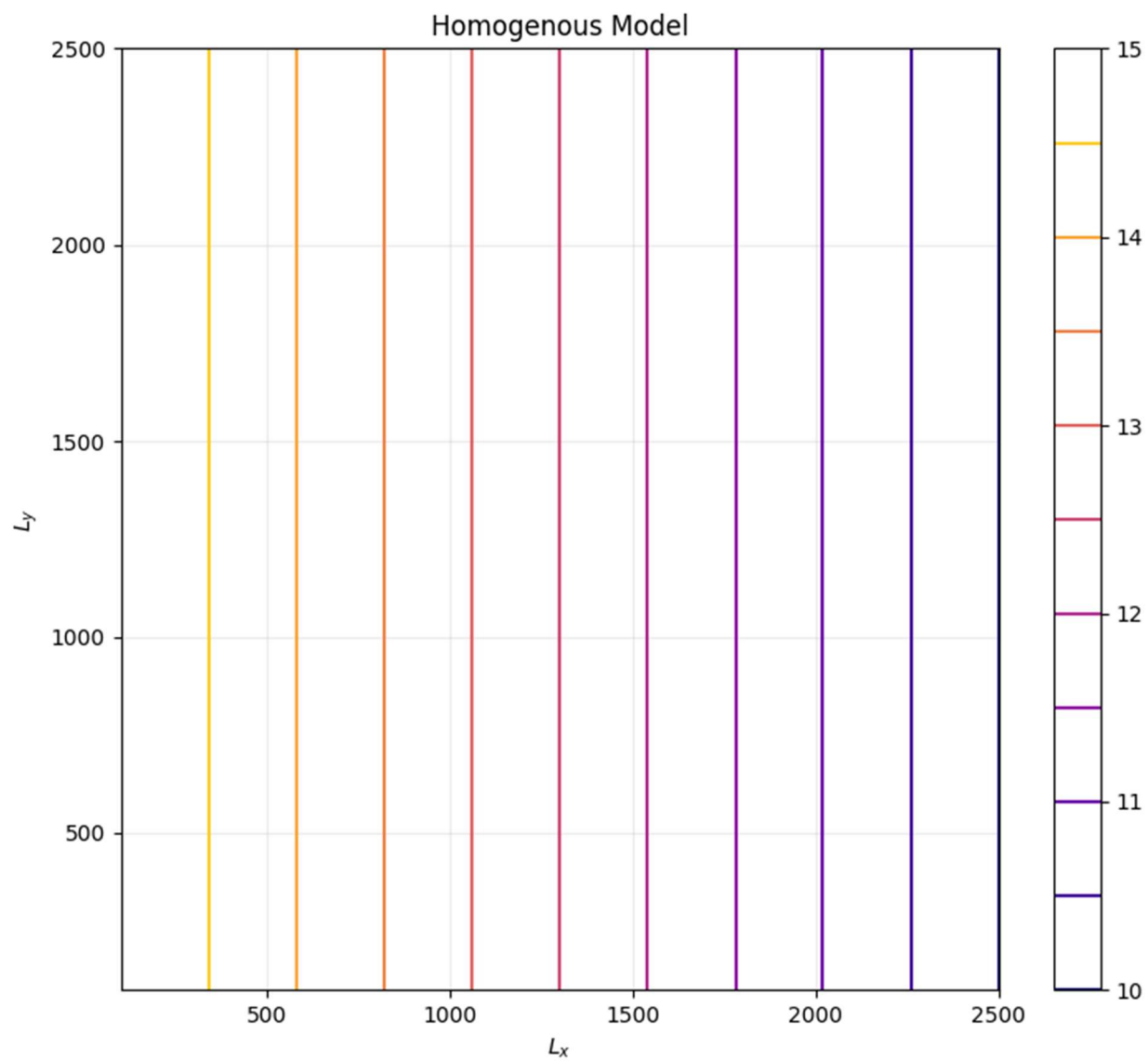
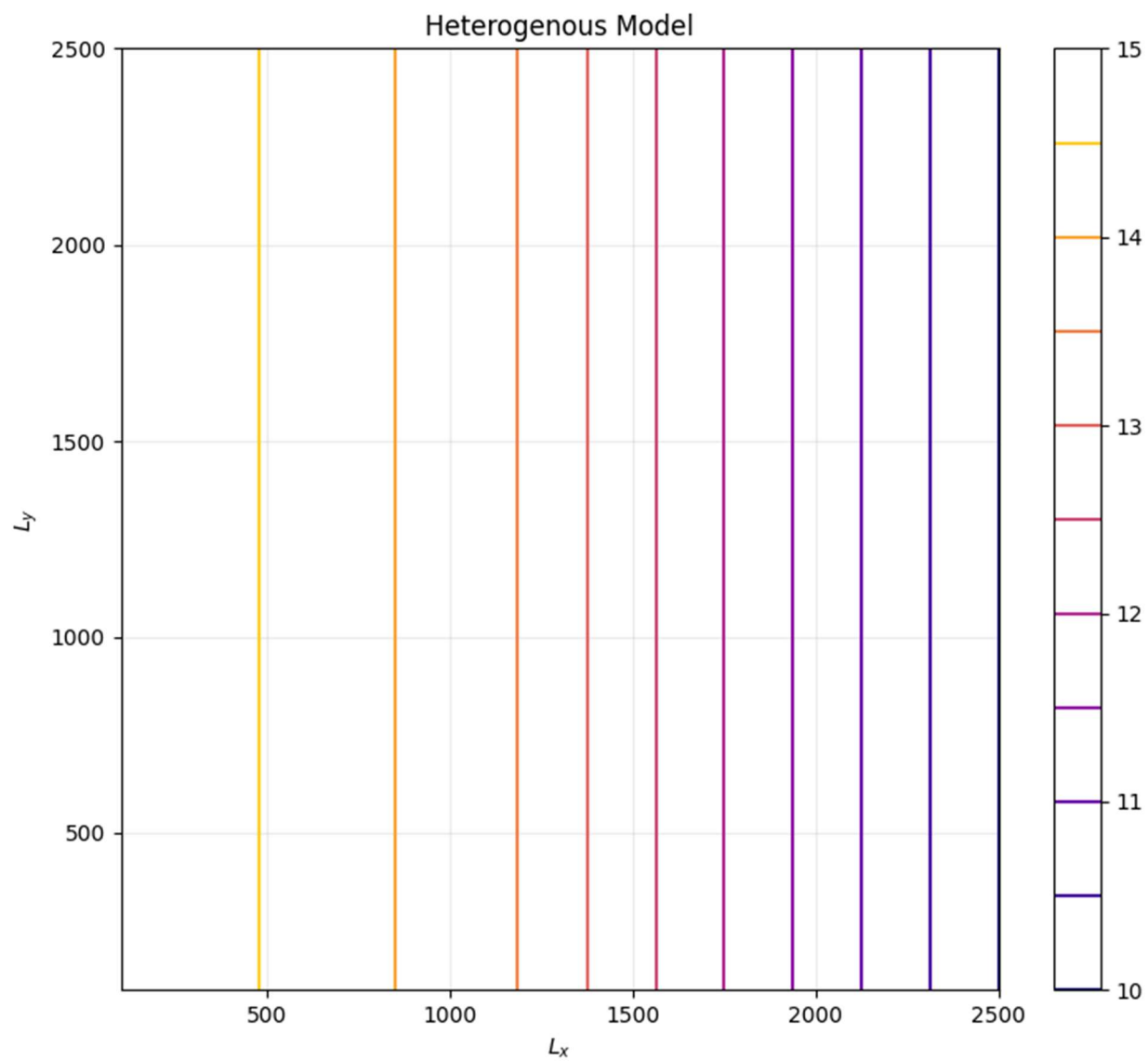


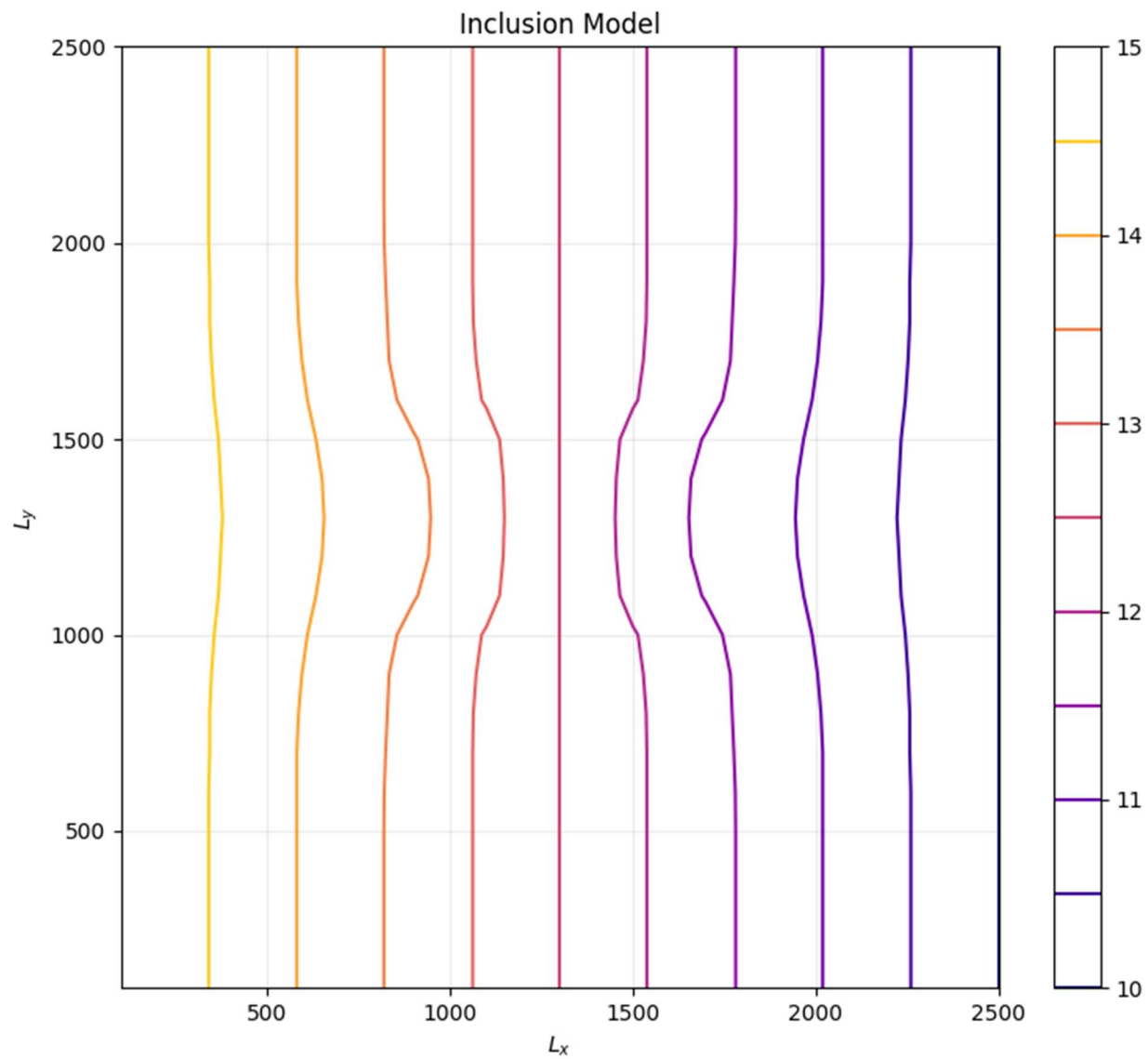
Figure 3: Inclusion Model head contour surface.

*****ALL OF THE EXCEL ONES WERE UGLY, SO I DID THEM IN PYTHON*****

*****SEE BELOW*****







***** I REALIZED I FORGOT TO PUT UNITS AFTER THE FACT (DOH!) *****