



Scale 1:48,000  
CONTOUR INTERVAL 100 FEET  
ELEVATION IN FEET  
Geology from Bergquist and others (1955)

Map area	Resource potential	Criteria used to define areas	Significance	Distance from occurrence
MR1	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR1	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR2	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR2	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR3	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR3	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR4	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR4	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR5	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR5	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR6	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR6	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR7	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR7	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR8	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR8	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.
MR9	High	(a) Presence of basal limestone (b) Proximity of dike sill (c) Anticlimax structure	MR9	Basal limestone, white (and siliceous) phos. and schistose. Analyses show high contents of copper, molybdenum, lead, and silver.

Report number	Name	Location	Commodity <sup>1</sup>	Type of deposit <sup>2</sup>	Development <sup>3</sup>	Brief description <sup>4</sup>	Reference
1	Shady Main	W1/A sec. 21, T. 7 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate concentrations of long-grained fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
2	Wash	W1/A sec. 21, T. 7 N., R. 14 E.	U	do.	P/T	Moderate concentrations of long-grained fractures in the black facies of the Rippling Spring Quartzite.	Do.
3	Wash	do.	U	do.	P/T	Long-grained quartz concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Do.
4	Andy Camp	W1/A sec. 24, T. 7 N., R. 14 E.	U	do.	P/A	Low to high-grade uranium concentrations in the black facies of the Rippling Spring Quartzite.	Schwartz, 1957; Conger and Reep, 1956, b
5	Wash	W1/A sec. 24, T. 7 N., R. 14 E.	F	Hydrothermal	W/A	Fluorapatite in 1 to 1 1/2 ft wide irregularly shaped fractures in the black facies of the Rippling Spring Quartzite. Produced approximately 30,000 tons average 50% uranium and 6 tons average 50% thorium.	Wash, 1957; Conger and Reep, 1956, b
6	Wash No. 8	W1/A sec. 1, T. 8 N., R. 14 E.	Co	do.	P/A	Abundant copper concentration along irregularly shaped fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
7	Wash through Big Box	W1/A sec. 4, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Low to moderate-grade uranium concentrations along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
8	Wash through Big Box	W1/A sec. 4, T. 8 N., R. 14 E.	U	do.	P/T	Long-grained uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Do.
9	Wash through Big Box	W1/A sec. 4 and W1/A sec. 7, T. 8 N., R. 14 E.	U	do.	W/T	Low to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite. Produced 11 tons average 50% uranium and 6 tons average 50% thorium.	Shay, 1951; Williams, 1951; Conger and Reep, 1956, b
10	Gold Creek	W1/A sec. 10, T. 8 N., R. 14 E.	Al, Co	Hydrothermal	P/T	Abundant silver and copper in shear zone in lower Rippling Spring Quartzite.	Wash, 1957; Conger and Reep, 1956, b
11	Wash	W1/A sec. 10, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	W/T	Low to high-grade uranium in disseminated concentrations along a small irregularly shaped fracture in the black facies of the Rippling Spring Quartzite. Produced 11 tons average 50% uranium and 6 tons average 50% thorium.	Conger and Reep, 1956, b
12	Wash	W1/A sec. 10, T. 8 N., R. 14 E.	Admetite	Contact metamorphic	P/T	Moderate to high-grade uranium in disseminated basal limestone.	See Reep, 1956; Conger and Reep, 1956, b
13	Gold Creek	W1/A sec. 10, T. 8 N., R. 14 E.	Al, Co	Hydrothermal	P/T	Abundant silver and copper in shear zone in lower Rippling Spring Quartzite.	Wash, 1957; Conger and Reep, 1956, b
14	Wash	W1/A sec. 11, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Long-grained uranium locally concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
15	Wash	W1/A sec. 7, W1/A sec. 10, W1/A sec. 17, T. 8 N., R. 14 E.	Admetite	Contact metamorphic	W/T	Moderate to high-grade uranium in disseminated basal limestone.	Reep, 1956
16	Lucky Spring and Wash	W1/A sec. 15, T. 8 N., R. 14 E.	Admetite	do.	W/T	Abundant chrysotile asbestos in disseminated basal limestone.	Reep, 1956
17	Wash	W1/A sec. 21, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
18	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
19	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
20	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
21	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
22	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
23	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
24	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
25	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
26	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
27	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
28	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
29	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
30	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
31	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
32	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
33	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
34	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
35	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
36	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
37	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
38	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
39	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
40	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
41	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
42	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
43	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
44	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
45	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
46	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
47	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
48	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956
49	Wash	W1/A sec. 14, T. 8 N., R. 14 E.	U	Hydrothermal with secondary supergene enrichment	P/T	Moderate to high-grade uranium concentrated along well-defined fractures in the black facies of the Rippling Spring Quartzite.	Conger and Reep, 1956

MAP SHOWING MINERAL RESOURCE POTENTIAL OF THE SIERRA ANCHA WILDERNESS AND SALOME STUDY AREA, GILA COUNTY, ARIZONA  
By J. K. Otton, T. D. Light, A. F. Shride, J. R. Bergquist, C. T. Wrucke, P. K. Theobald, J. S. Duval, and D.M. Wilson  
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Explains symbol accompanying map