

Sedimentary Archives

Observe the numbered rocks around the classroom and write down your observations and interpretations about the environment in which each formed.

Sample 1 Rock type?

Size of particles?

Type of environment?

Rock 2 Rock type?

Grain size?

Sorting?

Roundness?

Type of sedimentary structure?

What environment?

Rock 3 Rock type?

Grain size?

Sorting?

Rounding?

Type of environment?

Rock 4 Rock type?

Grain size?

Sorting?

Rounding?

Type of environment?

Rock 5 Rock type?

Grain size?

Sorting?

Rounding?

Clast or matrix supported?

Type of environment?

Rock 6 Rock type?

Special features?

Type of environment?

Rock 7 Rock type?

Grain size?

Sorting?

Rounding?

What were the small squares?

Type of environment?

Rock 8 Rock type?

Special features?

Type of environment?

Rock 9 Rock type?

Grain size?

Sorting?

Rounding?

Type of environment?

Rock 10 Rock type?

Sedimentary structures?

Dimensions (wavelength and height)?

Regularity of structures?

Type of environment?

Rock 11 Rock type?

Grain size?

Sorting?

Rounding?
Type of environment?

Rock 12 Rock type?
Sedimentary structures?
Dimensions (wavelength and height)?
Regularity of structures?
Type of environment?

Rock 13 Rock type?
Special features?
Type of environment?

Rock 14 Rock type?
Grain size?
Sorting?
Rounding?
Special features (corner shapes, hopper shapes)?
Type of environment?

Rock 15 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

Rock 16 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

Rock 17 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

Rock 18 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

Rock 19 Rock type?
Grain size?
Sorting?
Rounding?
Special features?
What is possible cause?
Type of environment?

Rock 20 Rock type?
Grain size?
Sorting?
Rounding?
Special features?
Type of environment?

Rock 21 Rock type?
Special features?
Type of environment?

Rock 22 Rock type?
Grain size?
Sorting?

Rounding?
Matrix or clast supported?
Type of environment?

Rock 23 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

Rock 24 Rock type?
Grain size?
Sorting?
Rounding?
Clast or matrix supported?
Type of environment?

Rock 25 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

Rock 26 Rock type?
Grain size?
Sorting?
Rounding?
Type of environment?

