

Table 2. The 6 variables used to characterize the database and Villa A samples.

2 EPR Variables	
INTENS	Intensity of the high field Mn^{2+} signal
WIDTH	Linewidth (high field doublet)
2 Morphological Variables	
MGS	Maximum grain size
COLOR	Samples color (8-bit gray scale, 0 = black, 255 = white)
2 Isotopic variables	
$\delta^{13}\text{C}$, $\delta^{18}\text{O}$	^{13}C and ^{18}O isotopic ratios