



SAMPLE DATA

Field Number	Thickness (Feet)	eU	U (Percent)	Cu	Description	Field Number	Thickness (Feet)	eU	U (Percent)	Cu	V ₂ O ₅	Se (ppm)	Description	Field Number	Thickness (Feet)	eU	U (Percent)	Cu	Description
40	—	0.008	—	2.74	Gray carbonaceous shale	91	—	—	—	—	—	—	Chalcoite and metatyuyamunite in sandstone	BZ 7	—	0.014	0.010	4.16	Arkosic sandstone
41	—	0.003	—	—	Black arkosic sandstone	97	5.5	0.004	—	0.49	<0.1	<2	Gray silty sandstone	BZ 8	—	0.065	0.048	6.39	Arkosic sandstone with metatyuyamunite
42	—	—	—	—	Chalcoite in sandstone	98	5.0	0.002	—	0.15	<0.1	<2	Yellow-brown silty sandstone	BZ 9	—	0.039	0.018	14.38	" "
43	—	0.006	—	4.08	" " "	99	2.4	0.005	0.002	0.22	<0.1	<2	Gray micaceous silty sandstone	BZ 10	—	0.001	0.001	—	Barren olive clay shale
44	—	0.005	—	—	Arkosic " "	100	0.5	0.010	0.009	4.65	0.26	10	Green " siltstone	BZ 11	—	0.001	<0.001	0.03	" gray "
45	—	—	—	—	Black arkosic "	101	0.9	0.004	—	0.91	0.30	<2	" " "	BZ 12	—	0.011	0.008	3.72	Shale and arkosic sandstone
46	—	—	—	—	Chalcoite nodules	102	1.7	0.005	0.004	1.34	0.18	3	" " "	BZ 13	—	0.018	0.015	4.65	Black carbonaceous shale
47	—	0.003	—	—	Green shale and sandstone	103	1.1	0.011	0.009	5.81	<0.1	3	" " "	BZ 14	—	—	—	—	Radioactive coaly fragment may contain uraninite (?)
48	—	0.005	—	1.46	Gray sandstone	104	—	—	—	—	—	—	Argillized arkosic sandstone						

FIGURE 9.— GEOLOGIC MAP OF AREA E SHOWING COPPER AND URANIUM DEPOSITS, COYOTE DISTRICT, MORA COUNTY, NEW MEXICO

Geology by D.C. Laub and G.W. Fuller, 1953