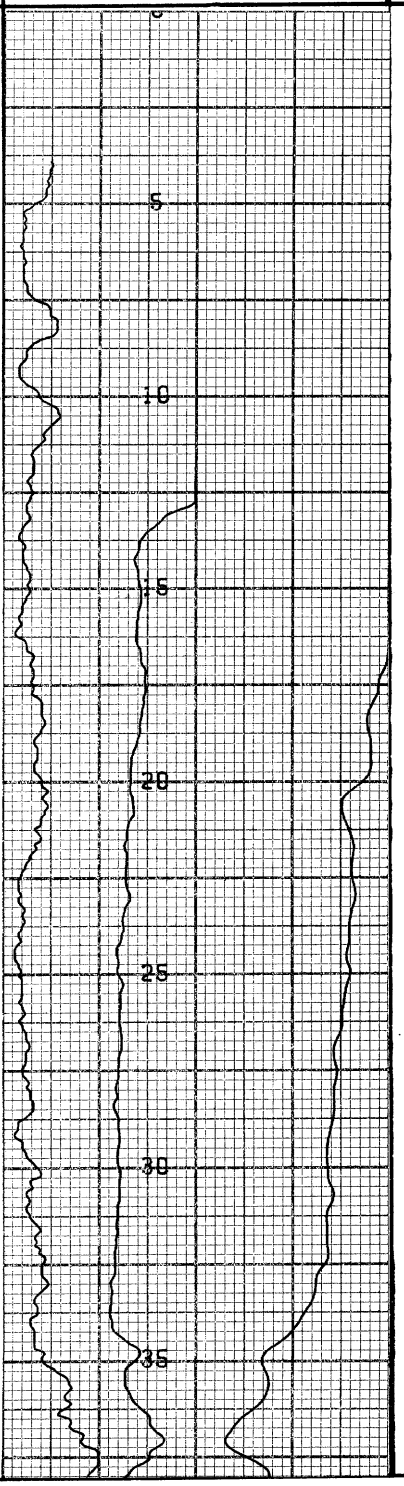
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. VBS-03

PROJECT Virginia Beach Groundwater Development Project (Phase I)
CLIENT Betz, Converse, Murdoch, Inc.
CONTRACTOR A. C. Schultés and Sons, Inc.
GROUND WATER

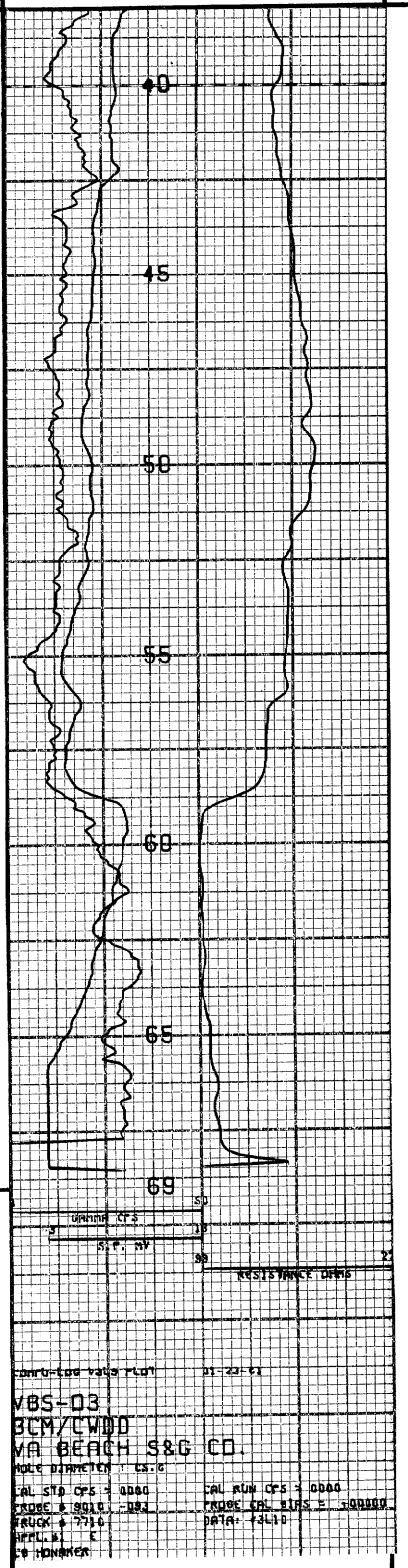
DATE	TIME	DEPTH	CASING

Boring	CAS.	SAMP.	CORE	TUBE
TYPE	Mud	S.S.		
DIA.		2"		
WT.		140#		
FALL		30"		

SHT. NO. 1 OF 2
PROJ. NO. 80-07203-01
ELEVATION 15'±
DATUM Nat'l Geodedic
DATE START 1/23/81
DATE FINISH 1/23/81
DRILLER Ed Kelly
CWDD REP. S. Oppenheimer

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
2					NO SAMPLES TAKEN INTERPRETATION OF E-LOG ONLY		
4							
6							
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							
38							

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. VBS-03
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 2 OF 2
CLIENT Betz, Converse, Murdoch, Inc.		PROJ. NO. 80-07203-01

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
40					NO SAMPLES TAKEN INTERPRETATION OF E-LOG ONLY		
42							
44							
46							
48							
50							
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							
72							
74							
76							
78							
80							
82							

FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

BOREHOLE: VBS-03	DATE: 23 JAN 81
UNIT/OPERATOR: 7710/HONAKER	FIELD OFFICE: LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: VBS-03

AREA: VA BEACH S&G CO. | ELEVATION:

COUNTY: VA BEACH CITY | STATE: VA

SECTION | TOWNSHIP | RANGE

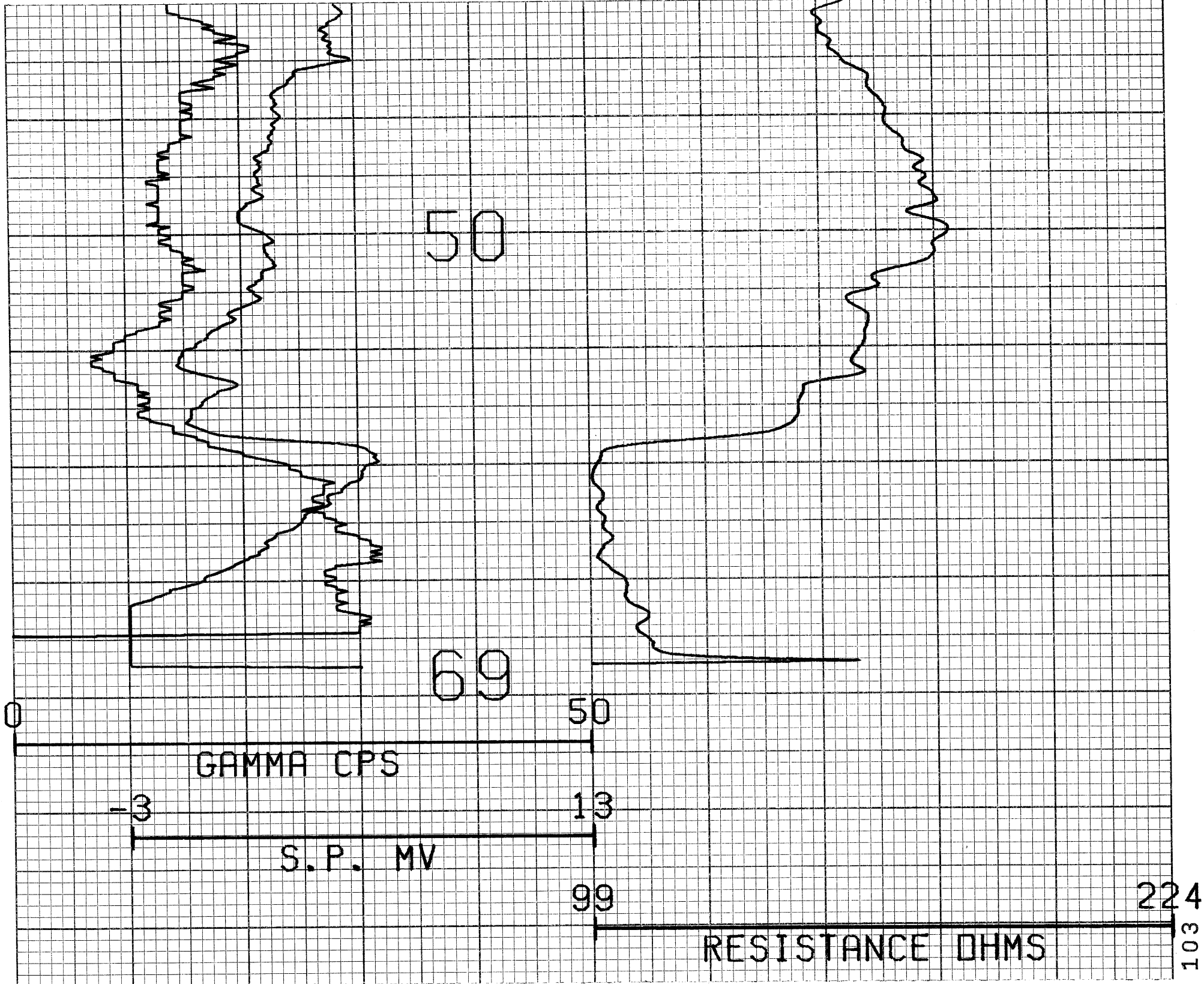
HOLE DATA

TOTAL DEPTH — DRILLER	70'	BIT SIZE	5 3/4"
TOTAL DEPTH — LOGGER	69'	CASING — TYPE & SIZE	NA
TOTAL FOOTAGE LOGGED	69'	CASING DEPTH	NA
LOGGING SPEED	30 FT/MIN	BOREHOLE FLUID	HOH
REFERENCE LEVEL	GL	FLUID RESISTIVITY	— @ —°F
PROBE NO.	9010-093	SOFTWARE LEVEL	V3L10
TIME IN: 1000		SCALE SELECTION	☒ OPERATOR ☒ CLIENT
TIME OUT: 1024			

REMARKS:

EQUIPMENT DATA

		9010	9030	9050/55	9060
PROBE MODEL		9010	9030	9050/55	9060
PROBE DIAMETER		1.87"	2.0"	1.87"	1.4"
NATURAL GAMMA	DETECTOR TYPE	NaI	NaI	NaI	NaI
	DETECTOR SIZE	.875" x 1.25"	1.125" x 4.5"	.875" x 4.0"	.5" x 3.0"
	STD. K-FACTOR	1.59×10^{-5}	—	$.558 \times 10^{-5}$	1.62×10^{-5}
	STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec
	CALIB. MODEL LOC.		—		
	CALIB DATE		—		
	K-FACTOR x 10^{-5}		—		
	DEADTIME μsec		—		
	TEST READING		—		
	WATER FACTOR		—		
	CASING FACTOR		—		
DENSITY	DETECTOR TYPE	—	NaI	—	NaI
	DETECTOR SIZE	—	.5" x 1.5"	—	.5" x 3.0"
	SOURCE TYPE	—	Cs^{137}	—	Cs^{137}
	SOURCE NO.	—		—	
	SOURCE STRENGTH	—		—	
	SOURCE SPACING	—		—	
NEUTRON	DETECTOR TYPE	—	—	He^3	—
	DETECTOR SIZE	—	—	1.0" x 6.0"	—
	SOURCE TYPE	—	—	AmBe	—
	SOURCE NO.	—	—		—
	SOURCE STRENGTH	—	—		—
	SOURCE SPACING	—	—		—
SNGL. PT RESISTANCE		1.4"D x 2.5"L	—	1.4"D x 2.5"L	1.1"D x 2.5"L
RESISTIVITY		—	6" FOCUSED	—	—
SELF POTENTIAL		YES	—	YES	YES
TEMPERATURE		—	—	YES	—
DEVIATION		—	—	NO / YES	—
CALIPER		—	YES	—	—



CENTURY GEOPHYSICAL CORP. PART NO. 786-0022
PRINTED IN U.S.A.
03

COMPU-LOG V3L9 PLOT 01-23-81

VBS-03

BCM/CWDD

VA BEACH S&G CO.

HOLE DIAMETER : 05.8

CAL STD CPS = 0000

PROBE # 9010 -093

TRUCK # 7710

APPL.#1 E

CB HONAKER

CAL RUN CPS = 0000

PROBE CAL BIAS = +00000

DATA: V3L10

CENTURY GEOPHYSICAL CORP. PART NO. 786-0022 PRINTED IN U.S.A.