Mon-201

ROCK SALT SECTION IN THE ROSA B. WOLFE NO. 1 WELL AT GREER, W.Va.

Feb. 15, 1954

Top	Bottom	
8380	8384	Salt, clear, coarsely crystalline, 62%; anhydrite, medium dark to dark gray, highly calcareous to anhydritic limestone, argillaceous, 38%
8384	8386	Salt, clear, coarsely crystalline, 50%; anhydrite, white to light gray and some medium dark gray to grayish black limestone to dolomite, 50%
8386	8388	Salt, clear, coarsely crystalline, 82½%; anhydrite, medium gray, some dark gray (shaly), calcareous with some dark gray to brownish black, shaly limestone, 17½%
8388	8391	Salt, clear, coarsely crystalline, 77½%; anhydrite, medium to dark gray (shaly), highly calcareous with some anhydritic limestone and small amount of grayish black, highly calcareous shale, 22½%
8391	8393	Salt, clear, coarsely crystalline, 85%; anhydrite, medium dark to dark gray, calcareous and Limestone, grayish bla ck to brownish black, shaly, 15%
8393	8395	Salt, clear, coarsely crystalline, 87%; anhydrite, dark gray, calcareous with some clear crystalline calcite and some brownish black to grayish black limestone, 13%
8395	8397	Salt, clear, coarsely crystalline, 75%; anhydrite, white to dark gray, somewhat shaly and some brownish black to grayish black limestone to shale, 25%
8397	8399	Salt, clear, coarsely crystalline, 81½%; anhydrite, light to dark gray, some clear crystalline, calcareous, and Limestone, brownish black to grayish black, dolomitic, shaly, 18½%
8399	8401	Salt, clear, coarsely crystalline, 70%; anhydrite, medium to dark gray, some clear crystalline, calcareous, and limestone, brownish black to grayish black, with some calcareous shale, 30%
8401	8402	Salt, clear, very coarsely crystalline, 79%; anhydrite, dark gray to light gray, clear crystalline, shaly and small amount of grayish black to brownish black limestone to calcareous shale, 21%
8402	8404	Salt, clear, coarsely crystalline, 94%; anhydrite, clear to light gray, medium to dark gray (shaly), calcareous, 16%
8404	8405	Salt, clear, coarsely crystalline, 82%; anhydrite, clear to medium gray, dark gray (shaly), somewhat calcareous and some limestone to calcareous shale, grayish black, dolomitic in part, 18%
8405	8409	Salt, clear, crystalline, 86.2%; limestone, dark gray to grayish black, shale to calcareous shale, dolomitic and a large amount of anhydrite, clear to medium gray, 13.8%
8409	8411	Salt, clear, coarsely crystalline, 92%; anhydrite, clear and medium to dark gray (shaly), calcareous, dolomitic in part, 8%
8411	8413	Salt, clear, coarsely crystalline, 86%; anhydrite, medium to dark gray, contains grayish black (shaly) material, some clear crystalline, highly calcareous, 14%
8413	8415	Salt, clear, coarsely crystalline, 92%; anhydrite to shale, dark gray to grayish black, some medium gray, calcareous, 8%

8415	8416	Salt, clear, coarsely crystalline, 46½%; anhydrite, medium dark to dark gray, highly calcareous, dolomitic and limestone, brownish black, 53½%
8416	8419	Salt, clear, coarsely crystalline, 15½%; limestone grayish black to brownish black, highly dolomitic and a large amount of dark gray to brownish black calcareous dolomite to anhydrite (some anhydrite is clear, crystalline), 84½%
8419	8421	Salt, clear, coarsely crystalline (much salt is mixed with dark material), 57½%; limestone to anhydrite, medium dark gray to grayish black, somewhat shaly, highly dolomitic, 42½%
8421	8424	A very little salt, 4.5% ?; Limestone to dolomite, dark gray, slightly shaly, anhydritic, 94½%
8424	8426	Dolomite to anhydrite, dark gray to grayish black, calcareous, argillaceous, 95½%
8426	8429	Anhydrite to limestone, medium to dark gray, brownish black to grayish black, dolomitic in part, argillaceous, 91.0%; a very small amount of salt
8429	8431	Anhydrite, medium dark gray to grayish black, highly calcareous, dolomitic, argillaceous, probably over 90.0%; a small amount of salt, 10%?
8431	8433	Salt, clear, coarsely crystalline, probably about 80%; anhydrite, medium dark gray to grayish black, highly calcareous, dolomitic, argillaceous, 20%?
8433	8440	Salt, clear, coarsely crystalline, 86%; anhydrite, dark gray, highly calcareous, argillaceous, dolomitic in part, 14%
8440	8443	Salt, clear, coarsely crystalline, 80%; anhydrite, dark gray, some medium dark gray, very highly calcareous and highly dolomitic in the upper part, slightly calcareous with some clear crystalline anhydrite in the lower part, argillaceous 20%
8443	8445	Salt, clear, coarsely crystalline, 67%; anhydrite-dolomite, medium dark to dark gray, calcareous, argillaceous, 33% SP
8445	8447	Salt, clear, coarsely crystalline, 87%; anhydrite-dolomite, medium dark to dark gray, calcareous, argillaceous, 13% SP
8447	8449	Salt, clear, coarsely crystalline, 90.8%; anhydrite, dark gray, some grayish black, shaly, somewhat calcareous, 9.2%
8449	8451	Salt, clear, coarsely crystalline, 81.4%; anhydrite, medium dark to dark gray, dolomitic, argillaceous and some brownish black limestone, 18.6% SP
8451	8453	Salt, clear, coarsely crystalline, 92%; anhydrite, dark gray to grayish black, argillaceous and small amount of brownish black limestone, 8%
8453	8454	Salt, clear, coarsely crystalline, 90.6%; anhydrite, medium dark to dark gray, highly calcareous, somewhat argillaceous, 9.4%
8454	8458	Salt, clear, coarsely crystalline, 93%; anhydrite, dark gray, highly dolomitic, calcareous, shaly, 7%
8458	8461	Salt, clear, crystalline, 14.7%; anhydrite, dark gray to grayish black, highly calcareous, highly dolomitic in part, shaly, 85.3%

8461	8463	Salt, clear, crystalline, 29%; anhydrite, dark gray, ~~slightly~~ grayish black, dolomitic to an anhydritic dolomite, calcareous, somewhat shaly, 71.0%
8463	8468	No sample
8468	8471	Salt, clear, coarsely cryatalline, 92.9%; anhydrite, medium dark to dark gray, some clear crystalline, calcareous, 7.1%
8471	8473	Salt, clear, coarse crystalline, 86.1%; anhydrite, dark gray, slightly clear to light gray, calcareous, dolomitic in part, argillaceous, 13.9% SP
8473	8476	Salt, clear, coarse crystalline, 82.3%; anhydrite, medium dark to dark gray, some clear to light gray, calcareous to anhydritic limestone, dolomitic, shaly in part, 17.7%
8476	8478	Salt, clear, crystalline, 65.4%; anhydrite, medium dark to dark gray, highly calcareous, very shaly in part, 34.6%
8478	8479	Salt, clear, coarsely crystalline, 40.3%; anhydrite, dark gray to grayish black, dolomitic, somewhat calcareous, shaly, 59.7%
8479	8480	Salt, clear, coarsely crystalline, 41%; anhydrite to shale, dark gray to grayish black, dolomitic, 59%
8480	8481	Anhydrite-dolomite, dark gray to grayish black, calcareous, argillaceous, 98.3%
8481	8487	Anhydrrite to dolomite, medium to dark gray, calcareous, somewhat shaly, 97.9%
8487	8492	Anhydrite to limestone, medium dark gray, dolomitic, argillaceous, 96.2%
8492	8497	Limestone, grayish black, very highly argillaceous, and limestone to anhydrite, dark gray, some light to medium gray, 98.6%
8497	8502	Salt, 8.6%; anhydrite, medium dark to dark gray, highly calcareous, somewhat argillaceous, 91.4%
8502	8508	Salt, clear, coarsely crystalline, 55.3%; anhydrite, medium dark to dark gray, some medium gray, highly calcareous, somewhat argillaceous, 44.7%

On account of difficulties in handling the tools, most of the sand pumpings are cavings from above the intervals marked on the sample bags. Many of the larger pieces represent the tougher, impure streaks rather than the salt, which actually composes the bulk of the section.

Samples of intervals from which cuttings alone were recovered contain a large amount of cavings. This will decrease the total percentage of salt recovered in any one sample and give the impression of a much higher per cent residue than actually exists in the section.

The following intervals represent the depth from which good cores were recovered and the approximate length of each core:

8384 to 8386	-	18"
8397 to 8399	-	4"
8401 to 8402	-	5"
8402 to 8404	-	14"
8404 to 8405	-	8"
8411 to 8413	-	18"
8413 to 8415	-	24"
8440 to 8443	-	15"
8443 to 8447	-	3"
8447 to 8449	-	14"
8451 to 8453	-	5"
8453 to 8454	-	6"
8458 to --	-	2"
8458 to 8461	-	30"
8480 to 8481	-	12"

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