

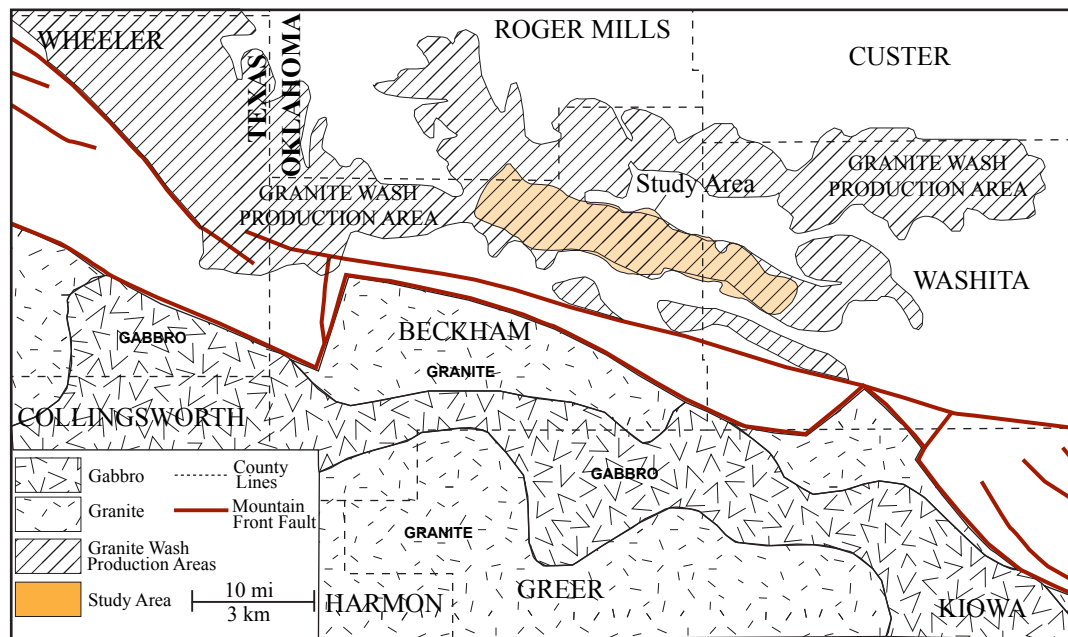


Figure A-2. Middle Desmoinesian paleogeographic map showing the Mountain Front Fault, granite wash production areas, and the basement rock type that are the source of the granite wash deposits (modified from Mitchell, 2011; Ham et.al., 1964; McConnell 1989). The proportion of the gabbroic rocks within the source rock region in the south of the study area increases toward east. The source rock composition can be responsible for the different well-log responses, especially gamma-ray, in the northwest and southeast sides of the study area. See Figure 9 for the well-log responses across the study area from northwest to southeast.