



**Figure 1.** Tectonic-province map of Oklahoma (modified from Johnson and others, 1979).

**Figure 2.** Generalized geologic map of Oklahoma (modified from Johnson and others, 1979).

**Figure 3.** Index to quadrate-map references and quadrange (1:250,000) location map.

Dalhart	Perryton	Woodward	End	Tulsa
11	10	8	7	2
			Oklahoma City	Fort Smith
		5	4	1
		Clinton		
		Lawton	Arkmore-Sherman	McAlester-Tuskahoma
		6	3	9

**EXPLANATION**

**RADON POTENTIAL**

- Locally Moderate to High (Areas 1, 2, 15, 18, 19)
- Locally Moderate (Areas 3, 5, 9, 10, 11, 13, 20, 23, 24)
- Locally Low to Moderate (Areas 4, 6, 14, 21, 22)
- Generally Low (Areas 7, 8, 12, 16, 17, 25, 26)
- Generally Very Low

**U<sub>3</sub>O<sub>8</sub> CONCENTRATION (ppm) IN OUTCROP SAMPLES**

- < 3 ppm
- 3-20 ppm
- > 20 ppm

**AREA WITH NUMEROUS ROCK SAMPLES**

62-1-4-3

**Number beside uranium-concentration symbol corresponds to map references in Analytical Data section.**

**Boundary between areas of different radon potential; dashed where inferred**

**ANALYTICAL DATA**

- Marcher, M. V., 1969, Reconnaissance of the water resources of the Fort Smith Quadrangle, east-central Oklahoma. Oklahoma Geological Survey Hydrologic Atlas 1, scale 1:250,000, 4 sheets.
- Marcher, M. V., and Bingham, R. H., 1971, Reconnaissance of the water resources of the Tulsa Quadrangle, northeastern Oklahoma. Oklahoma Geological Survey Hydrologic Atlas 2, scale 1:250,000, 4 sheets.
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**RADON-POTENTIAL MAP  
OF OKLAHOMA**

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