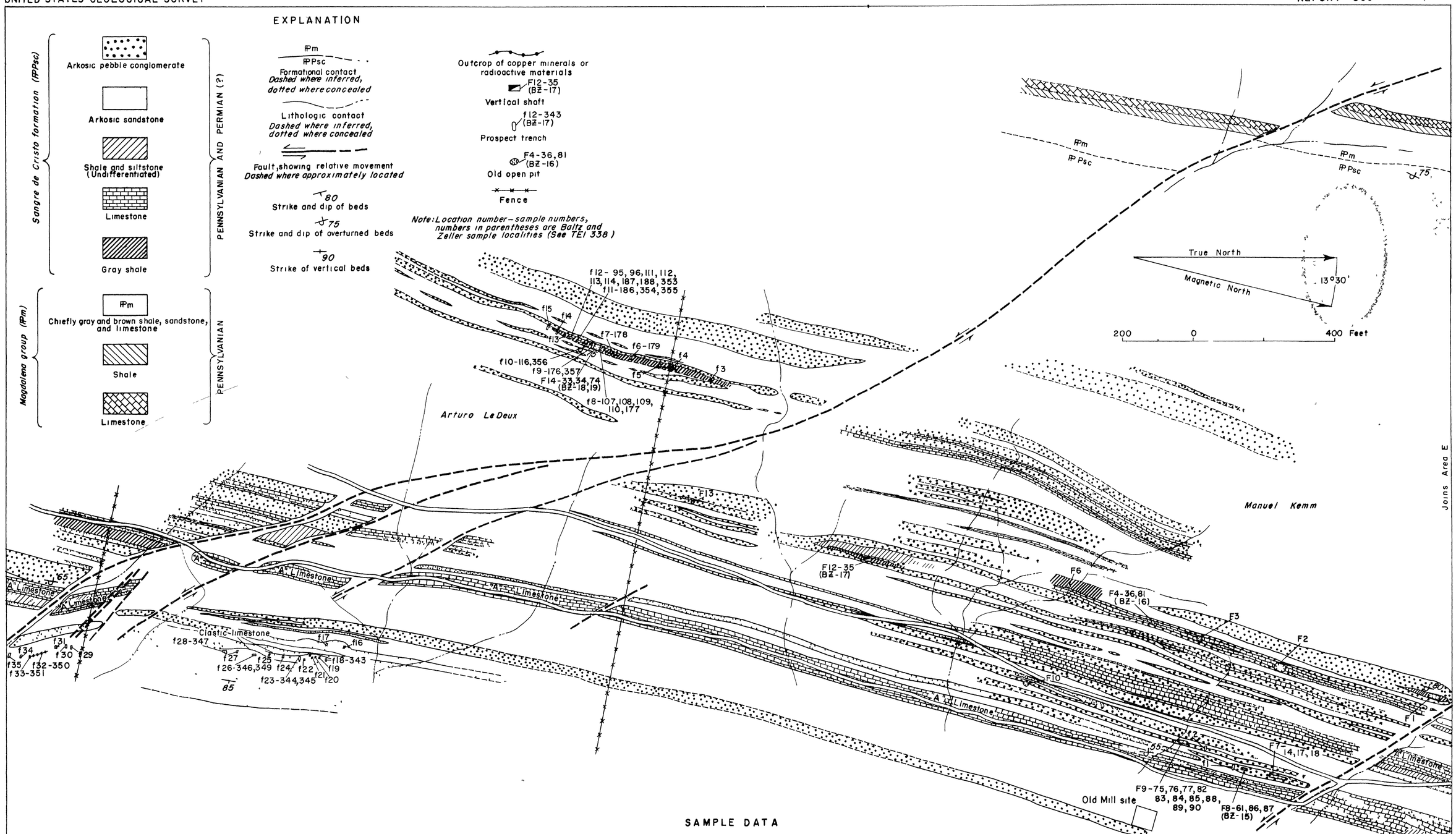

SAMPLE DATA

Field Number	Width (Feet)	eU	U (percent)	Cu	V_2O_5	Se (ppm)	Description
14	2 0	0 002	0 06				Green shale with carbon
17	–	062	–				Coaly seam in sandstone
18	2 0	001	02				Red micaceous siltstone
33	–	081	45				Metatyuyamunite specimens
34	–	082	–				Gray arkosic sandstone with metatyuyamunite
35	–	–	–				Chalcocite nodules
36	–	005	1 23				Green nodular limestone
61	–	–	–				Black and green arkose
74	–	–	–				Reddish arkose and sandstone
75	–	–	–				Weathered carbonaceous material
76	–	–	–				Black vanadiferous (?) sandstone
77	–	–	–				" " " "
81	–	–	–				Nodular recrystallized limestone
82	–	–	–				Gray sandstone with bornite
83	–	–	–				Black " " vitrain and metatyuyamunite
84	–	–	–				Ocherous-orange core of log
85	–	–	–				Radioactive limonitic sandstone
86	–	–	–				" carbonized log
87	–	–	–				" " "

Field Number	Width (Feet)	eU	U (percent)	Cu	V_2O_5	Se (ppm)	Description
88	–	–	–	–	–	–	Black and yellow-brown sandstone
89	–	–	–	–	–	–	Limonitic sandstone core of log
90	2 3	0 014	0 008	0 66	0 45	10	Green sandstone with carbon
95	–	–	–	–	–	–	" siltstone and sandstone
96	–	–	–	–	–	–	Yellow-green uranium mineral
107	0 8	005	002	0.17	<0 1	2	Black and red shale
108	0 7	009	006	60	<0 1	2	Black carbonaceous shale
109	1 4	005	003	33	<0 1	2	" " "
110	0 9	002	–	1 72	<0 1	2	Gray-green micaceous siltstone
111	1 8	025	017	2 09	<0 1	10	Black shale and arkosic sandstone
112	0 8	013	012	1 33	<0 1	2	Olive siltstone and black shale
113	–	–	–	–	–	–	Chalcocite nodules
114	–	–	–	–	–	–	Black shale
116	3 5	004	–	06	<0 1	< 2	Red, gray, and green shale
176	3 5	005	004	0.3	–	–	Gray, black and olive shale
177	1 4	007	005	.58	–	–	Olive and gray-green siltstone
178	3 4	003	004	–	–	–	" , gray and black shale
179	1.1	005	004	0 2	–	–	" and black shale
186	2 0	18	20	1 27	–	–	Pink arkosic sandstone, micaceous siltstone with metatyuyamunite

Field Number	Width (Feet)	eU	U (percent)	Cu	V_2O_5	Se (ppm)	Description
187	1 8	0063	042	.89	–	–	Pink sandstone and black shale
188	1 3	0 009	006	72	–	–	Olive-brown and black shale
343	2 1	015	006	02	0 29	–	Arkosic sandstone
344	1 2	042	027	10	0 90	–	Conglomerate sandstone with black clay galls
345	2 0	075	038	17	1 22	–	Pink conglomeratic arkosic sandstone
346	2 2	046	041	09	1 36	–	Gray-brown " "
347	1 3	038	024	09	0 32	–	Pink feldspathic sandstone
349	–	.20	18	20	2 07	–	Selected high grade, abundant metatyuyamunite
350	1 0	038	033	02	<0 1	–	Pink arkosic sandstone
351	1 2	044	036	02	<0 1	3	" " "
353	1 3	068	019	–	–	–	" " micaceous sandstone
354	1 4	025	019	–	–	–	Arkosic sandstone and black shale
355	–	81	85	–	2.92	50	Selected high-grade ore, abundant metatyuyamunite
356	0 6	035	026	–	–	–	Pink arkosic micaceous sandstone
357	1 6	010	.003	–	–	–	Arkosic micaceous sandstone
BZ-15	–	068	.067	13 65	–	–	Sandstone with carbonized wood
-16	–	–	–	–	–	–	Acicular limestone nodules with malachite
-17	–	004	0002	57 33	–	–	Chalcocite nodules
-18	–	054	032	0 66	–	–	Sandstone with disseminated malachite and metatyuyamunite
-19	–	039	026	0 41	–	–	" " " metatyuyamunite

FIGURE 10. — GEOLOGIC MAP OF AREA F SHOWING COPPER AND URANIUM DEPOSITS, COYOTE DISTRICT, MORA COUNTY, NEW MEXICO

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

GPO 836308