EXPLANATION

Sandstone, moderately to extremely radioactive

Contains carnotite and tyuyamunite associated with seams of clayey siltstone and plant material. Numbers refer to thickness, in feet, of radioactive unit

Sandstone, barren

Contact between radioactive and barren sandstone

Dashed where approximately located

Fault, showing dip

Dashed where approximately located. U, upthrown side; D, downthrown side

Vertical Fault

Dashed where approximately located. U, upthrown side; D, downthrown side

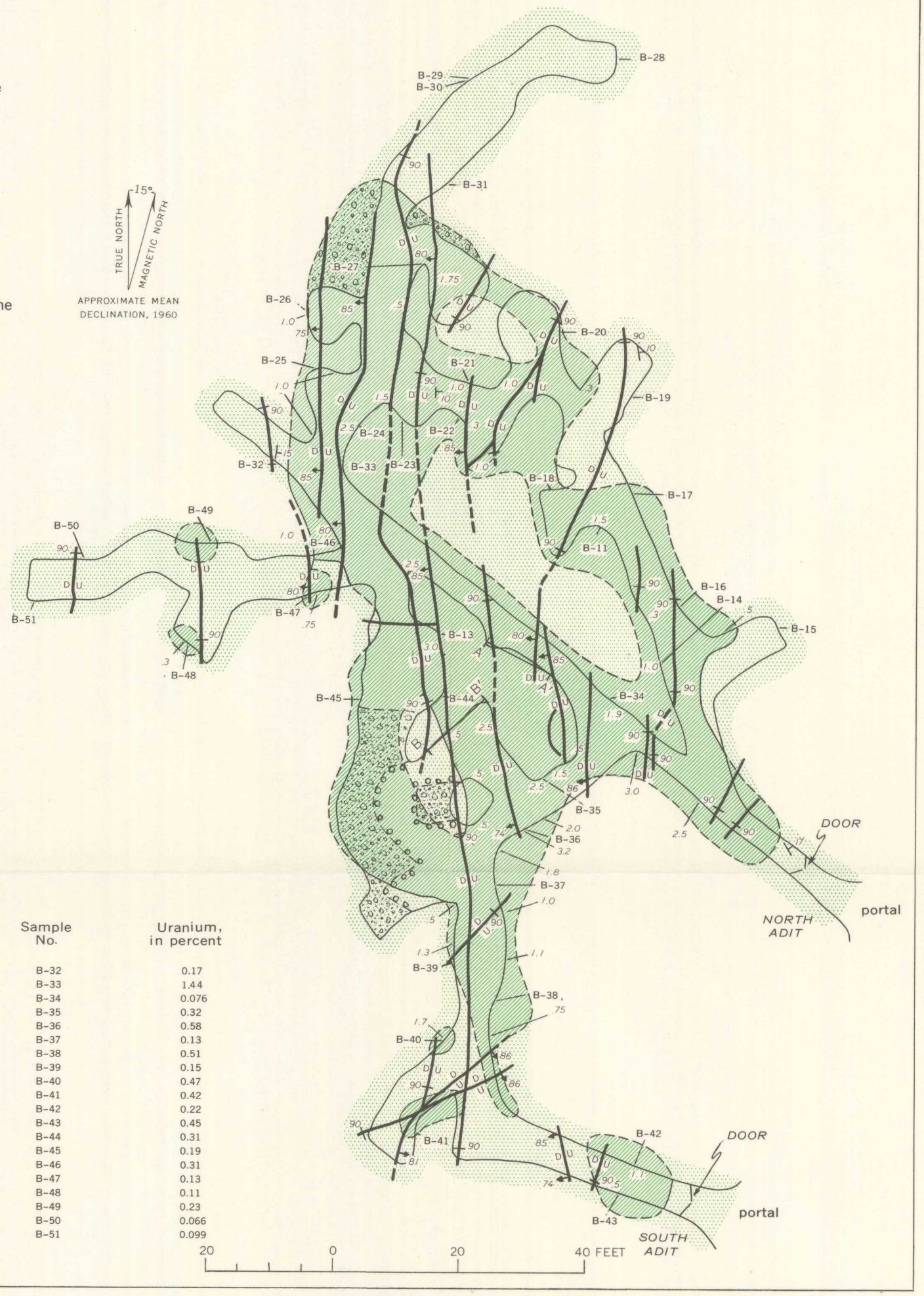
Note: All faults have less than 1 foot displacement

Strike and dip of cross-strata

Filled workings

Cribbing

Note: Sketches along A–A′ and B–B′ shown on figure 62



Sample No.	Uranium, in percent	Sample No.	Uranium, in percent
B-11	0.76	B-32	0.17
B-13	1.93	B-33	1.44
B-14	0.18	B-34	0.076
B-15	0.30	B-35	0.32
B-16	0.88	B-36	0.58
B-17	0.10	B-37	0.13
B-18	0.19	B-38	0.51
B-19	0.33	B-39	0.15
B-20	0.026	B-40	0.47
B-21	0.56	B-41	0.42
B-22	0.81	B-42	0.22
B-23	0.74	B-43	0.45
B-24	0.74	B-44	0.31
B-25	1.20	B-45	0.19
B-26	0.06	B-46	0.31
B-27	0.44	B-47	0.13
B-28	0.025	B-48	0.11
B-29	0.006	B-49	0.23
B-30	TRACE	B-50	0.066
B-31	0.062	B-51	0.099

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Geology and base by M. H. Bergendahl and C. S. Robinson, 1955

GEOLOGIC MAP OF THE UNDERGROUND WORKINGS OF THE CARLILE MINE, CROOK COUNTY, WYOMING