

Table 2. Lithology, chemical analyses, and color of 350 rocks and soils^{1/} of the A. E. C. FR

series drill cores from the Clarabelle area, Fall River County, South Dakota

(500)
R295
no. 12-200

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Sample Number	F. R. Series drill hole number	Lithology	color ^{1/}	Depth in feet	Sample thickness in feet	U ppm	Fe %	V %
54-5001	27-3	Mudstone, calcareous	10YR7/4-5Y8/4	4-5	1	4	1.0	<.03
109 02	Do	Mudstone	10YR7/4	5-8	3	2	1.3	.03
110 03	Do	Mudstone	10YR8/2	8-10	2	<2	0.5	<.03
111 04	Do	Mudstone	10YR7/4	10-11	1	4	1.3	Do
112 05	Do	Sandstone, fine-grained	10YR8/2	11-12	1	<2	0.3	Do
113 06	Do	Claystone	10YR7/4-5Y7/2	12-17	5	Do	2.0	Do
114 07	Do	Sandstone, very fine-grained, and mudstone	5Y7/2	17-23 $\frac{1}{2}$	6 $\frac{1}{2}$	Do	1.5	Do
115 08	Do	Mudstone	5GY6/1	23 $\frac{1}{2}$ -26	2 $\frac{1}{2}$	Do	1.6	Do
116 09	Do	Mudstone	5Y6/1	26-29	3	Do	1.9	Do
117 10	Do	Mudstone	5Y6/1	29-38	9	Do	1.1	Do
118 11	Do	Mudstone, calcareous	5YR8/1-5YR6/1	38-41	3	Do	0.6	Do
119 12	Do	Mudstone	5Y6/1	41-50	9	Do	2.0	Do
120 13	Do	Sandstone, very fine-grained	10YR8/2	50-63	13	Do	0.5	Do
121 14	Do	Sandstone, fine-grained, calcareous	10R8/2	63-76	13	Do	0.2	Do
122 15	Do	Sandstone, fine-grained	5Y8/1	76-79	3	Do	0.1	Do
123 16	Do	Mudstone	10YR4/2	79-83	4	16	1.3	.03
124 17	Do	Do	5Y4/1	83-86	3	12	3.4	.03
125 18	Do	Sandstone, fine-to medium-grained	10YR8/2	86-93	7	<2	1.0	<.03
126 19	Do	Do	10YR8/2	93-94 $\frac{1}{2}$	1 $\frac{1}{2}$	2	0.3	Do
127 20	Do	Do	5Y8/1	94 $\frac{1}{2}$ -110 $\frac{1}{2}$	16	12	0.3	Do
128 21	Do	Sandstone, fine-grained, calcareous	5YR6/1-5YR8/1	110 $\frac{1}{2}$ -116	5 $\frac{1}{2}$	12	0.5	Do
129 22	Do	Mudstone, calcareous	5Y4/1	116-124	8	16	2.0	Do
130 23	28	Mudstone	10YR8/6	16-29	13	<2	1.3	Do

^{1/}The rock-color chart committee, Rock-color chart, National Research Council, Washington, D. C., 1948.