

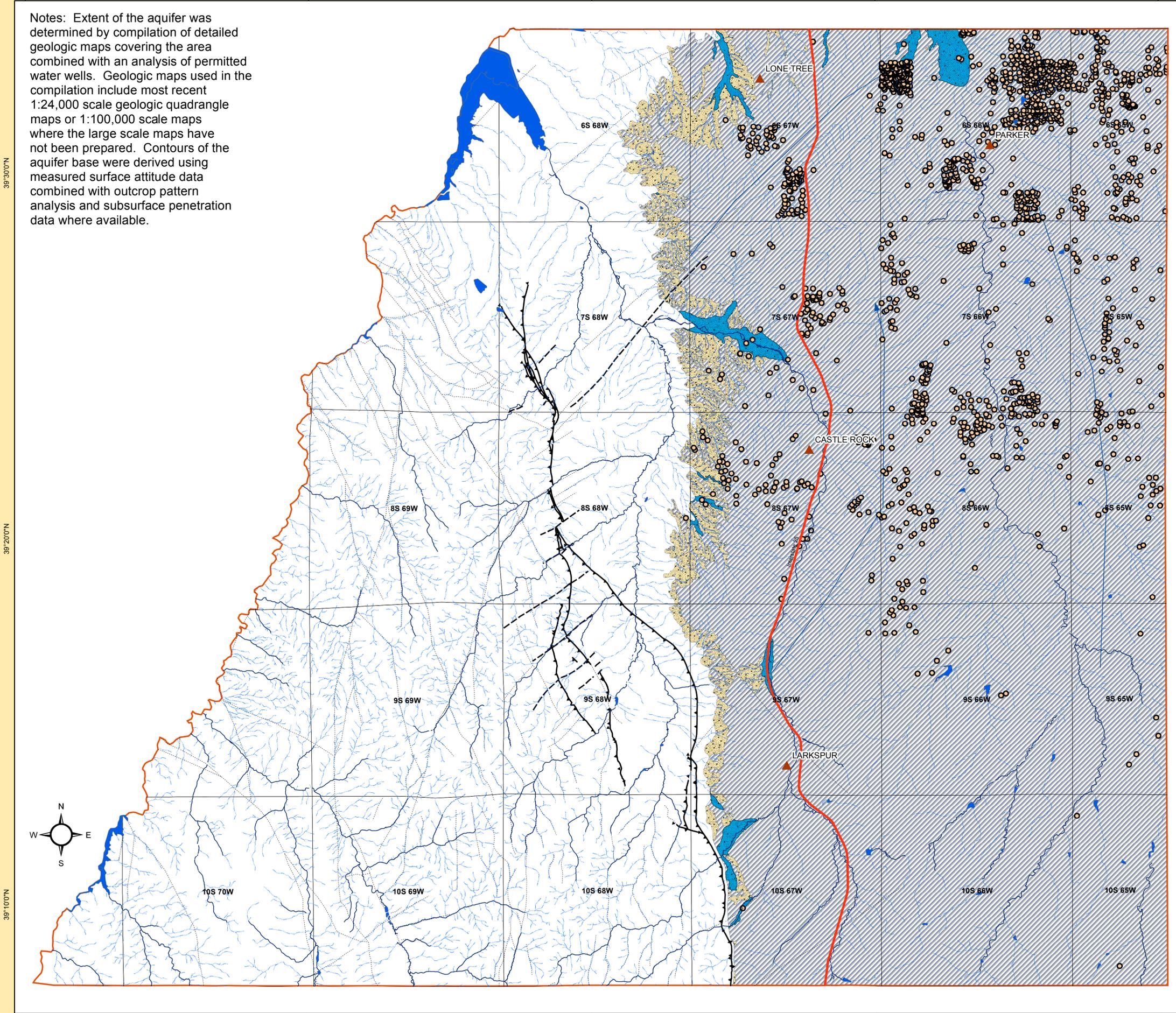
Plate 16 Douglas County Geology and Groundwater Resources D1 Upper Fan Extent Map

COLORADO GEOLOGICAL SURVEY
COLORADO SCHOOL OF MINES
GOLDEN, COLORADO

GEOLOGY AND GROUNDWATER RESOURCES
DOUGLAS COUNTY, COLORADO
OPEN FILE REPORT 15-10
Plate 16 of 20

105°20'0"W 105°10'0"W 105°0'0"W 104°50'0"W 104°40'0"W

Notes: Extent of the aquifer was determined by compilation of detailed geologic maps covering the area combined with an analysis of permitted water wells. Geologic maps used in the compilation include most recent 1:24,000 scale geologic quadrangle maps or 1:100,000 scale maps where the large scale maps have not been prepared. Contours of the aquifer base were derived using measured surface attitude data combined with outcrop pattern analysis and subsurface penetration data where available.



Legend

- ▲ Towns and Cities
- Interstate 25
- █ Lakes
- Intermittent Streams
- Perennial Streams

Faults

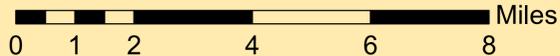
- - - Normal (known, approximated, & inferred)
- |— Reverse (known, approximated, & inferred)
- ⋯ Not Defined (concealed, approximated, & inferred)
- Townships

D1 Upper Unit Fan Contours

- Lower Dawson Aquifer wells (permit designation)
- Estimated groundwater flow direction
- █ D1 upper fan-alluvium intersect
- D1 upper fan, outcrop
- D1 upper fan, concealed

105°20'0"W 105°10'0"W 105°0'0"W 104°50'0"W 104°40'0"W

Universal Transverse Mercator, Zone 13, NAD 83



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