INTERVAL SHEET

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Date rec'd: 3/29/66

PROP: Reynolds Metal Co. #2

COMP: Layne-Atlantic

COUNTY: Chesterfield (Bellwood)

VDMR Well No: 1542

Sample Interval: from 0

0 to 80

Number of samples: 8

Total Depth: 80

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
$ \begin{array}{rrrr} 0 & - & 10 \\ 10 & - & 20 \\ 20 & - & 30 \\ 30 & - & 40 \\ 40 & - & 50 \end{array} $		-	
50 - 60 60 - 70 70 - 80 -	- - - -		- - - - -
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All intervals have both washed and unwashed samples

OWNER: Reynolds Metal Incorporated, Well #2

DRILLER: Layne Atlantic Company COUNTY: Chesterfield (Bellwood)

VDMR #1542 WWCR #156 TOTAL DEPTH: 80'

GEOLOGIC LOG

Reworked Petersburg Granite (0-80')

(0-10	Sand — brown, trace of clay; fine- to coarse-grained, rather poorly sorted, subangular to subrounded; scattered grains brown epidote and decomposed feldspar
10	0-20	Sand — brown; very-coarse-grained, fairly well sorted, poorly rounded; quartz, feldspar, and quartzo-feldspathic rock fragments; trace of brown epidote
20	0-30	Sand and gravel — gray, subequal amounts poorly sorted and poorly rounded sand, and very-fine-grained (2-4 mm), slightly rounded gravel; matrix of gray clay; quartz and potash feldspar
30	0-40	Clay — gray; moderate amounts of poorly sorted and poorly rounded sand, and very-fine-grained, slightly rounded gravel
40	0-50	Sand and gravel — light-gray; poorly sorted, poorly rounded coarse-sand and very-fine-gravel; matrix of gray and white clay; traces of pyrite and garnet
50	0-60	Sand and gravel — gray, clean; 60% sand: coarse- to very-coarse-grained, moderately sorted, poorly rounded; 40% gravel: broken rounds and subrounded pebbles up to 10 mm; very arkosic (gray potash feldspar); scattered grains of garnet and kyanite; crystalline rock fragments common
60	0-70	п
70	0-80	some muscovite and biotite

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Reworked Petersburg granite

Virginia Division of Mineral Resources Robert H. Teifke, Geologist April 26, 1966