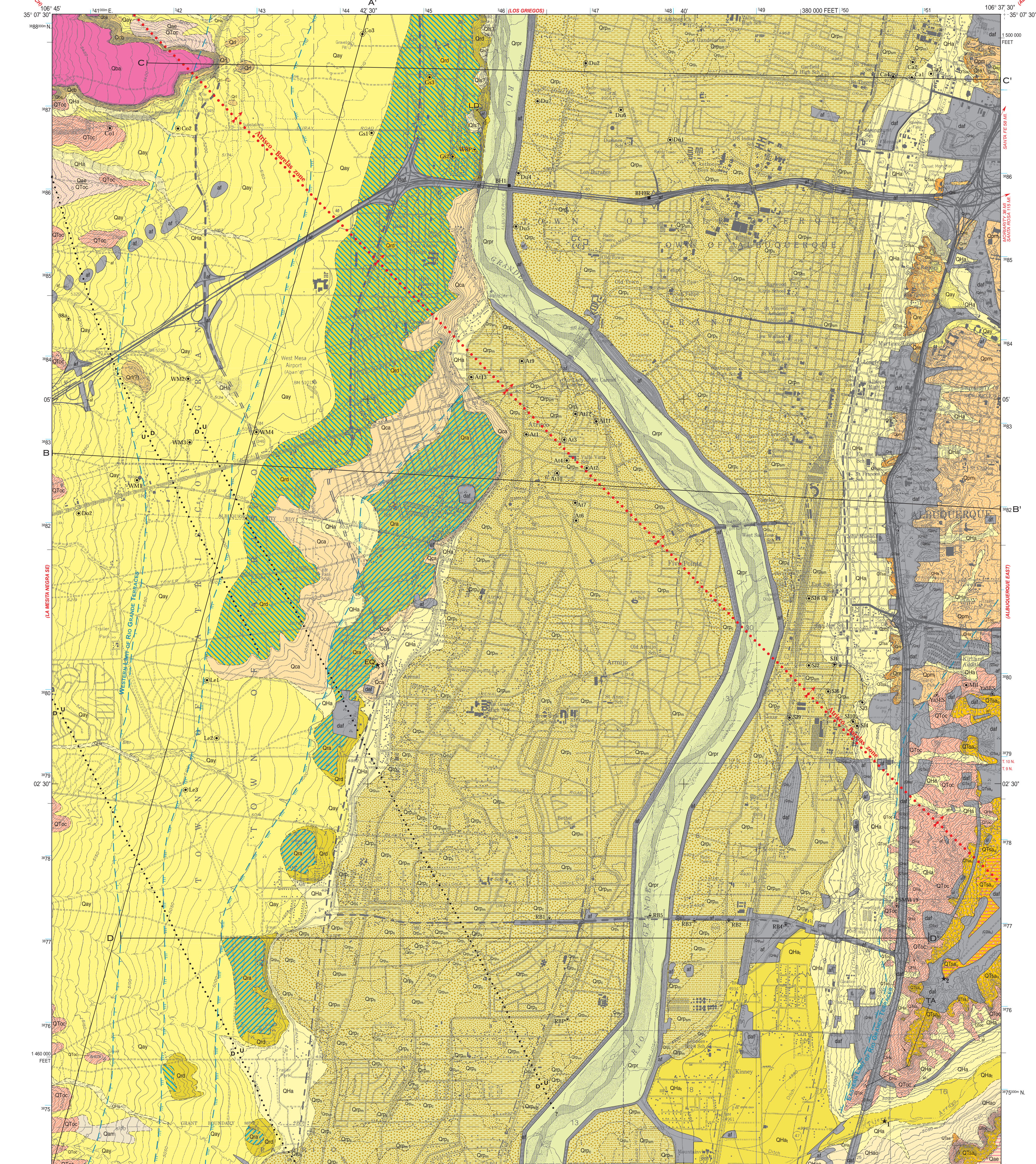


ALBUQUERQUE WEST QUADRANGLE
NEW MEXICO



Geology of Albuquerque West
7.5-minute quadrangle,
Bernalillo County, New Mexico

Map No. 198
4 February 2008 Revision
by Sean D. Connell, Bruce D. Allen,
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EXPLANATION OF MAP SYMBOLS

- Location of geologic cross section
- Approximate location of measured stratigraphic sections of Lambert (1968) and Connell, et al. (1992)
- Geologic contact—solid where exposed, dashed where approximately located, dotted where concealed, spaced where inferred
- Geologic contact—interpreted location within units of and/or modified from Lambert (1968) or interpreted from vitreous aerial photography
- Topographic contours—solid where exposed, dashed where approximately located, dotted where concealed, spaced where inferred, upthrown (U) and downthrown (D) lines indicated where concealed and/or interpreted
- Monoform with vertical bed (Atisico-Barelas zone)
- Monoform with vertical bed (Atisico-Barelas zone)—approximate trace of steep slope as determined from subsurface (0.60 ft) data, short arrow on steep slope
- Strike and dip of bedding, horizontal bedding
- Approximate extent of buried fluvial terrace of the ancestral Rio Grande (loop for Rio Grande, dashed line for terrace)
- Approximate extent of buried fluvial terrace of the ancestral Rio Grande (loop for Rio Grande, dashed line for terrace)
- Selected locality
- Water well—well, including abbreviation, synthetic electrical conductivity log (1000 ft) illustrated
- Exploratory or groundwater monitoring well, including abbreviation
- Exploratory geotechnical borehole (NM State Highway & Transportation Dept.)
- Reflow-ditch—measured outline of reflow-ditch clots
- Pinnes Aho geomorphic surface of Lambert (1968)
- Segundo Aho geomorphic surface of Lambert (1968)
- Support geomorphic surface of Lambert (1968)

Table with columns: Unit Symbol, Wall Name, Date, Elevation (ft), Thickness (ft), SWL (ft), Date Screen, Screen Section, Screen Section, Top of the Specific (ft), Specific Gravity (lb/ft³), T, K, K, K

Comments and hydraulic data for selected wells in the Albuquerque West quadrangle and vicinity. Data interpreted and modified from Allen et al. (1990), Lambert (1968), Bala, Shroba, and Anderson (1992), 1997, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 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