W-2458 C- 120

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS: JAMES L. CALVER, COMMISSIONER P 3667 McCormick Road C. lottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia OWNER: USA Corps of Eng. - Philpott Project Mailing Address: Bassett, Virginia _____ Mailing Address:__Buffalo Junction, Virginia DRILLER: Rankin Williamson WELL LOCATION: County Franklin Approx. 4 1/2 feetx west (direction) of and 1 1/4 xfexts west (direction) of Jct. 772-903 (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.) DATE STARTED: 9/18/68 _____DATE COMPLETED: 9/18/68 TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 62 feet WATER LEVEL: Stands 21 feet below surface OR has NATURAL flow of_____gallons per minute. YIELD TEST: Method air lift HOLE SIZE: 9 inches from 0 to 45 1/2 feet 6 1/16 inches from 45 1/2 62 feet Drawdown _____ feet Rate ____7 ___ gal. per min. inches from _____to ____ Duration 1 hrs. 0 min. SCREEN SIZE: inches from to feet WATER ZONES: from 47 to 48 feet ____inches from _____to ____feet ____inches from ____to____feet from_____feet CASE SIZE: 6 1/4 inches from 0 to 45 1/2 feet from _____feet WATER: Color____clear____Tgste___ ____inches from____to____feet Odor none Temp. _______ °F ____inches from ____to___feet WELL TO SUPPLY: (check one) Home _____ GROUTING: Method _____ Material cement Depth 45 1/2 feet Farm_____School____ Industry____Other_ picnic area PUMP: Туре _____ Capacity_____gal. per min WATER ANALYSIS AVAILABLE Yes X No ____ Yes__5_No___ Depth of intake ___ DRILL CUTTINGS SAVED: (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT, SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.) R ARKS:____

TMBM9013V30 DIMOM DATE: DATE: FURNISHED BY:

FROM TO (gravel, clay, etc., hardness, color, etc.) (water, caving, shot, screen, sample, etc.) 15 Brown, dry, loose dirt 15 120 Sandstone 20 42 Limestone, sandstone and brown dirt mixture 42 62 Limestone, medium hard 43 7 gpm @ 47-48 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		THYSOTIC	TYPE OF ROCK OR SOIL PENETRATED		REMARKS	
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VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

C- 120

Page 1 1 Well Repository No: W-2458 of

Date rec'd: 2/7/69 Sample Interval: from 10 to: 61'

PROPERTY: USA Corps of Eng. - Philpott Project Number of samples: 5

(Jamison Mill - location 4)

COMPANY: Rankin Williamson Total Depth: 621

Oil or Gas: Water: XExploratory: COUNTY: Franklin (Henry)

From-To	From-To	From-To	From-To
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All intervals have both washed and unwashed samples.

OWNER: USA Corps of Eng. - Philpott Project

(Jamison Mill - location 4)

W-2458

DRILLER: Rankin Williamson

C- 120 TOTAL DEPTH- 62¹

COUNTY: Franklin (Henry)

GEOLOGIC LOG

Depth in feet	
0-10	No sample
10-11	Weathered phyllite — light brown; weathered, with frag- ments of biotite-sericite phyllite
20-21	Sericite phyllite — silver-gray, weathered to a silver- brown; sericite, feldspar, biotite and quartz
30-31	with trace of graphite phyllite
40-41	Sericite-biotite phyllite — dark lustrous gray; with trace of pyrite
41-60	No sample
60-61	Sericite-biotite phyllite — dark lustrous gray; with traces of pyrite and iron-oxide stain
61-62	No sample
	GEOLOGIC SUMMARY
	Rock Unit Age
0-10 ^t 10-11 ^t 20-61 ^t 61-62 ^t	No sample — Weathered phyllite — Sericite phyllite Precambrian No sample —

Virginia Division of Mineral Resources T. M. Gathright, Geologist February 10, 1969