

WELL NO. 0155

0 - 30	Soil
30-37	70% Gy. & Br. Sh., 30% Red Sdy. Slt. St.
37 - 45	100% Gy. Pyritic Sh.
45 - 52	95% Gy. Sh., 5% Red Slt. St.
52 - 58	" " " " " " "
58 - 62	70% Gy. Slt. St., 30% Gy. & Blk Sh.
62 - 64	60% Gy., Br. & Blk Slt. Sh., 40% Slt. St.
64 - 69	50% Gy. & Br. Sh., 50% Gy. Slt. St.
69 - 73	70% Gy., Br. & Red Slt. St., 30% Gy. Sh.
73 - 80	60% Red Gy. & Br. Sh., 40% Slt. St.
80-86	100% Gy. & Br. Sh.
86 - 91	80% " " " 20% Slt. St.
91 - 94	Very fine Sd.
94 - 99	85% Gy. Sh., 15% Gy. Slt. St.
99 - 106	65% Gy. & Br. Slt. St., 35% Sh.
106 - 110	75% " " " " 25% Sh.
110 - 117	" " " " " "
117 - 123	65% " " " " 35% Sh. Gy. & Br.
123 - 130	60% Gy. & Br. Slt. Sh., 40% Slt. St.
130-134	" " " Mica. Sh. 40% Slt. St.
134 - 140	65% " " Slt. St., 35% Gy. & Br. Sh.
140 - 148	" " " Sh. 35% Gy. Slt. St.
148 - 154	80% " " " 20% " " "
154 - 160	" " " " " " " "
160 - 165	65% " " " 35% " " "
165 - 170	85% " " " 50% " " "
176 - 181	50% Gy. & Br. Sh., 50% Gy. & Br. Slt. St.

181 - 187	70% Gy. & Br. Sh., 30% Gy. & Br. Slt. St.
187 - 196	60% " " " 40% " " " "
196 - 201	75% " " " 25% " " " "
201 - 206	80% Gy. & Blk. Sh. 20% " " " "
206 - 209	" " " " " " " "
209 - 214	" " & Blk. " " " " "
214 - 220	60% " " " 40% " " " "
220 - 228	" " " " " " " "
228 - 234	" Gy. Sh 40% Gy. Slt. St.
234 - 240	" " " " " " " "
240 - 245	50% " " " " " " "
245 - 252	70% Gy. Mica. Sh. 30% Gy. Slt. St.
252 - 258	50% " Sh. 50% Gy. Slt. St.
258 - 264	" " " " " " "
264 - 270	" " " " " " "
270 - 280	70% Gy. & Blk. Sh. 30% Slt. St.
280 $\frac{1}{2}$ 284	50% Gy. Sh., 50% Gy. & Br. Slt. St.
284 - 289	" " " " " " "
289 - 300	70% Gy. & Br. Sh., 30% " " "
300 - 305	" " " " " " "
305 - 312	80% Gy. Silty Sh., 20% Gy. Slt. St.
312 - 317	" " " " " " "
317 - 324	80% Gy. Mica. Sh., 20% " " "
324 - 328	50% Gy. Sh., 50% Gy. Slt. St.
328 - 335	40% Gy. Sh., 60% Gy. Slt. St.
335 - 344	70% Gy. & Br. Silty. Sh, 30% Gy. Slt. St.
344 - 349	85% Gy. & Br. Sh., 15% Slt. St.

COPY

Well #6976

Rockingham County, Va.

206-89

349 - 354	60% Gy. & Br. Sh. 40% Slt. St.
354 - 360	80% Lt. Gy. Slt. St. 20% Gy. Sh.
360 - 363	55% Gy. Slt. St. 45% Gy. Sh.
363 - 378	75% Gy. & Br. Slt. St. 25% Gy. Sh.
378 - 386	40% Gy. Sh., 50% Gy. & Br. Slt. St., 10% Fine qtz. Sd.
392 - 397	80% Gy. Sh., 15% Gy. Sh., 5% Sd., Pyrite Encrustations
397 - 403	70% Gy. Slt. St., 30% Gy. Sh.
403 - 408	" " " " " " "
408 - 413	" " & Br. Slt. St. 30% Gy. Sh.
413 - 416	" " " " " 30% Gy. & Br. Sh.
418 - 425	" " " " " " " "
425 - 432	60% Gy. & Br. Sh., 40% Gy. & Br/ Slt. St.
432 - 441	70% Gy. & Br. Silty Sh. 30% Gy. & Br. Slt. St.
441 - 450	" " " " " " " " "
450 - 457	80% " " " " 20% Gy. Slt. St.
457 - 465	" " " " " " " "
465 - 475	" " " " " " " "
475 - 492	" " " " " " " "
499 - 505	90% " " " " 10% " " "
5050-510	" " " " " " " "
510 - 516	85% " " " " 15% " " " Pyrite
516 - 521	" " " " " " " "
521 - 526	45% Gy. Sh., 65% Gy. Slt. St.
526 - 527	25% Gy. & Br. Sh., 75% Gy. & Br. Slt St.
527 - 530	60% Gy. Silty. Sh., 40% Gy. Slt. St.

530 - 540	50% Gy. & Br. Slt. Sh., 50% Gy. Slt. St.
540 - 550	50% Gy. Sh., 50% Gy. Slt. St.
550 - 560	30% Gy. Sh., 70% Gy. & Br. Slt. St.
560 - 570	40% " " 60% Gy. Slt. St.
570 - 579	35% " " 65% Gy. Slt. St.
579 - 585	45% Gy. Sh., 55% Gy. & Br. Slt. St.
585 - 590	30% " " 70% Gy. Slt. St.
590 - 595	25% Gy. Sh. 75% Gy. Slt. St.
595 - 600	40% Mica Gy. Sh., 60% Gy. Slt. St.
605 - 611	30% Gy. Sh. 70% Gy. Slt. St.
611 - 620	30% Gy. Sh. 70% " " "
620 - 630	" " " " " " "
630 - 640	" " " " " " "
640 - 647	50% Gy. & Blk. Sh., 50% Gy. Slt. St.
647 - 754	40% Gy. & Blk. Sh. 60% " " "
654 - 659	30% Gy. & Br. Sh., 75% Gy. & Br. Slt. St.
659 - 665	40% " " " 60% " " " "
665 - 673	55% " " " 45% " " " "
673 - 678	45% " " " 55% " " " "
678 - 685	" " " " " " " "
685 - 693	65% Gy. Sh., 35% Gy. Slt. St.
693 - 700	50% " " 50% Gy. Slt. St.
700 - 706	45% Gy. Sh., 55% " " "
706 - 712	" " " " " " "
712 - 719	55% " " 35% " " "
719 - 725	60% " " 40% " " "
725 - 735	" " " " " " "

735 - 745	40% Gy Sh., 60% Gy. Slt. St.
745 - 755	35% " " 65% " " "
755 - 762	45% " " 55% " " "
762 - 767	65% Gy. & Br. Sh. 35% Gy. Slt. St.
767 - 773	45% " " " 65% " " "
773 - 778	" " " " " & Br. Slt. St.
773 - 784	50% " " " 50% Gy. & Br. Slt. St.
784 - 788	60% Gy. Sh. 40% Gy. Slt. St.
788 - 793	" " " " " " "
793 - 800	40% " " 60% Gy. Slt. St.
800 - 808	50% " & Br. Sh., 50% Gy. Slt. St.
808 - 817	60% " " " 40% " " "
817 - 825	50% " " " 50% " " "
825 - 833	80% Dk. Gy. Sh., 20% Gy. Slt. St.
833 - 838	60% Lt. & Dk. Gy. Sh., 40% Gy. Slt. St.
843 - 850	50% Gy. Sh., 50% Slt. St.
843 - 850	40% Gy. Sh., 60% Gy. Slt. St.
850 - 855	50% Gy. Sh., 50% Gy. Slt. St.
855 - 863	40% Gy. Sh., 60% Slt. St.
863 - 872	75% Gy. Br., Blk. Sh., 20% Gy. & Br. Slt. St., 5% Sd.
872 - 880	75% Gy. Br. Slt. St., 25% Gy. Br. Sh.
880 - 890	50% Gy. Br. & Blk Sh., 50% Gy. & Red Slt. St.
890 - 896	40% " " " " 60% " " " "
896 - 903	40% Gy. & Blk. Sh., 60% Gy. Slt. St.
903 - 909	50% " " " 50% " " "
909 - 914	30% Dk., Gy. Sh., 70% " " "
914 - 919	" " " " " " " "
919 - 926	40% " " 60% " " "

Well #6976
 COPY
 Rockingham County, Va.
 207-89

926 - 935	65% Gy. & Br. Sh., 35% Gy. Slt. St.
935 - 940	65% Gy. Sh., 35% Gy. Slt. St.
940 - 945	80% Gy. Sh., 20% Gy. Slt. St.
945 - 953	75% Gy. Sh., 25% Gy. Slt. St.
953 - 961	75% " " 25% " " " , Pyrite
961 - 970	70% " " 30% " " "
970 - 979	100% Gy. Slt. Sh.
979 - 988	50% Gy. Mica. Sh., 50% Gy. Slt. St.
988 - 993	70% Gy. & Blk. Mica. Sh., 30% Gy. Slt. St.
993 - 999	70% Gy. & Blk. Sh., 30% Gy. Slt. St.
999 - 1008	80% " " " 20% " " "
1008 - 1015	90% Blk. & Gy. Sh., Gy. Slt. St.
1015 - 1022	95% Blk. & Gy. Sh., 5% Gy. Slt. St.
1022 - 1030	85% Gy. & Blk. Sh., 15% Gy. Slt. St.
1030 - 1037	90% " " " 10% " " "
1037 - 1045	75% Gy. Sh., 25% Slt. St.
1045 - 1052	90% Gy. Sh., 10% Gy. Slt. St.
1052 - 1058	80% Gy. Sh., 20% Gyl " "
1058 - 1065	90% Gy. To Dk. Gy. Sh., some Sdy. 10% Gy. & Br. Slt. St.
1065 - 1072	80% Gy. & Br. Sh., 20% Gy. Slt. St.
1072 - 1078	85% Gy. & Br. Sh., (Some Mica. 15% Gy. & Br. Slt. St. (some Pyrite)
1078 - 1085	60% Gy. Slt. Sh., 40% Gy. Slt. St.
1085 - 1090	60% " " " " " " "
1090 - 1092	5% Gy. Sh., 95% Gy. Slt. St.
1092- 1095	50% Dk Gy. to Br. Sh., 50% Gy. & Br. Slt. St.
1095 - 1100	20% Blk. & Gy. Sh. 80% Gy. & Br. Mica. Slt. St.

COPY
 76
 Rockingham County, Va.
 207-89

1100 - 1105	10% Blk. & Gy. Sh., 90% Gy. Slt. St.
1105 - 1109	10% Gy. Sh., 90% Gy. & Br. Slt. St.
1109 - 1114	100% Gy. & Tan. Slt. St.
1114 - 1119	" " " " "
1119 - 1122	" " " " "
1122 - 1125	85% " " & Red Slt. St., 15% Dk. Gy. Sh.
1125 - 1130	65% Gy. & Red Sh., 35% Gy. & Red Slt. St.
1130 - 1136	30% Gy. & Red Sh., 70% Gy. Slt. St.
1136 - 1139	70% Dk. Gy. Slt. Sh. to Blk Pyritic Sh. (Calc.) & Mica.
1139 - 1145	100% Dk. Gy. Slt. St. to Blk Calc. & Mica. Sh. &
1151 - 1156	100% Dk. Gy to Blk. Calc. sh., slightly Pyritic
1156 - 1161	100% Dk. Gy to Blk. Calc. Sh. , Pyritic, Mica.
1161 - 1168	" " " " " " " "
1168 - 1175	100% Lt. Gy. to Dk Gy. Slt. Sh., Calc., Pyritic.
1175 - 1181	" " " " " " " "
1181 - 1191	" " " " " " " "
1191 - 1198	100% Lt. Gy. to Blk. Slt. Sh., Calc., slightly Pyritic
1198 - 1206	100% Gy. Sh., Slightly Calc.
1206 - 1215	100% Lt. Gy. to Blk. Sh., slightly Calc., mostly Gy.
1215 - 1225	100% Lt. to Dk. Gy. Sh., slightly Calc.
1225 - 1231	100% Lt. " " " " , Calc.
1231 - 1237	100% Lt. Gy. to Dk. Gy. Sh., Calc. Pyritic.
1237-1243	100% " " " " " " " "
1243 - 1249	100% " " " " " " mostly Lt. Gy. Calc. Pyritic
1249 - 1255	100% Lt. to Dk. Gy. Sh., Calc.
1255 - 1260	100% Lt. to Dk. Gy., Sh. Calc. Pyritic.

1260 - 1268	100% Gy. to Blk. Sh., Calc. fracture fillings some Pyritic encrustations
1268 - 1278	100% Dk. Gy. to Blk. Sh.
1278 - 1287	100% " " " " " , Pyritic
1287 - 1294	100% Dk. Gy. Sh., (possible slickensides)
1294 - 1302	100% Lt. Gy. to Dk. Gy. Sh. Pyritic, Calcite Fracture Fillings.
1302 - 1310	100% Gy. to Dk. Gy. Sh., some secondary Sioz.
1310 - 1319	100% Gy. to Blk. Sh., Pyritic.
1319 - 1328	100% Dk. Gy. to Blk. Sh., Calcite Fracture Fillings.
1328 - 1335	100% Dk. Gy. Sh.
1335 - 1342	100% Dk. Gy. to Blk. Sh., Pyritic, Calc.
1342 - 1350	" " " " " " " "
1350 - 1357	" " " " " " " "
1367 - 1375	" " " " " " " "
1375 - 1381	100% Lt. to Dk. gy. Sh., Br. Sh.
1381 - 1386	100% Lt. to Dk. Gy. Sh., Br. Sh. Calc. Pyritic, 1% Gy. Im.
1386 - 1391	" " " " " " " " " " " "
1391 - 1399	95% Gy. lmy. Sh., 5% Gy. Im., Pyritic
1399 - 1404	100% Gy. Sh., Calc. Pyritic.
1404 - 1410	100% Lt. Gy., Calc. Sh., Pyritic.
1410 - 1417	95% Lt. Gy. to Dk. Gy. Calc. Sh., 5% Br. Sh.
1423- 1427	80% Lt. to Dk. Gy. Sh., 20% Br. Sh., Pyritic. Calc.
1427 - 1435	100% Dk. Gy. Sh., Pyritic, Calc.
1435 - 1443	100% Dk. Gy. Sh., " "
1443 - 1452	100% Dk. Gy. to Blk. Sh., Pyritic, Slightly Calc.

Well #6976
COPy
Birmingham County
Map Square 207 - 89

1452 - 1461	100% Dk. Gy. Sh., Pyritic, slightly Calc.
1461 - 1469	100% Gy. to Blk. Sh., Pyritic, No Calcite
1469 - 1475	100% Dk. Gy. Sh., No Calcite
1475 - 1480	100% Sh., Dk. Gy. & Br. Pyritic
1480 - 1488	100% Dk. Gy. to Blk. Sh.
1488 - 1495	100% Gy. to Blk. Sh., Calc.
1495 - 1502	100% Dk. Gy. Sh., Pyritic
1502 - 1509	100% " " to Blk. Sh., Pyritic
1509 - 1519	100% Gy. to Blk. Sh.
1519 - 1528	100% Dk. Gy. Sh.
1528 - 1535	100% " " & Blk. & Br. Sh.
1535 - 1545	100% Dk. Gy. to Blk. Fissle Sh., some Br. Sh.
1545 - 1555	100% Gy. to Blk. Sh., 1% Gy. Slt. St.
1555 - 1565	100% Dk. Gy. to Blk. Fissle Sh.
1565 - 1575	100% Dk. Gy. to Blk. Sh.
1575 - 1587	100% Dk. Gy. " " Fissle Sh.
1587 - 1594	" " " " " " "
1594 - 1601	100% Dk. Gy. Sh.
1601 - 1608	100% " " to Blk. Sh., Pyritic Calc.
1608 - 1614 -	100% " " " " " " , Partly Sdy.
1614 - 1620	100% Dk. Gy. to Blk. Sh.
1620 - 1627	100% Dk. Gy. to Blk. Sh., Pyritic, Calc.
1627 - 1635	100% " " " " " " "
1635 - 1642	100% " " " " " " "
1642 - 1648	100% " " " " " " "
1648 - 1656	100% " " " " " " " , Slickensides?
1656 - 1661	100% " " " " " " "
1661 - 1670	100% " " " " Fissle Sh., "

Well #6976
 C O P Y
 Rockingham County
 Map Square 207-89

1673 - 1675	100% Dk. Gy to Blk. Fissle Sh., Sdy. (Calc.)
1675 - 1685	95% " " " Red & Blk, Sh., (Calc.) 5% Tan Slt. St.
1685 - 1695	100% Dk. Gy. to Blk Fissle Sh., Slickensided? Pyritic
1695 - 1705	100% " " " " " " " "
1705 - 1715	100% " " " " " " "
1715 - 1724	100% Dk. Gy. to Blk. Sh., (Calc.)
1724 - 1734	" " " " " "
1734 - 1744	" " " " " "
1744 - 1754	" " " " " "
1754 - 1764	" " " " " "
1764 - 1774	" " " " " Fissle Sh. (Calc.)
1774 - 1782	" " " " " Sh., (Calc.)
1782 - 1790	" " " " " "
1790 - 1798	" " " " " " Pyritic
1800 - 1809	100% Dk. Gy. Sh.
1809 - 1819	100% Gy. Sh.
1819 - 1829	100% Gy. to Blk. Sh. - Calc., Pyritic
1829 - 1839	100% " " " " " "
1839 - 1850	100% " " " " " "
1850 - 1860	100% " " " " " "
1860 - 1868	100% " " " " " "
1868 - 1878	100% " " " " " "
1878 - 1890	100% Gy. Sh., Calc.
1890 - 1900	100% Dk. Gy. Fissle Sh.
1900 - 1915	100% Dk. Gy. To Blk. Sh., Calc.
1915 - 1928	100% Dk. Gy. To Blk. Sh., Calc., Pyritic
1928 - 1939	100% " " " " " "
1939 - 1950	100% " " " " " "

1950 - 1960	100% Dk. Gy. to Blk. Sh.
1960 - 1972	100% " " " " " , (Calc.)
1972 - 1984	100% " " " " "
1984 - 1996	100% " " " " " "
1996 - 2004	100% " " Sh. (Calc.)
2004 - 2011	100% " " to Blk Sh.
2011 - 2018	100% Gy. Calc. Sh.
2018 - 2026	100% " Sh.
2026 - 2041	100% Dk. Gy. to Blk. Sh.
2041 - 2052	100% Dk. Gy. to Blk. Sh., slightly Pyritic
2052 - 2063	100% " " " " " " "
2062 - 2072	100% Dk. Gy. to Blk. Sh., Pyritic.
2072 - 2083	98% Dk. Gy. to Blk. Sh., 2% Sd. & Slt. St., (Calc.)
2083 - 2092	95% Dk. Gy. to Blk. Sh., (Calc.) 5% Sd. & Slt. St.
2092 - 2099	95% Dk. Gy. to Blk. Sh., Calc. 5% Med Qtz. Sd., (Angular)
2099 - 2110	97% Dk. Gy. to Blk. Sh., Calc. 3% Qtz. Sd.
2110 - 2120	100% Dk. Gy. to Blk. Sh., Calc.
2120 - 2130	100% " " " " " " , Pyritic
2130 - 2140	" " " " " " "
2140 - 2150	100% Dk. Gy. to Blk. Sh., Pyritic, Calc.
2150 - 2157	90% " " " " " " " 5% Gy. Slt. St., 5% Lm.
2157 - 2162	100% Gy. Blk. & Br. Sh., (Slt. Calc.) 40% Br. Sh.
2162 - 2172	70% Gy. to Blk. to Br. Sh., 15% Tan. Lm., 15% Gy. Slt. St. Pyritic, Calcareous.
2172 - 2182	90% Gy. Blk. & Br. Sh., (Calc.), 10% Tan Lm. & Slt. St., Pyritic

COPY
 1976
 Rockingham County
 Map Square 207-89

2182 - 2191	100% Gy., Blk. & Br. Sh., Pyritic Calc.
2182 - 2207	100% Gy. - Blk. Sh., Calc.
2233 - 2240	100% " " " "
2240 - 2250	100% " " " " Pyritic
2250 - 2262	97% " " " 3% Gy. Slt. St.
2262 - 2274	100% " " " "
2274 - 2285	100% " " " Calc.
2285 - 2295	98% " " & Br. Sh., 2% Slt. St., Pyritic, Calc.
2295 - 2307	100% Gy. to Blk. Sh. Calc., Pyritic
2307 - 2316	100% " " " " "
2316 - 2329	100% " " " " "
2329 - 2340	100% " " " " "
2340 - 2352	" " " " " "
2352 - 2362	" " " " " "
2362 - 2372	" " " " " "
2372 - 2385	" " " " " "
2385 - 2400	100% Dk. Gy. to Blk. Sh. Calc., Pyritic, increase in Blk.Sh.
2400 - 2405	" " " " " " "
2405 - 2415	" " " " " " "
2415 - 2427	" " " " " " "
2427 - 2437	" " " " " " "
2437 - 2448	" " " " " " "
2448 - 2456	98% " " " " " " 20% Gy. Slt. St.
2456 - 2466	50% Gy. to very Blk. Sh., 50% Gy. very Limey Sh. Pyritic
2466 - 2473	100% Gy. to very Lmy. Blk. Sh., (increase in Gy Sh. Very Calc., Pyritic
2473 - 2483	100% Gy. to Blk. Sh., Very Calc.

2483 - 2496	97% Dk. Gy. lmy Sh., 3% Br. Lml, Pyritic, very Calc.
2496 - 2501	100% Dk. Gy. to Br. lmy. Sh., very Calc.
2501 - 2510	100% Dk. Gy. to Blk. Sh., Pyritic, Very Calc.
2510 - 2517	100% Dk. Gy to Blk. Sh., Pyritic, very Calc.
2517 - 2525	100% Dk. Gy. to very Blk. Sh., Pyritic, very Calc.
2525 - 2535	100% " " " " " " " " " "
2535 - 2545	100% Dk. Gy. Sh., Pyritic, very Calc.
2545 - 2550	90% " " to Blk. Sh., 10% orange - red Slt. st. & Sh., Pyritic, very Calc.
2550 - 2560	90% Dk. Gy. to Blk. Sh., 10% orange - red Slt. St. & Sh., Pyritic, very Calc.
2560 - 2570	100% Dk. Gy. to Blk. Sh., very Calc.
2570 - 2580	100% Dk. Gy. Sh., very Calc.
2580 - 2587	100% " " to Blk. Sh., (Calc. decrease) vein Calcitic
2587 - 2595	100% Dk. Gy. to Blk. Sh. (Calc. decrease), Pyritic, vein Calcite
2595 - 2605	100% Dk. gy. to Blk. Sh., Vein Calcite