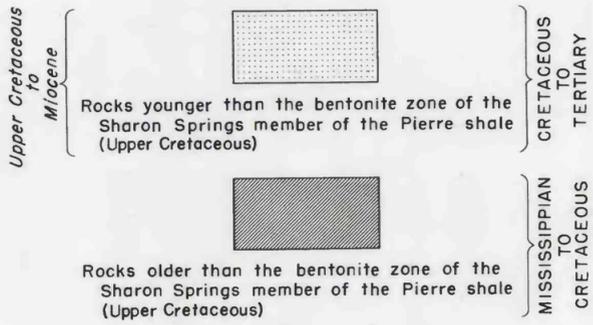


EXPLANATION

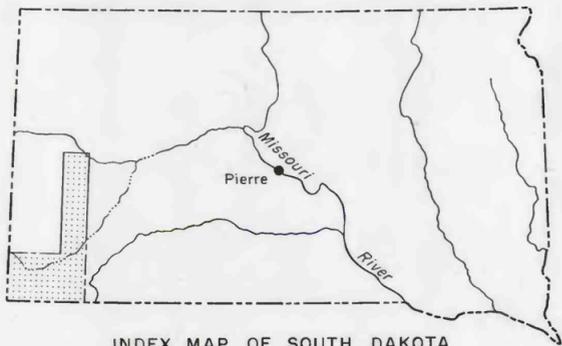


The thin bentonite zone of the Sharon Springs member of the Pierre shale of Late Cretaceous age is indicated by a heavy line, dashed where approximate, dotted where inferred

14  
Shale-sample locality  
Number refers to graphic section plate 52

36 Well 25 Spring or seep

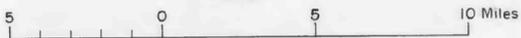
Water-sample locality  
Number refers to uranium content in parts per billion



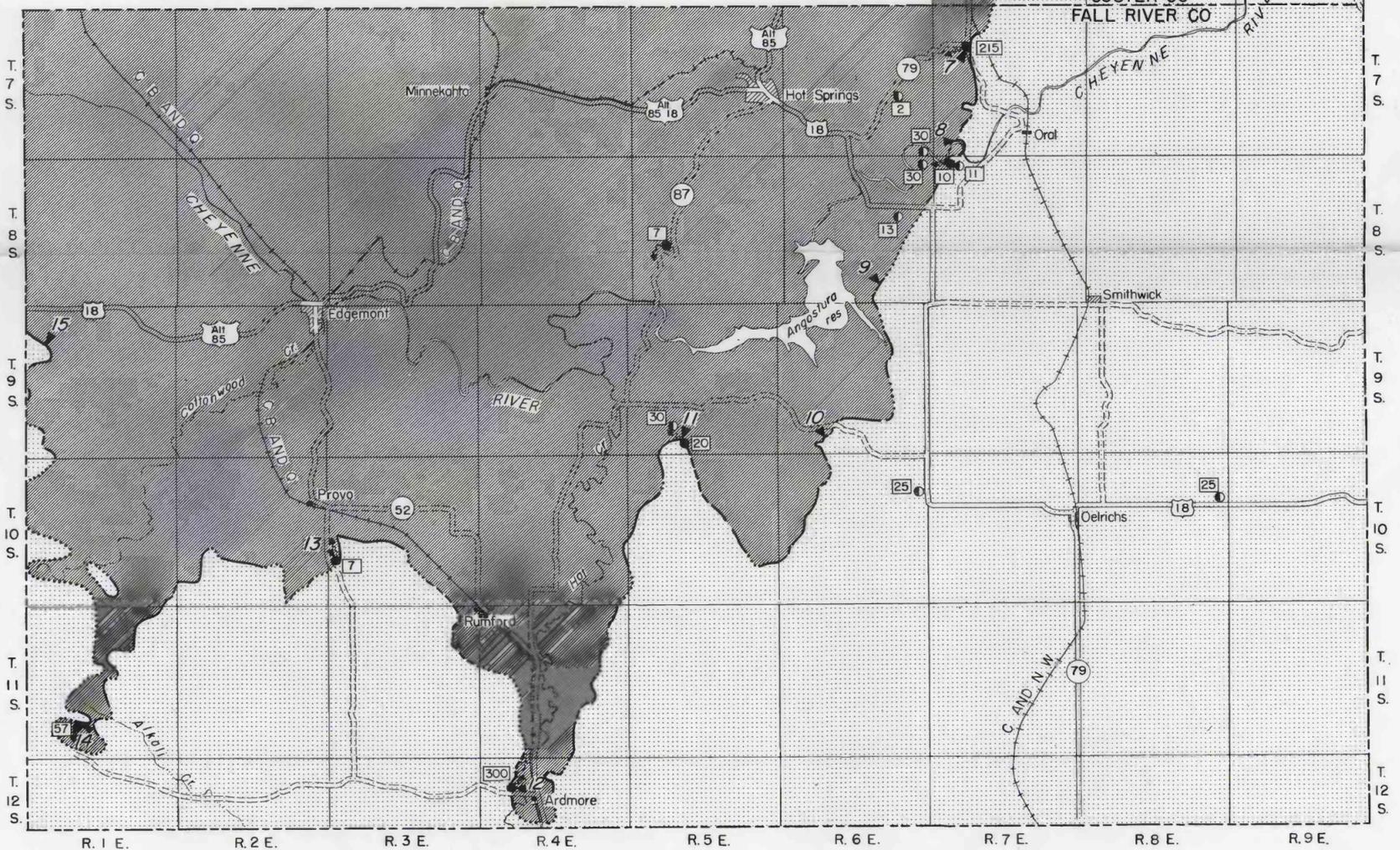
INDEX MAP OF SOUTH DAKOTA



SCALE



Modified after Spivey (1940)



MAP SHOWING OUTCROP TRACE OF BENTONITE ZONE OF THE SHARON SPRINGS MEMBER, WATER-SAMPLE LOCALITIES, AND SHARON SPRINGS MEMBER SAMPLE LOCALITIES ALONG THE EASTERN AND SOUTHERN FLANKS OF THE BLACK HILLS, SOUTH DAKOTA