

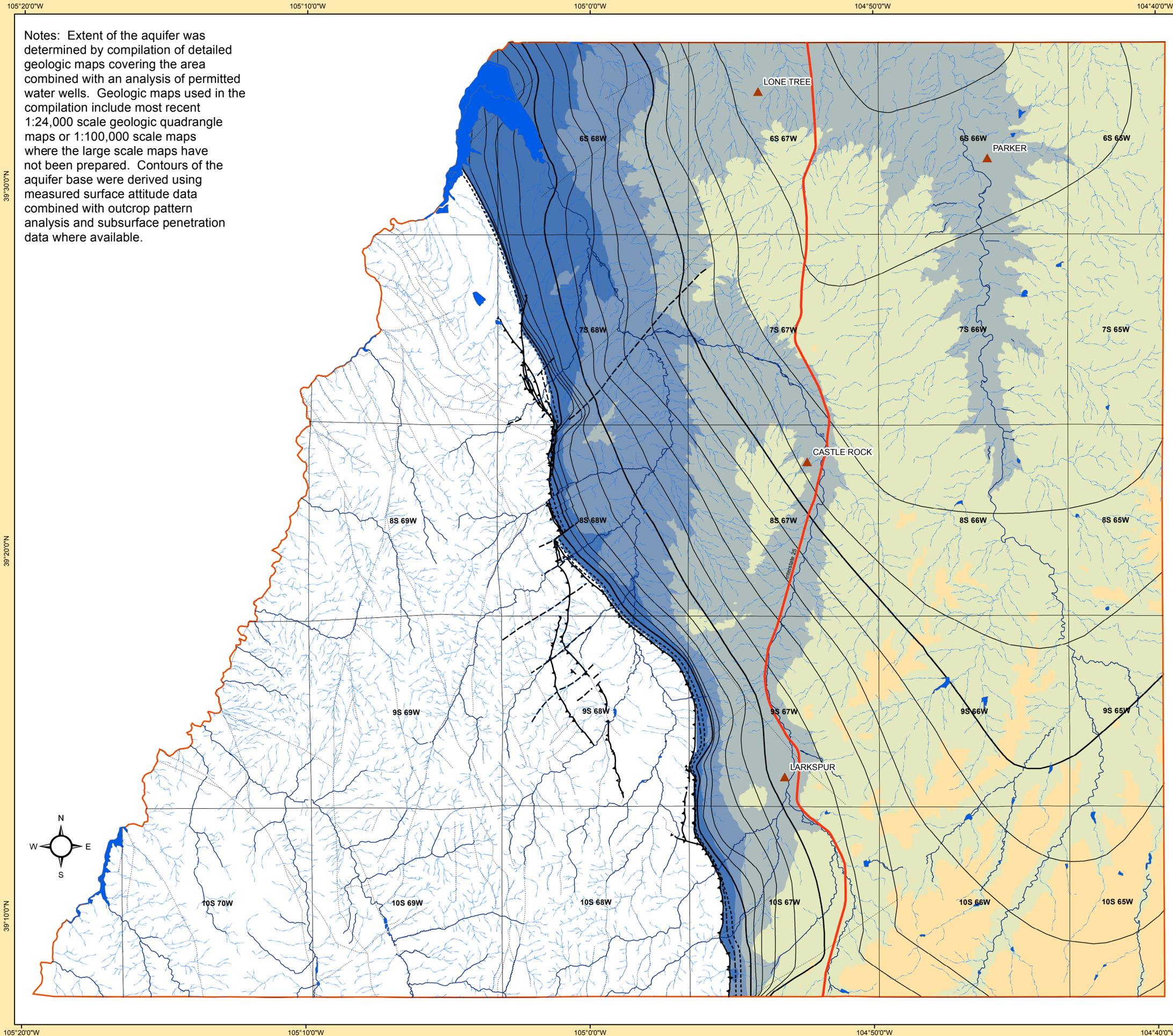
# Plate 13

## Douglas County Geology and Groundwater Resources

### D1 Lower Fan Depth Map

COLORADO GEOLOGICAL SURVEY  
 COLORADO SCHOOL OF MINES  
 GOLDEN, COLORADO

GEOLOGY AND GROUNDWATER RESOURCES  
 DOUGLAS COUNTY, COLORADO  
 OPEN FILE REPORT 15-10  
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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
- Normal (known, approximated, & inferred)
- Reverse (known, approximated, & inferred)
- ..... Not Defined (concealed, approximated, & inferred)
- Townships

**D1 lower fan base elevation (feet, MSL)**

- 500 ft contour, with control
- - - 500 ft contour, projected
- 100 ft contour, with control
- - - 100 ft contour, projected

**D1 lower fan depth**

**Aquifer base depth range (feet below ground)**

- < 500
- 500 - 1,000
- 1,000 - 1,500
- 1,500 - 2,000
- 2,000 - 3,500

Universal Transverse Mercator, Zone 13, NAD 83

0 1 2 4 6 8 Miles

