

Depth below surface (m)

pH

Conductivity  
(mS)

Soil organic  
matter (% mass)

Carbonates  
(% mass)

Magnetic  
susceptibility

Frequency  
dependency

$\delta^{13}\text{C}$  ‰ VPDB

Mean particle  
size ( $\mu\text{m}$ )

sd particle size  
( $\mu\text{m}$ )

0.2  
0.4  
0.6  
0.8  
1.0

6  
1  
8  
9

0  
400  
800

5  
15  
25

5  
15  
25

50  
150  
250

60  
80

-28.5  
-27.5  
-26.5

200  
600

200  
600

