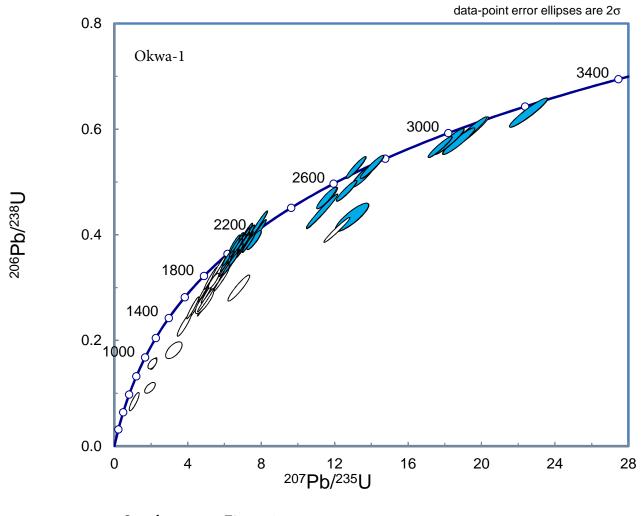
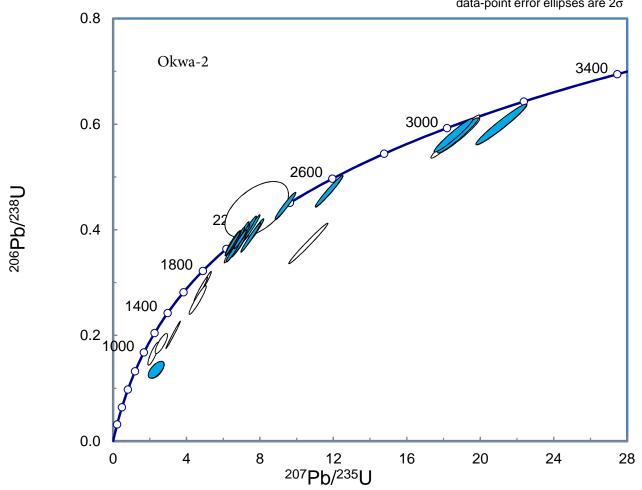
## Caption for supplementary Figures

Concordia diagrams for detrital zircons in samples from the Tswaane Formation, Okwa Group. Error ellipses shown with blue colour represent grains with  $^{206}Pb/^{204}Pb > 2000$ . White ellipses represent grains with  $^{206}Pb/^{204}Pb < 2000$ , which are excluded from consideration because of the elevated common lead correction needed (see Andersen et al., 2019, Earth-Science Reviews, https://doi.org/10.1016/j.earscirev.2019.102899).

Supplementary Figure 1: Sample Okwa-1 Supplementary Figure 2: Sample Okwa-2 Supplementary Figure 3: Sample Okwa-3



Supplementary Figure 1



data-point error ellipses are  $2\sigma$ 

Supplementary Figure 2

0.8 Okwa-3 0.6 3000 2600 2200 0.4 1800 1400 0.2 0.0 8 12 <sup>207</sup>Pb/<sup>235</sup>U 0 16 20 24 4

data-point error ellipses are  $2\sigma$ 

Supplementary Figure 3

206Pb/238U