

## NOTES ON THE RUSSELL CREEK URANIUM PROSPECT, PARK COUNTY

### Location and Ownership

The deposit consists of 8 claims located on the north side of Russell Creek in NE 1/4 sec. 31, T. 56 N., R. 104 W. The locators are Don Snyder, John Jones, and Art Braten, all of Cody.

The prospect was examined on August 12, 1955, in the company of Carl Dunrud.

### Geology

Anomalous radioactivity occurs in the Flathead formation about 150 feet above the Cambrian - pre-Cambrian contact. The scintillator recorded a maximum of 0.24 MR/hr. in a small prospect pit that was excavated in a yellowish brown fine-grained sandstone. The radioactivity appears to be confined to a six-inch ferruginous stained sandstone that lies between two manganiferous stained sandstone beds. The background count in the area averages 0.12 MR/hr.

A drill hole located at the west end of the deposit, and reportedly 90 feet deep, penetrated a light gray loosely consolidated coarse-grained sandstone. Drill cuttings examined by the writer were not radioactive.

No uranium minerals were identified by the writer, and no relationship of radioactivity to structure was observed.

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