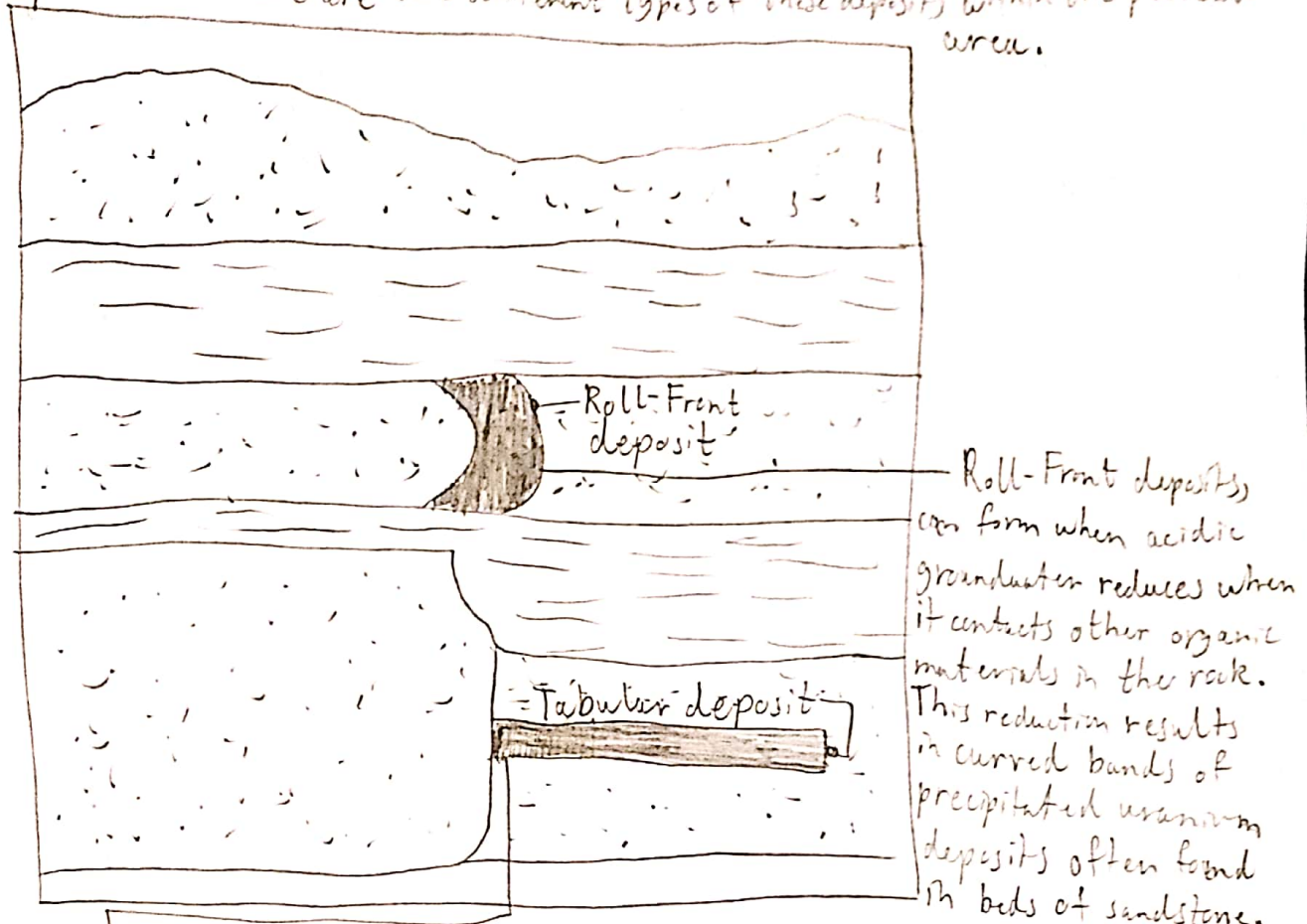


Topic: Uranium deposits in Mesozoic rocks of the Colorado Plateau; the characteristics of each type of uranium deposit hosted by Mesozoic rocks, where each type occurs, and how each is interpreted to have formed.

The uranium deposits of the Colorado Plateau are characterized as sandstone uranium deposits. Such deposits generally form during the precipitation of the dissolved minerals in ground water that permeates the sandstone. There are two different types of these deposits within the plateau area.



Tabular deposits of uranium were formed as flooding caused organic humic material to be carried to the water table, forming layers of humate deposits in the basement rocks of the plateau. These deposits help reduce the groundwater. In a similar fashion to the roll-front deposition process, causing uranium to be precipitated in long, flat bodies.

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