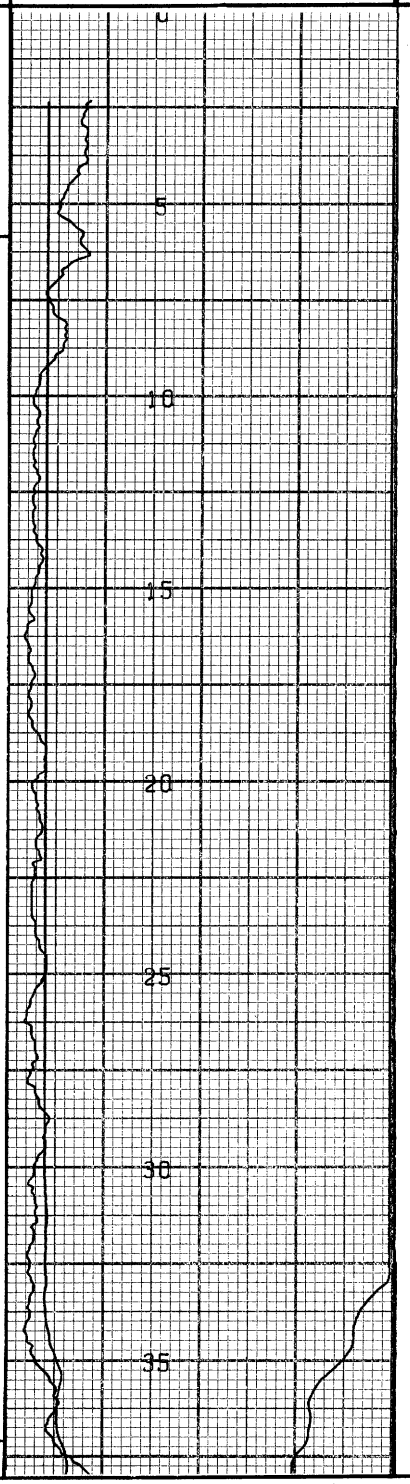
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. JB-01

PROJECT Virginia Beach Groundwater Development Project (Phase I)	SHT. NO. 1 OF 3
CLIENT Betz, Converse, Murdoch, Inc.	PROJ. NO. 80-07203-01
CONTRACTOR A. C. Schultes and Sons, Inc.	ELEVATION 10'±
	DATUM Nat'l Geodedic
	DATE START 3/5/81
	DATE FINISH 3/5/81
	DRILLER Ed Kelly
	CWDD REP. S. Oppenheimer

GROUND WATER				Boring	CAS.	SAMP.	CORE	TUBE
DATE	TIME	DEPTH	CASING	TYPE		S.S.		
				DIA.		2"		
				WT.		140#		
				FALL		30"		

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
2							
4					Light gray clayey silt (ML) 6.0		
6							
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36					Brown to light brown silty fine to coarse Sand (SW) 37.0		
38							

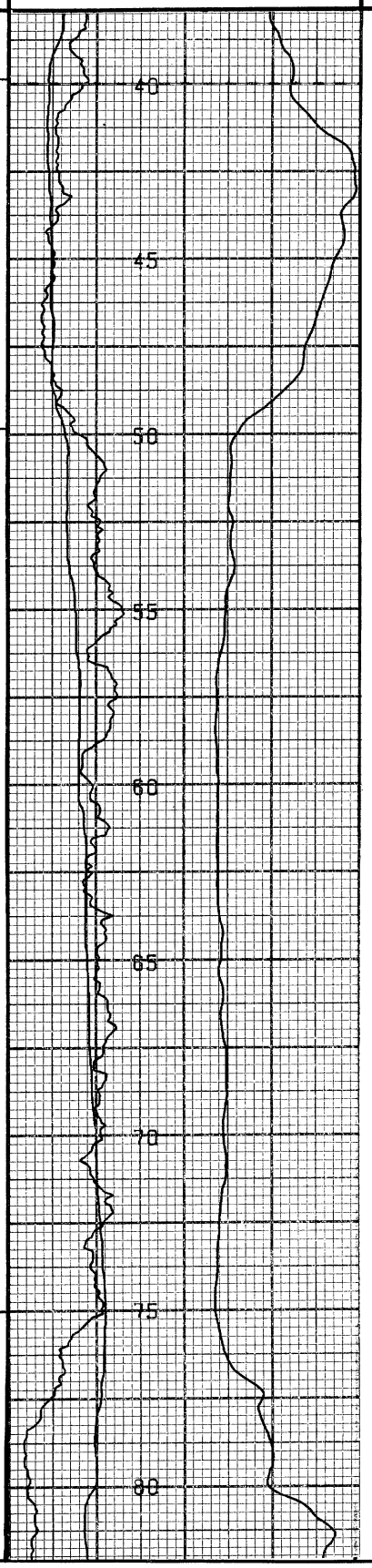


FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

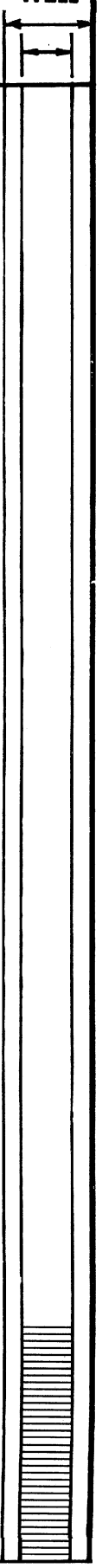
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. JB-01
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 2 OF 3
CLIENT Betz, Converse, Murdoch, Inc.		PROJ. NO. 80-07203-01

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY
					Brown clayey silt (MH) 40.0
40					
42					
44					
46					Gray coarse to fine Sand (SW) 50.0
48					
50					
52					
54					
56					
58					
60					
62					
64					
66					
68					
70					
72					Gray silt, trace mica, trace shells (MH) 75.0
74					
76					
78					
80					
82					

E - LOG



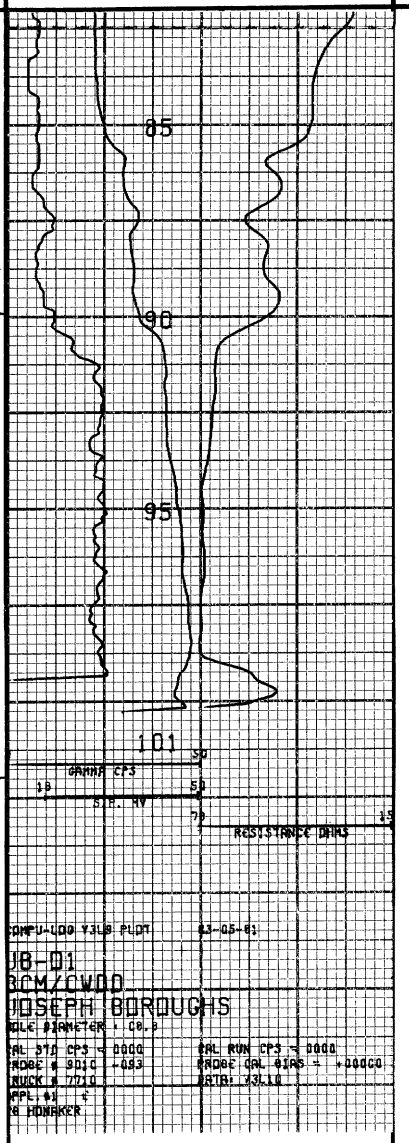
WELL



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

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. JB-01
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 3 OF 3
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
84							
86							
88					Greenish gray coarse to fine Sand, clayey downward, little shells (SP)		
90					90.0		
92							
94							
96							
98					Gray silt, trace mica, some shells (MH)		
100					102.0		
102							
104							
106							
108							
110							
112							
114							
116							
118							
120							
122							
124							
126							



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	DATE
JB-01	5 MAR 81
UNIT/OPERATOR	**FIELD OFFICE**
7710/HONAKER	LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: JB-01

AREA: JOSEPH BOROUGHS

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

HOLE DATA

TOTAL DEPTH — DRILLER	102'	BIT SIZE	8 3/4"
TOTAL DEPTH — LOGGER	101'	CASING — TYPE & SIZE	NA
TOTAL FOOTAGE LOGGED	101'	CASING DEPTH	NA
LOGGING SPEED	30 FT/MIN	BOREHOLE FLUID	HOH
REFERENCE LEVEL	GL	FLUID RESISTIVITY	24.4 @ 54°F
PROBE NO.	9010-093	SOFTWARE LEVEL	V3L10
TIME IN: 1218		SCALE SELECTION	☒ OPERATOR ☐ CLIENT
TIME OUT: 1242		TP 16-TK1	

REMARKS:

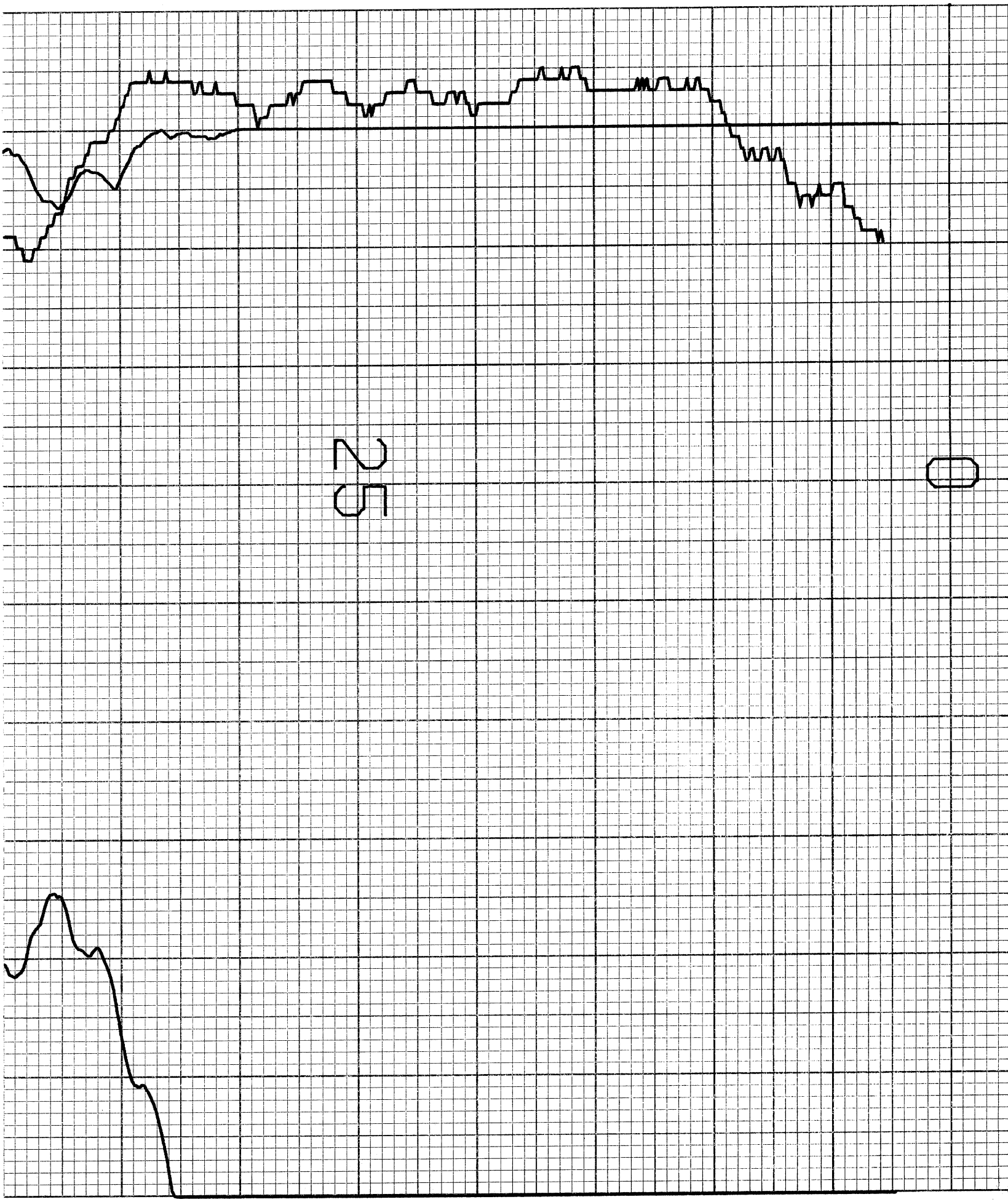
EQUIPMENT DATA

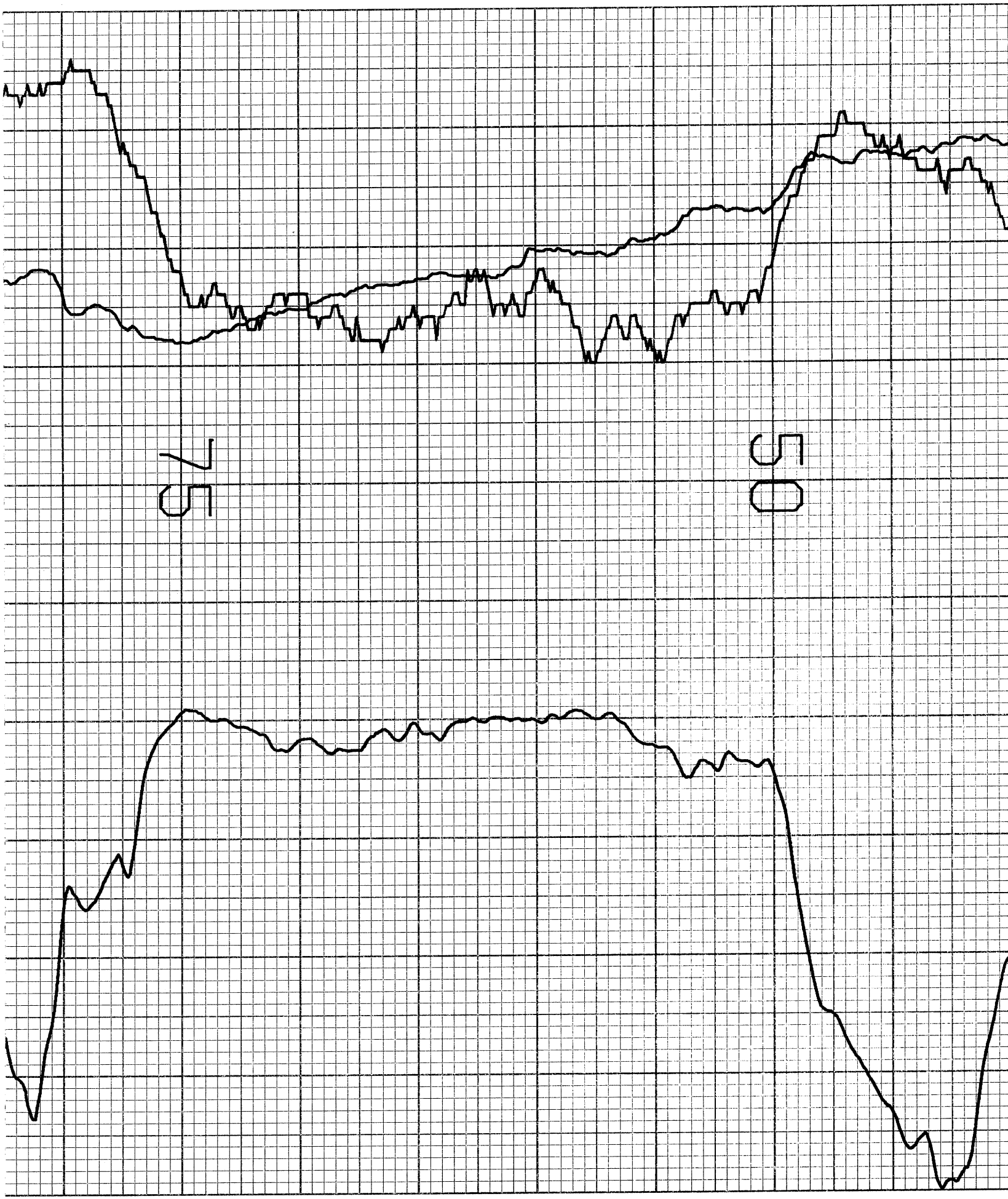
PROBE MODEL		9010	9030	9050/55	9060	
PROBE DIAMETER		1.87"	2.0"	1.87"	1.4"	
NATURAL GAMMA	DETECTOR TYPE	NaI	NaI	NaI	NaI	
	DETECTOR SIZE	.875" x 1.25"	1.125" x 4.5"	.875" x 4.0"	.5" x 3.0"	
	STD. K-FACTOR	1.59×10^{-5}	—	$.558 \times 10^{-5}$	1.62×10^{-5}	
	STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec	
	CALIB. MODEL LOC.		—			
	CALIB DATE		—			
	K-FACTOR $\times 10^{-5}$		—			
	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	—	—	

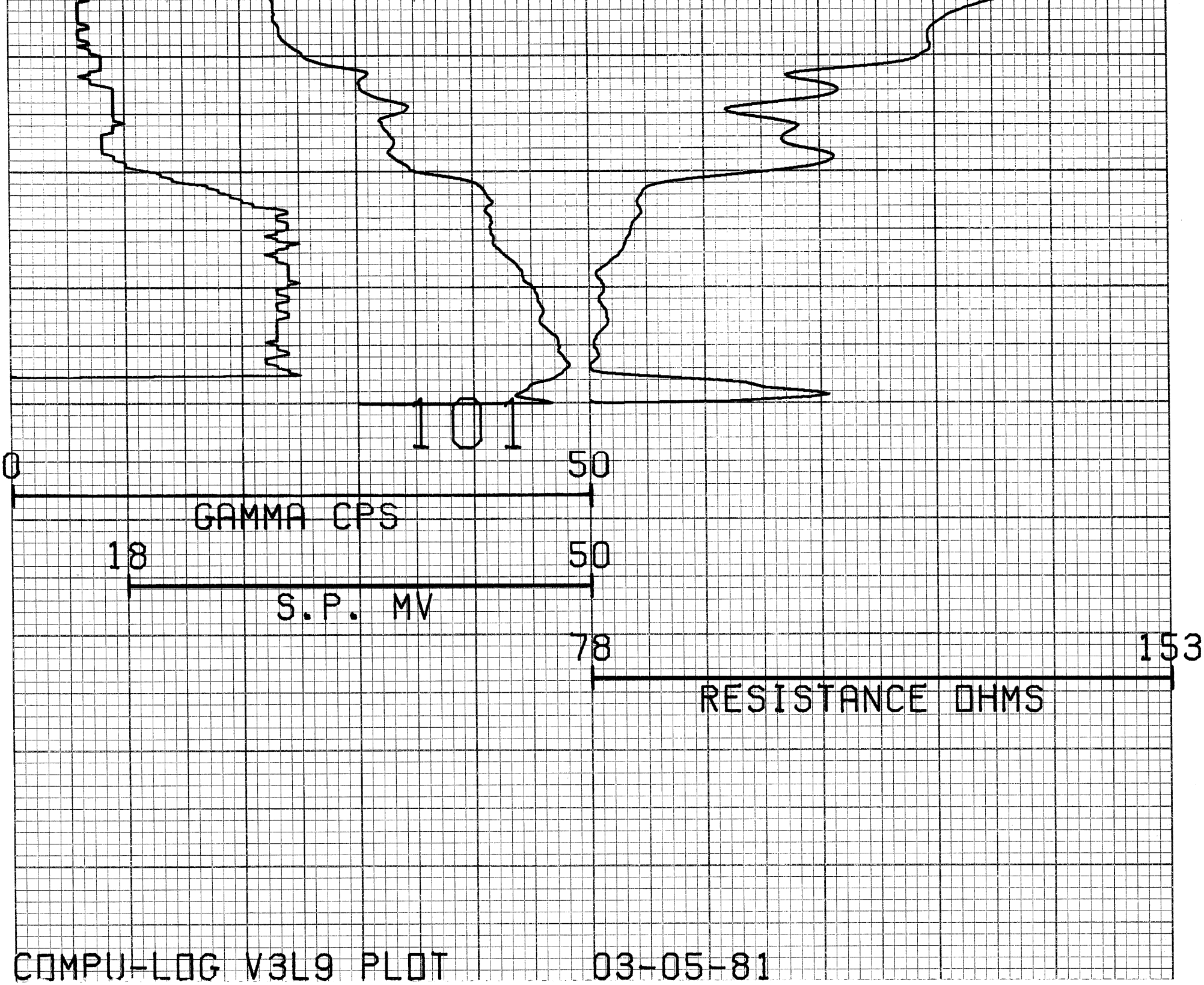
CT-112 REV. 2/11/80

CENTURY GEOPHYSICAL CORP. PART NO. 786-0022

PRINTED IN U.S.A.







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

COMPU-LOG V3L9 PLOT 03-05-81

JB-01
BCM/CWDD
JOSEPH BOROUGHS
HOLE DIAMETER : 08.8

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. 03