Table 15.--Composition of Chinle Formation rocks above ore in drill core from sec. 2, T. 30 S., R. 24 E.

Analysts: Spectrographic, N. M. Conklin; Arsenic, C. Huffman, Jr.; Calcium, D. L. Ferguson; Selenium, G. T. Burrow; Percent equivalent uranium, C. G. Angelo; Uranium, E. J. Fennely; Zinc, W. D. Goss

Field Number	Laboratory Number	Brief sample description	Distance above ore in feet	Analytical data expressed in percent 1/																														
				Al	Fe	Mg	Ca	Na	K	Ti	Mn	As	B	Ba	Be	Ce	Co	Cr	Cu	Ga	La	Mo	Nb	Nd	Ni	Pb	Sc	Se	Sr	eU	U	V	Y	Yb	Zn	Zr
K-56-32	243891	Very fine to fine-grained sandstone	14.8-17.6	X.	X.-	.X+	X.+	X.-	X.-	.X	.0X+	<.0005	.00X+	.0X	0	0	.000X+	.00X	.00X-	.000X	.00X	0	.00X-	0	.00X-	Tr	.000X+	<.00005	.0X+	<.001	.0004	.00X+	.00X	.000X+	.0030	.0X+
K-56-33	243892	Mudstone pebble conglomerate	14.0-14.8	X.	X.-	.X+	14.0	X.-	X.	.X-	.X-	.0020	.00X	.0X-	0	0	.00X-	.00X	.00X	.000X	.00X	0	0	0	.00X-	.00X-	.000X+	<.00005	.0X	.001	.0003	.00X+	.00X	.000X+	.0030	.0X
K-56-34	243893	Very fine to fine-grained sandstone	12.2-14.0	X.	X.-	X.-	X.	X.-	X.-	.X	.0X+	<.0005	.00X+	.0X+	0	0	.000X+	.00X	.00X-	.000X	.00X	0	.00X-	0	.00X-	Tr	.000X+	.00005	.0X-	<.001	.0002	.00X+	.00X	.000X+	.0040	.0X+
K-56-35	243894	Very fine to fine-grained sandstone	11.2-12.2	X.	X.-	.X+	X.+	X.-	X.-	.X	.0X+	<.0005	.00X+	.0X	0	0	.000X+	.00X	.00X-	.000X	.00X	0	.00X-	0	.00X-	Tr	.000X+	<.00005	.0X	.002	.0009	.00X+	.00X	.000X	.0030	.0X+
K-56-36	243895	Mudstone pebble conglomerate	10.0-11.2	XX.	X.	X.	X.	X.-	X.	.X+	.0X+	.0013	.0X-	.0X	.000X	Tr	.00X	.00X+	.00X	.00X-	.00X+	0	.00X-	0	.00X	.00X-	.00X-	<.00005	.0X	.002	.0004	.0X-	.00X	.000X+	.0060	.0X
K-56-37	243896	Mudstone pebble conglomerate 2/	9.2-10.0	X.+	X.-	X.-	12.6	X.-	X.	.X	.X-	.0007	.00X	.0X-	.000X-	0	.00X-	.00X	.0X-	.000X	.00X	0	0	0	.00X	.00X	.000X+	<.00005	.0X	.001	.0008	.00X+	.00X	.000X	.0040	.0X
K-56-38	243897	Conglomeratic sandstone	8.2- 9.2	X.	.X+	.X+	19.2	X.-	X.	.X-	.X	.0005	Tr	.0X-	0	---	.000X+	.00X	.00X-	Tr	.00X	.00X-	0	0	.000X+	.00X-	.000X+	<.00005	.0X	.002	.0012	.00X	.00X	.000X	.0040	.0X
K-56-39	243898	Conglomeratic sandstone	7.2- 8.2	X.	.X+	X.-	19.0	X.-	X.	.X-	.X	.0020	Tr	.0X	0	---	Tr	.00X-	.00X-	Tr	.00X	.00X-	0	0	.000X+	.00X-	.000X+	<.00005	.0X+	.003	.0012	.00X	.00X	.000X	.0010	.00X+
K-56-40	243899	Limestone-pebble conglomerate	6.2- 7.2	X.	X.-	X.-	24.2	X.-	X.	.X-	.X	.0015	Tr	.0X	0	---	.00X-	.00X	.00X-	Tr	.00X	.00X+	0	0	.00X-	.00X-	Tr	<.00005	.0X+	.003	.0014	.00X+	.00X	.000X	.0010	.00X+
K-56-41	243900	Limestone-pebble conglomerate	5.2- 6.2	X.	.X+	X.-	20.5	X.-	X.	.X-	.X	.0007	Tr	.0X	0	---	.000X+	.00X	.00X-	.000X	.00X	.00X	0	0	.000X+	.00X	.000X+	<.00005	.0X+	<.001	.0014	.00X	.00X	.000X	.0020	.00X+
K-56-42	243901	Limestone-pebble conglomerate	4.2- 5.2	X.	X.-	X.-	23.7	X.-	X.	.X-	.X-	.0028	Tr	.0X	0	---	.000X+	.00X	.00X-	Tr	.00X+	.000X+	0	0	.000X+	.00X	.000X+	<.00005	.0X+	.002	.0015	.00X+	.00X+	.000X+	.0020	.0X-
K-56-43	243902	Conglomeratic sandstone	3.2- 4.2	X.	.X+	.X+	16.1	.X+	X.-	.X-	.X-	.0018	Tr	.0X-	0	---	.000X+	.00X-	.00X-	Tr	.00X	.00X-	0	0	.000X+	.00X	Tr	<.00005	.0X	.001	.0014	.00X+	.00X	.000X	.0010	.00X+
K-56-44	243903	Very fine to coarse-grained sandstone	2.2- 3.2	X.	X.-	X.-	11.6	.X+	X.	.X	.X-	.0009	Tr	.0X	0	0	.00X-	.00X	.00X-	Tr	.00X	.00X	.00X-	0	.00X-	Tr	.000X+	<.00005	.0X	.001	.0011	.00X+	.00X	.000X	.0040	.0X-
K-56-45	243904	Siltstone and very fine-grained sandstone	1.6- 2.2	XX.	X.	X.	.X	X.-	X.	.X+	.0X	.0019	.0X-	.0X	.000X+	Tr	.00X	.00X+	.00X+	.00X	.00X+	.0X-	.00X	Tr	.00X+	.00X	.00X	<.00005	.0X	.019	.0210	.0X-	.00X+	.000X+	.0060	.0X
K-56-46	243905	Fine to very fine-grained sandstone	0.7- 1.6	X.	X.-	.X+	.X-	.X+	X.-	X.-	.0X-	<.0005	.00X	.0X	0	0	.000X+	.00X-	.00X	.000X-	.00X	.00X-	.00X-	0	.000X+	.00X	0	<.00005	.00X	.008	.0079	.00X	.00X-	.000X	.0070	.0X
K-56-47	243906	Siltstone and very fine-grained sandstone	0 - 0.7	XX.	X.	X.	.X	X.-	X.	.X+	.0X	.0017	.0X-	.0X	.000X+	Tr	.00X	.00X+	.00X+	.00X	.00X+	.00X-	.00X	Tr	.00X+	.00X+	.00X	<.00005	.0X	.017	.0065	.0X-	.00X+	.000X+	.0080	.0X

1/ See table 2 for explanation of symbols used.

2/ This sample contains 0.00X- percent tin.