INTERVAL SHEET

WWCR 878

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VDMR Well No.: WELL NO: 866

Date 7/24/63

Sample Interval: from 100 to 900

PROP: Morton's Frozen Foods Well #5

Total depth 902

COMP: C. R. Moore

Oil ____ Gas ____ Water X Exploratory ____

COUNTY: Albemarle (Crozet)

Cuttings X Core ____ Other ____

VDMR WELL NO: W-866

Washed Samples Only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 100 No Sample	400 - 410	680 - 690
-	-	100 - 110	410 - 420	690 - 700
-	-	110 - 120	420 - 430	700 - 710
-	-	120 - 130	430 - 440	710 - 720
-	-	130 - 140	440 - 450	720 - 730
-	-	140 - 150	450 - 460	730 - 740
-	-	150 - 160	460 - 470	740 - 750
-	-	160 - 170	470 - 480	745 -
-	-	170 - 180	480 - 490	750 - 760
-	-	180 - 190	490 -	760 - 770
-	-	190 - 200	490 - 500	770 - 780
-	-	200 - 210	500 -	780 - 790
-	-	210 - 220	500 - 510	790 - 800
-	-	220 - 230	510 - 520	800 - 810
-	-	230 - 240	520 - 530	810 - 820
-	-	240 - 260	530 - 540	820 - 830
-	-	260 - 270	540 - 550	830 - 840
-	-	270 - 280	550 - 560	840 - 850
-	-	280 - 290	560 - 570	850 - 860
-	-	290 - 300	570 - 580	860 - 870
-	-	300 - 310	580 - 590	880 -
-	-	310 - 320	590 - 600	890 -
-	-	320 - 330	600 - 610	900 -
-	-	330 - 340	610 - 620	-
-	-	340 - 350	620 - 630	-
-	-	350 - 360	630 - 640	-
-	-	360 - 370	640 - 650	-
-	-	370 - 380	650 - 660	-
-	-	380 - 390	660 - 670	-
-	-	390 - 400	670 - 680	-

OWNER: Morton Frozen Food, Inc. #5 VDMR #866
DRILLER: C. R. Moore Drilling Corp. WWCR#878
COUNTY: Albemarle (Crozet) TOTAL DEPTH: 902

GEOLOGIC LOG

0-100	No Samples
100-110	Quartz Monzonite Schist - greenish gray, fine grained, slightly calcareous, angular broken quartz, biotite, muscovite, chlorite and plagioclase.
110-120	As above
120-130	As above - but more micaceous and with some magnetite crystals.
130-140	As above
140-150	Quartz Monzonite Schist - greenish gray, fine grained, calcareous, Micaceous, quartz, chlorite, pyrite and plagioclase.
150-160	As above - no pyrite.
160-170	As above
170-180	As above - with minor pyrite.
180-190	As above
190-200	As above
200-210	Quartz Monzonite Schist - greenish gray, fine grained, calcareous, micaceous, with quartz, chlorite, epidote, jasper, plagioclase and pyrite.
210-220	As above - with less pyrite and more jasper.
220-230	As above
230-240	Quartz Monzonite Schist - X-ray analysis; 30% quartz, 25% plagioclase, 20% potassic feldspar, 12% biotite, 5% epidote, 5% calcite, 3% chlorite and pyrite.
240-260	Quartz Monzonite Schist - as above, darker color more chlorite and biotite, and less quartz.

260-270	Quartz Monzonite Schist - X-ray analysis; 35% potassic feldspar, 30% quartz, 15% plagioclase, 10% biotite, 7% chlorite, 3% epidote and calcite.
270-280	As above
280-290	As above, with increase in chlorite.
290-300	As above.
300-310	Quartz Monzonite Schist - greenish blue, calcite, chlorite, epidote, quartz, jasper, plagioclase, biotite.
310-320	As above - with minor pyrite and some weathering or oxidation.
320-330	As above, lighter in color, no weathering.
330-340	As above
340-350	As above
350-360	As above - with increase in biotite.
360-370	As above
370-380	As above
380-390	As above - with decrease in biotite.
390-400	As above
400-410	As above
410-420	As above - with large increase of biotite.
420-430	Quartz Monzonite Schist - greenish blue, calcite, chlorite, epidote, white and gray quartz, jasper, plagioclase and biotite.
430-440	As above - but no gray quartz.
440-450	As above
450-460	As above - with increase in plagioclase.
460-470	As above

470-480	As above
480-490	Quartz Monzonite Schist - white to greenish blue, mostly quartz and plagioclase with some chlorite, epidote, jasper, biotite, and chlorite.
490-	As above - with increase in biotite.
490-500	Quartz Monzonite Schist - tan to greenish gray (X-ray analysis; 35% quartz, 25% potassic feldspar, 23% plagioclase, 10% biotite, 7% epidote, calcite, magnetite and chlorite).
500	As above
500-510	As above - with increase in biotite.
510-520	As above
520-530	As above
530-540	As above
540-550	As above
550-560	As above
560-570	As above
570-580	As above - but lighter color
580-590	As above- with some gray quartz.
590-600	Quartz Monzonite Schist - greenish gray, biotite, epidote, calcite, magnetite, chlorite, and increase in quartz, plagioclase and potassic feldspar.
600-610	As above
610-620	As above - with increase in biotite.
620-630	As above
630-640	As above
640-650	As above
650-660	As above

660-670	As above
670-680	As above - with some gray quartz and decrease in biotite.
680-690	As above
690-700	As above - with increase in biotite.
700-710	As above
710-720	As above
720-730	As above
730-740	As above
740-750	As above
745	Quartz Monzonite Schist - greenish gray, quartz, plagioclase, potassic feldspar, biotite, epidote, calcite, magnetite, chlorite and pyrite.
750-760	As above
760-770	As above - with some pink quartz and less chlorite.
770-780	As above - but no pink quartz or pyrite.
780-790	As above - with increase in biotite.
790-800	As above
800-810	As above
810-820	As above - with decrease in biotite.
820-830	As above
830-840	As above
840-850	Quartz Monzonite Schist - greenish gray, white and gray quartz, plagioclase, potassic feldspar, biotite, epidote, calcite, magnetite, and chlorite.
850-860	As above
860-870	As above

880 As above

890 As above

900 As above

GEOLOGIC SUMMARY

ROCK UNIT	AGE
Swift Run fm. ?	Precambrian

Virginia Division of Mineral Resources
Garnett Gatlin, Geologist
August 24, 1964