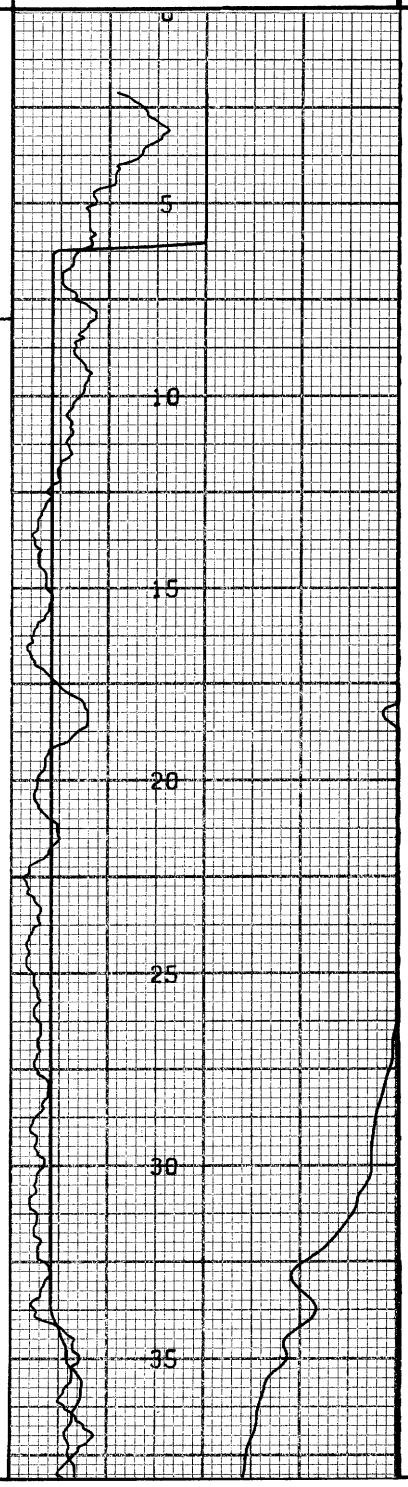
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. CM-06

PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 1 OF 3
CLIENT Betz, Converse, Murdoch, Inc.		PROJ. NO. 80-07203-01
CONTRACTOR Warren George, Inc.		ELEVATION 12.6
		DATUM City of V. B.
		DATE START 3/6/81
		DATE FINISH 3/6/81
		DRILLER V. Aimar
		CWDD REP. J. Durcan

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

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
2					Brown sandy silt (ML) 8.0		
4							
6							
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							
38							



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

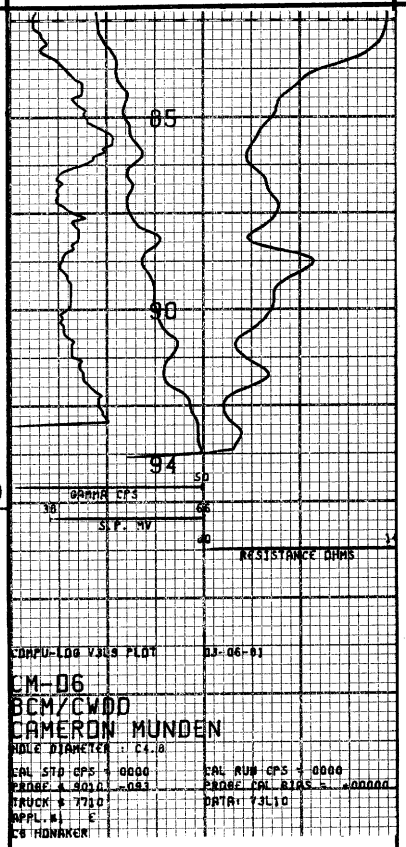
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. CM-06
PROJECT Virginia Beach Ground Water Development Project (Phase I)		SHT. NO. 2 OF 3
CLIENT Betz, Converse, Murdoch, Inc.		PROJ. NO. 80-07203-01

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
40						40	
42							
44						45	
46							
48							
50						50	
52							
54						55	
56							
58					Light gray to gray medium to fine Sand, silty upward and downward, clayey at the bottom (SC) 60.0		
60						60	
62							
64						65	
66					Gray clayey silt, trace shells, trace mica (CH) 68.0		
68							
70						70	
72							
74						75	
76							
78							
80						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.

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. CM-06
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							
90							
92							
94					Greenish gray fine to coarse Sand, clayey upward and down ward, some shells (SC) 95.0		
96							
98							
100							
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
CM-06	6 FEB 81
UNIT/OPERATOR	FIELD OFFICE
7710/HONAKER	LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: CM-06

AREA: CAMERON MUNDEN

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

HOLE DATA

TOTAL DEPTH — DRILLER	95'	BIT SIZE	4 3/4"
TOTAL DEPTH — LOGGER	94'	CASING — TYPE & SIZE	NA
TOTAL FOOTAGE LOGGED	94'	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: 1518		SCALE SELECTION	☒ OPERATOR ☐ CLIENT
TIME OUT: 1542		TP 16-TK4	

REMARKS:

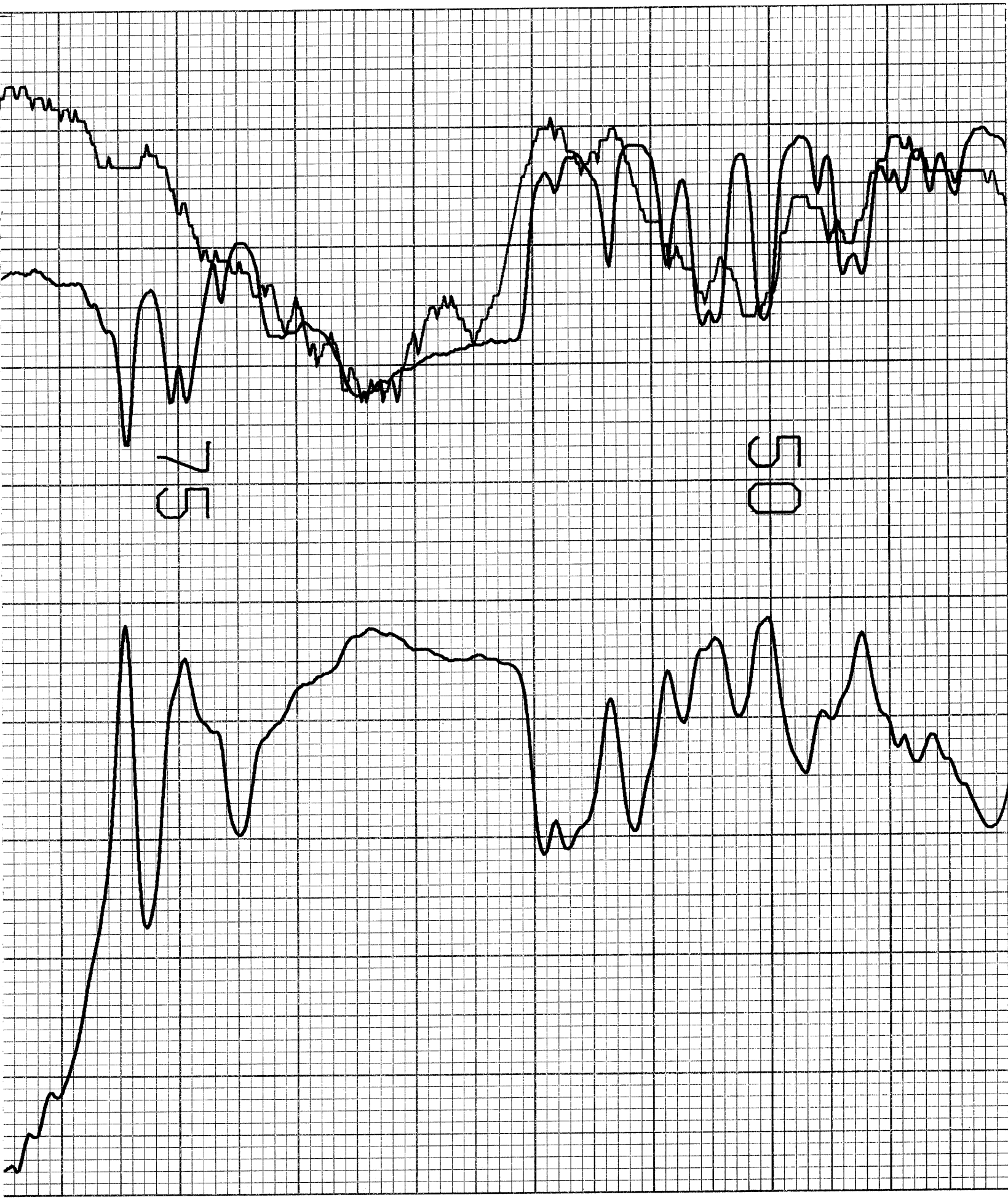
EQUIPMENT DATA

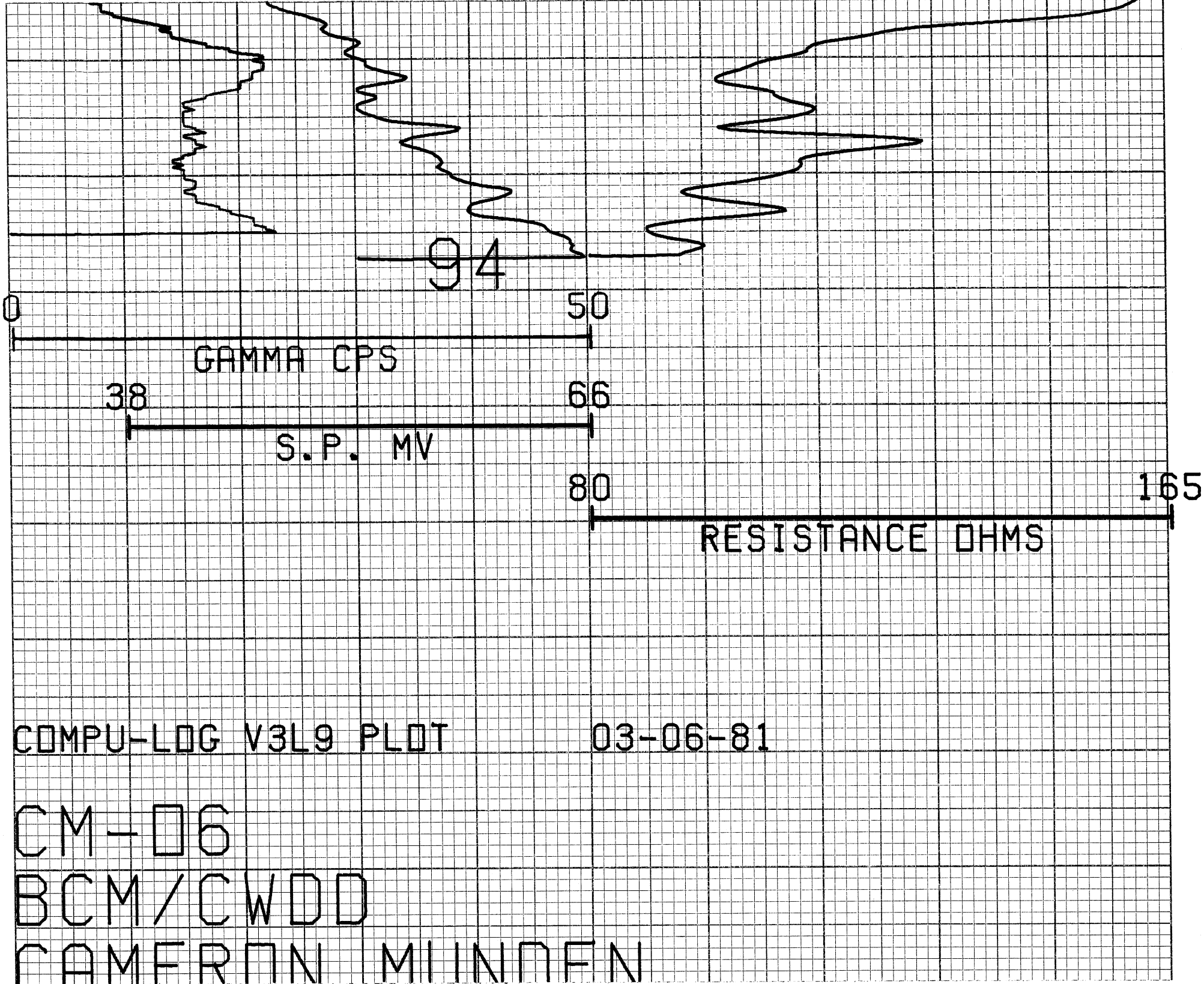
PROBE MODEL		9010	9030	9050/55	9060	
PROBE DIAMETER		1.87"	2.0"	1.87"	1.4"	
NATURAL GAMMA	DETECTOR TYPE	NaI	NaI	NaI	NaI	
	DETECTOR SIZE	.875" x 1.25"	1.125" x 4.5"	.875" x 4.0"	.5" x 3.0"	
	STD. K-FACTOR	1.59×10^{-5}	—	$.558 \times 10^{-5}$	1.62×10^{-5}	
	STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec	
	CALIB.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

HOLE DIAMETER : 04.8

CAL STD CPS = 0000 CAL RUN CPS = 0000

PROBE # 9010 -093 PROBE CAL BIAS = +00000

TRUCK # 7710 DATA: V3L10

APPL. #1 E

CB HONAKER

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