

INTERVAL SHEET

WWCR 151

Page 1

VDMR Well No.: Well No. 1281

Date 3/19/65

Sample Interval: from 80 to 210

PROP: Finney Water Co.
(Clearfield Heights)

Total depth 225

COMP: B. N. Peters

Oil Gas Water Exploratory

COUNTY: Henry (Martinsville)

Cuttings Core Other

VDMR Well No: W-1281

From-To

From-To

From-To

From-To

From-To

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0 - 80 No samples -

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80 - 90 -

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90 - 100 -

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100 - 110 -

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110 - 120 -

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120 - 130 -

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130 - 140 No sample -

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140 - 150 -

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-

150 - 160 -

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160 - 170 -

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-

170 - 180 -

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180 - 190 -

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190 - 200 -

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200 - 210 -

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210 - 225 No sample -

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OWNER: Finney Water Company
Clearfield Heights
DRILLER: B. N. Peters
COUNTY: Henry (Martinsville)

VDMR #1281
WWCR #151
TOTAL DEPTH: 225'

GEOLOGIC LOG

- 0-80 No sample.
- 80-90 Gneiss — light-brown, black, and white; coarse-grained; quartz, oligoclase-andesine, biotite, hornblende, muscovite, magnetite; minor epidote, garnet, apatite, chlorite, iron oxides; grain mount verification.
- 90-100 As above — less iron oxide stain.
- 100-110 As above — more iron oxide stain.
- 110-120 As above — less iron oxide stain.
- 120-130 As above — trace zircon.
- 130-140 No sample.
- 140-150 Pegmatite — white with minor black; coarse-grained; potash feldspar, oligoclase-andesine, quartz, muscovite, biotite; minor hornblende, magnetite, chlorite; grain mount verification.
- 150-160 Granodiorite — white and black; coarse-grained; oligoclase-andesine, quartz, biotite, potash feldspar, muscovite, garnet; minor magnetite and epidote; trace iron staining; grain mount verification.
- 160-170 As above — minor hornblende.
- 170-180 Granodiorite — medium-gray-green, white and pale-pink; coarse-grained; oligoclase-andesine, potash feldspar, quartz, biotite, magnetite, ilmenite, epidote, and chlorite; minor zircon, garnet, hedenbergite; grain mount verification.
- 180-190 As above.
- 190-200 Granodiorite — white and black, coarse-grained; oligoclase, quartz, biotite, potash feldspar, magnetite, ilmenite; minor epidote, chlorite, zircon, garnet, and hedenbergite; grain mount verification.
- 200-210 As above.
- 210-225 No sample.

OWNER: Finney Water Company - Clearfield Heights

#1281

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-80	No samples	
80-210	Hornblende Gneiss	Precambrian ?
210-225	No sample	

Note: Samples were too finely ground by the drill to distinguish gneissic structure.

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
March 31, 1965