Supplement: *"Meltwater, mud, and the Mississippi: Upper Mississippi River Valley slackwater sediments reveal shifting deglacial meltwater sources associated with the Marquette Readvance of the Laurentide Ice Sheet"*

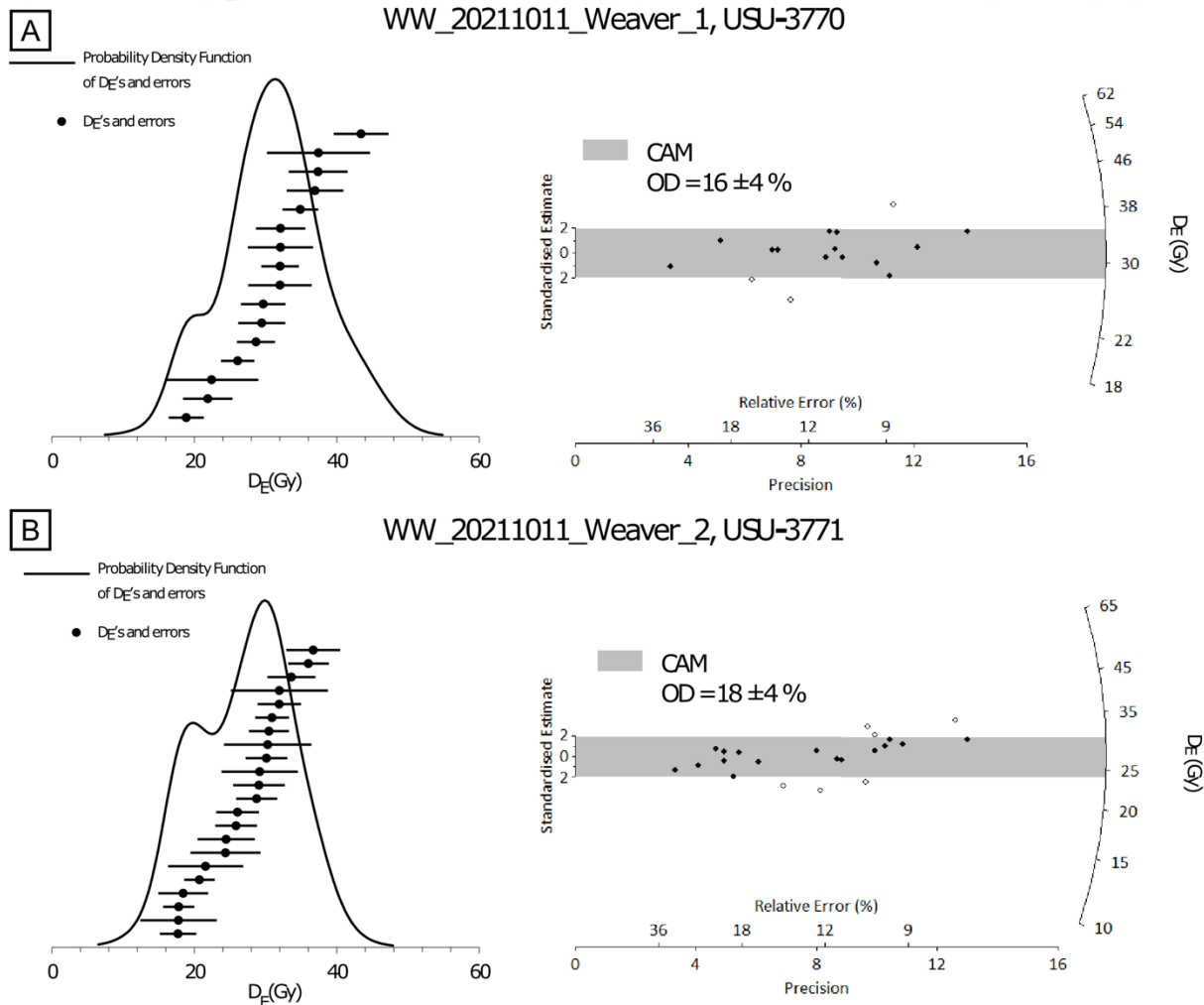Equivalent dose (D_E) Distributions: Probability density function, radial plot, overdispersion (OD)

Figure S1. Equivalent dose (DE) Distributions for optically stimulated luminescence (OSL) samples: Probability density function, radial plot, overdispersion (OD). A) WW_20211011_Weaver_1 is the shallower ~1.5 m depth OSL sample and B) WW_20211011_Weaver_2 is the deeper ~2.5 m depth OSL sample.
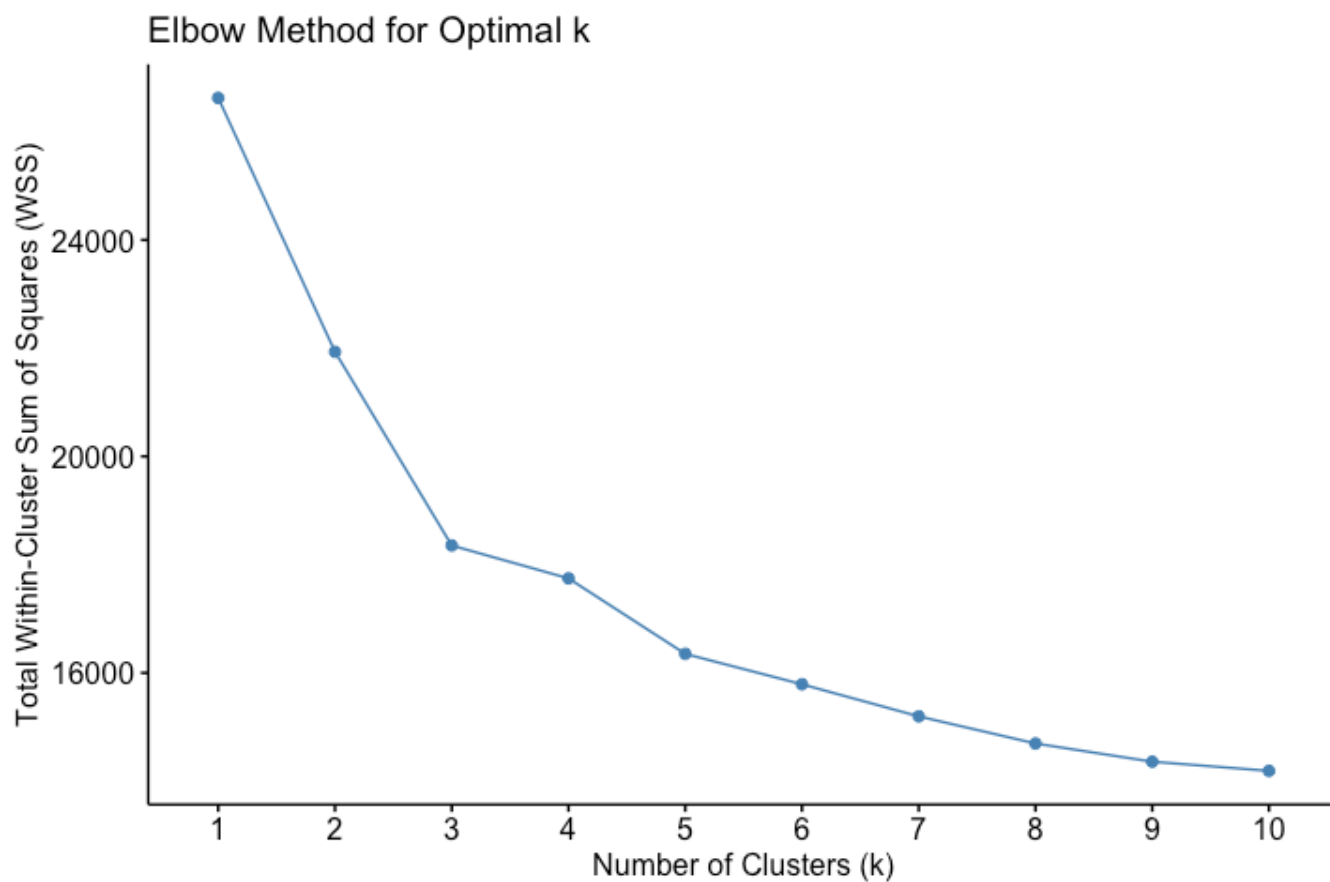
Figure S2. Elbow method output from principal component analysis used to determine the appropriate number of groupings (k) for k-means clustering. Using this output, we determined k=3 to be the optimal number of clusters going forward with analysis.