

Next stop on the ABCs tour of Wyoming's geologic wonders ...

Unconformity



*Photo by: WSGS uranium &
trona geologist Robert Gregory*

- *Taken in Fremont Canyon, upstream from Alcova Lake southwest of Casper*
- *Unconformity created from a break between eroded igneous or metamorphic rocks & younger sedimentary strata*
- *Unconformity in this photo represents +2 billion years of erosion/non-deposition between the time the granite was formed & then eroded down to a nearly flat, horizontal surface, & the time that the Flathead Sandstone was deposited by fluvial processes*

*Interpreting the past,
providing for the future*

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