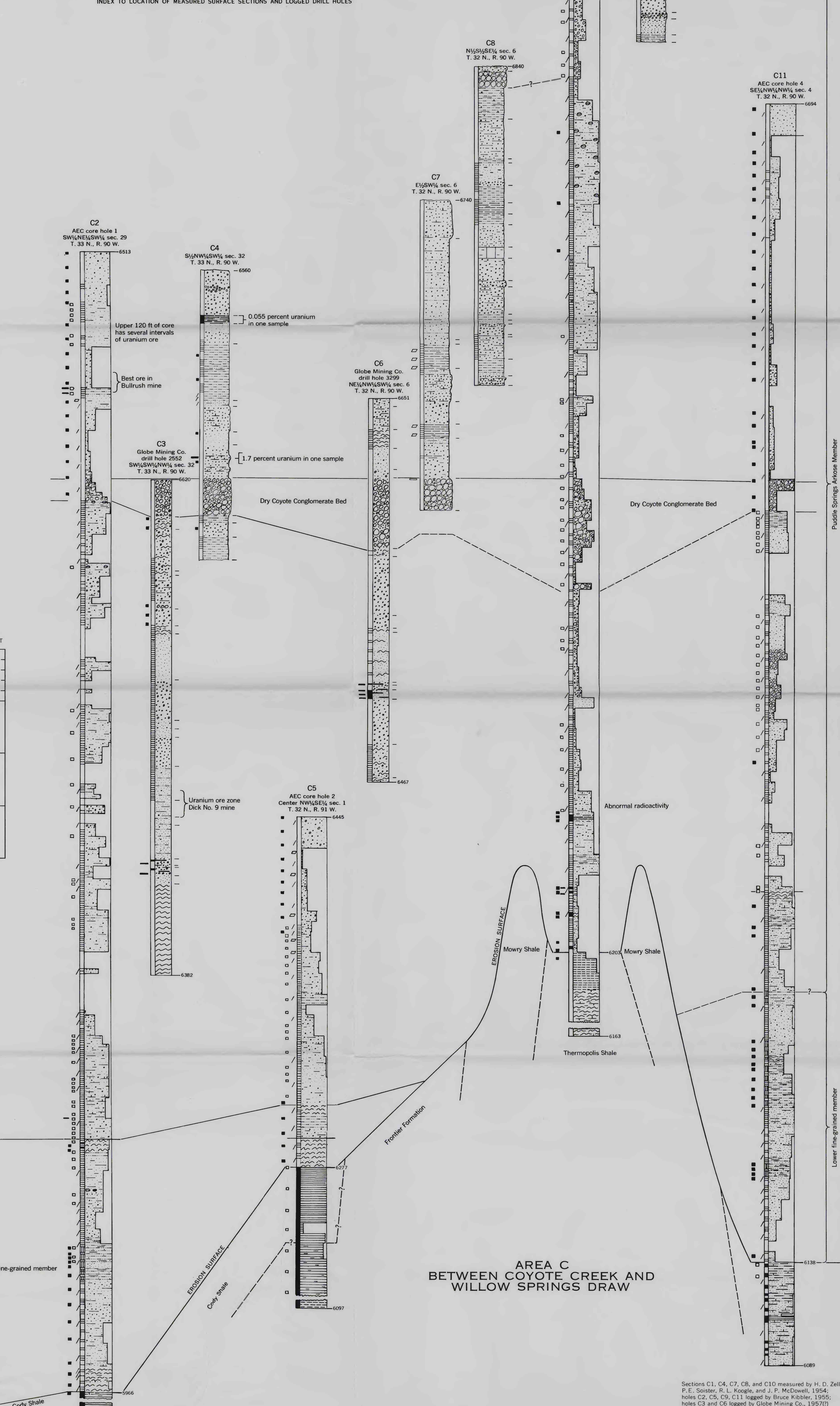


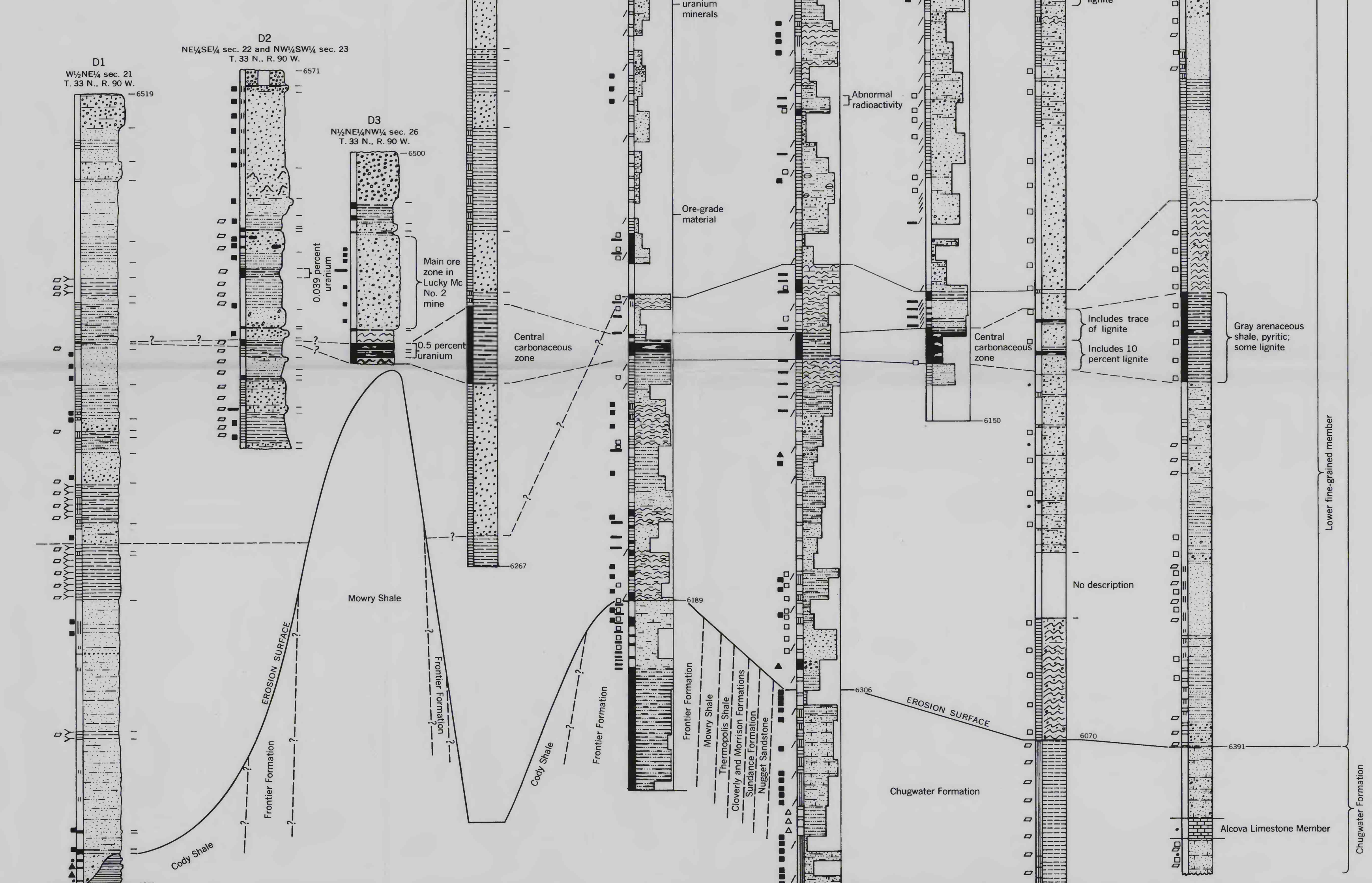
EXPLANATION

- LITHOLOGIC TYPES AND VARIATIONS
- Conglomerate, cobble or boulder
  - Conglomerate, granule or pebble
  - Conglomerate, coarseness not designated
  - Sandstone, very coarse to coarse grained
  - Sandstone, very fine to medium grained
  - Sandstone, coarseness not designated
  - Siltstone or silt shale
  - Claystone or clay shale
  - Mudstone
  - Carbonaceous siltstone or carbonaceous silt shale
  - Carbonaceous claystone or carbonaceous clay shale
  - Carbonaceous shale
  - Coal, impure (lignite or subbituminous coal)
  - Shale, undesignated
  - Shale, marne
  - Limestone
  - Covered interval, showing probable lithology
  - Conglomeratic
  - Plates or chips of siliceous Mowry Shale
  - Sandy
  - Silty
  - Clayey
  - Carbonaceous
  - Siliceous
  - Calcareous
  - Calcareous sandstone concretions or nodules
- Mostly arkosic, arkosic, or feldspathic in the Wind River Formation

- Caliche pods, laminae, or veinlets
- Mudstone balls
- Chert nodules or layers
- Abundant chert pebbles
- Bentonitic
- Highly micaceous
- Carbonized wood
- Silicified wood
- Limonic
- Pyritic
- Petroferrous
- Gypsum or anhydrite
- Elevation, in feet
- In some surface sections, difference in elevation differs from actual because of dip of beds
- COLORS
- Rock-Color Chart (Soil and others, 1948) used in most descriptions; colors not stated in some drill-hole logs
- Yellowish gray, yellow, dusky yellow, light gray, light brownish gray, pale yellowish brown, orange
- Mainly colors of oxidized sedimentary rocks
- Red, reddish brown, pink, purple, violet
- Green, greenish gray, grayish green, greenish yellow, yellow green, blue, bluish gray, olive, olive green, olive brown
- Mainly colors of unoxidized sedimentary rocks
- Brown, brownish gray, dark gray to black
- Mainly colors of coal and other carbonaceous rocks
- Formation boundary
- Dashed where approximately, queried where uncertain
- Correlation line
- Dashed where approximately, queried where uncertain
- SOURCES OF DATA
- Measured surface sections
- U.S. Atomic Energy Commission core holes
- Drilled in 1955, showing percent core recovery
- Drill holes, not cored



AREA D BETWEEN WILLOW SPRINGS DRAW AND WEST FORK OF WEST CANYON CREEK



Sections C1, C4, C7, C8, and C10 measured by H. D. Zeller, P. E. Soister, R. L. Kogale, and J. P. McDowell, 1954; holes C2, C5, C9, C11 logged by Bruce Kobbler, 1955; holes C3 and C6 logged by Globe Mining Co. (1957?)

Section D1 measured by H. D. Zeller, P. E. Soister, and J. P. McDowell, 1954; section D2 measured and hole D4 logged by H. D. Zeller, 1954, 1956; section D3 measured by H. D. Zeller, P. E. Soister, and H. F. Triles, Jr., 1954, 1956; holes D5-D7 logged by Bruce Kobbler, 1955; holes D8 and D9 logged by company, before 1956