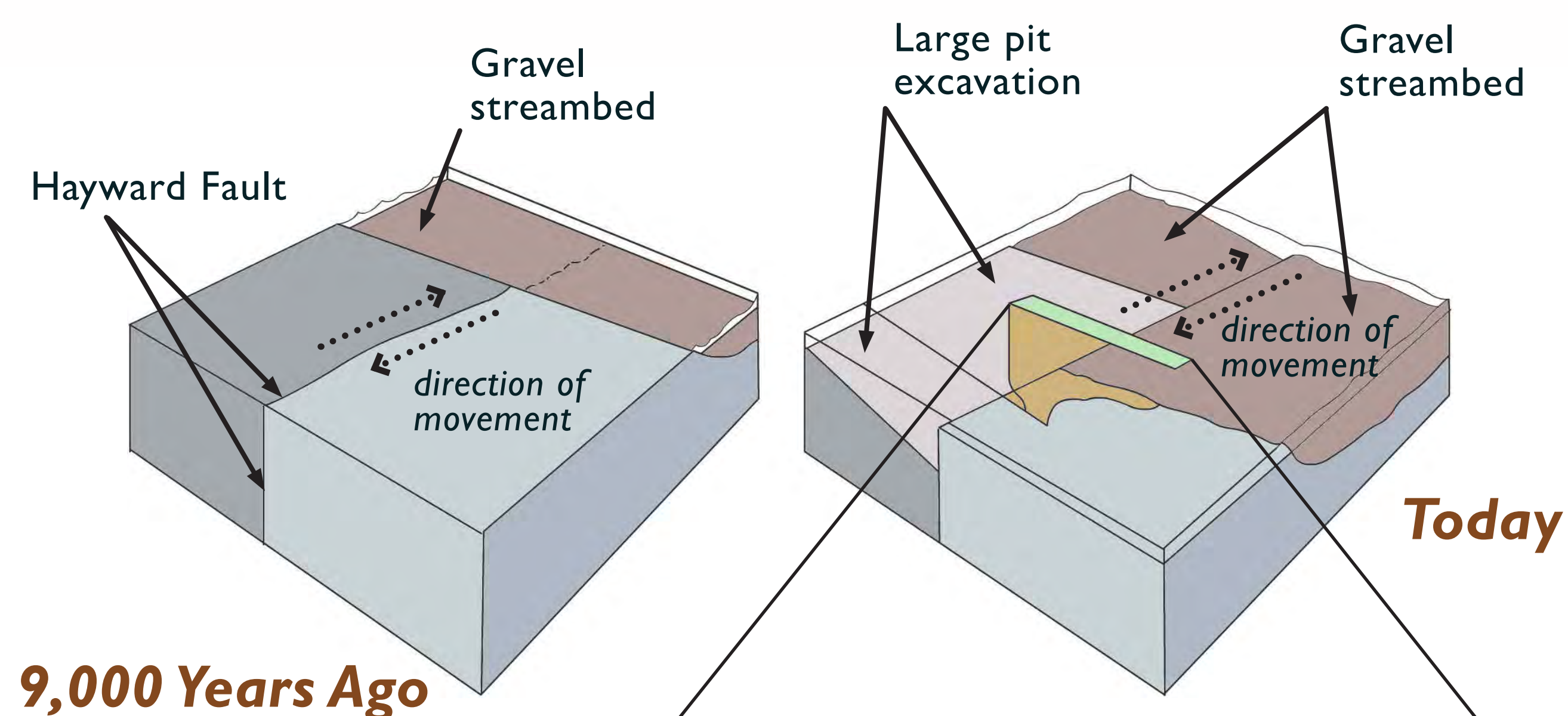
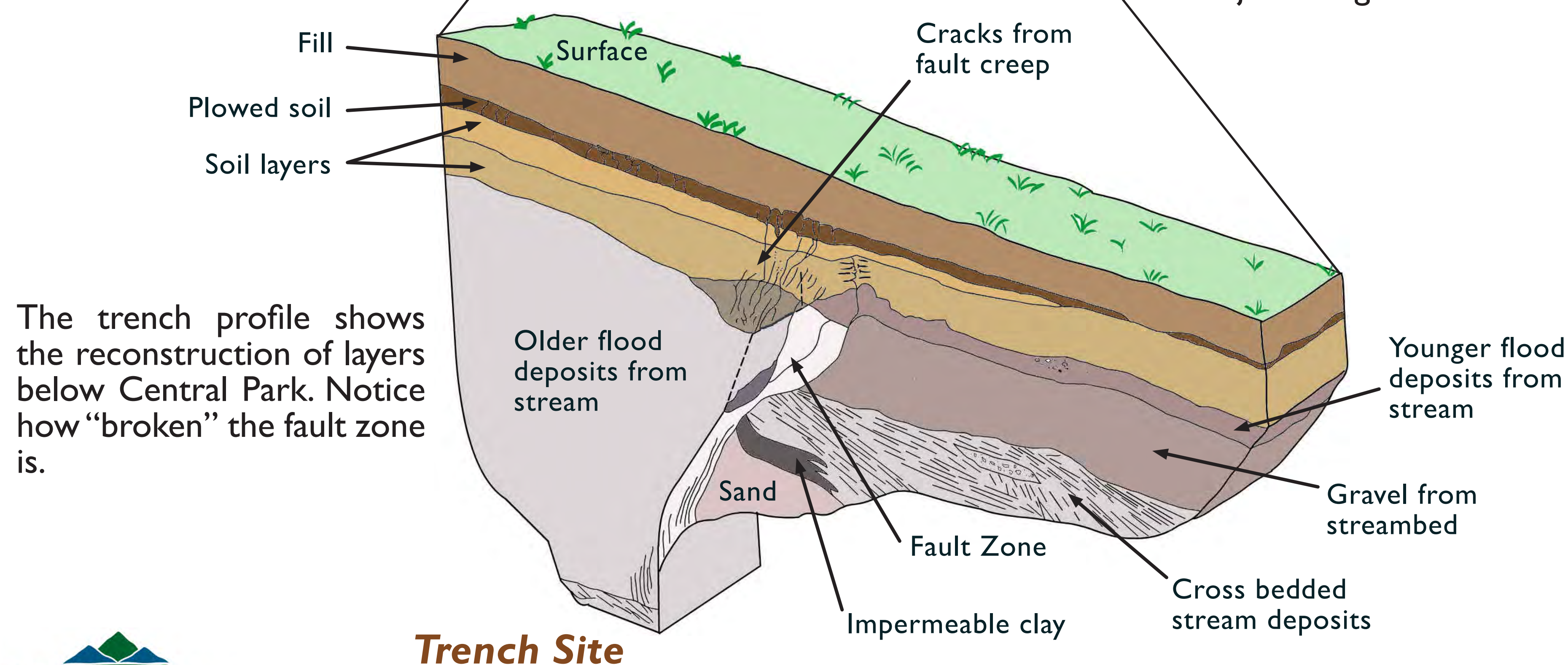


Earthquake Walk at Central Park

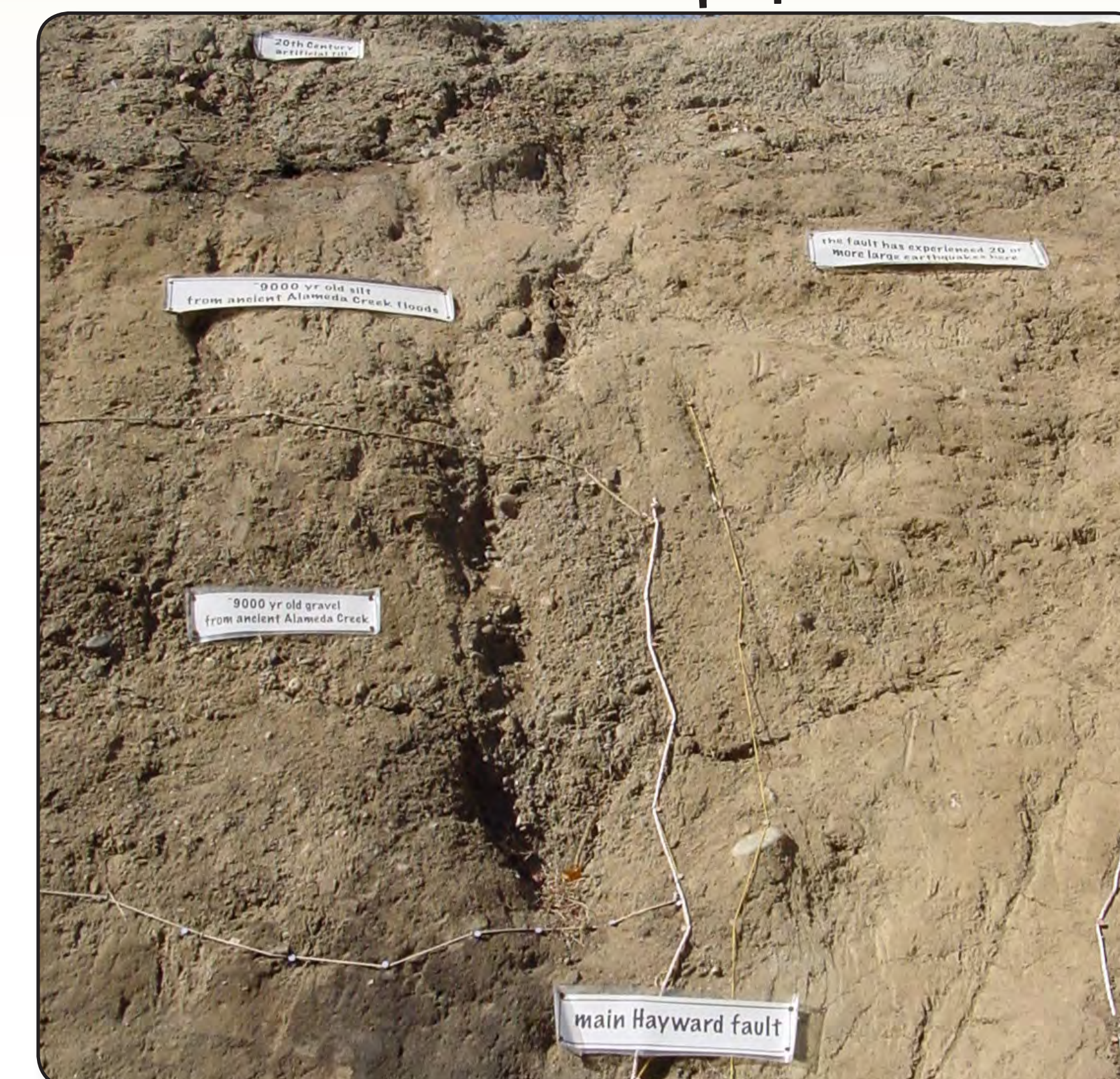
9,000 Years of Movement



In 2006, a large pit was trenched in this area on the Hayward Fault. The rocks revealed that about 9000 years ago there was a large stream flowing about 150 feet from the current location. Creeping movement of the fault over the years, about 5 millimeters per year, has offset the sediments over time. On the ground surface, this type of active movement can still be seen in the parking lot with many offset curbs and en echelon structures (cracks from fault creep) due to the stress. To learn more about en echelon structures, refer to the adjacent sign "En Echelon Structures".



The trench profile shows the reconstruction of layers below Central Park. Notice how "broken" the fault zone is.



Offset Layers of Rock and Fault Trace



Pit Excavation Site