Gamma Rays correlate surface with subsurface.

High-frequency fluctuations cross from subtidal to peritidal facies.
Cincinnatian peritidal facies show considerable variation in microfacies
Peritidal microfacies demarcate a depth gradient

1- High-diversity limestone and silty shale – shallow marine
2- Low-diversity limestone and dolomitic siltstone—restricted subtidal
3- Glauconite-rich dolomitic siltstone-lowest intertidal
5- Dolomitic siltstone with vertical burrows and lingulates –low intertidal
6- Laminated green dolomitic siltstone-intermediate intertidal
7- Laminated mud-cracked dolomitic siltstone-high intertidal
High-frequency stratigraphic variation in microfacies, correspond to those of magnetic susceptibility and gamma radiation. This suggests that through-going gamma ray cycles are eustatic.