

SAMPLE DATA							Description
Field Number	Width (Feet)	eU	U	Cu (Percent)	V ₂ O ₅	Se (ppm)	
58	-	-	-	-	-	-	Chalcoite nodules
59	-	0.004	-	-	-	-	Gray-green shale
60	-	0.004	-	0.15	-	-	" " "
65	-	0.006	0.004	0.88	<0.1	2	Dark gray micaceous siltstone
66	-	-	-	-	-	-	Black carbonaceous shale
67	-	-	-	-	-	-	Wood replaced by chalcoite
68	-	-	-	-	-	-	Chalcoite nodules
69	-	-	-	-	-	-	Large chalcoite nodules
70	3.4	0.008	0.005	2.38	<0.1	2	Black carbonaceous shale
71	2.0	0.005	0.003	2.14	<0.1	2	Gray-green
72	-	-	-	-	-	-	Chalcoite nodules
73	-	-	-	-	-	-	" " "
337	4.0	0.01	0.004	2.63	-	-	Black shale with chalcoite nodules
338	1.0	0.008	0.002	1.01	-	-	" " " " "
339	1.3	0.005	0.001	1.91	-	-	" " " " "
340	1.7	0.004	0.001	1.61	-	-	" " " " "
341	1.7	0.005	0.001	1.94	-	-	" " " " "
342	6.0	0.007	0.004	1.04	-	-	" " " " "
414	2.1	0.016	0.009	0.09	<0.1	-	Cross-bedded silty sandstone
415	0.6	-	-	-	-	-	Yellow-brown micaceous sandstone
416	4.1	0.019	0.012	0.08	0.17	-	Yellow sandstone
417	2.1	0.034	0.016	0.56	-	-	Gray-green shale and yellow sandstone
418	1.5	0.010	0.006	0.02	-	-	Micaceous sandstone
419	0.9	0.023	0.011	0.20	-	-	" " "
420	0.6	0.003	0.002	0.05	-	-	Yellow-green micaceous sandstone
BZ 1	-	0.009	0.006	2.21	-	-	Dark-gray carbonaceous shale
BZ 2	-	0.007	0.007	1.73	-	-	Arkosic sandstone with chalcoite and malachite
BZ 3	2.0	0.020	0.004	2.51	-	-	Black carbonaceous shale
BZ 4	-	0.007	0.003	2.72	-	-	" " " " with chalcoite nodules and carbonized plant remains

EXPLANATION

- Arkosic pebble conglomerate
 - Arkosic sandstone
 - Shale and siltstone (undifferentiated)
 - Limestone
 - Gray shale
 - Chiefly gray and brown shale, sandstone, and limestone
- Sangre de Cristo formation*
- Magdalena group*
- PENNSYLVANIAN AND PERMIAN (?)
- PENNSYLVANIAN

- IPm
- IPpsc
- Formational contact
- Dashed where inferred, dotted where concealed
- Lithologic contact
- Dashed where inferred, dotted where concealed
- Fault, showing relative movement
- Dashed where approximately located
- Strike and dip of beds
- Strike and dip of overturned beds

- Outcrop of copper minerals or radioactive materials
- Adit
- Prospect trench
- Location number - sample numbers, numbers in parentheses are Baltz and Zeller sample localities (See TEI 338)
- Old Pit
- Location number - sample numbers, numbers in parentheses are Baltz and Zeller sample localities (See TEI 338)
- Dump
- Fence

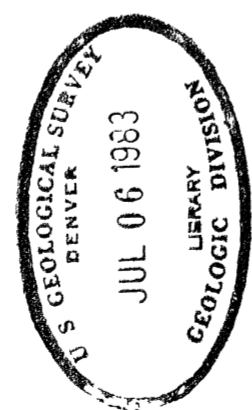


FIGURE 8.— GEOLOGIC MAP OF AREA C SHOWING COPPER AND URANIUM DEPOSITS, COYOTE DISTRICT, MORA COUNTY, NEW MEXICO

Geology by C M Tschanz and G W Fuller, 1953