

INTERVAL SHEET

WWCR 66

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VDMR Well No.: Well No. 1338

Date 7/26/65

Sample Interval: from 27 to 382

PROP: Town of Louisa

Total depth 400

COMP: Sydnor Pump and Well Co.

Oil Gas Water Exploratory

COUNTY: Louisa

Cuttings Core Other

VDMR Well No: W-1338

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 27	No sample	-
-	-	27 - 37		-
-	-	37 - 52		-
-	-	52 - 67		-
-	-	67 - 82		-
-	-	82 - 97		-
-	-	97 - 112		-
-	-	112 - 127		-
-	-	127 - 142	No sample	-
-	-	142 - 157		-
-	-	157 - 172		-
-	-	172 - 187	No sample	-
-	-	187 - 202		-
-	-	202 - 217		-
-	-	207 - 222		-
-	-	217 - 232		-
-	-	227 - 242		-
-	-	232 - 247		-
-	-	237 - 252		-
-	-	247 - 262		-
-	-	250 - 272		-
-	-	272 - 292		-
-	-	282 - 292		-
-	-	292 - 307		-
-	-	307 - 322	No sample	-
-	-	322 - 337		-
-	-	337 - 362		-
-	-	362 - 382		-
-	-	382 - 400	No sample	-
-	-	-		-

OWNER: Town of Louisa
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Louisa

VDMR #1338
WWCR #66
TOTAL DEPTH: 400'

GEOLOGIC LOG

- 0-27 No sample.
- Columbia Granite Gneiss (27-382')
- 27-37 Granite — cream with black, coarse-grained, slightly weathered; alkali-feldspar, oligoclase, quartz, biotite, epidote; minor muscovite and apatite.
- 37-52 As above.
- 52-67 As above — less weathered.
- 67-82 Quartz-Diorite Gneiss — light-gray with black, slight lineations, coarse-grained; andesine-oligoclase, quartz, biotite, epidote; minor apatite and hornblende; trace magnetite.
- 82-97 As above.
- 97-112 Granodiorite — very-light-gray, minor black, green and pale-pink, coarse-grained with feldspar crystals to 6.0 mm; oligoclase, potash feldspar, quartz, biotite, minor epidote and apatite.
- 112-127 Granodiorite Gneiss — medium-gray, 10.0 mm porphyroblasts of andesine; ground mass grain size 3 mm; quartz, biotite, epidote, minor apatite, potash feldspar, hornblende.
- 127-142 No sample.
- 142-157 Granodiorite Gneiss — medium-gray, minor pink; grain size 0.5 to 3.0 mm; andesine, quartz, biotite, epidote, minor apatite, and potash feldspar.
- 157-172 As above — ground mass crushed and mylonitized in part.
- 172-187 No sample.
- 187-202 Quartz-Diorite Gneiss — white, gray and black; porphyroblasts of andesine to 5 mm; average size ground mass 0.7 mm; slightly foliated; quartz, biotite, epidote; minor alkali-feldspar, apatite, hornblende and muscovite.
- 202-217 As above.
- 207-222 As above — very minor pale pink.

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#1338

- 217-232 Quartz-Diorite Gneiss — white, gray, black, and very minor pale pink; porphyroblasts of andesine to 5 mm; average size ground mass 0.7 mm; slightly foliated; quartz, biotite, epidote; minor alkali-feldspar, apatite, hornblende, and muscovite.
- 227-242 As above.
- 232-247 Granodiorite — light- to medium-gray, coarse-grained; andesine, alkali-feldspar, quartz, biotite, muscovite, epidote; minor apatite, and zircon.
- 237-252 As above.
- 247-262 Quartz Monzonite — light-gray with black; coarse-grained; oligoclase, alkali-feldspar, quartz, biotite, epidote, muscovite, minor apatite.
- 250-272 Granodiorite — medium-gray, coarse-grained; oligoclase, quartz, alkali-feldspar, biotite, epidote.
- 272-292 Quartz Monzonite — white, pink, and black, coarse-grained; alkali-feldspar, plagioclase, quartz, biotite, epidote.
- 282-292 Quartz Diorite — medium-gray, coarse-grained; oligoclase, quartz, biotite, minor epidote, and apatite.
- 292-307 Granodiorite — medium-gray, coarse-grained; plagioclase, quartz, biotite, epidote, alkali-feldspar.
- 307-322 No sample.
- 322-337 Quartz Diorite — medium-gray, coarse-grained; plagioclase, quartz, biotite, epidote.
- 337-362 Quartz Monzonite — light-gray, pink, and black, coarse-grained; oligoclase, quartz, alkali-feldspar, biotite, minor epidote, and apatite; trace pyrite.
- 362-382 Granodiorite — medium-light-gray, coarse-grained; plagioclase, quartz, biotite, alkali-feldspar, minor epidote, apatite, hornblende; trace calcite.
- 382-400 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-27	No sample	
27-382	Columbia Granite Gneiss	Precambrian ?
382-400	No sample	

OWNER: Town of Louisa
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Louisa

154-10
VDMR #1338
WWCR #66
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