

**NORTH DAKOTA GEOLOGICAL SURVEY**

**WILSON M. LAIRD, State Geologist**

**BULLETIN 46**

**NORTH DAKOTA STATE WATER CONSERVATION COMMISSION**

**MILO W. HOISVEEN, State Engineer**

**COUNTY GROUND WATER STUDIES 7**

**GEOLOGY AND GROUND WATER RESOURCES**

of

**RICHLAND COUNTY**

**PART 2 — BASIC DATA**

by

**CLAUD H. BAKER, JR.**

Geological Survey

United States Department of the Interior



Prepared by the United States Geological Survey  
in cooperation with the North Dakota State  
Water Commission, the North Dakota Geological Survey,  
and the Richland County Board of Commissioners.

Grand Forks, North Dakota

1966

---

This is one of a series of county reports published cooperatively by the North Dakota Geological Survey and the North Dakota State Water Conservation Commission. The reports are in three parts; Part I describes the geology, Part II presents ground water basic data, and Part III describes the ground water resources. Parts I and III will be published later and will be distributed as soon as possible.

CONTENTS

	<u>Page</u>
Introduction-----	1
Purpose and scope-----	1
Well-numbering system-----	1
Utility of data-----	4
References-----	6

ILLUSTRATIONS

Figure 1. County ground-water studies in North Dakota-----	2
2. Well-numbering system used in this report-----	3
3. Locations of wells and springs-----	In pocket
4. Location of test holes and observation wells-----	In pocket
5. Locations of wells sampled for chemical analysis and specific conductance-----	In pocket

TABLES

Table 1. Records of wells, springs, and test holes-----	7
2. Water levels in selected observation wells-----	74
3. Chemical analysis of water from selected wells-----	81
4. Logs of test holes-----	83

---

## INTRODUCTION

### Purpose and Scope

This report on the ground-water basic data for Richland County, North Dakota, is intended to serve two purposes: 1) to make available to the public the basic information needed to facilitate water-supply developments, and 2) to supplement the reports on geology and ground-water resources of the county which will be published later. Figure 1 shows the location of Richland County and other counties in North Dakota in which ground-water studies have been made or are in progress.

Most of the data were collected during 1962, 1963, and 1964 as part of the study of the geology and ground-water resources of Richland County. The study is a cooperative effort of the U.S. Geological Survey, the North Dakota State Water Conservation Commission, and the Richland County Board of Commissioners. Information obtained during four earlier ground-water studies in the county has been incorporated into this study; those studies were made in the areas of Wyndmere (Dennis and others, 1949), Kindred (Dennis and others, 1950), Fairmount (Paulson, 1953), and Hankinson (Powell, 1956).

During this study, information was obtained concerning approximately 2,300 wells in the county. About 450 of these wells were sampled for conductivity determinations, and 49 were sampled for chemical analyses. Seventy-five test holes, totaling more than 19,000 feet, were drilled, and observation wells were installed in 39 of them. Water samples from 28 of the observation wells were collected for chemical analysis, making a total of 73 analyses. In addition to the 39 newly-installed observation wells, periodic water-level measurements were made in 18 existing wells, so that water-level records were obtained for a total of 57 wells. Five wells were equipped with continuous water-level recording devices. All of the information is tabulated in this report.

### Well-Numbering System

The wells, test holes, and springs listed in the tables are numbered according to their location within the United States land survey system (fig. 2). North Dakota is in the area surveyed from the fifth principal meridian and its baseline; townships are all north of the baseline and ranges all west of the meridian. The first numeral of the well number indicates the township, the second numeral the range, and the third numeral the section in which the well or test hole is located. The letters following the section number locate the well within the section; the first denotes the quarter section, the second the quarter-quarter section, and the third the quarter-quarter-quarter section or ten-acre tract. In each case, the letters a, b, c, and d refer to the

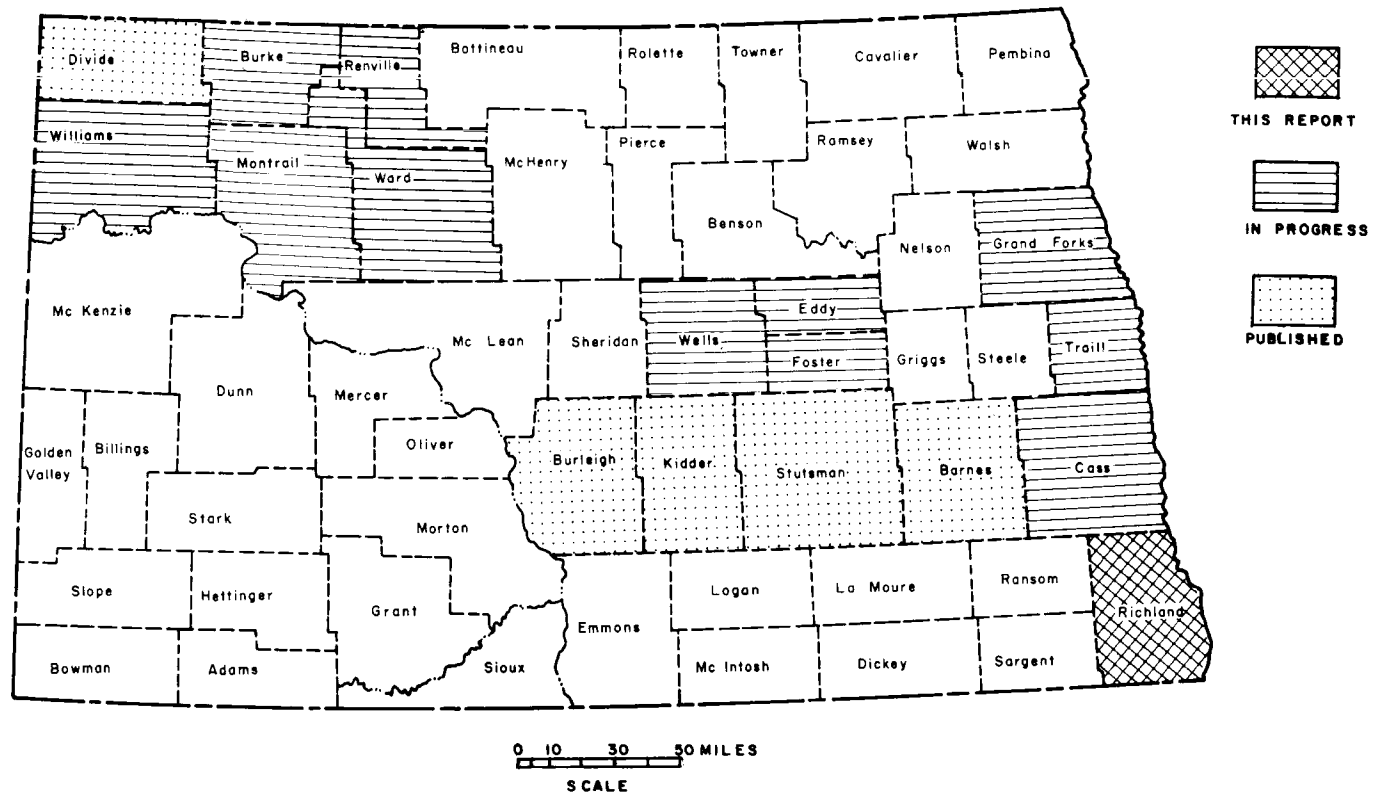


Figure 1. County ground-water studies in North Dakota.

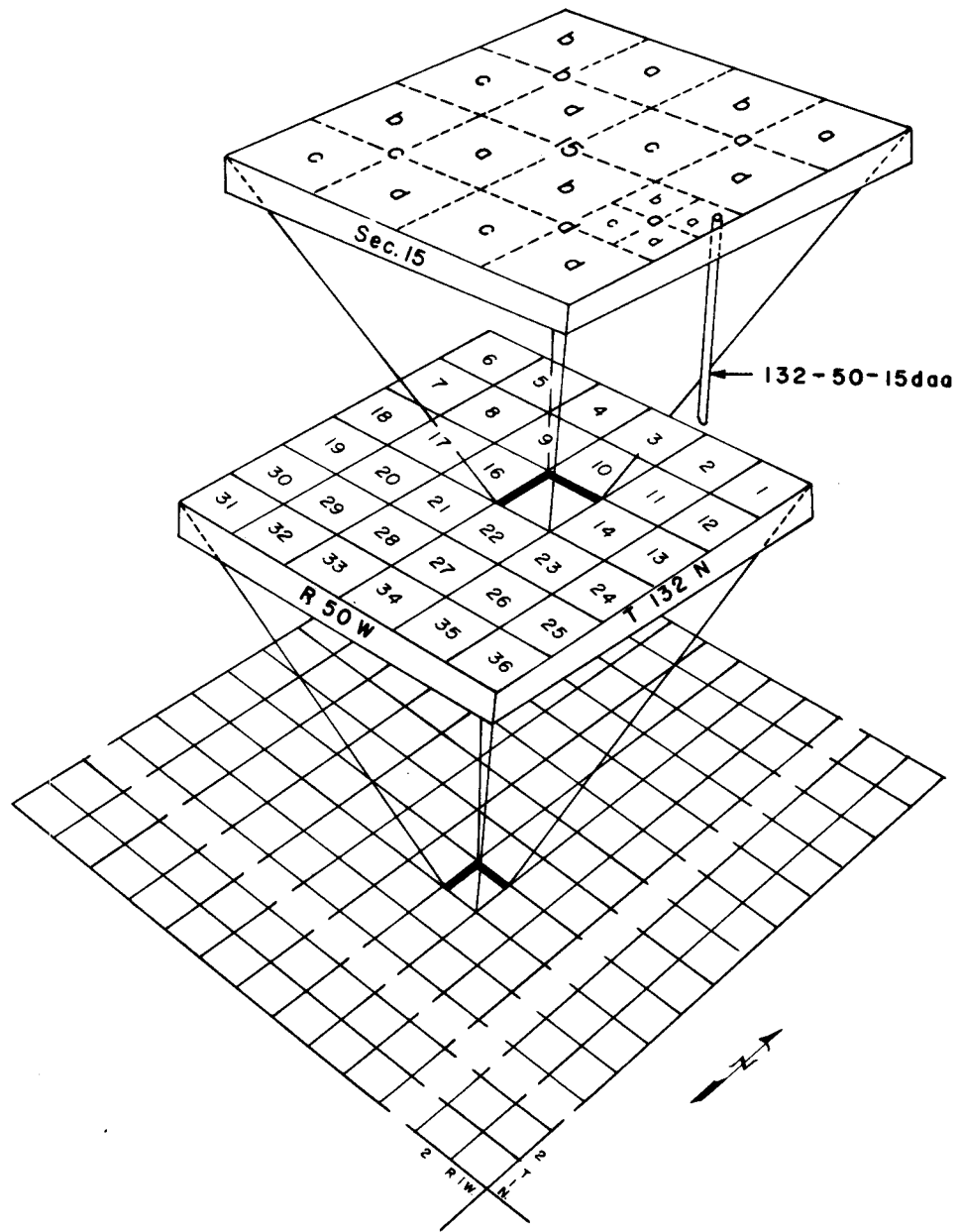


FIGURE 2--SYSTEM OF NUMBERING SPRINGS, WELLS, AND TEST HOLES.

northeast, northwest, southwest, and southeast elements of the division. If more than one well or test hole is recorded within a single ten-acre tract, numbers 1, 2, 3, etc., are added after the letters. Thus, well number 132-50-15daa2 is the second well in the NE<sup>1</sup>/<sub>4</sub> sec. 15, T. 132N., R. 50W. The system is somewhat complicated in Richland County by the presence of a portion of the Wahpeton and Sisseton Indian Reservation. Section lines within the reservation do not correspond with those outside it, and some sections (129-52-9, for example) occur both inside and outside the reservation. Locations within the reservation are indicated by the notation LTL (Lake Traverse Lands) following the range-township-section descriptions.

#### Utility of Data

The information contained in this report is necessary in the evaluation of ground-water conditions in Richland County. The characteristics of existing wells and sources of ground water are shown in table 1 and figure 3 (in pocket). Figure 4 (in pocket) shows locations of test holes and observation wells; logs of test holes are given in table 4, and water-level records for the observation wells are in table 2. Figure 5 (in pocket) shows the locations of wells sampled for chemical analysis and table 3 gives the analyses of water from these wells. The usefulness of the data will be enhanced by a study of the geology and ground-water resources reports when they become available.

Most of the headings in table 1 are self-explanatory or are explained at the beginning of the tables. Column 12, specific conductance, gives the electrical conductivity of water from selected wells in micromhos per centimeter at 25°. This figure depends on the quantity of dissolved solids in the water; the greater the quantity, the higher the specific conductance. Roughly, specific conductance multiplied by a factor of 0.65 approximates total dissolved solids in parts per million (ppm). Specific conductance can be used as an index of water quality, but it must be used carefully, because for many uses the quantity of mineral matter dissolved in water is less important than the nature of the minerals. In Richland County waters with high conductance readings generally are soft, but may have an objectionable salty taste. Conversely, the waters with low conductance readings are generally better tasting, but are commonly hard.

The logs given in table 4 present graphic as well as verbal descriptions of the materials penetrated in each test hole. They also include electric logs. The electric logs denote the measurement of the electrical properties of material penetrated in the test hole. They are of use in identifying the various beds penetrated in a test hole, determining the depth and thickness of an aquifer or impermeable bed, and determining the quality of water and porosity of an aquifer. A complete discussion of electric-log interpretations is not feasible in this report. Briefly, the potential curve is

generally deflected to the left in a more permeable formation and to the right in a less permeable one. Similarly, the resistivity curve is deflected to the right in a more permeable material, to the left in a less permeable one.

All logs were prepared from analyses made by geologists of the North Dakota State Water Conservation Commission at the drilling site during the actual drilling.



#### REFERENCES

- Dennis, P. E., Akin, P. D., and Jones, Suzanne L., 1949, Ground water in the Wyndmere area, Richland County, North Dakota: N. Dak. Ground-Water Studies no. 13, 59 p.
- \_\_\_\_\_ 1950, Ground water in the Kindred area, Cass and Richland Counties, North Dakota: N. Dak. Ground-Water Studies no. 14, 74 p.
- Paulson, O. F., 1953, Ground water in the Fairmount area, Richland County, North Dakota, and adjacent areas in Minnesota: N. Dak. Ground-Water Studies no. 22, 67 p.
- Powell, J. E., 1956, Geology and ground-water resources of the Hankinson area, Richland County, North Dakota: N. Dak. Ground-Water Studies no. 25, 45 p.

TABLE 1.-- Records of wells, springs, and test holes

Depth of well: Measured depths are in feet and (or) tenths; reported depths are in feet.

Type: B, bored; Dr, drilled; Du, dug; Dv, driven; Sp, spring.

Depth to water below land surface: Measured depths are in feet and tenths; reported depths are in feet.

Use of water: D, domestic; I, industrial; O, observation well; P, public supply; RR, railroad; S, livestock; T, test hole; U, unused.

Water-bearing materials: Gr, gravel; Sd, sand, Ss, sandstone; T, till.

Geologic unit: Kd, Dakota Sandstone (may include other bedrock water-bearing units of Cretaceous age or older); Qab, deposits of Lake Agassiz beaches; Qasd, Sheyenne delta deposits of glacial Lake Agassiz; Qd, till and associated glacioaqueous deposits (includes buried and surficial outwash deposits and isolated bodies of sand and gravel within the till); Qm, Milnor channel deposits.

Remarks: C, chemical analysis given in table 3; CF, CH, or CW, chemical analysis published in Fairmount, Hankinson, or Wyndmere report; L, log given in table 4; LF, LH, LK, or LW, log published in Fairmount, Hankinson, Kindred, or Wyndmere report.

Location number	Owner or tenant	Depth of well (feet)	Diameter or size (inches)	Type	Date completed	Depth to water below land surface (feet)	Date of measurement	Use of water	Water-bearing material	Geologic unit	Specific conductance (micromhos/cm at 25°C.)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
129-47												
4abb	A. V. Gajer	93	2	Dr	1898	Flow	6-22-51	S	..	Qd	.....	
5aaa	Test hole F-481	183	5	Dr	1951	....	.....	T	..	..	.....	LF
5cbb	C. A. Kutzer	96	3	Dr	1950	15	.....	D	Gv	Qd	.....	CF
5ddd	W. R. Taylor	96	3	Dr	1900	Flow	6-28-51	D,S	Sd	Qd	.....	CF
6dba	Frank Grundyson	100	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
7dda	G. W. Williams	108	2	Dr	....	11	.....	D,S	..	Qd	.....	
8aaa	Test hole F 482	160	5	Dr	1951	....	.....	T	..	..	.....	LF
9bdc	E. F. Rydell	110	3	Dr	1939	35	.....	D,S	Sd	Qd	.....	
17bbb	Mrs. William Sues	158	3	Dr	....	10	.....	D,S	Sd	Qd	.....	
17dac	James Clarey	106	3	Dr	....	12	.....	D,S	..	Qd	1,570	
18ada	Claire Hermes	108	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
18baa	Willis Prochrow	125	2	Dr	....	17	.....	D,S	Sd	Qd	.....	
19bab	Hans Astrup	100	2	Dr	....	10	.....	D,S	Sd	Qd	1,860	
20aab	Gordon W. Williams	160	2	Dr	....	25	.....	D,S	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-47 (Cont.)</u>												
20bbb	Newell Hardie	100	2	Dr	....	7	.....	D,S	Sd	Qd	.....	
20cdd	John Sauter	180	3	Dr	....	8	.....	D,S	Sd	Qd	.....	
21daa	Dyke Estate	125	2	Dr	....	Flow	10-11-62	D,S	Sd	Qd	.....	
29bcb	Margaret Kaiser	140	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
30ada	Lester Weatherbee	140	2	Dr	....	4	.....	D,S	Sd	Qd	.....	
30ccc	Test hole 3187	227	5	Dr	1964	....	.....	T	..	..	.....	L
30dbb	Anderson Estate	132	2	Dr	....	10	.....	D,S	Sd	Qd	2,170	
31dad	Raymond Fogarty	90	4	Dr	....	40	.....	D,S	Sd	Qd	2,190	
32ccc	Fred Neisch	15	36	Du	....	....	.....	D,S	Sd,Gv	Qd	2,210	
32ddd	John Sauter	120	4	Dr	....	Flow	10-11-62	S	Sd	Qd	3,300	
33baa	Leander Brown	120	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
33ddb	George Herrmann	122	3	Dr	....	15	.....	D,S	Sd	Qd	.....	
<u>129-48</u>												
2abb	Agnes Green	...	..	Dr	....	10.3	6-29-51	U	..	..	.....	
3dda	Mrs. Ruby Schutt	...	..	Dr	....	8	.....	D,S	Sd	Qd	1,650	
5ccc	Arthur Luick	65	2	Dr	....	10	.....	U	Sd	Qd	.....	
5ddd	Fred Mahler	115	2	Dr	....	7	.....	D,S	Sd	Qd	1,000	
6abb	Elroy Borchardt	288	2	Dr	....	Flow	10-11-62	D,S	Sd	Kd	5,910	
6caa	Mrs. Marian Clarey	93	4	Dr	....	10	.....	D,S	Sd	Qd	.....	
8ccd	Bleeker Estate	120	3	Dr	....	20	.....	D,S	Sd,Gv	Qd	.....	
8dda	Julius Larson	50	2	Dr	....	25	.....	D,S	Sd,Gv	Qd	3,460	
9baa	August Buck	10	36	Du	....	....	.....	D,S	T	Qd	.....	
9acd	Laverne Luick	50	2	Dr	....	0	.....	S	Sd	Qd	.....	
10bcb	Fred Kingdom	165	3	Dr	....	Flow	10-11-62	D,S	Sd	Qd	897	
11add	L. W. Lion	180	2	J	1949	16	.....	D,S	Sd	Qd	.....	
11ddd	Roy Snyder	180	4	J	1946	....	.....	D,S	..	Qd	.....	
12bcc	M. Leiner	16	48	Du	....	....	.....	D,S	T	Qd	.....	
13cbb	Melvin Field	40	2	Dr	....	5	.....	D,S	Sd,Gv	Qd	.....	
13ddc	Ralph Bonine	120	2	Dr	....	18	.....	D,S	Sd	Qd	1,450	
14bcc	Ray Grimes	65	2	Dr	....	20	.....	D,S	Sd,Gv	Qd	.....	
14ccd	George Schields	210	5	Dr	....	10	.....	D,S	Sd	Qd	.....	
16cdd	Benjamin Chapman	100	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
18ada	Carl Schroeder	128	4	Dr	....	Flow	10-12-62	D,S	Sd	Qd	1,180	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-48 (Cont.)</u>												
19ccd	Delmer Minar	160	2	Dr	....	7	.....	D,S	Sd	Qd	1,120	
20abb	Peter Differding	140	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
21bab	Arthur Luick	157	2	Dr	....	Flow	10-12-62	D,S	Sd	Qd	1,120	
21cdc	Earl Rosenkrantz	170	2	Dr	....	11	.....	D,S	Sd	Qd	.....	
22abc	Joe Differding	48	3	Dr	1957	6	.....	D,S	Sd,Gv	Qd	.....	
22bab	Rodney Rosenkrantz	12	24	Du	....	0	.....	D,S	Sd,Gv	Qab	914	
24daa1	Victor Anderson	110	2	Dr	1950	7	.....	D,S	Sd	Qd	2,090	C
24daa2	..do....	120	2	Dr	....	23.3	5-7-63	0	Sd	Qd	.....	See table 2.
25ddc	Frank Kargleder	55	2	Dr	....	10	.....	D,S	Sd,Gv	Qab	.....	
26aba	Gordon Luick	25	4	Dr	....	4	.....	D,S	Sd,Gv	Qab	.....	
26ccc	Carl Hardie	38	2	Dr	....	18	.....	D,S	Sd	Qab	.....	
27ccc	Arthur B. Luick	32	2	Dr	....	12	.....	D	Sd	Qab	807	C
28cdd	Paul Walter	30	4	Dr	....	10	.....	D	Sd	Qab	797	C
29add	Fred Snyder	157	2	Dr	....	11	.....	D,S	Sd	Qd	.....	
30aad	Henry Speiser	104	2	Dr	....	12	.....	D,S	Sd	Qd	.....	
31abb	Mrs. Nina Fish	97	2	Dr	....	12	.....	D,S	Sd	Qd	.....	
31ccc	Paul Brandenburg	100	2	Dr	....	50	.....	D,S	Sd	Qd	1,260	
32ada	Fred Snyder	125	4	Dr	....	35	.....	D,S	Sd	Qd	1,460	
32dda	Alfred Biggs	130	4	Dr	....	30	.....	D,S	Sd	Qd	.....	
33baa	George Bickerdike	34	2	Dr	....	12	.....	D,S	Sd	Qab	.....	
33cbb	Orville Osborn	30	2	Dr	....	10	.....	D,S	Sd	Qab	.....	
34bbb1	John Snyder	30	2	Dr	....	15	.....	S	Sd,Gv	Qab	609	
34bbb2	..do....	30	2	Dr	....	....	.....	D	..	Qab	543	
35add	Mrs. Bill Suess	20	2	Dv	....	10	.....	D,S	Sd,Gv	Qab	1,760	
35bbb	..do....	92	2	Dr	....	15	.....	D,S	Sd,Gv	Qd	.....	
36aad	Walter Hardie	40	3	Dr	....	16	.....	D,S	Sd,Gv	Qab	.....	
<u>129-49</u>												
1bbc	John Vallengo	156	2	Dr	....	20	.....	D,S	Sd	Qd	1,910	
1cbb	Louis Herding	123	2	Dr	....	17	.....	D,S	Sd	Qd	.....	
4bcc	Muehler Bros.	34	3	Dr	....	20	.....	D,S	Sd	Qab	642	
5add	Arnold Bladow	16	2	Dr	....	....	.....	D	..	Qab	.....	
5bab	Mrs. Elsie Korth	75	2	Dr	....	13	.....	D	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
129-49 (Cont.)												
5bcb	Herman Strache	31	1 $\frac{1}{4}$	Dv	....	4	.....	D,S	Sd	Qab	.....	
6aca	Fred Roeder	45	2	Dr	....	15	.....	D,S	Sd	Qab	.....	
6bbd	Fred J. Pankow	30	1 $\frac{1}{4}$	Dv	....	12	.....	D,S	Sd	Qab	1,260	
6cad	Matilda Brummond	18	1 $\frac{1}{4}$	Dv	....	8	.....	D,S	Sd, Gv	Qab	.....	
7dda	Harry Medenwaldt	132	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
8aad	August Medenwaldt	15	1 $\frac{1}{4}$	Dv	....	10	.....	D,S	Sd	Qab	.....	
8dec	Joseph Schlitz	38	1 $\frac{1}{4}$	Dv	....	12	.....	D,S	Sd	Qab	.....	
9abb	Theodor Medenwaldt	35	1 $\frac{1}{4}$	Dv	....	2	.....	D,S	Sd	Qab	.....	
9bcb	Henry Muehler	35	1 $\frac{1}{4}$	Dv	....	10	.....	D,S	Sd	Qab	531	C
10cdd	Hubert Herding	34	1 $\frac{1}{4}$	Dv	....	15	.....	D,S	Sd	Qab	.....	
12aba	Harry Schroeder	156	2	Dr	....	12	.....	D,S	Sd	Qd	1,400	
13bbb1	Earl Leavitt	25	2	Dr	....	10	.....	D,S	Sd	Qab	.....	
13bbb2	Test hole 3188	227	5	Dr	1964	....	.....	T	..	..	.....	L
15bbc	Carl Differding	35	2	Dr	....	20	.....	S	Sd	Qab	.....	
16bba	Clarence Prochnow	22	70	Du	....	8	.....	U	Sd	Qab	1,420	
17abb	Mrs. Helen Pribbernow	40	2	Dr	....	24.7	8-16-62	S,O	Sd	Qab	.....	See table 2.
17cdc	Walter Bark	140	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
18bbb	Nicholas Harding	68	1 $\frac{1}{4}$	Dr	....	18	.....	D,S	Sd	Qab	.....	
18ccc	George Koehler	100	2	Dr	....	40	.....	D,S	Sd	Qd	591	
19cdc	Erwin Crooks	60	2	Dr	....	17	.....	D,S	..	Qab	.....	
20bbb	Wm. Wurl	37	2	Dr	....	16	.....	D,S	Sd	Qab	.....	
20dda	Alvin Prochnow	42	1 $\frac{1}{4}$	..	....	15	.....	D,S	Sd	Qab	1,730	
21bba	Nick Wagner	160	3	Dr	....	....	.....	D,S	Sd	Qd	.....	
23cdd	Albin Pribbernow	139	2	Dr	....	15	.....	D,S	Sd, Gr Gv	Qd	.....	
25ccd	Carl E. Hansen	128	4	Dr	....	20	.....	D,S	Sd	Qd	.....	
26aad	Wm. Sturgess	233	2	Dr	....	16	.....	D,S	Sd	Qd	1,000	
26bbb	Theodore Hamling	130	2	Dr	....	25	.....	D,S	Sd	Qd	1,050	
26cdc	James Bircham	40	2	Dr	....	12	.....	D,S	Sd	Qab	.....	
26dad	Martin Bircham	132	4	Dr	....	40	.....	D,S	Sd	Qd	.....	
27cbb	Harley Anderson	60	3	Dr	....	16	.....	D,S	Sd	Qab	.....	
28dda	..do....	132	4	Dr	1956	18	.....	D,S	..	Qd	1,320	
29bdb	Elroy Kinn	130	2	Dr	....	14	.....	D,S	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-49 (Cont.)</u>												
29ddd	Henry Herding	96	3	Dr	....	45	.....	D,S	Sd	Qd	.....	
30ddd	Walter Briggs	100	2	Dr	....	90	.....	D,S	Sd	Qd	.....	
33bdb	Delmar Pohl	96	2	Dr	1928	50	.....	D,S	Sd	Qd	.....	
33dac	Joseph Roob	145	3	Dr	....	10	.....	U	..	Qd	.....	
34aab	Elizabeth Herding	130	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
34baa	Arthur Anderson	187	4	Dr	1947	20	.....	D,S	Sd	Qd	.....	
36bbb	Eugene Klein	80	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
<u>129-49 LTL</u>												
19cc	Clarence Swanson	50	36	B	....	40	.....	D	Sd,Gv	Qd	.....	
19cd	Gilbert Ostby	83	2	Dr	....	33	.....	D,S	Sd	Qd	.....	
20	Mrs. Hazel Gray	250	2	Dr	....	28	.....	D,S	Sd	Qd	2,960	
<u>129-50</u>												
1bab	Alvin Buckhaus	90	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
1dda	Edward Prochnow	42	1 $\frac{1}{4}$	Dr	1961	20	.....	D,S	Sd	Qm	.....	
2bba	Boldt Bros.	30	1 $\frac{1}{4}$	Dv	....	12	.....	D	Sd,Gv	Qm	.....	
2ccc	Fred Emde	70	2	Dr	....	30	.....	S	Sd	Qd	905	
3ccc	Eugene Lenz	40	2	Dr	....	20	.....	U	Sd	Qd	.....	
4bab	Matt & George Reinke	98	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
4bca	Milo Rossow	76	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
4dcc	Gustav Lenz	65	2	Dr	....	25	.....	D,S	Sd,Gv	Qd	1,440	
5bbb	Test hole 3180	152	5	Dr	1964	84.2	11-11-64	T,O	Sd,Gv	Qd	857	L, C, Obs. well 140 ft.
5cdc	Robert Vedder	80	2	Dr	....	45	.....	D,S	Sd	Qd	.....	
5ddd	Max Lenz	72	2	Dr	....	25	.....	U	Sd,Gv	Qd	.....	
6bab	Herman Bagus	143	2	Dr	....	30	.....	D,S	Sd,Gv	Qd	.....	
6ddd	Daniel Berndt	72	2	Dr	....	55	.....	D,S	Sd,Gv	Qd	1,140	
7baa	Charles Mendenwaldt	120	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
7dda	Alfred Fust	87	2	Dr	....	30	.....	D,S	Sd,Gv	Qd	.....	
8aac	George Schultz	70	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
8ccb	Theodore Roeder	80	2	Dr	....	30	.....	D,S	Sd	Qd	1,160	C
9aab	Ben Schwebach	79	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
10ada	John Hentz	60	2	Dr	....	20	.....	U	Sd	Qd	.....	
11aba	Matt Elsen	25	2	Dr	....	....	.....	S	Sd	Qd	.....	

11

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-50 (Cont.)</u>												
11dcd	John Krause	68	2	Dr	....	26	.....	D,S	Sd	Qd	622	
12aaa	Frieda Bladow	16.0	2	Dr	....	4.5	8-1-63	0	Sd	Qd	.....	See table 2.
12dda	Harold Koehler	38	1 $\frac{1}{4}$	Dr	....	24	.....	D	Sd	Qd	.....	
13aab	Harry Mendenwaldt	60	2	Dr	....	20	.....	S	Sd	Qd	.....	
13dab	U.S. Fish and Wild- life Service	100	..	J	....	Flow	.....	U	Sd	Qd	2,020	C
14bcb	John Wilm	53	2	Dr	....	20	.....	D	Sd	Qd	.....	
14cdd	Math Schiltz	140	4	Dr	....	20	.....	D,S	Sd	Qd	.....	
15bbb1	James Hentz	42	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
15bbb2	Test hole 3185	92	5	Dr	1964	....	.....	T	..	..	.....	L
15dda	Birnbaum Farm	30	36	Du	....	26	.....	D,S	Sd	Qd	.....	
17bbb	Maurice Lenzen	100	2	Dr	....	18	.....	D,S	Sd	Qd	.....	
18aac	Myron Schmidt	124	2	Dr	....	30	.....	D,S	Sd,Gv	Qd	995	
18dad	Ewald Boehning	100	2	Dr	....	30	.....	D,S	Sd,Gv	Qd	.....	
19ddd	Wm. Riemann	95	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
20aaa	Francis Birnbaum	120	4	Dr	....	60	.....	D,S	Sd	Qd	.....	
20abb	Wm. Riemann, Sr.	45	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
20bbc	Robert H. Hartleben	90	2	Dr	....	65	.....	D,S	Sd	Qd	.....	
20cbc	Wm. H. Reddatz	219	2	Dr	....	15	.....	D,S	Sd	Qd	1,210	
21daa	Anna Smith	35	..	Dr	....	15	.....	D,S	Sd,Gv	Qd	.....	
22aad	John Birnbaum	50	2	Dr	1959	20	.....	D,S	Sd	Qd	.....	
22bcb	Edmund Kieffer	165	2	Dr	....	35	.....	D,S	Sd	Qd	1,260	
23acd	John Schlitz	90	3	Dr	....	30	.....	D,S	Sd	Qd	.....	
23bba	Augusta Birnbaum	120	2	Dr	1961	25	.....	D,S	Sd	Qd	.....	
24bbb	John Krause	100	3	Dr	....	25	.....	U	Sd	Qd	.....	
26aba	Elizabeth Kassa	30	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
26ddc	Theodore Swanson	60	4	Dr	1950	14	.....	D,S	Sd	Qd	1,230	
27aab	Dan Jones	28	48	Du	....	16	.....	D,S	Sd	Qd	.....	
28bab	Edward Reinke	162	4	Dr	....	20	.....	D,S	Sd	Qd	1,740	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-50 LTL</u>												
19ccc	Leonard Grob	60	1½	Dr	....	40	.....	D,S	Sd	Qd	.....	
22adb	Marvin Pederson	32	48	Du	....	22	.....	D,S	Sd,Gv	Qd	.....	
22bbc	Christ Sunde	59	2	Dr	....	20	.....	D,S	Gv	Qd	.....	
24cd	Swanson Bros.	115	2½	B	....	30	.....	D,S	Sd	Qd	1,870	
<u>129-51</u>												
1bbb	Test hole 3181	347	5	Dr	1964	63.6	11-11-64	T,O	Sd,Gv	Qd	882	L,C, Obs.Well 140 ft.
2ddb	Herbert Bellin	126	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
4aaa	Lester Hively	100	2	Dr	....	....	.....	U	Sd	Qd	.....	
4ccb1	Mike Schneider	120	2	Dr	....	100	.....	D,S	Sd	Qd	.....	
4ccb2	Mike Schneider	626	1½	Dr	....	Flow	11- 8-62	S	Ss	Kd	5,130	Est. flow 1 gpm
5abb	Ella Kackman	130	2	Dr	....	115	.....	D,S	Sd	Qd	.....	
5ccc	Emmanual Lutheran Church	113	2	Dr	....	....	.....	D	Sd	Qd	.....	
5dba	Mrs. Mary Strege	68	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
6bbb	Leonard Radke	90	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
6daa	Hoefs Bros.	105	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
7aaa	Albert C. Lawrence	710	3	Dr	1937	Flow	11- 8-62	D,S	Ss	Kd	5,520	C,Est. flow 1 gpm.
7bbc	..do....	80	2	Dr	....	35	.....	S	Sd	Qd	.....	
7ddd	Mike Kloepfel	135	2	Dr	....	116	.....	D,S	Sd	Qd	961	
9bbd	Kermit Kube	100	2	Dr	....	55	.....	D,S	Sd	Qd	.....	
9ccd	Harry Strege	125	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
10cdd	Ella Trittin	95	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
10ddd	Ronald Ohri	117	2	Dr	....	24	.....	S	Sd	Qd	.....	
11ddd	Ted Marahl	90	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
12bda	Margaret Hentz	100	2	Dr	....	16	.....	D,S	Sd	Qd	635	
13bac	Randolf Ohn	112	2	Dr	....	96	.....	D,S	Sd	Qd	.....	
13cb	Test hole 3182	302	5	Dr	1964	16.4	11-11-64	T,O	Sd,Gv	Qd	750	L,C, Obs. well 120 ft
13dba	Joe Svestka	135	2	Dr	....	55	.....	D,S	Sd	Qd	.....	
13dbb	Bernard Kutler	70	2	Dr	1952	20	.....	D	Sd	Qd	.....	
14bbd	Marold	80	2	Dr	....	60	.....	S	Sd	Qd	.....	
14cac	Paul H. Ohm	114	2	Dr	....	40	.....	D,S	Sd	Qd	.....	



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-51</u> (Cont.)												
14daa	Reinhart Franz	90	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
15aab	Randolf Erhart	120	2	Dr	....	100	.....	D,S	Sd	Qd	.....	
15bbb	Test hole 3184	107	5	Dr	1964	....	.....	T	..	..	.....	L
15ccc	E. A. Berner	92	2	Dr	....	72	.....	D,S	Sd	Qd	1,240	
16ccd	Wm. Tesch	132	2	Dr	....	80	.....	D,S	Sd	Qd	.....	
17add	George Duerr	150	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
17cbb	Arnold Willprecht	750	2	Dr	....	Flow	11- 8-62	D,S	Ss	Kd	5,190	
18aaa	Arthur Hoefe	130	2	Dr	....	124	.....	D,S	Sd	Qd	.....	
24add	Gertrude Kutler	100	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
24ccb	Harry Kluge	110	2	Dr	....	37	.....	D,S	Sd	Qd	.....	
24ddd	Lorenze Kluge	90	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
<u>129-51</u> LTL												
7cbc	Lawrence Heger	105	2	Dr	....	85	.....	D,S	Sd	Qd	.....	
7dbb	Frank Duerr	900	..	Dr	....	Flow	11- 9-62	D,S	Ss	Kd	5,640	
10ccc	Edwin Marohl	120	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
13dba	Olbey Meyer	65	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
14cdb	Henry Arndt	90	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
15ccc	Art Marohl	90	2	Dr	....	35	.....	D,S	Sd	Qd	.....	
15dda	Edwin L. Arndt	66	36	Du	....	60	.....	D,S	Sd	Qd	.....	
17aad	Arthur Ahrens	124	2	Dr	....	98	.....	D,S	Sd	Qd	865	C
17cdc	Ray Kutter	94	2	Dr	1956	40	.....	D,S	Sd	Qd	.....	
19bbb	F. M. Pedhola	106	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
20baa	Julius Strege	118	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
20cdc	John H. Ahrens, Jr.	102	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
22add	Arthur Remmen	80	2	Dr	....	15	.....	S	Sd	Qd	.....	
22bcb	Test hole 3183	227	5	Dr	1964	....	.....	T	..	..	.....	L
22bcc	Delmer Rossow	70	2	Dr	....	35	.....	S	Sd	Qd	.....	
23cbc	E. A. Arndt	91	2	Dr	....	8	.....	U	Sd	Qd	.....	
23dc	F. O. Healy	140	2	Dr	1960	....	.....	D,S	Sd	Qd	.....	
24add	Delmer Rossow	78	48	B	....	31.0	8- 1-63	S,O	Sd	Qd	.....	See table 2.
24bbc	..do....	47	48	B	....	40	.....	D,S	Sd	Qd	.....	
24cbb	Frank Kadoun	40	42	B	....	35	.....	D,S	Sd	Qd	1,060	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-52</u>												
1aad	Anton J. Gaukler	100	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
1bca	Lester Smith	100	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
2aaa	..do....	120	2	Dr	....	35	.....	S	Sd	Qd	.....	
2bcc	Henry Helmer	132	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
2dbc	Ted Harles	75	2	Dr	....	....	.....	S	Sd	Qd	.....	
3bbd	Louis Helmer	115	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
4aaa	Erich Ebel	115	2	Dr	....	100	.....	D,S	Sd	Qd	1,210	
4cac	Isabel Hansen	60	2	Dr	....	45	.....	D,S	Sd	Qd	.....	
4ddd	Harold Shustron	140	2	Dr	....	....	.....	D	Sd	Qd	.....	
8aaa	Leonard Mumm	68	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
8dad	Emil Mumm	80	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
10add	Gust Haase	85	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
10bac	Herman Shustron	80	2	Dr	....	50	.....	D,S	Sd	Qd	1,310	
11aac	Ted Harles	75	2	Dr	....	35	.....	D,S	Sd	Qd	.....	
11bcb	Harry Paetzke	60	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
11dab	Math Harles	72	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
12cab	Cyril Heley	100	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
12dba	Frank Svestka	134	2	Dr	....	55	.....	D,S	Sd	Qd	788	
13daa	Henry Gaulker	110	2	Dr	....	....	.....	D,S	Sd,Gv	Qd	.....	
14aaa	Joseph Biewer	90	2	Dr	....	....	.....	D	Sd	Qd	.....	
15baa	Jake Osten	75	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
<u>129-52 LTL</u>												
4ccd	Wilbur Kackman	100	2	Dr	....	....	.....	..	..	Qd	.....	
4dcc	Mrs. Math Harles	710	2	Dr	....	Flow	11-16-62	D,S	Ss	Kd	4,500	
8daa	Charles Wollitz	90	2	Dr	....	50	.....	D,S	Sd	Qd	835	C
9cba	Devain O. Helmer	60	1 $\frac{1}{4}$	Dr	....	....	.....	D,S	Sd	Qd	.....	
9dbb	Mrs. Johanna Ulland	85	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
10bbb	Albert Tuma	87	2	Dr	....	70	.....	D,S	Sd	Qd	.....	
11bcd	Arnold Willprecht	92	2	Dr	....	50	.....	D	Sd	Qd	.....	
12dbd	Milton Nechas	118	2	Dr	....	50	.....	D,S	Sd	Qd	1,240	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>129-52 LTL, Cont.</u>												
13ccc	Edward Ringsaken	130	2	Dr	1947	50	.....	D,S	Gv	Qd	.....	
14cab	Herman Lentz	128	2	Dr	....	30	.....	S	Sd	Qd	.....	
14ddb	Marvin Lentz	145	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
15aaa	John Gettel	104	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
15bba	Iver Lentz	100	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
15cca	Kenneth Lentz	125	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
15ddd	Herman Lentz	130	2	Dr	....	30	.....	D,S	Sd	Qd	597	
16bbc	Arvid Christenson	125	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
16ccb	Leonard Thurmer	68	2	Dr	....	34	.....	D,S	Sd	Qd	.....	
17aad	Charles Wollitz	58	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
20ada1	Hans Loraas	120	2	Dr	....	50	.....	D	Sd	Qd	.....	
20ada2	..do....	40	36	Du	....	30	.....	S	Sd	Qd	.....	
20bcc1	John Stenson	90	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
20bcc2	..do....	700	1 $\frac{1}{2}$	Dr	....	Flow	.....	S	Ss	Kd	5,180	
21cbc	Alvin Loraas	75	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
22ccc	Michael Haas	...	1 $\frac{1}{4}$	Dr	....	Flow	11-14-62	D,S	Sd(?)	Kd(?)	.....	
23aaa	Walter Tisch	135	2	Dr	....	70	.....	D,S	Sd	Qd	.....	
23bcc	Donald Funfar	135	2 $\frac{1}{2}$	Dr	....	25	.....	D,S	Sd	Qd	.....	
23ccb	Gene Kohl	98	2	Dr	....	15	.....	U	Sd	Qd	.....	
23ddd	Walter Tisch	80	2	Dr	....	53.5	11-14-62	U	Sd	Qd	579	
24baa	A. B. Gaulker	104	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
24cdc	Oscar Lentz	130	2	Dr	....	30	.....	D,S	Sd,Gv	Qd	.....	
24daa	Carl Gaukler	118	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
<u>130-47</u>												
4cad	Ed Omeara	185	5	Dr	....	....	.....	D,S	Sd	Kd	.....	
5aaa	A. J. Matheson	265	3	Dr	....	15	.....	D,S	Sd	Kd	2,910	
5ddd	Peter Wawers	240	3	Dr	....	....	.....	D,S	Sd	Kd	.....	
6abb	Lloyd Rubish	277	3	J	1949	....	.....	D,S	Sd	Kd	.....	
6baa	E. W. Nelson	266	3	J	1949	....	.....	D,S	Sd	Kd	.....	
6dda	Test hole F-485	280	5	Dr	1951	....	.....	T	..	..	.....	LF

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13)

130-47 (Cont.)

6adc	Stephen Campbell	335	2	Dr	....	20	.....	D,S	..	Kd	.....	
7ada	Amos Penn	35	2	Dr	....	....	.....	D,S	Gv	Qab	.....	
7cdb	Martin Sikorsky	262.3	5	Dr	....	26.6	6-20-51	D,S	..	Kd	3,140	
7dcc	W. H. Newby	199	2 $\frac{1}{2}$	Dr	1900	....	.....	D,S	Sd	Kd	.....	
8caa	Test hole F-484	260	5	Dr	1951	....	.....	T	..	..	.....	LF
8dca	Joe Rassier	235	3	Dr	....	....	.....	D,S	Sd	Kd	.....	
9bcb	Clarence Kutzer	260	3	Dr	....	....	.....	D,S	Sd	Kd	.....	
9cbb	George Gast	240	3	Dr	....	....	.....	D,S	Sd	Kd	.....	
10bbb	John Herding	140	3	Dr	....	....	.....	D,S	Sd	Qd	.....	
10ddb	Harry Scheldegger	218	2	Dr	1922	10	.....	D,S	Sd	Kd	.....	
15bbb	H. M. Griffith	220	2	J	....	....	.....	D,S	Sd	Kd	.....	
16bcb	August Colburg	240	3	J	1930	20	.....	D,S	Sd	Kd	1,940	
16cbb	Ed Smith	130	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
17daa	Test hole F-483	210	5	Dr	1951	....	.....	T	..	..	.....	LF
17dda	Chet Meade	90	3	J	....	....	.....	S	..	Qd	.....	
18aab	Bessie Parkle	155	2	Dr	....	....	.....	D,S	..	Qd	.....	
18bab	Grant Peterson	200	4	..	....	26.8	6-20-51	D,S	..	Kd	.....	
18dcd	Earl Schouweiler	241	4	Dr	1950	12	.....	D,S	Sd	Kd	.....	LF
19bcc	Test hole F-476	250	5	Dr	1951	....	.....	T	..	..	.....	LF
19ccc	Clarence Swanson	150	4	Dr	1931	40	.....	D,S	..	Qd	.....	
20acc	E. H. Whetstein	80	3	J	....	....	.....	S	..	Qd	.....	
20cbb	Test hole F-475	230	5	Dr	1951	....	.....	T	..	Kd	.....	LF
20dcb	Test hole F-474	240	5	Dr	1951	....	.....	T	..	Kd	.....	LF
20dbc1	Cudahay Packing Co.	231	6	Dr	1930	90	.....	I	Gv	Kd(?)	.....	CF
20dbc2	Dakota Locker Co.	240	4	Dr	....	....	.....	U	Sd	Kd	.....	
20dca	Bill Simpson	225	5	Dr	1917	....	.....	D	Sd	Kd	.....	
21bbc	F.A. & E.S. Matheson	160	..	J	....	....	.....	D,S	..	Qd	.....	
21cbb	Test hole F-473	218	5	Dr	1951	....	.....	T	..	Kd	.....	LF
21daa	Test hole F-472	184	5	Dr	1951	....	.....	T	..	Qd	.....	LF
21dbal	Village of Fairmount	115	26-16	Dr	1951	....	.....	P	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>130-47 (Cont.)</u>												
21dba2	City of Fairmount	113	8	Dr	1947	30	.....	P	Sd	Qd	.....	CF
21dbb1	..do....	135	8	Dr	....	15.3	9- 2-64	O	Sd	Qd	.....	
21dbb2	..do....	120	6	Dr	....	18.9	11-21-63	O	Sd	Qd	.....	
22cab1	Test hole F-471	230	5	Dr	1951	....	.....	T	..	..	.....	LF
22cab2	Dave Miller	88.3	4	Dr	....	4.1	6- 7-51	U	Sd	Qd	.....	
22abd	Test hole F-470	230	5	Dr	1951	....	.....	T	..	..	.....	LF
28abb	Paul Pinkney	95	3	Dr	1936	11.5	6- 6-51	D,S	Sd	Qd	.....	
28bbb	Mrs. C. Pinkney	83	3	Dr	1914	....	.....	D	Sd	Qd	.....	
28ccb1	Hurdelbrink Bros.	95	3	Dr	....	....	.....	D	Sd	Qd	.....	
28ccb2	..do....	95	3	Dr	....	5	.....	S	Sd	Qd	.....	
29aaa	Test hole F-479	210	5	Dr	1951	....	.....	T	..	..	.....	LF
29aba	Carl Swanson	220	5	Dr	....	80	.....	D,S	Gv	Kd(?)	.....	
29cbcl	R. S. Branson	200	2	J	1937	25	.....	S	..	Kd	.....	
29cbc2	..do....	205	4	Dr	1950	20	.....	D	Sd	Kd	.....	
30abb	Glenn Swanson	225	4	J	....	....	.....	D,S	Gv	Kd(?)	1,890	
30acd	H. Bertelson	222	2 $\frac{1}{2}$	Dr	....	....	.....	D,S	Sd	Kd	.....	
31abb	R. S. Branson	228	3	Dr	....	10	.....	D,S	Sd	Kd	.....	
31baa	Henry Schmitt	230	3	Dr	....	25	.....	D,S	Sd	Kd	.....	
31ddd	Thad Branson	90	3	Dr	....	....	.....	D,S	..	Qd	.....	
32aaa	Test hole F-480	210	5	Dr	1951	....	.....	T	..	..	.....	LF
32add	J. A. Barner	90	5	Dr	1890	20	.....	D,S	Sd	Qd	.....	
33bbb	Burt Kurtz	90	5	Dr	1915	7	.....	D,S	Sd	Qd	.....	
33ccb1	A. J. Gajer	98	3	Dr	1924	Flow	6-22-51	D	Sd	Qd	.....	
33ccb2	..do....	104	2	Dr	1904	Flow	6-22-51	S	Sd	Qd	.....	
<u>130-48</u>												
1ccb	M. Christianson	270	3	Dr	....	22.3	6-25-51	D,S	..	Kd	.....	
1ddc	T. Bertelson	270	..	Dr	....	18	.....	D,S	..	Kd	.....	CF
2aaa	Albert Steffens	270	3	J	1928	12	.....	D,S	..	Kd	4,980	
2ded	Albert Gast	260	3	J	....	20	.....	D,S	..	Kd	.....	
3abb	Mrs. Lawrence Leinen	50	3	Dr	....	25	.....	D,S	Sd	Qd	.....	
3baa	Math. J. Meyer	249	2	Dr	....	16	.....	D,S	Sd	Kd	.....	CH
3ddd	Jack Sittarich	240	2	Dr	....	18	.....	D,S	Sd	Kd	.....	
4aab	Wm. Spellerberg	88	3	Dr	....	15	.....	D	Sd	Qd	.....	
4baa	Herbert Stottenow	128	3	Dr	....	8	.....	D,S	Sd	Qd	1,500	
4ddc	Arlie Boll	67	4	Dr	....	8	.....	D,S	Gv	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
130-48 (Cont.)												
5bab	Anton L. Herding	85	2	Dr	....	7	.....	D	Sd	Qd	.....	
6ccc	Edward Hermes	100	2	Dr	....	7	.....	D,S	Sd	Qd	.....	
7ccc	Edward Kinn	52	2	Dr	....	7	.....	D,S	Sd	Qd	.....	
7ddd	Floyd Eichorn	120	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
8aab	Wilbur O'meara	48	4	Dr	....	2	.....	D,S	Gv	Qd	1,831	C
8ccc	Matthew King	149	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
9cbb	George Mahler	44	3	Dr	....	12	.....	D,S	Gv	Qd	.....	
10aaa	James Meyer	190	3	Dr	....	8	.....	D,S	Sd	Qd	.....	
10dca	Elsie Manock	165	2	Dr	....	....	.....	D	Sd	Qd	.....	
11bbb	Wm. J. Mahler	240	3	J	1943	12	.....	D,S	Sd	Kd	.....	
11cdc	Carl Mahler	240	3	Dr	1914	18	.....	D,S	Sd	Kd	.....	
12adal	Bessie D. Parkhill	240	2	Dr	....	29.8	6-29-51	S	..	Kd	.....	
12ada2	..do....	23.0	40	B	....	4.9	6-29-51	U	Gv	Qab	.....	
13aaa	A. Arnold	155.1	4	Dr	....	34.1	6-28-51	D,S	..	Qd	.....	
13cbd	Elroy G. Meyer	13.7	48	B	....	4.5	6-29-51	U	..	Qab	.....	
14add	Fred Kingdom	55	2	Dr	....	....	.....	S	..	Qd	.....	
14cab	Dennis Fischer	48	48	Du	....	20	.....	D,S	Sd,Gv	Qd	.....	
14cda	John A. Founder	238	3	Dr	1926	18	.....	D,S	Sd	Qd	.....	
15bba	Alfred Hubrig	40	2	Dr	....	5	.....	D,S	Sd,Gv	Qd	.....	
17bbc	Floyd Eichorn	90	2	Dr	....	20	.....	D,S	Sd	Qd	2,420	
17ccb	Ireland Lumber	...	3	Dr	....	17	.....	D,S	Sd,Gv	..	.....	
19adal	Mrs. Francis Mitchell	60	3	Dr	....	20	.....	D,S	Sd	Qd	.....	
19ada2	Test hole 3186	272	5	Dr	1964	....	.....	T	..	..	.....	L
19ccc	August Ziegelman	45	2	Dr	....	17	.....	D	Sd	Qd	.....	
22ada	Clarence Schmit	80	3	Dr	....	....	.....	D,S	Gv	Qd	.....	
23aad1	M. Schmit	50	2	Dr	....	20	.....	..	..	Qd	.....	
23aad2	..do....	160	2	Dr	....	40	.....	D	Sd	Qd	.....	
23bcc	Test hole F-478	230	5	Dr	1951	....	.....	T	..	..	.....	LF
23cdc	G. Schmit	200	3	Dr	....	21.0	6-26-51	D,S	..	Ka	.....	
23adc	E. Schmit	85	3	J	1951	8.7	6-26-51	D,S	Sd	Qd	.....	
24aad	J. E. Ohearn	165	..	Dr	....	....	.....	D,S	Sd	Qd	.....	
24cbb	Test hole F-477	257	5	Dr	1951	....	.....	T	..	..	.....	LF, CF

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>130-48</u> (Cont.)												
24adc	H. Nelson	146	5	Dr	1919	11	.....	D,S	Sd	Qd	.....	
25abb	M. Schmit	140	2	Dr	1910	25	.....	..	..	Qd	.....	
25cbb	Mrs. Lou Abbott	200	3	J	....	....	.....	..	..	Qd	.....	
26adb	W. J. Campbell	330	6	Dr	....	20	.....	D,S	Sd	Kd	.....	
26dab1	Art Speer	40	4	Dr	....	5.9	6-27-51	S	..	Qd	.....	
26dab2	..do....	90	..	Dr	....	....	.....	U	..	Qd	.....	
27ada	Carl Krause	90	3	Dr	....	8	.....	D,S	Gv	Qd	1,590	C
28bbb	Adolph Zentgraf	115	2	Dr	....	15	.....	D,S	Sd	Qd	1,400	
28acd	Melvin Muehler	68	2	Dr	....	6	.....	D,S	Gv	Qd	.....	
29ddd	Mrs. I. V. Hirsch	80	2	Dr	....	6	.....	D,S	Gv	Qd	.....	
30ada1	Francis Theede	63	2	Dr	....	22	.....	D,S	Sd	Qd	.....	
30ada2	..do....	143	..	Dr	....	Flow	10- 9-62	S	Sd	Qd	.....	
30bba	John Muehler	58	2	Dr	....	10	.....	D	Sd, Gv	Qd	.....	
31ccc	August Borchardt	111	2	Dr	....	16	.....	S	Sd	Qd	.....	
31dcd1	A. B. Buree	330	2	Dr	....	Flow	10- 9-62	D,S	Sd	Kd	6,060	C
31dcd2	..do....	85	2	Dr	....	50	.....	S	..	Qd	.....	
32bbb	Allen Trum	120	2	Dr	....	Flow	10- 9-62	D	Sd	Qd	.....	
33aaa	Adolph Bernard	33	2	Dr	....	Flow	10- 9-62	D,S	Gv	Qd	.....	
33ccb1	..do....	50	2	Dr	....	45	.....	D,S	Gv	Qd	.....	
33ccb2	..do....	175	2	Dr	....	Flow	10- 9-62	U	..	Qd	.....	
33daa	Richard Knapp	...	..	Dr	....	Flow	10- 9-62	U	..	..	915	
34bbb	Herman J. Weber	160	3	Dr	....	Flow	10- 9-62	D,S	Sd	Qd	977	
34daa	Fred Rosenkranz	90	4	Dr	....	20	.....	D,S	Gv	Qd	.....	
35bba	Sidney Johnson	70.0	6	Dr	....	16.2	6- 27-51	D,S	..	Qd	.....	
35baa	Henry Bassier	32	..	Dr	....	....	.....	S	Gv	Qd	.....	
<u>130-49</u>												
1bbb	Alvina Kinn	126	2	Dr	1946	3	.....	D,S	Gv	Qd	2,180	
1ddb	Ralph Bracken	...	2	Dr	....	10	.....	S	..	..	4,840	C
1ddd	R. E. Bracken	90	2	Dr	1947	4	.....	D,S	Gv	Qd	.....	
2bbb1	Mrs. Otto Stein	125	2	Dr	1935	8	.....	D,S	Sd	Qd	.....	
2bbb2	..do....	100	3	Dr	....	8	.....	D,S	Sd	Qd	.....	
3aaa	Arnold Burnard	125	2	Dr	1936	8	.....	D,S	Sd	Qd	.....	
3bab	Mary Boelke	105	3	Dr	....	7	.....	S	Sd	Qd	1,590	CH

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
130-49 (Cont.)												
3caa1	Louis Wirtz	84	3	Dr	1922	18	.....	D,S	Sd	Qd	.....	
3caa2	R. Hartleben	82	3	Dr	1923	17	.....	...	Sd	Qd	.....	
4bad	C. Zieglerman	19	3	Dv	....	5.0	9-17-53	S	Sd	Qab	.....	
6bbc	John Scheller	45	1 $\frac{1}{4}$	Dv	....	15	.....	D,S	Sd	Qab	.....	
8dcb	Henry Thomas	22	..	Du,Dv	....	....	.....	D,S	Sd	Qab	.....	CH
9abb	Ed Wieser	187	2	Dr	1951	12	.....	D,S	Sd	Qd	.....	CH
9dbc	Mary Gustman	13.5	36 x 36	Du	....	5.1	9-17-53	S	Sd	Qab	.....	
10ccd	Ernest Hubrig	11	42	Du	1952	7	.....	D,S	Sd	Qab	.....	
11acc	W. R. Miller	114	2 $\frac{1}{2}$	Dr	....	10	.....	D,S	Sd	Qd	.....	
12aa	Floyd Eichorn	60	2	Dr	1943	3	.....	D,S	Gv	Qd	.....	
14bba	Harry Gustman	156	2	Dr	1936	152	.....	D,S	Sd	Qd	.....	
14cab	Ernest Tischler	20	36	Du	1923	12	.....	D,S	Sd	Qab	.....	
14dbc	Robert Stein	120	2 $\frac{1}{2}$	Dr	1927	8	.....	D,S	Sd	Qd	.....	
15aac	Ernest Hubrig	20	48	Du	1940	10	.....	D,S	Sd	Qab	.....	
15bca	Rudy Gustman	16	36 x 36	Du	1938	6.8	9-17-53	D,S	Sd	Qab	.....	CH
17aaa	Test hole H-821	200	5	Dr	1953	....	.....	T	..	..	.....	LH
17cbb	Bill McGray	178	2	Dr	....	....	.....	..	..	Qd	.....	
17ccc	Test hole H-813	400	5	Dr	1953	....	.....	T	..	..	.....	LH
17ddd	Test hole H-814	190	5	Dr	1953	....	.....	T	..	..	.....	LH
19bbc	Frank Pietz	20	..	Dv	....	....	.....	..	..	Qab	.....	
19cca	Carl Milbrandt	15	..	Dv	....	....	.....	..	..	Qab	.....	
20aba	G. Medenwaldt	55	3	Dr	1951	15	.....	D,S	Sd	Qab	.....	CH
20abc	..do....	16	36	Du	....	8	.....	S	Sd	Qab	.....	
20add	..do....	125	2	Dr	1947	2	.....	D,S	Gv	Qd	.....	
20bcc	F. O. Healy	135	..	Dr	....	Flow	.....	..	..	Qd	.....	
20dcd	Nick Meyer	125	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
20ddd	Test hole H-822	200	5	Dr	1953	....	.....	T	..	..	.....	LH
21ccb	Fred Emde	125	2	Dr	....	4.1	9-24-53	S	Gv	Qd	.....	CH
21cdd	..do....	220	2	Dr	1945	60	.....	D,S	Sd	Qd	.....	
21dcd1	John Meyer	160	2	Dr	1941	11	.....	D,S	Sd	Qd	.....	
21dcd2	..do....	125	2	Dr	1947	11	.....	D,S	Sd	Qd	.....	
22aaa	Test hole H-815	280	5	Dr	1953	....	.....	T	..	..	.....	LH
23ddc	Elmer Smith	135	2	Dr	1952	30	.....	D,S	Sd	Qd	.....	
24cdc	William Wieser	140	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
25aaa	Alois Wieser	180	2 $\frac{1}{2}$	Dr	1951	12	.....	D,S	Sd	Qd	1,600	



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
130-49 (Cont.)												
26cda	Harry Wirtz	180	2	Dr	1932	70	.....	D,S	Sd	Qd	.....	
27bbb	Ed Herman	75	3	Dr	....	11	.....	D,S	Sd	Qab	.....	
28baa	Anne Kinn	165	2	Dr	1945	20	.....	D,S	Sd	Qd	.....	
29bcc	Ed Kuehl	40	..	Dv	....	....	.....	..	..	Qab	.....	
29dcd	..do....	150	3	Dr	1950	....	.....	D,S	Sd	Qd	.....	
30add	Pete Krump	25	..	Dv	....	....	.....	..	..	Qab	418	
34abb	Max Schmidt	122	2	Dr	1910	11	.....	D,S	Sd	Qd	.....	
130-50												
1aaa	Ray Bladow	18	2	Dv	....	5	.....	D	Sd	Qab	.....	
1bba	T. Steinwehr	20	2	Dv	....	....	.....	D	Sd	Qab	.....	
2bab	John Pankow	20	2	Dv	1952	8	.....	D,S	Sd	Qab	.....	CH
2bbc	City of Hankinson	60	16	Dr	1954	4.5	10-28-54	P	Sd	Qab	.....	CH
2caa	August Pankow	15	1 $\frac{1}{2}$	Dv	....	9	.....	S	Sd	Qab	.....	CH
2ccal	Test hole H-803	70	5	Dr	1953	....	.....	T	..	..	.....	LH
2cca2	Soo Line Railroad	42	108	Du	....	10	.....	RR	Sd	Qab	.....	CH
3aab1	City of Hankinson	68	10	Dr	1960	10	.....	P	Sd	Qab	536	C
3aab2	..do....	2	2	Dr	1960	11.2	7-24-63	O	Sd	Qab	.....	
3aac1	L. Prochnow	52	2	Dv	1953	11.3	9-24-53	D	..	Qab	.....	
3aac2	..do....	54	2	Dv	1933	....	.....	D	Sd	Qab	.....	
3cba1	T. Prochnow	22	1 $\frac{1}{4}$	Dv	1952	6.7	9-24-53	S	Sd	Qab	.....	
3cba2	..do....	48	1 $\frac{1}{4}$	Dv	1952	....	.....	..	..	Qab	.....	CH
3cbb	Test hole H-818	80	5	Dr	1953	....	.....	T	..	..	.....	LH
4acd	Sheyenne Valley Land Grazing Association	25	1 $\frac{1}{4}$	Dv	....	5	.....	S	..	Qab	381	CH
5ada	..do....	20	2	Dv	....	5	.....	S	Sd	Qab	.....	CH
6acd	W. F. Vedder	20	1 $\frac{1}{4}$	Dv	1918	7	.....	D	Sd	Qab	.....	
8ada	Edwin Staack	100	2	Dr	....	....	.....	D,S	..	Qab	.....	CH
8bab	Mrs. L. Vedder	35	..	Dv	....	15	.....	S	Sd	Qab	.....	CH
9ada	August Mueller	40	..	Dv	....	8	.....	..	..	Qab	901	
9bbc	Emma Hartleben	20	2	Dv	....	8.9	9-25-53	D,S	..	Qab	.....	
9da	C. Klawitter	143	..	Dr	....	....	.....	..	..	Qd	.....	
11bab	Test hole H-806	400	5	Dr	1953	....	.....	..	..	..	.....	
11cac	Kenneth Jones	45	2	Dr	....	....	.....	T	..	..	.....	LH
11dbd	Test hole H-807	110	5	Dr	1953	6.0	10-24-53	D,S	Sd	Qab	.....	CH
11ddc	Test hole H-808	110	5	Dr	1953	5.6	10-25-53	T	..	..	.....	LH
13bdd	Test hole H-819	100	5	Dr	1953	....	.....	T	..	..	.....	LH, CH

22

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
130-50 (Cont.)												
13dce	Test hole H-812	250	5	Dr	1953	.....	.....	T	..	...	.....	LH
14ada	Test hole H-809	190	5	Dr	1953	.....	.....	T	..	...	.....	LH
14add	City of Hankinson	161	10	Dr	1947	.....	.....	U	Gv	Qd	1,400	CH
14cac	A. Medenwaldt	73	..	Dr	....	.....	.....	..	..	Qab	.....	
14dad	Test hole H-810	100	5	Dr	1953	7.32	11-2-53	T	..	...	.....	LH
14ddc	Art Graive	136	..	Dr	....	.....	.....	..	..	Qd	.....	
14ddd	Test hole H-811	180	5	Dr	1953	.....	.....	T	..	...	.....	LH, CH
15bba	Hankinson Nursery	60	..	Dv	....	.....	.....	..	..	Qab	.....	
15dac	Albert Buckhause	171	2	Dr	....	.....	.....	D,S	Gv	Qd	.....	
16aba	Art Hartleben	74	..	Dv	....	.....	.....	..	..	Qab	.....	
16acb	Soo Line Railroad	78	10	Dr	1908	.....	.....	RR	Sd,Gv	Qab	.....	
17ddd	Test hole 3177	197	5	Dr	1964	5.7	11-11-64	T,O	Sd	Qd	1,250	L, C, Obs. well 60 ft.
18cda	A. Medenwaldt	55	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
18ddc	Oscar Prachnow	...	2	Dr	....	12	.....	D,S	..	...	.....	CH
19baa	Gustave Muehler	105	2	Dr	....	10	.....	D,S	Gv	Qd	.....	CH
19cdc	Rudolph Miller	38	2	Dr	....	.....	.....	..	..	Qd	.....	
19dcc	William Westphal	47	2	Dr	....	.....	.....	D,S	..	Qd	.....	
21dab	Elroy Muehler	21	3	Dr	....	8	.....	D,S	..	Qm	.....	
21dda	F. E. Coppin	40	36 x 36	Du	....	27.4	9-18-53	D,S	Gv	Qm	.....	CH
22ddd	H. O. Medenwaldt	86	2	Dr	1945	.....	.....	D,S	Sd	Qd	.....	CH
23aaa	Witts Standard Service	30	..	..	....	4	.....	..	..	Qab	.....	
23abc	G. Buckhause	60	..	Dr	....	.....	.....	..	..	Qab	.....	
24aaa	Alfred Miller	45	..	Dv	....	10	.....	..	..	Qab	.....	
24acc	Test hole H-820	60	5	Dr	1953	.....	.....	T	..	...	.....	LH, CH
24baa	Harry Nulph	30	..	Dv	....	8	.....	..	..	Qab	.....	
24bbb	John R. Scheller	27	..	..	....	8	.....	..	..	Qab	.....	CH
25aab	Otto Buckhause	27	..	Dv	....	.....	.....	..	..	Qab	.....	
26bcd	R. C. Bladow	66	2	Dr	....	Flow	9-23-53	D	..	Qd	1,070	CH
26ccd	Hillview Farms, Inc.	48	..	Dr	....	.....	.....	D,S	..	Qm	.....	CH
27bbb1	..do....	160	2	Dr	....	.....	.....	D,S	..	Qm	.....	CH
27bbb2	Test hole 3178	137	5	Dr	1964	40.9	11-11-64	T,O	Sd,Gv	Qd	1,030	L, C, Obs. well 100 ft.
27dcd	Hillview Farms, Inc.	80	3	Dr	....	.....	.....	D,S	..	Qd	.....	
28ccc	Test hole 3179	92	5	Dr	1964	.....	.....	T,O	Sd,Gv	Qd	.....	L, Obs. well 80 ft.
29bcd	Henry Milbrandt	30	..	Du	....	.....	.....	D,S	..	Qd	.....	
34aa	C. F. Buckhause	15	30	B	....	8.2	9-23-53	..	..	Qm	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>130-50 (Cont.)</u>												
34dba	Emil Wallman	18	..	Du	....	10	.....	D,S	..	Qd	.....	
36abb	Fred Buckhause	130	2½	Dr	....	20	.....	D,S	..	Qd	.....	CH
<u>130-51</u>												
1bbb	Fred Lugert	19	1½	Dr	....	6	.....	D,S	Sd	Qm	.....	
2daa	Donald Lugert	30	2	Dr	....	10	.....	D,S	Sd	Qm	.....	
4aba	Frank Hejtmanek	21	2	Dr	....	10	.....	D,S	Sd	Qm	.....	
4ccb	Orville Johnson	30	2	Dr	....	10	.....	D,S	Sd	Qm	.....	
5bad	Raymond Honl	105	2	Dr	....	35	.....	D,S	Sd	Qd	.....	
6bca	John Velocity	65	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
6ccc	Adolf Hinrichs	650	2	Dr	....	Flow	12- 5-62	D,S	Ss	Kd	4,330	
6dab	A. E. Honl	80	2	Dr	....	35	.....	D,S	Sd	Qd	.....	
7bbb	Ben Jerezsek	38	2	Dr	1928	.....	.....	D,S	Sd	Qm	.....	
8bbb1	James Hruza	58	2	Dr	....	30	.....	D,S	Sd	Qm	.....	
8bbb2	..do....	32	36	Du	....	15	.....	S	Sd	Qm	.....	
9aac	George Novotny	80	2	Dr	.....	.....	.....	D,S	Sd	Qd	.....	
9cbb	Mark Scheuring	90	2	Dr	....	45	.....	D,S	Sd	Qd	1,350	
10aaa	Charles Hrdlick	75	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
12baa	Test hole 3168	197	5	Dr	1964	.....	.....	T	..	..	.....	L
13cbd	Wm. G. Duba	100	2	Dr	....	60	.....	D,S	Sd	Qd	2,480	
13ccc	Test hole 3175	632	5	Dr	1964	.....	.....	T	..	..	.....	L
14bbd	John Hruza	108	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
15add1	Adolph Theilmann	65	18	B	....	24	.....	S	Sd	Qd	.....	
15add2	..do....	200	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
16bdd	Marvin David	140	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
16ccc	Test hole 3176	212	5	Dr	1964	.....	.....	T	..	..	.....	L
17cca	George Mumm	900	2	Dr	....	Flow	12- 5-62	D,S	Ss	Kd	4,700	
18bcc	Harold Witt	67	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
19aaa	Roger Theilman	150	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
20ddb	Arthur Kuehn	603	2	Dr	....	Flow	12- 6-62	D,S	Ss	Kd	5,050	
22bcb	Joseph Stroekl	130	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
23aaa	Walter Klawitter	160	2	Dr	....	.....	.....	D,S	Sd	Qd	1,660	
23bcc	Walter Roeder	130	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
24bbc	Robert Roeder	165	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
25cdb	Gerhard Tritten	74	2	Dr	....	.....	.....	D,S	Sd	Qd	1,190	C
26bac	George Gully	145	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
26dad	Frank Gully	72	2	Dr	1940	15	.....	D,S	Sd	Qd	.....	

24

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>130-51 (Cont.)</u>												
27bba	Hariss Strege	75	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
27cba	Lawrence Stroeld	40	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
29bbd	Raymond Clark	80	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
31aca	Ellsworth Strege	400	2	Dr	....	Flow	12- 6-62	S	Sd	Kd	5,470	
31ddc	Paul Retterath	90	2	Dr	....	45	.....	D,S	Sd	Qd	.....	
32bbc	Roy Clark	200	1 $\frac{1}{2}$	Dr	....	....	.....	D,S	Sd	Qd	.....	
34dda	Mrs. Fred Lueck	147	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
35abb	Frank Zeitlow	104	2	Dr	....	20	.....	D,S	Sd	Qd	1,210	
35bbc	John Skroch	78	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
36ccb	Otto Mendenwaldt	60	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
<u>130-52</u>												
1ddd	Bernard Hindrichs	60	2	Dr	....	40	.....	D,S	Sd	Qm	.....	
2aaa	Edward Bisek	55	24	B	....	40	.....	D,S	Sd	Qm	.....	
3dda	Leroy Marohl	30	2	Dr	....	15	.....	D,S	Sd	Qm	.....	
3ddd1	Mathias Arth	63	2	Dr	....	45	.....	D,S	Sd	Qm	.....	
3ddd2	..do....	45	30	Du	....	40	.....	S	Sd	Qm	.....	
4ccb	Conrad Vaplon	80	2	Dr	....	60	.....	D,S	Sd,Gv	Qm	1,530	
5bdal	Lawrence Fischer	64	2	Dr	....	40	.....	D	Sd	Qm	.....	
5bda2	..do....	640	2	Dr	....	Flow	12- 7-62	S	Ss	Kd	4,250	
7bcc	Mike Sic	92	2	Dr	....	75	.....	D,S	Sd	Qd	.....	
7ccc	John Ciesynski	117	2	Dr	....	90	.....	D,S	Sd	Qd	.....	
8daa	Henry Brecker	80	2	Dr	....	50	.....	D,S	Sd	Qm	.....	
9aba	Lawrence Vaplon	45	2	Dr	....	30	.....	D,S	Sd	Qm	.....	
9baa	Richard Wettsten	65	2	Dr	....	50	.....	D,S	Sd	Qm	.....	
10ada	Lawrence Harles	35	2	Dr	....	20	.....	D,S	Sd	Qm	.....	
10baa	Frank Garad	50	2	Dr	....	30	.....	D,S	Sd,Gv	Qm	.....	
10cca	Andrew Gaulker	60	2	Dr	....	40	.....	D,S	Sd	Qm	1,240	C
10ddd	Frank Bedner	60	3	Dr	....	40	.....	D,S	Sd	Qm	.....	
12bbc	Test hole 3171	197	5	Dr	1964	8.5	11-11-64	T,O	Sd	Qm	750	L, C, Obs. well 40 ft.
12cdd	George Martinson	25	24	B	....	15	.....	D,S	Sd	Qm	.....	
12dec	Lester Lyons	34	2	Dr	....	8	.....	D	Sd	Qm	.....	
13bac	City of Lidgerwood	65	6	Dr	1960	10	.....	P	Gv	Qm	.....	
13bcb	..do....	65	6	Dr	1960	10	.....	P	Gv	Qm	1,660	C
13ccc1	Edward Koucky	630	2	Dr	....	Flow	12-17-62	D,S	Ss	Kd	4,580	
13ccc2	Test hole 3172	182	5	Dr	1964	....	.....	T	..	..	.....	L
14bad	James Fuka	72	2	Dr	....	50	.....	D,S	Sd	Qm	.....	
14daa	Joe F. Fuka	104	2	Dr	....	75	.....	D,S	Sd	Qd	.....	

25

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
130-52 (Cont.)												
15aab	Charles Bartonek	70	2	Dr	....	55	.....	D,S	Sd	Qd	.....	
15baa	Nick Matuska	86	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
16cdc	Mrs. Lizzie Jost	140	2	Dr	....	120	.....	D,S	Sd	Qd	.....	
17bbb1	Donald Lyons	85	2	Dr	....	65	.....	D,S	Sd	Qd	1,820	
17bbb2	..do....	...	2	Dr	....	Flow	12-17-62	S	Ss	Kd	4,280	
20bbb	Test hole 3174	785	5	Dr	1964	....	.....	T	..	..	.....	L
21ccc	Adolf Aadland	75	2	Dr	....	50	.....	D,S	Sd	Qd	.....	
21daa	Leo J. Theilman	80	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
22ccc	Emil Macheel	100	2	Dr	....	80	.....	D,S	Sd	Qd	1,980	
24adal	Charles Busta	67	2	Dr	1955	....	.....	D	Sd	Qd	.....	
24ada2	..do....	630	2	Dr	....	Flow	12-17-62	S	Ss	Kd	.....	
24cdd	Willard Strege	150	2	Dr	....	120	.....	D,S	Sd	Qd	.....	
24dda	Wm. Mumm	90	2	Dr	....	70	.....	D,S	Sd	Qd	.....	
26aac	Leonard Wittenberger	160	2	Dr	....	140	.....	D,S	Sd, Gv	Qd	.....	
26dcc	Harold Schiltz	80	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
27ccd	Louis Foster	160	2	Dr	....	140	.....	D,S	Sd	Qd	1,320	
28aad	Victor Macheel	100	2	Dr	....	80	.....	D,S	Sd	Qd	.....	
28bcb	Mrs. Wm. Radloff	145	2	Dr	....	125	.....	D,S	Sd	Qd	.....	
29bbb1	Paul Wahlwend	140	3	Dr	....	80	.....	D,S	Sd	Qd	.....	
29bbb2	..do....	...	2	Dr	....	Flow	12-18-62	D,S	Sd	..	.....	
29daa	Mrs. Lily Machilek	640	1 $\frac{1}{2}$	Dr	....	Flow	12-18-62	D,S	Ss	Kd	4,230	C
30cdc	Charles Kittelson	85	2	Dr	....	65	.....	D,S	Sd	Qd	.....	
31bab	Mary Hoefs	400	2	Dr	....	Flow	12-18-62	D,S	Ss	Kd	.....	
31ccc	Louis Wahlwend	...	3	Dr	....	Flow	12-18-62	D,S	Ss	Kd	.....	
31dad	Matt Biewer	80	2	Dr	....	60	.....	D,S	Sd	Qd	.....	
33dda	Arthur Wolter	120	2	Dr	....	100	.....	D,S	Sd	Qd	1,080	
34aba	Carl Walter	140	2	Dr	....	120	.....	D,S	Sd	Qd	1,330	
34bab	Art Weber	130	2	Dr	....	110	.....	D,S	Sd	Qd	.....	
34cdc	Monica John	140	2	Dr	....	120	.....	D,S	Sd	Qd	.....	
35aaa	Test hole 3173	257	5	Dr	1964	....	.....	T	..	..	.....	L
35dba	Art Hoefs	145	2	Dr	....	65	.....	D,S	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>131-47</u>												
4bab	Raymond Wieser	...	2	Dr	....	2	.....	D,S	..	Qd	.....	
4ccd	Norman Kubela	260	2	Dr	....	7	.....	D,S	..	Kd	2,280	
6baa	Hubert VanCleave	76	3	Dr	1961	....	.....	D	..	Qd	.....	
6bab	Gearld VanCleave	76	3	Dr	1959	....	.....	D,S	..	Qd	1,010	
7dad	Mrs. A. Schoeneck	256	3	Dr	1958	6	.....	D,S	Sd	Kd	2,880	C
8bac	Neil Jones	260	2	Dr	....	19	.....	D,S	Sd	Kd	.....	
8abd	D. Holthusen	268	4	Dr	1944	10	.....	D,S	Sd	Kd	.....	
9ddc	Gilbert Wettstein	254	2	Dr	1952	8	.....	D,S	Sd,Gv	Qd	1,420	
17dcd	Donald Miller	239	2	Dr	1955	5	.....	D,S	Sd	Qd	.....	
18bad	Donald Pausch	190	2	Dr	1956	20	.....	D	Sd	Qd	.....	
18ddc	Clayton Hasty	248	3	Dr	....	10	.....	D,S	Sd	Qd	.....	
19baa	Dave Miller	253	2	Dr	....	15	.....	D	Sd	Qd	.....	
20aca	Orren Miller	118	2	Dr	....	8	.....	D	Sd	Qd	1,540	
20daa	Anna Matejcek	272	2	Dr	1958	5	.....	D,S	Sd	Qd	1,610	
21aca	Frank Matthys	260	2	Dr	1956	8	.....	D,S	Sd	Qd	.....	
29ddd	A. E. Nelson	276	3	Dr	1924	12	.....	D	Sd	Kd	3,350	
30aab	John Neubauer	260	3	Dr	....	7	.....	D,S	Sd	Kd	.....	
30baa	Merlyn Miller	265	2	Dr	....	8	.....	D,S	Sd	Kd	2,830	
27												
<u>131-48</u>												
2bbb	H. Greenheck	186	5	Dr	....	15	.....	D,S	Sd	Qd	.....	
2cbc	Mary Pauly	160	4	Dr	....	20	.....	D,S	Sd	Qd	1,270	
3dad	Orville Popp	165	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
4add	Lowell Bohn	62	3	Dr	1961	18	.....	D,S	Sd	Qd	.....	
4bbc	R. H. Bohn	40	2	Dr	....	18	.....	D,S	Sd	Qd	.....	
6cdc	Elroy Mohs	148	2	Dr	....	7	.....	D,S	Sd	Qd	.....	
6ddc	E. Koppleman	105	2	Dr	1920	8	.....	D,S	Sd	Qd	1,420	
7cbb	Carl Grob	62	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
8abb	G. Koppleman	130	2	Dr	....	12	.....	D,S	Sd	Qd	1,570	
8bbd	E. A. Hingst	124	2	Dr	....	9	.....	D,S	Sd	Qd	.....	
8cac	A. C. Krueger	125	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
9cbb	Earl Stoltenow	42	2	Dr	....	5	.....	D,S	Sd	Qd	.....	
10aaa	Mrs. Anna Krump	286	2	Dr	....	13	.....	D,S	Sd	Qd	1,770	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
131-48 (Cont.)												
10ccd	Willhelm Mueller	265	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
10ddc	Gordon Thimjohn	255	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
11aaa	H. Christenson	159	2	Dr	1961	10	.....	D,S	Sd	Qd	.....	
12bcc	John E. Buck	65	2	Dr	1956	8	.....	D,S	Gv	Qd	.....	
13ddd	Ivan Miller	250	2	Dr	....	8	.....	D	Sd	Qd	.....	
16aac1	Arlie Schultz	61	2	Dr	....	5	.....	D	Sd	Qd	2,680	
16aac2	..do....	64	2	Dr	....	5	.....	S	Gv	Qd	.....	
17dda	John Gast	65	2	Dr	....	12	.....	D,S	Sd	Qd	.....	
19baa	Clifford Johnson	190	2	Dr	1959	1	.....	D,S	Sd	Qd	.....	
19dcd	Francis Krump	58	3	Dr	....	8	.....	D,S	Sd, Gv	Qd	.....	
20bad	Ervin Holthuisen	202	2	Dr	....	1	.....	D,S	Sd	Qd	.....	
21aca	Joseph Kuruc	90	4	Dr	....	15	.....	D,S	Sd	Qd	1,120	
21bcd	John Jung	97	2	Dr	....	17	.....	D,S	Sd	Qd	.....	
22ada	Floyd Hauschild	280	2	Dr	....	13	.....	D,S	Sd	Kd	2,130	
22baa	John Wiebusch	296	3	Dr	1962	18	.....	D,S	Sd	Kd	.....	
22cbc	Benjamin Loll	90	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
23bbb1	Nolan Osborn	300	2	Dr	1960	18	.....	D,S	Sd	Kd	.....	
23bbb2	Test hole 3159	182	5	Dr	1964	....	.....	T	..	..	.....	L
23cac1	Harry Koppelman	160	2	Dr	....	18	.....	D,S	Sd	Qd	.....	
23cac2	..do....	45	2	Dr	....	....	.....	S	Sd	Qd	.....	
23ddd	Darrel Miller	247	2	Dr	....	6	.....	D,S	Sd	Kd	.....	
24bcc	John Bohn	225	2	Dr	....	17	.....	D,S	Sd	Kd	2,620	
27dcc	Earl Hauschild	272	2	Dr	....	15	.....	D,S	Sd	Kd	6,420	
28aaa	Walter Wiebusch	290	3	Dr	....	8	.....	D,S	Sd	Kd	3,560	C
28cbb	Francis Gilles	75	2	Dr	....	12	.....	D,S	Sd	Qd	.....	
29baa	Oliver Schultz	175	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
30baa	B. Schmit	105	2	Dr	....	1	.....	D,S	Sd	Qd	.....	
30cca	Leonard Tischer	103	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
31aad	Mrs. Sabina Kinn	98	2	Dr	1961	6	.....	D,S	Sd	Qd	.....	
31bbb	Joseph Mohr	90	2	Dr	....	2	.....	D,S	Sd	Qd	1,520	
31daa	G. Zentgraf	90	2	Dr	....	5	.....	D,S	Sd	Qd	.....	
32ada	Francis Hermes	168	2	Dr	....	5	.....	D,S	Sd	Qd	.....	
32acd1	Michael Gillis	95	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
32acd2	..do....	72.0	2	Dr	....	6.0	10- 4-62	U	Sd	Qd	.....	
34daa	Art Damon	147	2	Dr	1959	10	.....	D,S	Sd	Qd	.....	CH

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>131-49</u>												
1dca	Alton Berndt	...	2	Dr	....	Flow	9- 20-62	D,S	Sd	Qd	.....	
2aaa	Reuben Berndt	85	2	Dr	1957	5	.....	D,S	Sd	Qd	1,860	
2dcc	Gilbert Stoltenow	60	2	Dr	....	2	.....	D,S	Gv	Qd	.....	
3aad	James Griepentrog	230	2	Dr	1960	Flow	9- 20-62	D,S	Sd	Qd	.....	
3cdd1	Ewald Gehler	87	2	Dr	1960	10	.....	D,S	Sd	Qd	.....	
3cdd2	..do....	72	2	Dr	1960	10	.....	D,S	Sd	Qd	.....	
3cd	Paul Krueger	140	2	Dr	....	4	.....	D,S	Sd	Qd	.....	
4aab	Bohn Bros.	168	2	Dr	1962	20	.....	D,S	Sd	Qd	.....	
4ddd	Luther Baumann	140	2	Dr	....	12	.....	D,S	Sd	Qd	.....	
5ada	Monroe Sedler	130	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
5bbb	Virgil Pausch	126	2	Dr	1959	Flow	9- 20-62	D,S	Sd	Qd	2,620	C
6aba	Herbert Hoeff	138	2	Dr	1958	....	.....	D,S	Sd	Qd	.....	
6baa	Rheinhold Laboda	136	2	Dr	....	Flow	9- 20-62	D,S	Sd	Qd	2,500	
6cdc	Melvin Wefel	122	2	Dr	....	2	.....	D,S	Sd	Qd	.....	
7dcc	Walter Thiele	119	2	Dr	1961	0	9- 21-62	D,S	Sd	Qd	.....	
8bbc	Robert Sedler	135	2	Dr	....	2	.....	D,S	Sd	Qd	.....	
8cac1	Harold Fenske	94	2	Dr	1955	1	.....	D,S	Sd	Qd	.....	
8cac2	..do....	65	2	Dr	....	Flow	9- 21-62	S	..	Qd	.....	
8daa	Erich Fenske	118	2	Dr	....	Flow	9- 21-62	D,S	Sd	Qd	2,850	
9abb	Harry Bohn	135	2	Dr	....	Flow	9- 20-62	D,S	Sd	Qd	.....	
9cbb	Ewald Bohn	143	2	Dr	1908	7	.....	D,S	Sd	Qd	.....	
10dca	Marvin Hoeff	232	2	Dr	....	4	.....	D,S	Sd	Qd	2,000	
12dad	R. R. Mitzel	50	2	Dr	....	0	9- 20-62	D,S	Sd	Qd	.....	
13bbd	H. E. Thiele	160	2	Dr	1957	10	.....	D,S	Sd	Qd	.....	
13ccc	Allen Milbrandt	120	2	Dr	....	9	.....	D,S	Sd	Qd	1,870	
14add	Ernst Stoltenow	95	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
14bdd	Dennis Boelke	86	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
15ddc	Manville Stoltenow	140	2	Dr	1949	5	.....	D,S	Sd	Qd	.....	
18cca	Ralph Bladow	120	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
19aba	O. L. Warner	145	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
19bad	Robert Bladow	110	2	Dr	....	12	.....	D,S	Sd	Qd	1,480	
19bbb	George Prochnow	118	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
21cca	Melvin Bohn	127	2	Dr	....	10	.....	D,S	Sd	Qd	2,240	



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>131-49 (Cont.)</u>												
21dad	John Lingcn	140	2	Dr	....	3	.....	D,S	Sd	Qd	.....	
22cdb	Paul Bohn	150	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
22dab	Melvin Fenske	114	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
23aab	Robert Laboda	130	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
24abb	Theodore Sedler	80	2	Dr	1959	4	.....	D	Sd	Qd	.....	
25cab	Richard Bohn	100	2	Dr	....	2	.....	D,S	Sd	Qd	.....	
26dab	Miss E. Ponsth	120	2	Dr	....	10	.....	D,S	Sd	Qd	1,320	
28bab	Allen Popp	124	2	Dr	....	4	.....	D,S	Sd	Qd	.....	
28acd	Rudolph Hoefs	65	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
29acb	Robert Witt	80	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
29cdd	Rheinhold Prochnow	125	2	Dr	....	14	.....	D,S	Sd	Qd	2,140	
29dcc	Herman Prochnow	90	3	Dr	....	20	.....	D,S	Sd	Qd	.....	
30acc	Mrs. Jessie Muehler	165	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
31bac	R. C. Bladow	24	1 $\frac{1}{2}$	Dv	....	10	.....	D	Sd	Qd	.....	
31cca	..do....	20	1 $\frac{1}{2}$	Dv	....	9	.....	D,S	Sd	Qd	.....	
33dda	Walter Pasberg	60	3	Dr	....	10	.....	D,S	Sd	Qd	.....	
34aba	Rueben Bladow	120	2	Dr	....	3	.....	D,S	Sd	Qd	1,790	C
35aaa	Elroy Stein	135	3	Dr	....	5	.....	D,S	Sd	Qd	.....	
35bbc1	Mary Boelke	96	3	Dr	....	Flow	9-17-53	S	Gv	Qd	.....	
35bbc2	..do....	105	..	Dr	....	.....	.....	D	Gv	Qd	.....	
35dac1	Mrs. Grace Rossow	98	2	Dr	1916	3	.....	D,S	Sd	Qd	.....	
35dac2	..do....	98	2	Dr	1951	9	.....	D	Gv	Qd	.....	
36bab	Richard Bohn	100	2	Dr	1960	1	.....	S	Sd	Qd	.....	
36dda	A. Stoltenow	68	2	Dr	1947	10	.....	D,S	Sd	Qd	.....	
<u>131-50</u>												
1ccc	Arthur Paulson	174	2	Dr	1956	3	.....	D,S	Sd	Qd	1,610	
2add	Pete Lambertz	318	2	Dr	....	8	.....	U	Sd	Kd	.....	
2bab	Mrs. Julia Reinke	124	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
3aaa	Alfonse Puetz	160	2	Dr	1930	20	.....	D,S	Sd	Qd	.....	
3baa	Arnold Foertsch	136	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
4aad	Lawrence Mauch	179	2	Dr	1959	23	.....	D,S	Sd	Qd	.....	

06

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
131-50 (Cont.)												
4dcd	Sylvester Althoff	125	3	Dr	....	27	.....	D,S	Sd	Qd	.....	
5add	Victor Zajac	185	2	Dr	....	80	.....	D,S	Sd	Qd	.....	
5bbc1	Edmund Reiland	144	2	Dr	....	15	.....	D,S	Sd	Qd	1,290	
5bbc2	..do....	.30	2	Dr	....	15	.....	S	Sd	Qd	1,270	
6ccc	John Lingen	120	2	Dr	1962	12	.....	D,S	Sd	Qd	.....	
6dda	Herbert Goerger	135	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
7add	Frank Fettes	158	2	Dr	....	16	.....	D,S	Sd	Qd	.....	
8aac	Edmund Schultz	140	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
8bbc	Herman Reiland	111	2	Dr	1956	20	.....	D,S	Sd	Qd	.....	
8dcc	John Pellman	118	2	Dr	1942	10	.....	D,S	Sd	Qd	.....	
9ccc	Jentz Bros.	130	2	Dr	....	7	.....	S	Sd	Qd	.....	
9dcd	Thomas Haus	151	2	Dr	....	12	.....	D,S	Sd	Qd	1,380	
11caa	Soehner Bros.	290	2	Dr	....	8	.....	D,S	Sd	Qd	2,000	
12ddc	Edward Mauch	...	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
14aca	Paul Krump	157	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
15bba1	George Hermesen	129	2	Dr	1916	Flow	9-18-62	D,S	Sd	Qd	.....	
15bba2	..do....	114	2 $\frac{1}{2}$	J	1963	Flow	11- 1-63	D,S	Sd	Qd	.....	
16dad	William Althoff	150	2	Dr	....	Flow	9-19-62	D,S	Sd	Qd	1,640	
17ada	James Novotny	130	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
17b	Arnold Jentz	137	2	J	1963	14	.....	D	Sd	Qd	.....	
17bdd1	Alois Lingen	105	2	Dr	....	Flow	9-19-62	D,S	Sd	Qd	.....	
17bdd2	..do....	105	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
18ada	Elmer Woiwode	119	2	Dr	....	20	.....	D,S	Sd, Gv	Qd	1,400	
19add	Mike Lugert	60	2	Dr	....	25	.....	D,S	Sd	Qab	.....	
20abcl	Harry Hohenstern	80	2	Dr	....	15	.....	D,S	Sd	Qab	.....	
20abc2	..do....	45	2	Dr	....	3	.....	D,S	Sd	Qab	.....	
20dac	Bertha Hohenstern	50	2	Dr	1957	9	.....	D,S	Sd	Qab	.....	
21bac	Herman Weber	86	2	Dr	....	6	.....	D,S	Sd	Qab	.....	
21cdb	Mrs. Amelia Weber	19	1 $\frac{1}{4}$	Dv	....	5	.....	D,S	Sd	Qab	.....	
21dac	Otto Klawitter	75	2	Dr	....	8	.....	D,S	Sd	Qab	515	C
22cac	Alvin Gadcke	138	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
22ded	Edwin Gadcke	122	2	Dr	....	9	.....	D,S	Sd	Qd	2,190	
22ddd	Henry Krause	182	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
23add	Walfred Krump	218	3	Dr	....	10	.....	D,S	Sd	Qd	1,100	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>131-50</u> (Cont.)												
23daa	Mrs. Mary Krump	127	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
24cbc	G. W. Tiegs	120	3	Dr	....	17	.....	D,S	Sd	Qd	.....	
25acd	Milton Bladow	156	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
25baa	Edward Bladow	140	2	Dr	....	11	.....	D,S	Sd	Qd	.....	
26abd	Alvin Schubert	200	2	Dr	....	9	.....	D,S	Sd	Qd	.....	
26bab	Charles Pellman	172	2	Dr	....	16	.....	D,S	Sd	Qd	.....	
26cdc	Herman Pankow	105	2	Dr	....	18	.....	D,S	Sd	Qd	.....	
27bda	Armand Tiegs	18	2	Dv	....	12	.....	D,S	Sd	Qab	520	
28baa	Robert Lugert	12	36	Du	....	8	.....	D,S	Sd	Qab	.....	
30baa	Gust Simdorn	50	2	Dr	....	20	.....	D,S	Sd	Qab	.....	
31bbb	Test hole 3167	227	5	Dr	1964	....	.....	T	..	...	.....	L
31bbc	Alfred Witt	28	1 $\frac{1}{4}$	Dv	1949	....	.....	D,S	Sd	Qab	.....	CH
31daa	..do....	25	1 $\frac{1}{4}$	Dv	....	6.5	10- 6-53	S	Sd	Qab	.....	
34ddd	Test hole H-817	110	5	Dr	1953	....	.....	T	..	Qab	.....	LH, CH
35bab	E. Medenwaldt	32	1 $\frac{1}{4}$	Dv	....	.....	.....	D	Sd	Qab	.....	
35ccb	..do....	...	..	Sp	....	Flow	.....	S	..	Qab	.....	Est. flow 75 gpm.
35dca	August Pankow	20	2	Dv	....	7	.....	D	Sd	Qab	.....	CH
36ccb	Test hole H-816	60	5	Dr	1953	....	.....	T	..	...	.....	LH
<u>131-51</u>												
2ada	Alois Lingen	130	2	Dr	1955	7	.....	D,S	Sd	Qd	1,180	
2bcc	Edwin Staroba	137	3	Dr	1942	20	.....	D,S	Sd	Qd	.....	
3cca	Walter Polda	40	2	Dr	1962	13	.....	D,S	Sd	Qd	.....	
3daa	Vincent Wasvick	80	2	Dr	1961	12	.....	D,S	Sd	Qd	.....	
5abc	Eugene Novotny	32	3	Dr	1948	....	.....	D,S	Sd	Qd	.....	
6baa	Louis Novotny	37	2	Dr	1952	16	.....	D	Sd	Qab	.....	
6daa	Joe Kuzel	25	2	Dr	....	....	.....	D	Sd	Qab	.....	
7adb	Raymond Novotny	34	2	Dr	1958	20	.....	D	Sd	Qd	.....	
7dbd	Ben Novotny	35	2	Dr	1948	9	.....	D	Sd	Qd	988	
8bbc	Joe Kuzel	28	2	Dr	1954	....	.....	D	Sd	Qd	.....	
8ddb	Stella Novotny	45	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
9aaa	Joe Hruza	30	36	Du	....	24	.....	D,S	Sd	Qab	.....	
9ccd	James J. Pokorny	45	2	Dr	1960	....	.....	D	Sd	Qab	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>131-51</u> (Cont.)												
9ddc	Louis Korinta	46	3	Dr	....	35	.....	D,S	Sd	Qab	.....	
10bcd	Bill Kuchera	145	2	Dr	1936	....	.....	D,S	Sd	Qd	.....	
10ccb	Emma Kabella	50	2	Dr	1935	....	.....	S	Sd	Qab	.....	
10dda	Joe Heley	30	2	Dr	....	15	.....	D	Sd	Qab	1,640	
11dcc	Mrs. Robert Gutzmer	40	2	Dr	....	15	.....	D	Sd	Qab	.....	
12daa	Laverne Gutzmer	140	3	Dr	1947	20	.....	D,S	Sd	Qd	.....	
13aab	Test hole 3169	358	5	Dr	1964	....	.....	T	..	..	.....	L
13bbd	Jerome Gully	128	2	Dr	1953	16	.....	D	Sd	Qd	.....	
13bbb	Edward Gully	140	2	Dr	1925	12	.....	D,S	Sd	Qd	687	
14abc	John Hruby	45	2	Dr	1952	....	.....	D	Sd	Qab	.....	
14bbc	Ed Polda	48	2	Dr	1959	15	.....	D	Sd	Qab	.....	
14ccc	Emma Kabella	60	2	Dr	....	18	.....	S	Sd	Qd	.....	
15bcc	Mrs. Stanley Staroba	23.0	20	B	....	11.9	9-12-62	O	Sd	Qd	.....	See table 2.
15ccb	Leonard Jelinek	45	2	Dr	....	10	.....	D,S	Sd	Qd	1,510	C
16acd	John Harvilla	45	2	Dr	1959	10	.....	D	Sd	Qd	.....	
16bcc	James Prashek	30	3	Dr	1952	15	.....	D	Sd	Qd	.....	
16ddb	Edward Novotny	40	2	Dr	1957	....	.....	D	Sd	Qd	.....	
17bdd	Art Kuzel	50	2 $\frac{1}{2}$	Dr	1951	18	.....	D	Sd	Qd	.....	
17cdd	Anna Dolezal	40	36	Du	1930	....	.....	D,S	Sd	Qd	.....	
18cda	Ella Parizak	67	6	Dr	1910	18	.....	D,S	Sd	Qd	.....	
19aaa	Henry Dolezal	38	2	Dr	1951	5	.....	D,S	Sd	Qd	.....	
19bcc	Frank Klepetka	55	3	Dr	....	....	.....	D,S	Sd	Qd	1,910	
19cbb	Kabella Bros.	45	20	B	1919	29	.....	D	Sd	Qd	.....	
19ddc1	Art Jahoda	65	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
19ddc2	..do....	600	2	Dr	....	Flow	9-12-62	S	Sd	Kd	.....	
20aaa	Mrs. Lillie Jelinek	26.9	20	B	....	10.6	9-12-62	S	Sd	Qd	.....	
21aba	Joe Mikesh	45	3	Dr	....	15	.....	D	Sd	Qd	.....	
21bbb	Harvey Heley	30	36	Du	....	10	.....	D,S	Sd	Qd	.....	
22aad	Ben Heley	70	2	Dr	1952	8	.....	D	Sd	Qab	.....	
23acc	Max Randall	50	3	Dr	....	28	.....	D,S	Sd	Qab	903	
23dab	Wm. Kadechka	47	4	Dr	1952	....	.....	D,S	Sd	Qab	.....	
24aac	Walter Gutzmer	55	2	Dr	1957	....	.....	D	Sd	Qab	.....	
25abb	Ewald Koppleman	26	2	Dr	1950	6	.....	D,S	Sd	Qab	.....	
25bbb	Elroy Wahler	40	2	Dr	1948	7	.....	D	Sd	Qab	.....	
25ccb	Leonard Hejtmanek	40	2	Dr	....	8	.....	D,S	Sd	Qab	600	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>131-51 (Cont.)</u>												
27bba	Leonard Winje	40	2	Dr	....	20	.....	D	Sd	Qd	.....	
27ddd	Lawrence Heley	40	2	Dr	....	22	.....	D,S	Sd	Qm	.....	
28baa	Richard Dolezal	60	24	B	1946	.....	.....	D,S	Sd	Qd	.....	
28dda	Mrs. Agness	32	22	B	1950	.....	.....	D	Sd	Qm	.....	
29daa	Edward Sellner	40.6	24	B	....	19.3	9-11-62	O	Sd	Qd	.....	See table 2.
30bbb	Fred Kliz	650	2	Dr	1925	Flow	9-11-62	D,S	Ss	Kd	4,380	
30daa	Albert Mikesh	40	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
31acb	Joseph Bozovsky	600	2	Dr	1915	Flow	9-12-62	D,S	Ss	Kd	4,310	Est. flow 1 gpm.
31dba	Hubert Honl	760	1 $\frac{1}{4}$	Dr	1913	Flow	9-12-62	D,S	Ss	Kd	4,350	C, Est. flow $\frac{1}{2}$ gpm.
33ddb	Frank Kovba	...	2	Dr	1900	Flow	9-11-62	D,S	..	Kd(?)	.....	Est. flow 1 gpm.
34bca	Ben Heley	50	2	Dr	....	....	.....	S	Sd	Qm	.....	
34dad	James Hrdlicka	50	2	Dr	1948	....	.....	D,S	Sd	Qm	.....	
35dda	Louis Kordovsky	40	2	Dr	1939	18	.....	D,S	Sd	Qm	.....	
36bbc	James Heley	18	2	Dr	1958	12	.....	D	Sd	Qm	.....	
36dcb	Adolph Hruby	25	36	Du	....	20	.....	D,S	Sd	Qm	1,550	
<u>131-52</u>												
1aba	Don Elznic	32	3	Dr	....	10	.....	D	Sd	Qd	.....	
2aad	Harry Krause	30	4	Dr	1940	7	.....	D,S	Sd	Qd	.....	
2cda	Adolph Prasek	50	2	Dr	1941	....	.....	D	Sd	Qd	.....	
2daa	Frank Kodat	530	2	Dr	....	Flow	9- 5-62	D,S	Sd	Kd	4,200	Est. flow 1 gpm.
3cbcb	Elmer Strege	65	2	Dr	1952	....	.....	..	..	Qd	.....	
3cbcb	Harold Halverson	...	3	Dr	....	Flow	9- 7-62	D,S	Sd	..	.....	Est. flow 8 gpm.
4baa	Claud Carey	40	2	Dr	1952	10	.....	D	Sd	Qd	.....	
4ccc	Glenn Copeland	65	2	Dr	1934	10	.....	D,S	Sd	Qd	.....	
5aab	Elmer Skluzzak	40	2	Dr	1951	....	.....	D	Sd	Qd	848	
6ddd	Clara VanValnder	30	2	Dr	1956	....	.....	D	Sd	Qd	.....	
7adc1	Edward Kroeger	42	2	Dr	1956	....	.....	D,S	Sd	Qd	.....	
7adc2	..do....	700	2	Dr	1918	Flow	9- 7-62	S	Sd	Kd	.....	
7bbb	Henry Goolsbey	30	2	Dr	1957	....	.....	D	Sd	Qd	711	
8bbc	Alfonzo Orth	39	1 $\frac{1}{2}$	Dr	1962	20	.....	D	Sd	Qd	.....	
8bcc	..do....	30	1 $\frac{1}{2}$	Dr	1954	12	.....	D	Sd	Qd	.....	
8ddd	Howard C. Williams	700	1	Dr	1918	Flow	9- 6-62	S	Sd	Kd	4,420	Est. flow 2 gpm.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
131-52 (Cont.)												
9bba	Alvin Medenwaldt	60	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
9ccc	Edward Klamon	60	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
11baa	Clarence Frolek	45	2	Dr	1949	25	.....	D	Gv	Qd	.....	
11cdd	..do....	37.3	15	B	....	18.5	9- 7-62	0	Sd	Qd	.....	See table 2.
11ddd	Joe Karel	62	2	Dr	1957	20	.....	D	Sd	Qd	1,550	C
12bbc	Leonard Trinka	40	2	Dr	1935	18	.....	U	Sd	Qd	.....	
13ccd	Leo Heley	70	2	Dr	1954	50	.....	D,S	Sd	Qd	.....	
14cdc	Anton Biewer	70	2	Dr	1955	....	.....	D,S	Sd	Qd	.....	
15cdc	Chester Mallinger	50	2	Dr	1948	....	.....	D	Sd	Qd	.....	
16aad	Mrs. Mary Kruchek	48	2	Dr	1957	8	.....	D	Sd	Qd	.....	
16ddd	Harley Trinka	60	2½	Dr	1952	18	.....	D	Sd	Qd	.....	
17bcc	Rose Waal	48	1½	Dr	....	25	.....	S	Sd	Qd	1,030	
18bcc	Melvin Orth	30	1½	Dr	1958	10	.....	D	Sd	Qd	.....	
19aba	Anton Heley	42	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
19dcd	Martin Tesch	24	1½	Dr	1920	15	.....	B,S	Sd	Qd	.....	
20aaa	Lewis Goolsbey	50	2	Dr	1950	....	.....	D	Sd	Qd	.....	
22cbc	Flynn Donnelley	680	1½	Dr	....	Flow	9- 6-62	D,S	Sd	Kd	4,200	Est. flow 4 gpm.
23ddd	Frank Smole	60	24	B	....	20	.....	D,S	Sd	Qd	.....	
24bcc	Alois Polansky	36.3	15	Dr	....	22.1	9- 5-62	D,S	Sd	Qd	.....	
24ccc	Leonard Kriz	62	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
25ccc	Test hole 3170	722	5	Dr	1964	....	.....	T	..	..	.....	L
25dad	John Stule	60	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
26cdc	Ed Podliska	57	2	Dr	1947	20	.....	D,S	Sd	Qd	1,750	
27cdb	George Arth	64	2	Dr	....	20	.....	D,S	Sd	Qm	.....	
28ac	Alois Polansky	45	2	Dr	....	....	.....	D,S	Sd	Qm	.....	
29ccc	Jerome Witucki	...	1½	Dr	....	Flow	9- 6-62	S	Sd	..	.....	
30cdc	Rose Bohnstingl	85	2	Dr	1962	40	.....	D,S	Sd	Qd	.....	
31dca	Alois Gaukler	65	2	Dr	....	30	.....	D,S	Gv	Qm	.....	
32add	A. H. Schuschke	73	2	Dr	....	35	.....	D,S	Sd	Qd	.....	
32ccc	Jerome Ciesynski	800	2	Dr	....	Flow	9- 6-62	D,S	Sd	Kd	4,590	C, Est. flow 1 gpm.
33cac	Dan Gully	75	2	Dr	1948	28	.....	D	Gv	Qd	.....	
33cdc	Ray Vaplon	40	2	Dr	1940	15	.....	D,S	Sd	Qm	.....	
33dda	Ray Bohnstingl	60	2	Dr	1957	20	.....	D	Sd	Qm	.....	
34ccb	..do....	35	2	Dr	....	20	.....	U	Sd	Qm	.....	
35aaa	John Polansky	65	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
35bdb	Joe Factor	60	2	Dr	1933	....	.....	D,S	Sd	Qd	.....	
36ccb	Wm. Houdek	72	2	Dr	1952	30	.....	D	Sd	Qd	1,460	

35

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>132-47</u>												
7acc	Dale Jones	196	4	Dr	1957	....	.....	I	Sd	Kd(?)	.....	
7adc	Peter Langseth	263	2	Dr	1947	18	.....	D	Sd	Kd	1,590	
7bcc	Test hole 2316	378	5	Dr	1964	....	.....	T	..	..	.....	L
7ccd	A. J. Grittentrog	76	2	Dr	1949	9	.....	D	Sd	..	.....	
8abd	City of Wahpeton	420	..	Dr	1914	....	.....	P	..	Kd(?)	1,590	C
8acb	..do....	265	12	Dr	1940	....	.....	P	Sd	Kd	1,670	C
8bdc	..do....	285	12	Dr	1933	126.8	8- 1-63	O	Sd	Kd	.....	
17bab	..do....	194	2	Dr	1952	30	.....	U	Sd	Kd(?)	.....	
18bbb	Detlaf Mumm	140	3	Dr	....	12	.....	D,S	Sd	Qd	.....	
20baa	Alvin Parsley	130	2	Dr	....	....	.....	D	Sd	Qd	1,530	
28ccd	Carl Glander	60	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
29aab1	Alvin Parsley	72	3	Dr	1962	10	.....	S	Sd,Gv	Qd	.....	
29aab2	..do....	270	2	Dr	....	....	.....	D	Sd	Kd	.....	
29bbc	Paul Bernard	131	4	Dr	1961	6	.....	D	Sd,Gv	Qd	.....	
30abb	Art Riffner	297	2	Dr	....	....	.....	D,S	Sd	Kd	2,060	
30ccd	Louis Leshovsky	70	3	Dr	....	15	.....	D,S	Sd	Qd	.....	
31aaa	Earl Andel	160	2	Dr	....	....	.....	D,S	Sd	Qd	.....	
32cdc	Donald Luick	170	2	Dr	1948	11	.....	D,S	Sd,Gv	Qd	.....	
33bac	John Bezenek	260	2	Dr	....	10	.....	D,S	Sd	Kd	3,360	
<u>132-48</u>												
1dad1	Clifford Baumer	246	3	Dr	1961	25	.....	D,S	Sd	Kd	.....	
1dad2	..do....	65	3	Dr	1919	5	.....	S	Sd	Qd	.....	
1dcd	Robert Tradewell	200	2	Dr	1959	12	.....	D,S	Gv	Qd	.....	
2dcd1	Otto Freudensthat	240	2	Dr	1939	20	.....	D	Sd	Kd	.....	
2dcd2	..do....	...	3	Dr	....	2.0	8-23-62	U	Sd	..	.....	
3abb	Theodore Leland	85	2	Dr	1962	16	.....	D,S	Gv	Qd	.....	
3bdd1	Manfred Standy	250	2	Dr	1958	20	.....	D,S	Sd	Kd	3,270	
3bdd2	..do....	80	3	Dr	....	17	.....	D,S	Sd,Gv	Qd	.....	
4aaa	Darrel Quamme	250	2	Dr	....	15	.....	D,S	Sd	Kd	.....	
4dda1	Jubert Malme	75	3	Dr	....	15	.....	S	Gv	Qd	.....	
4dda2	..do....	260	4	Dr	1962	....	.....	D,S	Sd	Kd	.....	
5bba	Lowell Larson	87	3	Dr	....	2	.....	D,S	Sd	Qd	.....	
7baa	Tony Smith	126	3	Dr	....	28	.....	D,S	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>132-48</u> (Cont.)												
8acd1	Frank Domm	80	3	Dr	....	....	.....	S	Sd	Qd	1,530	
8acd2	..do....	90	3	Dr	1957	15	.....	D	Sd	Qd	.....	
8daa	Ray Thiel	...	2	Dr	....	4	.....	D,S	..	..	.....	
9aac	Francis Wolfe	85	3	Dr	....	17	.....	D,S	Sd	Qd	.....	
9add	M. C. Ekanger	97	3	Dr	1961	17	.....	D	Sd	Qd	.....	
9dac	B. Johnson	250	2	Dr	....	50	.....	D,S	Sd	Kd	.....	
10aad	Abel DeMesy	68	4	Dr	....	3	.....	D	Sd	Qd	.....	
10bcc	Test hole 3163	242	5	Dr	1964	9.1	9-30-64	T,O	Sd	Qd	2,630	L, C, Obs. well 100 ft.
10dda	George Rudy	240	2	Dr	....	25	.....	D,S	Sd	Kd	.....	
11ccc	John Weniger	...	2	Dr	1950	30	.....	D	Sd	..	.....	
11dbb	Raymond Johnson	232	2	Dr	1946	18	.....	D,S	Sd	Qd	1,700	
12bda	Lyle West	165	2	Dr	....	24	.....	D	Sd	Qd	.....	
12dba	Alfred Mohs	146	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
14aaa	Alexander Douglas	180	2	Dr	....	25	.....	D	Sd	Qd	.....	
14cbb	Frank Domm	160	2	Dr	....	.....	.....	S	Sd	Qd	.....	
15bba	George Rudy	160	3	Dr	....	.....	.....	D,S	Sd	Qd	.....	
15cbd	Robert Mott	183	3	Dr	....	5	.....	D,S	Sd	Qd	.....	
16aad	C. E. Moore	140	3	Dr	....	22	.....	D,S	Sd	Qd	.....	
16cdd	Waldemar Fenske	96	3	Dr	....	7	.....	D,S	Sd	Qd	1,420	
17aaa	Irvin Leinen	130	2	Dr	....	7	.....	D,S	Sd	Qd	.....	
18bba	H. A. Traeger	...	2	Dr	....	3	.....	D,S	Sd	..	.....	
18cdd	Sterns Bros.	175	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
20baa	Ralph Jost	260	3	Dr	1959	40	.....	D,S	Sd	Kd	1,790	
21bbb	Mary Cannon	135	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
22aba	George Pelzl	275	2	Dr	....	30	.....	D,S	Sd	Kd	.....	
24cdd	Ross West	260	2	Dr	....	25	.....	D,S	Sd	Kd	2,150	
25ddd	Alvina Shebeck	96	2	Dr	....	5	.....	U	Sd	Qd	.....	
26ccc	R. E. Deede	250	3	Dr	1947	11	.....	D,S	Sd	Kd	1,510	
26daa	Art Riffner	135	2	Dr	....	4.0	8-26-62	O	Sd	Qd	.....	
27ddd	Delmer Hoeft	225	3	Dr	....	.....	.....	D,S	Sd	Kd	.....	
28daa	Ernest Otto	178	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
29beb	Lester Smith	90	3	Dr	1948	9	.....	D,S	Sd	Qd	1,460	C
29cbb	Donald Demoray	186	2	Dr	1954	10	.....	D,S	Sd	Qd	.....	
30aca	Christine Dickerson	80	3	Dr	.....	7	.....	U	Sd	Qd	.....	



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
132-48 (Cont.)												
31dcc	Mrs. Elvina Popp	120	2	Dr	1919	6	.....	D,S	Sd	Qd	.....	
32bcb	Alfred Mohs	147	3	Dr	1947	5	.....	D,S	Sd	Qd	.....	
35bbb	Alvin Buck	165	3	Dr	....	25	.....	D,S	..	Qd	.....	
36aaa	Arthur Leshovsky	293	3	Dr	....	20	.....	D,S	Sd	Kd	2,270	
36ccc	G. L. Romerein	79	3	Dr	1949	8	.....	D,S	Sd	Qd	.....	
132-49												
1dad	Alfred Althoff	70	2½	Dr	1950	1	.....	D,S	Sd	Qd	.....	
2aaa1	Ray Ward	80	2	Dr	1950	Flow	8-30-62	D,S	Sd	Qd	3,100	
2aaa2	..do....	65	2	Dr	....	Flow	8-30-62	D,S	Gv	Qd	.....	
2dad	Irvin Smith	80	2	Dr	....	Flow	8-30-62	D,S	Sd	Qd	.....	
4aac	Albert Skovholt	212	2	Dr	....	Flow	8-30-62	D,S	Sd	Kd	3,000	
4cbd	Nels Skovholt	146	2	Dr	....	0	.....	D,S	Sd	Qd	2,640	
4ddb	Joseph Borgen	130	2	Dr	....	Flow	8-30-62	S	Sd	Qd	.....	
6bda	C. J. Klosterman, Jr.	174	2	Dr	....	Flow	8-30-62	D,S	Sd, Gv	Qd	3,560	
6dda	Robert Klosterman	125	2½	Dr	....	Flow	8-30-62	D,S	Sd	Qd	.....	
8cab	Roy Bagg	150	3	Dr	....	Flow	8-30-62	D	Sd	Qd	3,250	C
8cdb	..do....	98	2	Dr	....	Flow	8-30-62	S	Sd	Qd	.....	
9acd	Math Weniger	135	2	Dr	....	7	.....	D,S	Sd	Qd	.....	
9bcc	Clifford Strandberg	120	2	Dr	1950	0	.....	D,S	Sd	Qd	.....	
10bdc	Bernard Borgen	117	3	Dr	1960	6	.....	D,S	Sd	Qd	.....	
10cbb	Test hole 3161	197	5	Dr	1964	....	.....	T	..	..	.....	L
10dad	Ralph Beeson	65	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
11lada	Peter Reiland	94	3	Dr	....	5	.....	D,S	Sd	Qd	.....	
11bdd	Arvid Friskop	56	3	Dr	....	Flow	8-30-62	D,S	Sd	Qd	.....	
11cac	..do....	48	3	Dr	....	Flow	8-30-62	S	Sd	Qd	.....	
12cdd	Ferd Smith	77	2	Dr	....	Flow	8-30-62	D,S	Sd	Qd	.....	
12daa1	Test hole 3162	272	5	Dr	1964	2.3	9-30-64	T,O	Sd	..	2,420	L, C, Obs. well 240 ft.
12daa2	Obs. well 3162A	80	1¼	..	1964	1.6	9-30-64	0	Gv	Qd	3,330	C, Shallow well installed in above hole.
13bab	Elwin Sahsholz	90	2	Dr	1945	Flow	8-30-62	D,S	Sd	Qd	2,870	
16bca	James Link	200	2	Dr	....	80	.....	D,S	Sd	Qd	.....	
16ccb	Joseph Tesdell	140	2	Dr	....	Flow	8-30-62	D	Sd	Qd	3,370	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
132-49 (Cont.)												
17bcb	Ferd Bagg	150	2	Dr	....	Flow	8-30-62	D,S	Sd,Gv	Qd	.....	
18aaa	Roy Bagg	150	2	Dr	1920	Flow	8-30-62	D	Gv	Qd	.....	
21ddd	Orville Wefel	230	2	Dr	....	Flow	8-30-62	D,S	Sd	Kd	3,220	
22dcc	Lloyd Fleischauer	220	2	Dr	....	Flow	8-31-62	D,S	Sd	Kd	.....	
24aad	Lester Deike	77	3	Dr	....	0	.....	D,S	Sd	Qd	.....	
25bba	Rheinhold Stoltenow	54	2	Dr	....	2	.....	D,S	Sd	Qd	1,470	
25dcd	Henry Mohs	80	3	Dr	....	2	.....	D,S	Sd	Qd	.....	
26abb	Herman Deike	84	2	Dr	....	4	.....	D,S	Sd	Qd	.....	
26baa	Leonard Stoltenow	65	1 $\frac{1}{2}$	Dr	....	0	.....	D,S	Sd	Qd	.....	
26add1	Earl Gordon	43	2	Dr	....	Flow	8-31-62	D,S	Sd,Gv	Qd	.....	
26add2	..do....	93.5	2	Dr	....	3.0	8-31-62	0	Sd	Qd	.....	See table 2.
30aaa	Thomas Manikowska	170	2	Dr	....	Flow	8-31-62	D,S	Sd	Qd	.....	
30ecc	Wilbert Theil	118	2	Dr	....	Flow	8-31-62	D,S	Sd	Qd	.....	
31abb	Alfred Theil	240	2	Dr	....	3	.....	D,S	Sd	Kd	.....	
31ddd	Hilmen Halstenson	250	2	Dr	....	Flow	8-31-62	D,S	Sd	Kd	2,580	
35aaa	Clarence Stoltenow	45	2	Dr	....	1	.....	D,S	Sd	Qd	.....	
36aaa	Test hole 3160	212	5	Dr	1964	....	.....	T	..	..	.....	L
132-50												
1baa	John P. Weber	132	2	Dr	....	Flow	9-12-62	D,S	Sd	Qd	2,890	
1ddd	Leo Althoff	256	2	Dr	1942	Flow	9-12-62	D,S	Sd	Kd	.....	
2bab	Harold Wildwerding	220	2	Dr	....	8	.....	U	Sd	Qd	.....	
3abb	Robert Ford	135	2	Dr	....	12	.....	D,S	Sd	Qd	.....	
3adb	Art Minderman	188	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
4bba	J. H. Janssen	38	2	Dr	1962	....	.....	D,S	Sd	Qasd	.....	
4dcc	Joe Stallman	392	2	Dr	1960	6	.....	D,S	Sd	Kd	3,720	
6bda	Ada Simdorn	350	2	Dr	....	50	.....	D	Sd	Kd	3,280	
6cdd	Harold Bolstad	500	4	Dr	....	20	.....	D	Sd	Kd	.....	
6dcb	Ray Puetz	530	2	Dr	1917	15	.....	S	Sd	Kd	5,800	C
7abc	Floyd Hammond	400	3	Dr	....	40	.....	D	Sd	Kd	.....	
7acb	Barney Village	212	3	Dr	....	40	.....	P	Sd	Qd	2,170	
7bad	Henry Kurtz	408	2	Dr	....	180	.....	D	Sd	Kd	.....	
7caa	Test hole W-13	420	5	Dr	1948	....	.....	T	..	..	.....	LW
7dbb	Glennis Sanden	591	3	Dr	1957	10	.....	D,S	Sd	Kd	.....	
8aab	Alvin Rudolph	185	3	Dr	....	25	.....	D,S	Sd	Qd	.....	
8bcc	Thomas Stallman	268	2	Dr	1960	17	.....	D,S	Sd	Kd	.....	

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	132-50 (Cont.)												
	8cbb	James Hauberman	250	2	Dr	....	15	.....	D,S	Sd	Kd	.....	
	9aabl	Harry Luebke	405	2	Dr	....	0	.....	D,S	Sd	Kd	.....	
	9aab2	..do....	30	60	Du	....	....	.....	D,S	Gv	Qd	.....	
	9bca	Ben Heitkamp	336	3	Dr	1919	6	.....	D,S	Sd	Kd	4,430	
	9dab	Lawrence Weber	309	2	Dr	1958	0	.....	D,S	Sd	Kd	.....	
	10bcc	Test hole 3164	242	5	Dr	1964	1.3	9-30-64	T,O	Sd	Qd	4,000	L, C, Obs. well 220 ft.
	10cdc	Mark Klosterman	330	2	Dr	1955	60	.....	D,S	Sd	Kd	4,220	
	11adc1	Donald Hektner	128	2	Dr	1934	20	.....	D,S	Sd	Qd	3,110	
	11adc2	..do....	134	2	Dr	1948	20	.....	D	Sd	Qd	.....	
	11bcd	Leo Klosterman	170	3	Dr	....	20	.....	D,S	Sd	Qd	.....	
	11dab1	Lester Vogeler	127	2	Dr	1960	....	.....	D,S	Sd	Qd	.....	
	11dab2	..do....	400	2	Dr	....	10	.....	D,S	Sd	Kd	.....	
	12add	Edmond Althoff	298	2	Dr	....	Flow	9-12-62	D,S	Sd	Qd	.....	
	12dab	Test hole W-14	410	5	Dr	1948	....	.....	T	..	..	.....	LW
	14baa	Embert Davis	138	2	Dr	1957	25	.....	D,S	Sd	Qd	.....	
	14ddc	A. Klosterman	120	3	Dr	....	12	.....	D	Sd	Qd	3,100	
	16abb	Jerome Heitkamp	248	2½	Dr	1960	16	.....	D,S	Sd	Qd	5,280	
	16dcc	John Heitkamp, Sr.	250	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
OT	17dcc	Herman Heitkamp	240	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
	19cdc1	Anna Lenz	108	3	Dr	1952	20	.....	D,S	Sd	Qd	.....	
	19cdc2	..do....	75	..	..	1951	20	.....	S	..	Qd	.....	
	21bab	Norbert Poss	140	2	Dr	1958	20	.....	D,S	Sd	Qd	.....	
	21ccc	Clarence Johannes- meyer	140	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
	21ddd	Bernard Mauch	330	2	Dr	....	....	.....	D,S	Sd	Kd	.....	
	22baa	Clarence Holstenson	400	2	Dr	....	25	.....	S	Sd	Kd	.....	
	22cdd	Clyde Klosterman	350	2	Dr	1960	12	.....	D,S	Sd	Kd	.....	
	23abal	Clifford Schennum	124	2	Dr	1941	12	.....	D	Sd	Qd	.....	
	23aba2	..do....	145	..	Dr	....	....	.....	S	Sd	Qd	.....	
	23cdc	Henry Pausch	280	2	Dr	1961	7	.....	D,S	Sd	Qd	.....	
	25cdd	Math Jacobs	120	2	Dr	....	20	.....	D,S	Sd	Qd	2,330	
	26ccc	Peter Lambertz	315	2	Dr	....	6	.....	D,S	Sd	Kd	.....	
	27dcc	Leo Mauch	140	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
	27ddb	Clayton Egness	380	2	Dr	....	30	.....	D,S	Sd	Kd	4,470	
	28cdd	Harold Wahler	225	2	Dr	....	30	.....	D,S	Sd	Qd	2,450	
	28ddc1	Leo Mauch	337	2	Dr	1957	25	.....	D,S	Sd	Kd	.....	
	28ddc2	..do....	137	2	J	1963	15	.....	D	Gv	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>132-50 (Cont.)</u>												
31bbb	Test hole 3166	212	5	Dr	1964	19.4	9-30-64	T,O	Gv	Qd	3,060	L, C, Obs. well 200 ft.
32bbb	John Lingen	112	4	Dr	....	30	.....	U	Sd	Qd	.....	
32ddd	James Waxweiler	165	2	J	1963	20	.....	D,S	Sd	Qd	2,070	
34baa	John Reiland	136	2	Dr	....	20	.....	S	Sd	Qd	.....	
34cbc	Arnold Mauch	130	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
35add	Wilmer Baldner	335	2	Dr	....	10	.....	D,S	Sd	Kd	3,010	
<u>132-51</u>												
2ada	A. H. Berg	42	2	Dr	....	.....	.....	S	Sd	Qasd	.....	
3adb1	Arnold Berg	500	3	Dr	....	Flow	8-64	S	Ss	Kd	4,670	
3adb2	..do....	45	1 $\frac{1}{2}$	Dv	....	6	.....	D,S	Sd	Qasd	.....	
3adb3	..do....	24	48	Du	1930	6	.....	S	Sd	Qasd	.....	
3bbe1	Rudolph Kressin	510	2	Dr	1954	Flow	8-64	D	Ss	Kd	.....	
3bbe2	..do....	35	1 $\frac{1}{4}$	Dv	1953	.....	.....	U	Sd	Qasd	.....	
4bcb1	Lester Pelvit	430	2	Dr	....	Flow	8-64	S	Ss	Kd	.....	
4bcb2	..do....	210	2	Dr	....	.....	.....	D	Sd	Qd	.....	
4ccb	Marvin Jones	182	2	Dr	1935	14	.....	D,S	Sd	Qd	.....	
5ccd	Russel Mead	600	2	Dr	1917	Flow	8-64	D,S	Ss	Kd	4,434	C
5dcd	Mrs. Jacob Lillestol	425	2	Dr	1920	Flow	8-64	D,S	Ss	Kd	.....	
6abc	City of Wyndmere	545	2	Dr	....	6	.....	U	Ss	Kd	.....	CW
6bcb	John Bailey	30	2	Dv	....	10	.....	D,S	Sd	Qasd	.....	
6bcc	..do....	31	1 $\frac{1}{4}$	Dv	1933	.....	.....	D	Sd	Qasd	.....	CW
6cbb	Test hole W-20	210	5	Dr	1948	.....	.....	T	..	..	.....	LW
6cdcl	George Kuchera	520	1 $\frac{1}{2}$	Dr	1960	Flow	8-64	S	Ss	Kd	.....	
6cdc2	..do....	49	2	Dv	....	28	.....	D	Sd	Qasd	.....	CW
7acd	..do....	523	2	Dr	....	Flow	8-64	D,S	Sd	Kd	.....	
7bbd	Test hole W-3	570	5	Dr	1948	.....	.....	T	..	..	.....	LW
7bca	Test hole W-12	220	5	Dr	1948	.....	.....	T	..	..	.....	LW
7bcc	Test hole W-11	240	5	Dr	1948	.....	.....	T	..	..	.....	LW
7bdc	Test hole W-19	250	5	Dr	1948	.....	.....	T	..	..	.....	LW
7cbb	Test hole W-16	230	5	Dr	1948	.....	.....	T	..	..	.....	LW
7daa	Test hole W-15	246	5	Dr	1948	.....	.....	T	..	..	.....	LW
7add	Test hole W-4	189	5	Dr	1948	.....	.....	T	..	..	.....	LW
8acd	Frank Rodenbaugh	500	3	Dr	....	Flow	8-64	D,S	Ss	Kd	.....	CW
8cbb	L. Foertch	500	2	Dr	1918	Flow	8-64	D,S	Sd	Kd	.....	
9acc	Frank Rodenbaugh	500	2	Dr	....	Flow	8-64	D,S	Ss	Kd	.....	
9cbb	John Pokarney	435	2	Dr	1928	Flow	8-64	D,S	Ss	Kd	.....	
10cab	Robert Nagel	545	2	Dr	....	Flow	8-64	D,S	Ss	Kd	4,520	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
132-51 (Cont.)												
11adc	Lynn Gabriel	200	3	Dr	....	0	.....	D,S	Sd	Qd	.....	
11dba	Adolph Haberman	200	..	Dr	....	6	.....	D,S	..	Qd	.....	
12ada	Bernard Hager	465	3	Dr	1932	15	.....	D,S	..	Kd	.....	
12cad	Ernest Biegert	203	2	Dr	....	8	.....	D,S	..	Qd	.....	
12dab	Arnold Heitkamp	385	3	Dr	1938	Flow	8-64	D,S	..	Kd	.....	
13add	Herbert Bailey	180	3	Dr	....	20	.....	D,S	..	Qd	.....	
14cdc	Julias Haberman	18	2	Dv	1960	16	.....	D,S	Sd	Qasd	.....	
14dad1	Ed Goerger	185	2	Dr	1932	0	.....	D,S	..	Qd	.....	
14dad2	..do....	185	2 $\frac{1}{2}$	Dr	1961	0	.....	D,S	..	Qd	.....	
15ada	Ted Anderson	35	2	Dr	....	10	.....	D,S	..	Qasd	.....	
15ccc1	David Goerger	400	..	Dr	....	Flow	8-64	S	Sd	Kd	.....	
15ccc2	..do....	143	2	Dr	1959	18	.....	D,S	..	Qd	.....	
16dbc	Anna Kuchera	440	2	Dr	1924	Flow	8-64	D,S	Sd	Kd	4,680	
17cdd1	Test hole W-8	200	5	Dr	1948	....	.....	T	..	..	.....	LW
17cdd2	C. Brosowoske, Jr.	112	2	Dr	....	20	.....	D,S	..	Qd	.....	
17ddd	Charles Brosowoske	500	2 $\frac{1}{2}$	Dr	1914	Flow	8-64	D	Ss	Kd	.....	
18aad	Mrs. Frank Mund	512	2	Dr	1905	Flow	8-64	D,S	Ss	Kd	4,430	
18ccc	Test hole W-25 LR	97	4	Dr	1948	....	.....	T	..	..	.....	LW
18daa1	Mrs. Carl Hill	96	2	Dr	....	20	.....	D,S	Sd, Gv	Qd	.....	
18daa2	Test hole W-5	200	5	Dr	1948	....	.....	T	..	..	.....	LW
19aaa	Test hole W-10	200	5	Dr	1948	....	.....	T	..	..	.....	LW
19bab	Leslie Manstrom	30	..	Du	....	23	.....	D,S	Sd	Qasd	.....	
20aab	Test hole W 7	200	5	Dr	1948	....	.....	T	..	..	.....	LW
20ada	Lawrence Vosberg	432	..	Dr	1907	Flow	4-13-62	S	Ss	Kd	.....	
20bba	Test hole W-9	210	5	Dr	1948	....	.....	T	..	..	.....	LW
20ccc	Dan Rasmussen	150	2	Dr	1933	....	.....	D,S	..	Qd	.....	
20ddd	Test hole W-6	164	5	Dr	1948	....	.....	T	..	..	.....	LW
21bcd	Ed Goerger	159	2	Dr	1960	....	.....	S	Sd	Qd	.....	
21cdb	Arnold Puetz	169	2	Dr	1957	....	.....	D,S	Sd	Qd	.....	
22ada	National Life In- surance Co.	416	2	Dr	1936	Flow	8-64	D,S	Ss	Kd	.....	
22ccd	Alfred Springer	165	2	Dr	1907	....	.....	D,S	..	Qd	.....	
24cda	Alex Mauch	644	4	Dr	1958	15	.....	D,S	..	Kd	.....	
26cdb	Becker Bros.	148	3	Dr	1935	20	.....	D,S	Sd	Qd	.....	
26dbc	..do....	138	..	Dr	....	20	.....	D,S	Gv	Qd	.....	
26d	Alex Mauch	180	..	Dr	....	....	.....	D,S	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>132-51</u> (Cont.)												
27aaa	Frank Walton	150	3	Dr	....	12	.....	D,S	Sd	Qd	.....	
27bab	Donald Puetz	165	2	Dr	1961	18	.....	D,S	Sd	Qd	1,290	
27ccc	H. B. Springer	150	4	Dr	1917	20	.....	D,S	Sd	Qd	.....	
27ddd1	R. L. Wodarz	158	2	Dr	1926	12	.....	D,S	Sd	Qd	.....	
27ddd2	..do....	136	2	Dr	1950	.....	.....	D,S	Sd	Qd	.....	
28bba1	James Pokarny	500	2	Dr	....	Flow	8-64	D,S	Sd	Kd	.....	
28bba2	..do....	178	3	Dr	1960	.....	.....	D,S	Sd	Qd	.....	
28cdd	Forrest Little	160	..	Dr	....	.....	.....	D,S	Sd	Qd	.....	
28dbd1	William Klosterman	105	4	Dr	....	.....	.....	D	Sd	Qd	.....	
28dbd2	..do....	113	4	Dr	1962	.....	.....	S	Sd	Qd	.....	
29aad	Earl Vosberg	100	4	Dr	....	21	.....	D,S	Sd	Qd	.....	
29dbc	Wm. Wasvick	85	..	Dr	....	.....	.....	..	..	..	.....	
30bbc	Frank Wacha	40	2	Dr	....	.....	.....	D,S	Sd	Qasd	.....	
30ddc	George Kuzel	50	18	B	....	3	.....	D,S	Sd	Qasd	.....	
32bba	Ruben Hubza	105	3	Dr	....	20	.....	D,S	Sd	Qd	.....	
32cdd	Helen Dolezal	40	2	Dr	....	28	.....	D,S	Sd	Qasd	1,140	
33aa	Marvin Haertling	170	2	Dr	1959	25	.....	S	Sd	Qd	.....	
33ccc	Leo Neidjick	65	2	Dr	....	25	.....	D,S	Sd	Qasd	1,080	C
34aad	Marvin Haertling	153	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
34bbc	Lawrence Lugert	140	2	Dr	....	30	.....	D,S	Sd	Qd	.....	
34ccd	Ralph Keenan	145	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
34dcc	Lawrence Lugert	144	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
35bcc	Rupert Goerger	130	4	Dr	1919	18	.....	D,S	Sd	Qd	.....	
35c	Wilbur Bohn	134	2	J	1963	20	.....	D,S	Sd	Qd	.....	
36dcc	..do....	150	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
36ddd1	R. H. Bellin	180	2	Dr	1917	18	.....	U	Sd	Qd	.....	
36ddd2	..do....	176	2	Dr	1963	.....	.....	D,S	Sd	Qd	.....	
<u>132-52</u>												
1dad	City of Wyndmere	55	48	B	1958	32	.....	P	Sd	Qasd	1,250	C
1ddd	Test hole W-20 LR	102	4	Dr	1948	.....	.....	T	..	..	.....	LW
2aaa	Test hole W-32 LR	47	4	Dr	1948	.....	.....	T	..	..	.....	LW
2bbb	Test hole W-31 LR	77	4	Dr	1948	.....	.....	T	..	..	.....	LW
2bdd	Nulph Bros.	18	1 $\frac{1}{4}$	Dv	....	.....	.....	D,S	Sd	Qasd	.....	

84

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
132-52 (Cont.)												
2ddd	Erwin Kressin	18	1 $\frac{1}{4}$	Dv	....	10	.....	D,S	Sd	Qasd	.....	
3ddd	Test hole W-29 LR	97	4	Dr	1948	....	.....	T	..	..	.....	LW
4abb	Max Jensen	21	1 $\frac{1}{4}$	Dv	....	1	.....	D	Sd	Qasd	.....	
4baa	Leonard Brandt	28	1 $\frac{1}{4}$	Dv	....	10	.....	D,S	Sd	Qasd	838	
4ddd	Herbert Dinger	36	1 $\frac{1}{4}$	Dv	....	10	.....	D,S	Sd	Qasd	.....	
6bbb1	Test hole 2199	346	5	Dr	1963	....	.....	T	..	..	.....	L
6bbb2	Obs. well 2199A	42	1 $\frac{1}{4}$	Dr	1963	6.4	10- 3-63	C	Sd	Qasd	1,349	C
6dda	F. E. Selzer	250	2 $\frac{1}{2}$	Dr	....	Flow	8-64	U	Sd	Qd	3,780	
8dcc	Clarence Knoppy	76	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
9ddd	Carl Solberg	239	2	Dr	1915	....	.....	D,S	Sd	Qd	2,470	
10baa	Marvin Ritter	...	2	Dr	....	Flow	8-64	S	..	..	.....	
10cdc	Evans and Ness	...	2	Dr	1954	Flow	8-64	D,S	..	..	.....	
11aaa	F. E. Selzer	518	1 $\frac{1}{4}$	Dr	....	Flow	8-64	S	Sd	Kd	3,860	
11ccd	Mrs. George Poppen	50	2	Dr	....	24	.....	D,S	Sd	Qasd	.....	
11ddd	F. E. Selzer	45	2	Dr	....	40	.....	D,S	Sd	Qasd	2,500	
12aad	City of Wyndmere	134	3	Dr	1951	....	.....	U	Sd	Qd	.....	
12abc	Test hole W-18	220	5	Dr	1948	....	.....	T	..	..	.....	LW
12abd	Dotzenrod Bros.	500	..	Dr	....	Flow	8-64	D	Ss	Kd	.....	CW
12add	John Shorma	120	2	Dr	1939	....	.....	D,S	..	..	.....	
12bbb	Test hole W-28 LR	27	4	Dr	1948	....	.....	T	..	..	.....	LW
12ccc	Test hole W-27 LR	27	4	Dr	1948	....	.....	T	..	..	.....	LW
12daa1	Test hole W-17	230	5	Dr	1948	....	.....	T	..	..	.....	LW
12daa2	Roy Springer	30	24	B	1948	28	.....	S	Sd	Qasd	.....	
13aaa	Rubey Reiter	500	2	Dr	1908	Flow	8-64	D,S	Ss	Kd	.....	
14ada	Kenneth Moffet	...	2	Dr	....	Flow	8-64	D,S	Sd	..	.....	
14ddc	Emil Luebke	325	2	Dr	....	Flow	8-64	D,S	Sd	Qd	4,180	
15aab	Rubey Reiter	40	1 $\frac{1}{2}$	Dr	1957	....	.....	D,S	Sd	Qd	.....	
15ddd	Mervin Poppen	39	2	Dr	....	20	.....	D	..	..	.....	
16aaa	Victor Cink	38	2	Dr	....	6	.....	D	..	..	.....	
16bbb	Merlin Friskop	280	2	Dr	....	Flow	4- 9-62	D,S	Sd	Qd	.....	
16ccb	Lavern Thompson	590	2	Dr	....	Flow	4-11-62	D,S	Ss	Kd	.....	
17aaa	Test hole 3165	302	5	Dr	1964	....	.....	T	..	..	.....	L
17ccb	Harold Friskop	40	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
18bdd	Julius Beitland	70	2	Dr	....	20	.....	D,S	Sd	Qd	2,340	
18ccb	Loran Hudson	510	2	Dr	....	Flow	4- 9-62	D,S	Sd	Kd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
132-52 (Cont.)												
19cbb1	Garvin Quam	550	2	Dr	....	Flow	4-10-62	D,S	Sd	Kd	4,460	C
19cbb2	..do....	40	2	Dr	....	20	.....	D,S	Sd	Qd	.....	
19dda1	Henry Kjos	83	2	Dr	....	15	.....	D,S	Sd	Qd	.....	
19dda2	..do....	49	2	Dr	....	16	.....	S	Sd	Qd	.....	
20bab	Klinton Braaten	...	2	Dr	....	Flow	4- 9-64	D,S	Sd	..	.....	
21bcc1	Arvid Kjos	500	2	Dr	....	Flow	4- 5-64	D,S	Sd	Kd	.....	
21bcc2	..do....	48	2	Dr	....	40	.....	D,S	Sd	Qd	.....	
21dad	Otto Strege	...	2	Dr	....	Flow	4- 5-62	D,S	Sd	..	.....	
22bbb	Ole Graff	386	2	Dr	....	Flow	4- 6-62	S	Sd	Kd	.....	
23add	John Foertsch	42	2	Dr	1958	10	.....	D,S	Sd	Qd	.....	
23bdc	Ed Foyt	48	3	Dv	....	0	.....	D,S	Sd	Qd	1,490	
24abc	Calvin Fercho	...	2	Dr	1917	Flow	10-11-47	U	..	..	.....	
24cbd	Eimer Johnson	200	2	Dr	....	3.1	10-11-47	D,S	..	Qd	.....	
26aca	Robert Blazek	480	2	Dr	1937	Flow	4- 6-62	D,S	..	Kd	4,490	
26daa1	Will Wacha	48	2	Dr	1961	....	.....	D	Sd	Qab	.....	
26daa2	..do....	38	10	Dr	....	20	.....	S	Sd	Qab	.....	
27adb	Lewis Charlson	28	2	Dr	....	18	.....	D,S	Sd	Qab	.....	
27c	Don Steele	523	2	Dr	....	Flow	4-10-62	D,S	Ss	Kd	.....	
30aab	Alfred Trangsrud	500	2	Dr	....	Flow	4-10-62	D,S	Ss	Kd	.....	
30bdal	George Mathieson	525	2	Dr	....	Flow	4-10-62	S	..	Kd	.....	
30bda2	..do....	50	2	Dr	....	25	.....	D,S	Sd	Qd	.....	
31bbb1	Robert McMichael	465	1 $\frac{1}{2}$	Dr	....	Flow	4- 9-62	S	..	Kd	4,710	
31bbb2	..do....	36	2	Dr	....	28	.....	D	Sd	Qd	736	
33daa	Leonard Blazek	40	3	Dr	1947	....	.....	D	Sd	Qd	.....	
34bbb	..do....	40	2	Dr	....	20	.....	D,S	Sd	Qd	1,190	
34ccc	Lavern Penlinski	37	2	Dr	....	13	.....	D,S	Sd	Qd	.....	
35add1	Stanley Staroba	30	1 $\frac{1}{4}$	Dv	1951	....	.....	D	..	Qab	.....	
35add2	..do....	30	1 $\frac{1}{4}$	Dv	1953	....	.....	S	..	Qab	.....	
36aaa	Henry Novotny	30	36	Du	....	24	.....	D	Sd	Qab	.....	
36ddd	Test hole W-26 LR	52	4	Dr	1948	....	.....	T	..	..	.....	LW
133-47												
6cca	Robert Doleshy	350	2	Dr	....	Flow	8-22-62	D,S	..	..	1,080	Est. flow 2 gpm.
8bdc	Lyle Nordick	90	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
17dcd	Lloyd Schmiat	167	2	Dr	....	30	.....	D,S	Sd	Qd	928	



	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	<u>133-47 (Cont.)</u>												
	17ddd	Test hole 2313	105	5	Dr	1964	22.0	9-30-64	T, O	Sd	Qd	1,120	L, C, Obs. well 80 ft.
	18ada	Mary Sranka	70	1½	Dr	1940	8	.....	D, S	Sd	Qd	.....	
	18dda	Roy Kosel	150	2	Dr	1950	30	.....	D, S	Sd	Qd	.....	
	19	Hubert Lauman	170	2	Dr	....	12	.....	D, S	Sd	Qd	.....	
	20aaa	Wolter Bros.	65	2	Dr	1910	60	.....	D, S	Sd	Qd	.....	
	20bba	Test hole 2315	53	5	Dr	1964	....	.....	T	..	..	.....	L
	20bcd	Paul T. Murphy	27.8	3	..	....	14.9	8-22-62	U	..	Qd	.....	
	20cd	Richard Kosel	140	2	Dr	....	30	.....	D, S	Sd	Qd	.....	
	21bab1	John J. Dietz	160	2	Dr	....	....	.....	D	Sd	Qd	.....	
	21bab2	..do....	372	2	Dr	....	10	.....	D, S	..	..	.....	
	21dcc	James Kosek	175	2	Dr	....	Flow	8-22-62	D, S	Sd	Qd	899	
	28bbb	Test hole 2314	74	5	Dr	1964	....	.....	T	..	..	.....	L
	28bcc	Harold Formanek	150	2	Dr	1900	6	.....	D, S	..	Qd	.....	
	31aca	Francis C. Schmidt	150	2	Dr	1930	75	.....	D, S	Sd	Qd	.....	
	31acd	Harold Nunns	270	3	Dr	....	50	.....	D, S	Sd	Kd	.....	
	32acd	Robert Chezik	240	2	Dr	1920	20	.....	D, S	Sd	Kd	.....	
	32bda	Ralph Berg	265	2	Dr	1925	53	.....	D, S	Sd	Kd	1,290	
97	33cda	Frank Lenzmeier	268	2	Dr	1961	25	.....	D, S	Sd	Kd	.....	
	<u>133-48</u>												
	1cbb	Adolph Horky	72	2	Dr	1958	1	.....	D, S	Sd	Qd	.....	
	1ddd	Arnold Styt	260	2	Dr	....	Flow	8-21-62	D, S	Sd	Kd	.....	
	2adc	Bertha Laumann	75	2	Dr	1904	Flow	8-21-62	D	Sd	Qd	928	Est. flow ½ gpm.
	3aaa	Muehler Bros.	120	2	Dr	....	20	.....	D, S	Sd	Qd	.....	
	3b	Louis Smith	90	2	Dr	....	8	.....	..	Sd	Qd	.....	
	3dcc	Albert Stevenson	90	3	Dr	....	3	.....	D, S	Sd	Qd	.....	
	4ccd	Clarence Leland	90	2	Dr	1950	6	.....	D	Sd	Qd	.....	
	5aaa	Lawrence Slinger	90	2	Dr	....	8	.....	D, S	Sd	Qd	.....	
	6bbc	Melvin Waterland	100	3	Dr	1935	10	.....	D	Sd	Qd	.....	
	7ccc	Earl Wold	106	3	Dr	1949	Flow	8-23-62	D	Sd	Qd	3,560	
	8bcc	Henry Bergum	130	2	Dr	....	8	.....	D	Sd	Qd	.....	
	8cdc	Thomas Thompson	86	2	Dr	....	5	.....	D, S	Sd	Qd	.....	
	8dcc	Orville Muehlburg	96	2	Dr	1900	8	.....	D, S	Sd	Qd	.....	
	10cab	Marvin Anderson	68	2	Dr	1942	8	.....	D, S	Sd	Qd	.....	
	12bbb	Ray Nordick	19.5	2	Dr	....	1.5	8-24-62	0	Sd	Qd	.....	

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	133-48 (Cont.)												
	12cab	Ray Nordick	40	3	Dr	1954	8	.....	D,S	Sd	Qd	.....	
	12ccc	J. J. Babbit	25	3	Dr	1910	3	.....	D,S	Gv	Qd	.....	
	14cbd	Wm. Hammond	127	2	Dr	1962	10	.....	D,S	Sd	Qd	.....	
	15dac	Robert Tradewell	190	2	Dr	1951	15	.....	D,S	Sd	Qd	.....	
	16ccc1	Francis Tuel	120	3	Dr	1962	....	.....	D,S	Sd	Qd	.....	
	16ccc2	..do....	85	4	Dr	....	15	.....	..	Sd	Qd	.....	
	17ddd	Harry Anderson	85	..	Dr	1962	0	.....	D,S	Gv	Qd	.....	
	18add	Edwin Larson	72	2	Dr	1957	Flow	8-22-62	D,S	Gv	Qd	3,410	C
	18bbb	John I. Larson	88	2	Dr	1944	Flow	8-22-62	D,S	Gv	Qd	.....	
	20adc	Harry Anderson	110	2	Dr	1959	Flow	8-22-62	D,S	Sd	Qd	2,700	Est. flow 2 gpm.
	20ddd1	Clarence Schmitt	90	2	Dr	....	7	.....	D	..	Qd	.....	
	20ddd2	..do....	90	2	Dr	....	Flow	8-22-62	S	Sd	Qd	.....	
	21ccc	Arthur Wolter	60	3	Dr	....	20	.....	D,S	..	Qd	.....	
	22ccd	Theodore Erickson	75	2	Dr	1955	8	.....	D	Sd	Qd	.....	
	22ccd	Walter Oberg	96	2	Dr	1910	8	.....	D,S	Sd	Qd	.....	
	23aac	H. A. Lauman	260	2	Dr	....	....	.....	D	..	Kd	2,070	
	23bba	Clifford Larson	125	3	Dr	1945	15	.....	D,S	Sd	Qd	.....	
	23odd	Otis Tradewell	250	2	Dr	1936	15	.....	D	Sd	Kd	.....	
L <sub>1</sub>	24ccc	Rena Tew	250	2	Dr	1942	20	.....	D,S	Sd	Kd	.....	
	24dca	Frank Lenzmeier	265	1 $\frac{1}{2}$	Dr	1949	10	.....	D,S	Sd	Kd	.....	
	25ddc	Gerald Pausch	270	2	Dr	....	10	.....	D,S	Sd	Kd	1,760	
	26baa	Mrs. T. K. Williams	240	3	Dr	1946	15	.....	D	Sd	Kd	.....	
	26cab	Thane Bros.	190	2	Dr	1900	20	.....	D,S	Sd	Qd	.....	
	27ddd	Alvin Lund	100	3	Dr	1923	50	.....	D,S	Sd	Qd	.....	
	27	Art Osmundson	107	2	Dr	....	Flow	4-9-62	D,S	Sd	Qd	.....	
	28baa	Dora Evenson	181	2	Dr	1940	5	.....	D,S	Sd	Qd	.....	
	30bdd	Clarence Anderson	105	2	Dr	1960	Flow	8-23-62	D,S	Gv	Qd	3,410	
	30dda	Lyle Smith	80	2	Dr	....	Flow	8-23-62	D,S	Sd	Qd	.....	
	31aad	Richard Muehler	119	2	Dr	1960	10	.....	D	Sd	Qd	.....	
	32aaa	Harold Slotten	90	2	Dr	1890	0	.....	D,S	Sd	Qd	.....	
	32bba	Glenn Lund	100	2	Dr	1952	6	.....	D,S	Sd	Qd	.....	
	33ddc	Nunns Estate	265	2	Dr	....	10	.....	D,S	..	Kd	2,440	
	34dca	Gerald Onchuck	55	3	Dr	....	7	.....	D,S	..	Qd	.....	
	35cdb	Andrew Slotten	75	2	Dr	1890	18	.....	D,S	..	Qd	.....	
	35dcb	..do....	76	24	B	1951	16	.....	D,S	Gv	Qd	1,860	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>133-49</u>												
4bba	Mrs. Edwin Wold	98	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
4cdd	Alvin Berg	160	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
4dda	Lars Oie	197	2	Dr	1938	0	.....	D,S	Sd	Qd	.....	
5ada	Edward Voegler	155	3	Dr	1959	0	.....	D,S	Sd	Qd	3,110	
6ada	Eldo Luebke	172	2	Dr	1942	12	.....	D,S	Gv	Qd	.....	
7ddd	Clarence Berg	169	3	Dr	1947	6	.....	D	Sd	Qd	.....	
8bbb	Robert Smedberg	250	2	Dr	1940	10	.....	D,S	Sd	Qd	.....	
8ccc	..do....	150	2	Dr	1950	12	.....	S	Sd	Qd	.....	
8dd	Frank Steger	161	2	Dr	....	10	.....	D,S	Sd	Qd	.....	
10bab	Dale DeVries	...	2	Dr	....	Flow	8-28-62	D	Sd	..	.....	
10dcc	Arthur Overby	275	2	Dr	1930	4	.....	D	Sd	Qd	2,680	
11ccc	Vacant School	135	2	Dr	1956	6	.....	U	..	Qd	.....	
11ddd	Anderson Estate	91	2	Dr	....	Flow	8-27-62	S	Sd	Qd	.....	
12cdc	J. A. Quamme	149	2	Dr	1956	4	.....	D,S	Sd	Qd	.....	
12dcc	Paul Quamme	136	2	Dr	1962	Flow	8-27-62	D,S	Gv	Qd	.....	Est. flow 7 gpm.
13bab	Andrew Quamme	150	2	Dr	1950	6	.....	D	Sd	Qd	.....	
14aab	Andrew Kielb	100	2	Dr	1951	0	.....	D,S	Sd	Qd	.....	
14bb	Harvey Kramer	94	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
14dba	Fritz Soule	287	2	Dr	....	Flow	8-27-62	S	Sd	Qd	.....	Est. flow 4 gpm.
15aba	Paul Syverson	140	3	Dr	....	Flow	8-27-62	D,S	Gv	Qd	.....	Est. flow 7 gpm.
15bcc	Almer Christensen	110	2	Dr	1950	6	.....	D,S	Gv	Qd	.....	
15cc	Paul H. Deson	138	2	Dr	....	2	.....	D,S	Sd	Qd	.....	
17ccd	Howard Hanson	200	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
19add	Wm. Bernard	210	2	Dr	1935	0	.....	D,S	..	Qd	3,550	
20ada	Hilda Hanson	158	2	Dr	1941	6	.....	D,S	..	Qd	.....	
20ccc	S. Heitkamp	250	2	Dr	1900	Flow	8-27-62	D,S	Sd	Qd	.....	Est. flow 8 gpm.
21cdc	Joe Pikarski	240	2	Dr	....	4	.....	D,S	Sd	Qd	.....	
22abc	Fritz Soule	160	2	Dr	1947	Flow	8-27-62	D,S	Gv	Qd	2,680	
23cda	Selmer Ness	165	2	Dr	1935	8	.....	D,S	Sd	Qd	.....	
23dcb	Art Ouren	240	2	Dr	1956	Flow	8-27-62	D,S	..	Qd	3,370	C, Est. flow 5 gpm.
24aaa	Manley Larson	125	2	Dr	....	10	.....	U	..	Qd	.....	
25baa	Rueben Laboda	90	3	Dr	....	Flow	4-10-62	D,S	..	Qd	.....	
25cdc	Gerald Olson, Jr.	68	2	Dr	1957	Flow	8-27-62	D,S	Sd	Qd	.....	
25daa	Selmer Johnson	128	2	Dr	....	Flow	8-27-62	D,S	Sd	Qd	3,280	
26ab	Sigral Christensen	68	2	Dr	....	Flow	4-10-62	D	..	Qd	.....	
26bab	Olaf Olson	125	2	Dr	1942	6	.....	D,S	Sd	Qd	.....	

87

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>133-49 (Cont.)</u>												
27bcb	Lawrence Pikarski	140	3	Dr	1927	2	.....	D,S	Sd	Qd	.....	
27daa	Stanley Kielb	110	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
28cdc	Joe Pelzl	140	2	Dr	....	Flow	8-27-62	D	..	Qd	.....	Est. flow $\frac{1}{2}$ gpm.
28ddc	Manford Olson	156	2	Dr	1928	0	.....	D,S	Sd	Qd	.....	
29cd	Lamoine Breuer	243	2	Dr	....	Flow	4-10-62	D	..	Qd	.....	
30cdc	Robert Krause	210	3	Dr	1941	Flow	8-28-62	D,S	Sd	Qd	.....	Est. flow 4 gpm.
31aba	Ralph Breuer	157	2	Dr	1960	Flow	8-28-62	D,S	Sd	Qd	3,500	Est. flow 3 gpm.
32aac	Lester Ward	156	3	Dr	....	Flow	8-28-62	D,S	..	Qd	.....	Est. flow 6 gpm.
32cdc	Harold Althoff	219	2	Dr	1952	Flow	8-28-62	D,S	Gv	Qd	.....	Est. flow 4 gpm.
32dcc	Vernon Althoff	140	2 $\frac{1}{2}$	Dr	1962	0	.....	D,S	Sd	Qd	.....	
33ded	Clifford Strandberg	23.2	3	..	....	3.0	8-29-62	0	..	Qd	.....	See table 2.
34bcb	Elizabeth Lenz	137	2	Dr	....	Flow	8-28-62	D,S	..	Qd	.....	
34ccc	Joe Borgen	130	2	Dr	....	Flow	4-30-62	D	..	Qd	.....	
34ddd	John Skadholt	221	2	Dr	1961	Flow	8-28-62	D,S	Sd	Qd	3,250	
35ab	Darrel Kurtz	400	3	Dr	....	Flow	4-30-62	D,S	Sd	Kd	.....	
35cc	Muehler Bros.	285	2	Dr	....	Flow	4-30-62	D,S	Sd	Qd	.....	
36aaa	Conrad Crogan	285	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
36bcb	Selmer Regsted	90	2	Dr	....	3	.....	D	..	Qd	.....	
64												
<u>133-50</u>												
1aaa	Darrel Boyer	17	2	..	....	....	.....	D	Sd	Qasd	.....	
2aab	Mrs. M. Swenson	172.8	2	Dr	....	18.0	8-29-62	0	Sd	Qd	.....	See table 2.
2cdd	Darrel Boyer	180	4	Dr	....	10	.....	D,S	Gv	Qd	.....	
3aab	George Erbes	190	3	Dr	1958	....	.....	D	Sd	Qd	.....	
3bba	Ardy Woodbury	403	2	Dr	1935	12	.....	D,S	Sd	Kd	3,320	
3ddc	Harold Langseth	220	2	Dr	....	5	.....	D,S	Sd	Qd	.....	
4ada	Edwin Kressin	200	2	Dr	1957	20	.....	D,S	Sd	Qd	.....	
4bbc	Mrs. Christine Heine	140	4	Dr	1952	....	.....	D	Sd	Qd	.....	
4ddd	John Heitkamp, Jr.	420	4	Dr	1942	20	.....	D,S	Sd	Kd	.....	
5bcc	Gail Metcalfe	520	3	Dr	1960	Flow	8-30-62	D,S	Sd	Kd	3,800	
5ddd	August Ehrens	210	2	Dr	....	10	.....	D,S	..	Qd	.....	
6aad	Gary Brosowske	525	3	Dr	....	15	.....	D,S	Sd	Kd	.....	
7ada	Paul Fasholz	478	3	Dr	1961	Flow	8-30-62	D,S	Sd	Kd	3,900	Est. flow 1 gpm.
7dad	Leland Muehlberg	529	2	Dr	1953	0	.....	D,S	Sd	Kd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>133-50 (Cont.)</u>												
8cdd	B. C. Williams	570	3	Dr	1930	0	.....	D,S	Sd	Kd	3,780	
9bbc	Laverne Kubasta	300	2	Dr	....	0	.....	D,S	Sd	Kd	3,760	
9cbb	Roy Ehlers	285	3	Dr	1952	8	.....	D,S	Sd	Kd	.....	
10ddd	P. A. Knoppy	175	2	Dr	1910	Flow	8-30-62	D,S	Gv	Qd	3,650	C
11cdd	Colin McDougall	220	2	Dr	....	10	.....	D	Gv	Qd	.....	
13dad	Manford Olson	261.2	2	Dr	....	10.3	8-30-62	O	..	Qd	991	See table 2.
14ada	Colin McDougall	220	2	Dr	....	8	.....	D,S	Gv	Qd	.....	
14cdd	Walter Muir	270	2	Dr	1942	10	.....	D,S	Sd	Qd	.....	
15add	Mrs. Harry Stone	189	2	Dr	1950	18	.....	D	..	Qd	.....	
15cbb	N. F. McLeod	410	2	Dr	1956	8	.....	D,S	..	Kd	3,320	
15dda	Robert Stone	180	2	Dr	....	10	.....	D,S	Gv	Qd	.....	
16bad	Carl Farup	300	2	Dr	1961	15	.....	D,S	Sd	Kd	.....	
16cac	Ralph Rice	312	2	Dr	1947	15	.....	D,S	Sd	Kd	3,380	
17aad	Arel Adams	285	3	Dr	1952	8	.....	D	Gv	Qd	.....	
17cbe	George Williams	212	2	Dr	....	30	.....	D	..	Qd	.....	
18bcc	Hanson Bros.	470	2	Dr	1961	20	.....	D,S	Sd	Kd	.....	
18dcc	Edwin Hanson	540	2	Dr	1925	Flow	8-30-62	D	Sd	Kd	4,230	
18ddd	Test hole 2194	262	5	Dr	1963	....	.....	T	..	..	.....	L
20aad	Lawrence Haberman	250	2	Dr	1961	80	.....	D,S	Sd	Qd	.....	
22ccd	Neil McDougall	170	2	Dr	1948	16	.....	D,S	Sd	Qd	.....	
22dcc	Harvey McDonald	150	2	Dr	1953	0	.....	D	Sd	Qd	3,560	
23abb	Robert Stone	340	2	Dr	1955	15	.....	D,S	Sd	Kd	.....	
24cdd	Albert Bahr	200	3	Dr	....	Flow	8-31-62	D,S	Sd	Qd	.....	
24ddc	Blake Tisdal	296	2	Dr	1952	Flow	8-31-62	D,S	Sd	Qd	3,400	
25add	Robert Veit	189	2	Dr	1951	Flow	8-31-62	D,S	Sd	Qd	.....	
26bcc	Laurence McKinnon	160	2	Dr	1960	16	.....	D,S	Gv	Qd	3,350	
26ccc	Richard Veit	162	2	Dr	1944	12	.....	D	Sd	Qd	.....	
26ddal	Arnold Veit	400	2	Dr	1900	3	.....	D	Sd	Kd	.....	
26dda2	..do....	137	2	Dr	....	20	.....	S	..	Qd	2,950	
27abb	Darwin Johnson	297	2	Dr	1926	4	.....	D,S	Sd	Qd	.....	
28aad	Fink Bros.	309	2	Dr	1955	0	.....	D	Sd	Kd	.....	
28ddd	Willard Mudhlberg	350	2	Dr	....	20	.....	S	Sd	Kd	.....	
29ada	Corwin Moffet	245	3	Dr	1929	100	.....	D,S	Sd	Qd	.....	
29dad	Walter Rudolph	260	3	Dr	1940	7	.....	D,S	Sd	Qd	3,420	
31cdd	Donald Hager	473	2	Dr	1956	150	.....	D,S	Sd	Kd	5,740	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>133-50 (Cont.)</u>												
31daa	Wm. Busch	34	4	Dr	1952	12	.....	D,S	Sd	Qasd	.....	
31dcb	Donald Hager	42	2	Dr	1963	8	.....	D,S	Sd	Qasd	.....	
32cdd	Carl Haberman	280	2	Dr	1947	20	.....	D,S	Sd	Qd	.....	
32ddd	Everett Rudolph	265	3	Dr	....	8	.....	D,S	Gv	Qd	.....	
33dcd	Carl Rudolph	31	2	Dr	1963	8	.....	S	Sd	Qasd	.....	
34aaa	Adolph Henkenius	150	2	Dr	....	12	.....	D,S	Gv	Qd	.....	
34ccd1	Carl Rudolph	56	2	Dr	....	20	.....	D	Sd	Qasd	.....	
34ccd2	..do....	28	2	Dr	1956	20	.....	S	Sd	Qasd	.....	
35cdd	Peter Trapp	170	2	Dr	1939	8	.....	D,S	Gv	Qd	.....	
36acd	Robert Breuer	200	2	Dr	1959	0	.....	D,S	..	Qd	.....	
36ccc	Russell Thiel	220	2	Dr	....	4	.....	D,S	..	Qd	.....	
36ddd	Ernest Huss	320	2	Dr	....	Flow	8-31-62	D,S	Sd	Kd	3,720	
<u>133-51</u>												
2cbb	Andrew Braaten	...	2	Dr	....	Flow	8-64	U	..	..	3,790	
2ddd	F. K. Arvis	...	2	Dr	....	Flow	8-64	U	..	..	.....	
3ccc1	Paul Drager	430	2	Dr	1935	0	.....	D,S	Sd	Kd	.....	
3ccc2	..do....	36	1 $\frac{1}{4}$	Dv	1935	0	.....	D,S	Sd	Qasd	.....	
4abb	Elvin Torgerson	30	1 $\frac{1}{4}$	Dv	....	20	.....	D,S	Sd	Qasd	.....	
5cdb1	Lloyd Opprud	28	1 $\frac{1}{2}$	Dv	1964	14	.....	S	Sd	Qasd	.....	
5cdb2	..do....	35	1 $\frac{1}{2}$	Dv	1960	.....	.....	D	Sd	Qasd	.....	
5cdd1	..do....	50	1 $\frac{1}{4}$	Dv	....	40	.....	U	Sd	Qasd	.....	
5cdd2	..do....	24	1 $\frac{1}{2}$	Dv	1957	.....	.....	S	Sd	Qasd	.....	
6ada	Ray Pinkham	26	1 $\frac{1}{4}$	Dv	....	12	.....	D,S	Sd	Qasd	1,310	
6cbc	Andrew Braaten	50	1 $\frac{1}{4}$	Dv	....	.....	.....	S	Sd	Qasd	.....	
6dad	Lloyd Snyder	18	1 $\frac{1}{4}$	Dv	....	14	.....	D,S	Sd	Qasd	.....	
7dec	Mrs. Vera Mathieson	20	1 $\frac{1}{4}$	Dv	....	.....	.....	D,S	Sd	Qasd	.....	
7ddc	Theo. Shorma	12	1 $\frac{1}{4}$	Dv	....	8	.....	S	Sd	Qasd	.....	
8ccc	..do....	23	1 $\frac{1}{4}$	Dv	....	8	.....	D,S	Sd	Qasd	.....	
9dbb	G. O. Sanden	100	4	Dr	....	.....	.....	D,S	..	Qasd	782	
11cbc	Kenneth Hoffert	90	2	Dr	....	10	.....	D,S	Sd	Qasd	.....	
12cbc	Elmer Hoffert	460	2	Dr	1939	Flow	8-64	D,S	Sd	Kd	3,860	
14ccc	McGreger Family	21.5	48	Du	....	14.9	10-18-47	U	Sd	Qasd	.....	
14ddd	Peter Lillestol	226	2	Dr	1917	Flow	8-64	D,S	Sd	Qd	.....	
15ccc	Olson Bros.	65	2	Dr	....	25	.....	D,S	Sd	Qasd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
133-51 (Cont.)												
17ddb	Tim Horak	45	2	Dr	1955	7	.....	S	..	Qasd	.....	
18abb1	Harold Mashek	20	1 $\frac{1}{4}$	Dv	1946	16	.....	D	Sd	Qasd	.....	
18abb2	..do....	20	1 $\frac{1}{4}$	Dv	1946	16	.....	S	Sd	Qasd	.....	
18acc	Eli Erickson	20	2	Dv	....	....	.....	U	Sd	Qasd	.....	
19dad	Peter Haugen	40	2	Dr	....	15	.....	D,S	Sd	Qasd	.....	
20aaa1	Tim Horak	45	2	Dr	1950	7	.....	S	..	Qasd	.....	
20aaa2	..do....	60	2	Dr	1955	7	.....	D,S	..	Qasd	.....	
20bbb	Test hole W-24 LR	77	4	Dr	1948	....	.....	T	..	....	.....	LW
20dbb1	Robert Johnson	81	..	Dr	1950	....	.....	D	..	Qasd	.....	
20dbb2	..do....	...	2	Dr	....	4.6	10-18-47	U	..	....	.....	
21aaa1	Test hole 2195	168	5	Dr	1963	....	.....	T	..	....	.....	L
21aaa2	Obs. well 2195 A	21	1 $\frac{1}{4}$	Dr	1963	4.5	10- 2-63	O	Sd	Qasd	.....	See table 2.
21ccd1	Joe Horak	500	2	Dr	1955	Flow	8-64	S	Sd	Kd	.....	
21ccd2	..do....	16	24	Du	....	14	.....	D,S	Sd	Qasd	.....	
22aaa1	Kermit Gilje	18	2	Dv	....	....	.....	D,S	Sd	Qasd	.....	
22aaa2	..do....	18	2	Dv	1960	....	.....	D,S	Sd	Qasd	.....	
22bcc	Albert Thompson	20	..	Dr	....	6	.....	D,S	Sd	Qasd	.....	
23dcc	Norman Krogness	503	2	Dr	1933	Flow	8-64	D,S	Sd	Kd	4,010	
24abb	John Score	460	2	Dr	1939	Flow	8-64	D,S	Sd	Kd	.....	
24baa	Andrew Braaten	400	2	Dr	....	Flow	8-64	D,S	Sd	Kd	.....	
24ccd	Carl Huseth	480	2	Dr	....	Flow	8-64	D,S	Sd	Kd	.....	
25ccc	Melvin Foertch	28	2	Dv	....	....	.....	D,S	Sd	Qasd	.....	
25ddb	H. G. Anderson	463	2	Dr	1933	Flow	8-64	D,S	Sd	Kd	4,320	
26bbc	Jerry David	500	2	Dr	....	Flow	8-64	D,S	Sd	Kd	.....	
27ccc	Stanley Blazek	25	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
27ddd	Lloyd Dahl	30	1 $\frac{1}{4}$	Dv	....	12	.....	D,S	Sd	Qasd	1,570	
28ccc	Test hole W-34 LR	27	4	Dr	1948	....	.....	T	..	....	.....	LW
28ddd	Test hole W-35 LR	37	4	Dr	1948	....	.....	T	..	....	.....	LW
29bbb	Test hole W-23 LR	82	4	Dr	1948	....	.....	T	..	....	.....	LW
29bcc	Carl Freybert	22	2	Dv	....	....	.....	D,S	Sd	Qasd	.....	
29cbb	Test hole W-37 LR	77	4	Dr	1948	....	.....	T	..	....	.....	LW
30add	Raymond Kelly	20	1 $\frac{1}{4}$	Dv	....	5.6	10-18-47	D,S	Sd	Qasd	.....	
31ddd	Test hole W-21 LR	67	4	Dr	1948	....	.....	T	..	....	.....	LW
32bbb	Test hole W-22 LR	82	4	Dr	1948	....	.....	T	..	....	.....	LW
32bcb	Test hole W-21	230	5	Dr	1948	....	.....	T	..	....	.....	LW

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>133-51</u> (Cont.)												
32cbb	Test hole W-36 LR	82	4	Dr	1948	....	.....	T	..	..	.....	LW
34aaa	Jim Shorma	22	1 $\frac{1}{2}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
35bbd	Lou Nagel	22	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	846	
35ddd	Wm. Buckholz	27	2	Dv	....	20	.....	D,S	Sd	Qasd	.....	
<u>133-52</u>												
2b	G. and M. Grain	525	2	Dr	....	Flow	8-64	S	Ss	Kd	.....	
4d	J. Waldron	20	..	Dv	....	....	.....	..	Sd	Qasd	.....	
13bcc	Lyle Mashek	35	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	1,530	
13ccc1	Test hole 2196	231	5	Dr	1963	....	.....	T	..	..	.....	L
13ccc2	Obs. well 2196A	63	1 $\frac{1}{4}$	Dr	1963	8.2	10- 3-62	O	Sd	Qasd	778	C, See table 2.
15b	Lutheran Brotherhood	24	..	Dv	1934	....	.....	..	Sd	Qasd	.....	
17ccc1	Test hole 2197	241	5	Dr	1963	....	.....	T	..	..	.....	L
17ccc2	Obs. well 2197A	53	1 $\frac{1}{4}$	Dr	1963	7.5	10- 3-62	O	Sd	Qasd	697	C, See table 2.
18c	Federal Land Bank	22	..	Dv	....	....	.....	..	Sd	Qasd	.....	
19bdb	Niels Chartson	16	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	754	
19cda	James Hlavnicka	16	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	1,950	
20bbc	Ed Bleyhl	20	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
21cdd1	Jack Griffin	16	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	1,530	
21cdd2	..do....	575	2	Dr	....	Flow	8-64	D,S	Ss	Kd	3,710	
22bda	Carl Duram	30	1 $\frac{1}{2}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
24ada	Everett Jones	28	1 $\frac{1}{2}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
24bbc	Dr. Lloyd Best	25	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
24ddc	Albert Jones	30	1 $\frac{1}{4}$	Dv	....	....	.....	U	Sd	Qasd	.....	
25bbd1	Frank Domm	18	1 $\frac{1}{4}$	Dv	1952	....	.....	D	Sd	Qasd	.....	
25bbd2	..do....	22	1 $\frac{1}{2}$	Dv	1949	....	.....	U	Sd	Qasd	.....	
25ddd	Test hole W-33 IR	62	4	Dr	1948	....	.....	T	..	..	.....	LW
26aab1	Stanley Holmstrom	28	2	Dv	....	....	.....	S	Sd	Qasd	.....	
26aab2	..do....	28	2	Dv	....	....	.....	D	Sd	Qasd	.....	
26baa	Frank Hlavnicka	25	1 $\frac{1}{4}$	Dr	....	....	.....	D,S	Sd	Qasd	.....	
26bba	..do....	565	2	Dv	....	Flow	8-64	U	Ss	Kd	.....	
26daa	Alfred Klamen	23	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
27aab	Harry King	25	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
28abb1	Raymond Griffin	22	1 $\frac{1}{4}$	Dv	1964	....	.....	D	Sd	Qasd	.....	
28abb2	..do....	500	3	Dr	1939	Flow	8-64	S	Ss	Kd	.....	



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>132-52 (Cont.)</u>												
29c	Oscar Dunham	583	2	Dr	....	Flow	8-64	U	Ss	Kd	.....	
30acc	A. Anderson	22	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
31aaa	Joe Staber	600	2	Dr	....	Flow	8-64	D,S	Ss	Kd	3,780	
31b	Joe Hintz	20	1 $\frac{1}{2}$	Dv	....	....	.....	U	Sd	Qasd	.....	
32aab	Dotzenrod Bros.	600	3	Dr	....	Flow	8-64	S	Ss	Kd	.....	
34b	Leroy Dinger	20	1 $\frac{1}{2}$	Dv	....	....	.....	S	Sd	Qasd	.....	
34cdd1	Test hole W-30 LR	57	4	Dr	1948	2.03	5- 26-62	T,O	Sd	Qasd	.....	LW, CW, Obs. well 1948-1963.
34cdd2	Obs. well 2198	52	1 $\frac{1}{4}$	Dr	1963	7.0	12- 3-63	O	Sd	Qasd	.....	Replaces W-30 LR as Obs. well; See table 2.
35cdd	Ronald Dinger	18	1 $\frac{1}{2}$	Dv	....	....	.....	...	..	Qasd	784	C
<u>134-48</u>												
5cde	E. B. Skamfer	150	2	Dr	1938	Flow	8-17-62	D,S	Sd	Qd	1,310	Est. flow 10 gpm.
5dad	Mrs. Carl Sitte	33.5	12	Dr	....	8.4	8-17-62	S,O	Sd	Qd	.....	
6aaa	Gordon Hendrickson	386	2	Dr	1957	0	.....	D,S	..	..	2,720	
7bcc	Victor Myhre	250	2	Dr	....	Flow	8-17-62	D,S	Sd	Qd	.....	Est. flow 2 gpm.
8ccc	Robert Zick	125	2	Dr	....	Flow	8-17-62	D,S	Sd	Qd	2,820	Est. flow 1 gpm.
8dac	Julius Borseth	60	3	Dr	1950	14	.....	D,S	Gv	Qd	.....	
9baa	Test hole 2309	326	5	Dr	1964	....	.....	T	..	..	.....	L
9dab	Gunness Bros.	390	2	Dr	....	Flow	8-17-62	D,S	..	..	1,380	C
9dd	..do....	300	2	Dr	....	Flow	8-17-62	D,S	..	..	.....	
10cd	Fritz Schnieder	370	2	Dr	....	Flow	8-17-62	D,S	..	..	.....	
15dcb	Arthur Schnieder	400	3	Dr	1960	0	.....	D,S	..	..	1,260	
16bbb	Gunness Bros.	85	2	Dr	....	Flow	8-17-62	D,S	Sd	Qd	.....	Est. flow $\frac{1}{2}$ gpm.
16cbc	Stanley Makes	200	2	Dr	1960	Flow	8-17-62	D,S	Sd	Qd	.....	Est. flow $\frac{1}{5}$ gpm.
17aad	Lodahl Bros.	80	2	Dr	1955	3	.....	D,S	Sd	Qd	.....	
17bbb	Palmer Tverdahl	175	2	Dr	1908	Flow	8-17-62	D,S	Sd	Qd	.....	
18abb	Emil Flaa	41.5	18	Dr	1908	7.9	8-17-62	S	Sd	Qd	.....	
18cc	Robert Strand	62	2	Dr	....	Flow	8-17-62	D,S	Sd	Qd	.....	
19bdb	John Oscarson	56	2	Dr	1956	16	.....	D,S	Sd	Qd	.....	
20add	Ivan Berg	70	2	Dr	1962	Flow	8-17-62	D	Sd	Qd	1,240	
20bbb	Lodahl Bros.	80	2	Dr	1910	Flow	8-17-62	S	Sd	Qd	.....	
21aaa	Olaf Berg	40	18	B	1946	20	.....	S	Sd	Qd	.....	
22aaa	Robert Zick	310	3	Dr	1948	Flow	8-17-62	D,S	..	..	1,640	
22cccl	Thomas K. Ostenson	292.2	2	Dr	....	5.0	5-29-64	O	..	..	.....	See table 2.
22ccc2	..do....	290.7	3	Dr	....	5.8	5-29-64	U	..	..	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>134-48 (Cont.)</u>												
23dca	Ludwig Tuna	425	2	Dr	1945	Flow	8-17-62	D,S	..	..	.....	Est. flow 3 gpm.
25ccb	Jim Walter	365	2	Dr	1952	Flow	8-17-62	D	..	..	.....	Est. flow 2 gpm.
26cda	Emila Srnka	352	2	Dr	1955	Flow	8-17-62	D,S	..	..	.....	Est. flow 1 gpm.
26dad	Alfred Srnka	117	2	Dr	1949	6	.....	D	Sd	Qd	.....	
27aaa	Herman Styt	273	2	Dr	1934	Flow	8-17-62	D,S	Sd	Qd	.....	
28abb	Mary M. O'Brien	328	2	Dr	1935	Flow	8-17-62	U	..	..	.....	
29bac	Toby Johnson	57	2	Dr	1961	8	.....	D,S	Sd	Qd	.....	
30aaa	Joey Rezac	97	3	Dr	....	0	.....	D	Sd	Qd	.....	
30ccc	Alfred Leland	84	2	Dr	....	Flow	8-21-63	D	Sd	Qd	.....	
30ddb	Oscar Folstad	97	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
31bab	Ed Wold	80	2	Dr	1957	3	.....	D,S	Sd	Qd	.....	
32daa	Leonard Flaa	72	2	Dr	1947	5	.....	D	Sd	Qd	1,480	
34add	Ralph Olson	78	2	Dr	1953	....	.....	D,S	Sd	Qd	.....	
35ddc	Herman Beyers	65	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
<u>134-49</u>												
1adb	Clarence Hermunslie	131	2	Dr	1949	9	.....	D,S	Gv	Qd	2,780	
1bdb	Jerome Adams	122	2 $\frac{1}{4}$	Dr	....	15	.....	D,S	Sd	Qd	.....	
2bac	Percy Strand	70	2	Dr	....	Flow	8-16-62	D,S	Sd	Qd	.....	
2cac	Ray Kinneberg	170	2	Dr	1958	Flow	8-16-62	D,S	Sd	Qd	.....	Est. flow 3 gpm.
2daa	Rostad Bros.	64	4	Dr	1957	7	.....	D	Sd	Qd	.....	
4cdd	Franklin Nelson	435	2	Dr	1960	Flow	8-16-62	D,S	Sd	Kd	.....	Est. flow 10 gpm.
5cdd	Test hole 2311	336	5	Dr	1964	....	.....	T	..	..	.....	L
6ddc	Archie Thoe	448	2	Dr	1960	Flow	8-16-62	D,S	Sd	Kd	3,570	Est. flow 9 gpm.
7cac	Merland Hendrickson	276	2	Dr	1935	2	.....	D,S	Sd	Qd	2,940	
8abb	Adolph Blumer	130	1 $\frac{1}{4}$	Dr	....	Flow	8-16-62	D,S	Sd	Qd	.....	Est. flow 5 gpm.
9bab	Dick Heyen	65	2	Dr	1935	6	.....	D,S	Gv	Qd	.....	
9ddd	R. C. Kinneberg	387	2	Dr	1957	Flow	8-16-62	D,S	Sd	Kd	3,680	Est. flow 16 gpm.
11aaa	Test hole 2312	357	5	Dr	1964	....	.....	T	..	..	.....	L
11ccd	Wallace Rustvang	75	2	Dr	1951	Flow	8-16-62	D,S	Sd	Qd	.....	
12aac	Harold Hermunslie	300	2	Dr	1948	Flow	8-16-62	D	Sd	Qd	.....	Est. flow 3 gpm.
12dcd	Maurice Myhre	370	2	Dr	....	Flow	8-16-62	D,S	Sd	Kd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
134-49 (Cont.)												
13bab	Henry Hendrickson	209	2	Dr	1953	Flow	8-16 62	D,S	Sd	Qd	.....	Est. flow 5 gpm.
13dac	Tom Hendrickson	300	2	Dr	1930	Flow	8-16-62	D,S	Sd	Qd	3,570	
14ba	Lee Bros.	300	2	Dr	....	Flow	8-16-62	U	Sd	Qd	.....	
16abb	Orlando Hermo	350	2	Dr	....	Flow	8-16-62	D,S	Sd	Kd	.....	
16ba	Christ Wold	109	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
17bbb	Howard Fox	160	2	Dr	1954	Flow	8-16-62	D,S	Sd	Qd	3,640	
17dcc	Kenneth Nash	188	2	Dr	....	Flow	8-16-62	D,S	Sd	Qd	.....	
18aaa	Engbretson Sisters	447	2	Dr	1925	Flow	8-16-62	D,S	Sd	Kd	3,640	
18bb	Albert Reno	168	2	Dr	....	4	.....	D,S	Gv	Qd	.....	
18ccb	Erwin Peterson	180	2	Dr	....	6	.....	D,S	Sd	Qd	.....	
18dd	H. A. Hendrickson	417	2	Dr	....	Flow	8-15-62	D,S	Sd	Kd	.....	
19add	Floyd Johnson	210	2	Dr	1945	0	.....	D,S	Sd	Qd	.....	
20bab	Ray Moen	96	2	Dr	1950	Flow	8-15-62	D	Gv	Qd	3,630	C
20daa	G. Bjerkgagen	447	2	Dr	1923	Flow	8-15-62	D,S	Sd	Kd	.....	
21bcb	Nels Moen	366	2	Dr	....	Flow	8-15-62	D	Sd	Kd	.....	
21cdd	Dullum Bros.	140	2	Dr	1936	Flow	8-15-62	D,S	Sd	Qd	.....	Est. flow 12 gpm.
23dcd	Ed Devries	65	2	Dr	....	Flow	8-15-62	D,S	Sd	Qd	.....	
24daa	Marvin Oscarson	285	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
26bab	Ernest Nash	84	2	Dr	....	Flow	8-15-62	D,S	Sd	Qd	.....	
26dad	Hans Syvertsen	100	2	Dr	....	8	.....	D,S	Sd	Qd	.....	
27aba	Alfred Lawrence	65	2	Dr	1947	Flow	8-15-62	D,S	Gv	Qd	3,410	Est. flow 10 gpm.
27ddc	Gorder Bros.	200	2	Dr	1960	Flow	8-15-62	D,S	Sd	Qd	.....	
28abb	Ole Dullum	105	2	Dr	1930	Flow	8-15-62	D,S	Sd	Qd	.....	Est. flow 5 gpm.
28cda	Ray Erbes	132	2	Dr	1950	6	.....	D,S	Gv	Qd	.....	
29aad	Harold Syvertsen	235	2	Dr	....	0	.....	D,S	Sd	Qd	.....	
29bcb	Henry Bjerkegen	418	2	Dr	1946	2	.....	D,S	Ss	Kd	3,680	
29ccc	Eddy Blilie	150	2	Dr	1944	6	.....	D,S	Sd	Qd	.....	
29ddd	Andrew Hendrickson	165	2	Dr	....	Flow	8-15-62	D,S	Sd	Qd	.....	
30aba	Arthur Johnson	18	2	Dr	1960	10	.....	D	Sd	Qasd	.....	
31add	A. Isackson	186	3	Dr	....	40	.....	U	Gv	Qd	.....	
31baa	Melvin Overby	14	1 $\frac{1}{4}$	Dv	1948	....	.....	U	Sd	Qasd	.....	
32aaa	Francis Erbes	200	3	Dr	1961	2	.....	D,S	Sd	Qd	.....	
32daa	Walter Loff	300	2	Dr	1957	Flow	8-15-62	D,S	Ss	Kd	3,550	
33baa	Edward Moen	200	2	Dr	1955	Flow	8-15-62	D,S	Gv	Qd	.....	
34abc	Duane Kurtz	400	2	Dr	....	Flow	8-15-62	D	Ss	Kd	.....	

56

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>134-49 (Cont.)</u>												
34ccd	Syver Wateland	404	1 $\frac{1}{4}$	Dr	1932	Flow	8-15-62	D	Ss	Kd	3,660	
34daa	Cecil Johnson	142	2	Dr	1955	Flow	8-15-62	D,S	Sd	Qd	.....	
35bba	I. C. Kurtz	90	2	Dr	1918	Flow	8-15-62	D,S	Sd	Qd	.....	Est. flow 2 gpm.
36aab	Ronald Minderman	140	2	Dr	1948	Flow	8-15-62	D,S	Sd	Qd	3,000	Est. flow 3 gpm.
36cbb	Louis Fixen	76	2	Dr	1958	Flow	8-15-62	D,S	Sd	Qd	.....	Est. flow 10 gpm.
36daa	Russel Olson	142	2	Dr	1952	0	8-15-62	D	Sd	Qd	.....	
<u>134-50</u>												
1bac	Ole Score	145	3	Dr	1920	20	.....	D,S	Sd	Qd	.....	
2baa	Ray Kummer	265	2	Dr	....	65	.....	D,S	Sd	Qd	3,320	
4aad	Gordon Olson	478	2	Dr	1954	40	.....	S	Gv	Kd	3,820	
4cab	Hudson Bros.	90	2	Dr	....	10	.....	S	Sd	Qasd	.....	
5cac	Karl Fahsholz	535	2	Dr	1957	12	.....	D	Ss	Kd	3,950	
5dad	Hjlmer Hendrickson	126	2	Dr	1961	18	.....	D	Sd	Qd	.....	
6ddc	Mrs. E. Anderson	538	2	Dr	1962	18	.....	D	Ss	Kd	.....	
7acd	Elwin Fahsholz	532	2	Dr	1958	1	.....	D,S	Ss	Kd	.....	
9bbb	Gilbert Kruse	100	2	Dr	1952	20	.....	S	Sd	Qasd	1,580	
9ddd	Thomas Frankl	25	1 $\frac{1}{4}$	Dv	....	2	.....	D,S	Sd	Qasd	.....	
10aaa	Gilbert Aarhus	13	2	Dv	1960	6	.....	D	Sd	Qasd	.....	
10daa	Ralph Waitman	15	1 $\frac{1}{4}$	Dv	1949	6	.....	D,S	Sd	Qasd	.....	
11bbb	Test hole 2310	515	5	Dr	1964	.....	.....	T	..	..	.....	
11dda	Lawren Hendrickson	164	2	Dr	1952	30	.....	D,S	Gv	Qd	.....	L
12bbc	Edwin Score	155	2	Dr	....	18	.....	D,S	Sd	Qd	.....	
12cbb	Betty Hendrickson	255	2	Dr	1910	15	.....	D,S	Sd	Qd	3,220	
13aba	Sophia Dichraff	158	2	Dr	1933	15	.....	D,S	Sd	Qd	.....	
17aba	Fred Hudson	90	2	Dr	....	20	.....	D,S	Sd	Qasd	.....	
18ccc	Robert Ewald	72	2	Dr	1960	12	.....	S	Sd	Qasd	.....	
19aaa	Gladys Thompson	528	2	Dr	1911	Flow	8-14-62	D,S	Sd	Kd	3,700	
19bbb	Harry Ewald	72	2	Dr	1930	8	.....	D,S	Sd	Qasd	.....	
20ada	Wm. Anderson	515	2	Dr	....	20	.....	D,S	Sd	Kd	.....	
20daa	Ray Anderson	100	2	Dr	1951	4	.....	D	Sd	Qasd	.....	
21ccd	George Pelvit	527	2	Dr	1953	22	.....	D,S	Sd	Kd	3,700	
22dda	Rueben Johnson	460	2	Dr	1935	16	.....	D,S	Sd	Kd	.....	
23ccc	Louis Aarhus	186	2	Dr	1942	8	.....	D,S	Sd	Qd	2,140	
24aaa	John Frankl	160	2	Dr	....	15	.....	D,S	Sd	Qd	.....	

57

L

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>134-50 (Cont.)</u>												
24dda	Merlyn Myers	275	2	Dr	1942	60	.....	D,S	Sd	Qd	.....	
25aab	Hilda Carlson	19	1 $\frac{1}{4}$	Dv	1957	7	.....	D	Sd	Qasd	1,980	
26aaa	L. A. Pennington	15	1 $\frac{1}{4}$	Dv	1943	.....	.....	D	Sd	Qasd	.....	
26bab	Henning Isackson	187	2	Dr	....	30	.....	D	Sd	Qd	.....	
27acc	John Kuruc	435	2	Dr	....	30	.....	D	Sd	Qd	.....	
28dda	Herman Brosowske	18	2	Dv	1955	10	.....	D	Sd	Qasd	.....	
30ccd	A. M. Lischefski	500	2	Dr	....	8	.....	D,S	Sd	Kd	3,710	
31cac	Warren Anderson	572	2	Dr	....	Flow	8-14-62	D,S	Ss	Kd	.....	
32bab	Clarence Kruse	490	2	Dr	1947	.....	.....	D,S	Sd	Kd	.....	
32cdc	E. Farup	550	2	Dr	1948	0	.....	D,S	Ss	Kd	.....	
33aaa	Test hole 2192	472	5	Dr	1963	.....	.....	T	..	..	.....	L
34cad	George Erbes	380	3	Dr	....	10	.....	D,S	Sd	Qd	.....	
36add	John Griffith	25	1 $\frac{1}{4}$	Dv	1932	10	.....	D	Sd	Qasd	2,640	C
<u>134-51</u>												
1dcc	Alfred Meslow	60	2	Dr	....	.....	.....	D	Sd	Qasd	1,230	
2adc1	Richard Anderson	50	2	Dr	....	.....	.....	D,S	Sd	Qasd	.....	
2adc2	..do....	25	1 $\frac{1}{4}$	Dv	....	.....	.....	S	Sd	Qasd	.....	
2bcc	Duane Thue	30	1 $\frac{1}{4}$	Dv	1949	.....	.....	D,S	Sd	Qasd	.....	
3cdd	Ed Spelhaug	65	1 $\frac{1}{4}$	..	....	.....	.....	D	Sd	Qasd	.....	
4aba	Boyd Braaten	29	1 $\frac{1}{4}$	Dv	1957	10	.....	D	Sd	Qasd	2,810	
5bcb1	Adeline Dorsch	60	2	Dr	....	.....	.....	S	Sd	Qasd	.....	
5bcb2	..do....	30	1 $\frac{1}{4}$	Dv	....	.....	.....	S	Sd	Qasd	.....	
6adb1	Andrew Hegseth	24	1 $\frac{1}{4}$	Dv	1940	.....	.....	D,S	Sd	Qasd	.....	
6adb2	..do....	35	1 $\frac{1}{4}$	Dv	....	.....	.....	S	Sd	Qasd	.....	
6cbd	S. A. Walberg	28	1 $\frac{1}{4}$	Dv	1930	10	.....	D,S	Sd	Qasd	.....	
8ccb1	Adin Helgesen	30	1 $\frac{1}{4}$	Dv	1960	7	.....	D,S	Sd	Qasd	.....	
8ccb2	..do....	30	1 $\frac{1}{4}$	Dv	....	7	.....	S	Sd	Qasd	.....	
9bbb1	Test hole 2187	200	5	Dr	1963	.....	.....	T	..	..	.....	L
9bbb2	Obs. well 2187A	60	1 $\frac{1}{4}$	Dr	1963	12.0	9-24-63	O	Sd	Qasd	1,059	C, See table 2.
10bcb	Skrukrud Bros.	30	1 $\frac{1}{4}$	Dv	....	10	.....	S	Sd	Qasd	2,030	
10ccd1	Delbert Jones	60	2	Dr	....	7	.....	D	Sd	Qasd	.....	
10ccd2	..do....	32	1 $\frac{1}{4}$	Dv	....	7	.....	S	Sd	Qasd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
134-51 (Cont.)												
11bcc1	Cleber Spelhaug	54	2	Dr	1957	....	.....	D	Sd	Qasd	.....	
11bcc2	..do....	30	1 1/4	Dv	....	....	.....	S	Sd	Qasd	.....	
12aaa	Test hole 2186	294	5	Dr	1963	....	.....	T	..	....	.....	L
12abb	Eugene Meslow	55	1 1/4	Dv	1948	25	.....	D	Sd	Qasd	.....	
12a	Marvin Kensingen	630	..	Dv	....	....	.....	D,S	Ss	Kd	.....	
12bab	Flaa Bros.	34	1 1/4	Dv	1955	....	.....	D	Sd	Qasd	.....	
14aba1	Halver Hanson	50	1 1/4	Dv	1958	....	.....	D	Sd	Qasd	3,250	
14aba2	..do....	50	1 1/4	Dv	....	....	.....	S	Sd	Qasd	.....	
14cbb1	Lars Hegseth	55	1 1/4	Dv	1960	....	.....	D	Sd	Qasd	.....	
14cbb2	..do....	50	1 1/4	Dv	....	....	.....	S	Sd	Qasd	.....	
18ccd1	Kenneth Braaten	32	1 1/4	Dv	1954	6	.....	D	Sd	Qasd	1,020	
18ccd2	..do....	32	1 1/4	Dv	....	6	.....	S	Sd	Qasd	.....	
18ddd1	Hazel Haugen	25	1 1/4	Dv	1945	....	.....	D	Sd	Qasd	.....	
18ddd2	..do....	40	1 1/4	Dv	....	....	.....	S	Sd	Qasd	.....	
19ddb	Duane Varnes	20	1 1/4	Dv	1946	....	.....	D	Sd	Qasd	.....	
20aad1	Carl Borchardt	36	1 1/4	Dv	1962	....	.....	D,S	Sd	Qasd	.....	
20aad2	..do....	...	2	Dr	....	Flow	8-13-62	...	..	....	.....	
20bac	Oscar Haugen	35	1 1/4	Dv	1947	....	.....	D	Sd	Qasd	.....	
20ccd	Erie Sire	30	1 1/4	Dv	1945	....	.....	D	Sd	Qasd	745	
22bcc	Clarence Kruse	522	2	Dr	1947	Flow	8-14-62	S	Ss	Kd	3,940	
23bbb	Alfred Flagstad	50	1 1/4	Dr	1945	6	.....	D,S	Sd	Qasd	949	
25cac	Marvin Mindeman	90	2	Dr	1942	6	.....	D,S	Sd	Qasd	.....	
25dca	August Mindeman	90	2	Dr	1949	....	.....	D	Sd	Qasd	.....	
26ada	Earl Wasvick	73	2	Dr	1940	12	.....	D,S	Sd	Qasd	806	C
26cca	Olaf Hegseth	557	2	Dr	1962	Flow	8-10-62	D,S	Ss	Kd	.....	Est. flow 2 gpm.
26ddd	Test hole 2193	315	5	Dr	1963	....	.....	T	..	....	.....	L
27baa1	Norris Braaten	40	1 1/4	Dv	1930	....	.....	D	Sd	Qasd	.....	
27baa2	..do....	60	..	..	....	....	.....	S	Sd	Qasd	.....	
28bba1	John Carlson	90	2	Dr	1953	....	.....	D	Sd	Qasd	.....	
28bba2	..do....	600	..	..	....	Flow	8-10-62	S	Ss	Kd	.....	
28ccb	Alvin Breden	50	1 1/4	Dv	1949	....	.....	D	Sd	Qasd	1,440	
28dbc	Leonard Wasvick	...	..	Dr	....	Flow	8-10-62	S	Sd	....	.....	
29aac	Manford Spelhaug	55	2	Dr	1949	15	.....	D	Sd	Qasd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
134-51 (Cont.)												
29bba	Conrad Sanden	57	4	Dr	1953	10	.....	D	Sd	Qasd	.....	
29ccc1	Test hole 2191	283	5	Dr	1963	.....	.....	T	..	.....	.....	L
29ccc2	Obs. well 2191A	52	1 $\frac{1}{4}$	Dr	1963	5.3	10- 1-63	O	Sd	Qasd	618	C, See table 2.
30add	John Odegaard	33	1 $\frac{1}{4}$	Dv	1950	.....	.....	D	Sd	Qasd	.....	
31adb	Randolph Halverson	30	1 $\frac{1}{4}$	Dv	1930	.....	.....	D	Sd	Qasd	479	
32aaa	Olaf Odegaard	32	1 $\frac{1}{4}$	Dv	1947	5	.....	D	Sd	Qasd	.....	
32daa	Merlin Peterson	63	2	Dr	1958	16	.....	D	Sd	Qasd	.....	
36baa	Quentin Boyer	550	2	Dr	....	....	.....	D,S	Sd	Kd	.....	
134-52												
1ccb1	Harry Huseth	32	1 $\frac{1}{4}$	Dv	1949	11	.....	D	Sd	Qasd	.....	
1ccb2	..do....	34	1 $\frac{1}{4}$	Dv	....	11	.....	S	Sd	Qasd	.....	
2abd	Gilman Broslin	16	1 $\frac{1}{4}$	Dv	....	8	.....	D,S	Sd	Qasd	.....	
2ccd	Hugo Frisk	30	1 $\frac{1}{4}$	Dv	1959	8	.....	D	Sd	Qasd	814	
2cdd	Oscar Gulland	456	1 $\frac{1}{4}$	Dr	....	Flow	5-22-62	S	Ss	Kd	.....	
3ddd1	Test hole 2184	294	5	Dr	1963	.....	.....	T	..	.....	.....	L
3ddd2	Obs. well 2184A	50	1 $\frac{1}{4}$	Dr	1963	4.1	9-24-63	O	Sd	Qasd	730	C, See table 2.
6ccd1	Test hole 2183	283	5	Dr	1963	.....	.....	T	..	.....	.....	L
6ccd2	Obs. well 2183A	40	4	Dr	1963	4.8	9-24-63	O	Sd	Qasd	.....	See table 2.
9dad	Peter Huseth	32	1 $\frac{1}{4}$	Dv	1955	7	.....	D	Sd	Qasd	1,470	
10bba	..do....	30	1 $\frac{1}{4}$	Dv	1943	7	.....	D	Sd	Qasd	.....	
11bab	Kenneth Kjar	18	1 $\frac{1}{4}$	Dv	1940	8	.....	D	Sd	Qasd	.....	
12abb	Byron Rossum	20	1 $\frac{1}{4}$	Dv	1945	7	.....	D	Sd	Qasd	987	
12bbb	Harold Huseth	16	1 $\frac{1}{4}$	Dv	1962	.....	.....	D	Sd	Qasd	.....	
12ccb	Oscar Versdahl	36	1 $\frac{1}{4}$	Dv	1961	10	.....	D	Sd	Qasd	1,560	
12add	Clarence Jordheim	23	1 $\frac{1}{4}$	Dv	....	7	.....	D,S	Sd	Qasd	.....	
14bbb	Norman Huseth	50	2	Dr	....	10	.....	D,S	Sd	Qasd	.....	
14dbb	Walter Raeder	22	1 $\frac{1}{4}$	Dv	....	7	.....	D	Sd	Qasd	1,250	
17aad	Inge Vafed	14	1 $\frac{1}{4}$	Dv	....	10	.....	D	Sd	Qasd	1,300	
20dda	John Carlson	25	1 $\frac{1}{4}$	Dv	1948	10	.....	D	Sd	Qasd	728	
23cdc	S. A. Jordheim	700	2	Dr	1935	Flow	8- 9-62	S	Ss	Kd	3,860	
25bcb	Ernest Kjar	21	1 $\frac{1}{4}$	Dv	....	6	.....	D	Sd	Qasd	971	
26bab	S. A. Jordheim	22	1 $\frac{1}{4}$	Dv	1959	12	.....	D	Sd	Qasd	.....	
27ccc1	Test hole 2190	189	5	Dr	1963	.....	.....	T	..	.....	.....	L
27ccc2	Obs. well 2190A	63	1 $\frac{1}{4}$	Dr	1963	5.9	9-27-63	O	Sd	Qasd	.....	See table 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>134-52 (Cont.)</u>												
28bac	Alfred Svenddal	35	1 $\frac{1}{4}$	Dv	1950	10	.....	D	Sd	Qasd	.....	
29ddc1	Oscar Thompson	20	1 $\frac{1}{4}$	Dv	....	8	.....	D	Sd	Qasd	703	
29ddc2	..do....	550	2	Dr	....	Flow	8- 9-62	D,S	Ss	Kd	.....	
31bbb1	Test hole 2189	273	5	Dr	1963	....	.....	T	...	....	.....	
31bbb2	Obs. well 2189A	63	1 $\frac{1}{4}$	Dr	1963	6.5	.....	O	Sd	Qasd	706	L
36ccc	Oliver Braaten	25	1 $\frac{1}{4}$	Dv	1945	9	.....	D	Sd	Qasd	515	C; See table 2
<u>135-48</u>												
6ada	P. M. Peterson	190	4	Dr	1954	90	.....	D,S	Sd	Qd	1,070	
6bab	Carl R. Skoog	77	4	Dr	1958	28	.....	D,S	Gv	Qd	.....	
7abc	Elmer Normberg	90	3	Dr	1910	30	.....	D,S	Sd	Qd	.....	
7cdd	Kragness Bros.	120	3	Dr	1952	10	.....	D,S	Sd	Qd	.....	
8adc	Oscar Borseth	130	3	Dr	1929	20	.....	D,S	Sd	Qd	.....	
8caa	Christ Morken	110	3	Dr	1960	10	.....	D,S	Gv	Qd	.....	
17aca	John Berseth	154	3	Dr	....	20	.....	D	..	Qd	.....	
18bba	Sanford Berseth	79	3	Dr	....	20	.....	D	Gv	Qd	926	
18ccc	Christian Bevre	126	3	Dr	1890	14	.....	D,S	Sd	Qd	.....	
19bbc	Alden Kragness	130	3	Dr	1928	22	.....	D	Sd	Qd	.....	
19ddd	Ole Jacobson	75	3	Dr	1934	20	.....	D,S	Sd	Qd	1,530	C
20bab	Edward Bolme	172	4	Dr	1900	25	.....	D	Sd	Qd	.....	
20ccb	Wm. Bolme	79	3	Dr	1959	20	.....	D,S	Sd	Qd	.....	
29ddd	Mrs. J. Bautiette	300	2	Dr	1954	....	.....	D	..	..	.....	
30ccc	Mrs. Evelyn Strand	95	3	Dr	1951	30	.....	D,S	Sd	Qd	.....	
31dcd	Thomas Voyer	100	3	Dr	1890	....	.....	D,S	Sd	Qd	.....	
33ad	Alden Bevre	165	2	Dr	1953	23	.....	D,S	Sd	Qd	1,380	
<u>135-49</u>												
1cbb	Robert Hove	60	3	Dr	1920	16	.....	D	Sd	Qd	.....	
2abb	Leonard Foss	94	2	Dr	1908	22	.....	D,S	Sd	Qd	1,090	
2dcc	Robert Kragness	80	3	Dr	1955	25	.....	D	Sd	Qd	.....	
3dcd	Birger Moe	120	3	Dr	....	15	.....	D,S	Sd	Qd	.....	
4add	Arlo Selstedt	265	3	Dr	....	20	.....	D	Sd	Qd	1,900	
4bab	Carl Erickson	91	2	Dr	....	25	.....	D,S	Sd	Qd	.....	



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
135-49(Cont.)												
4cab	Edwin Stubson	125	2	Dr	1952	20	.....	D,S	Sd	Qd	.....	
6bdb	Wade Farsdale	360	3	Dr	1949	9	.....	D,S	Sd	Kd	2,800	
6ccd	Clarence Carlson	117	2	Dr	1940	14	.....	U	Gv	Qd	.....	
7bcb	John Thompson	136	3	Dr	1959	1	.....	D,S	Gv	Qd	.....	
8bdb	Oscar Miller	135	3	Dr	1930	20	.....	D	Sd	Qd	.....	
8cdb	Hilda Johnson	165	3	Dr	1927	Flow	8- 2-62	D,S	Sd	Qd	2,600	Est. flow 7 gpm.
9abb	Marvin Skarvold	118	3	Dr	....	20	.....	D,S	Sd	Qd	.....	
9cdc	Mrs. Ida Myhre	127	2	Dr	....	Flow	8- 2-62	D	Sd	Qd	.....	
9dda	Ingewald Wold	248	2	Dr	1928	Flow	8- 2-62	D,S	Sd	Kd(?)	2,970	Est. flow 35 gpm.
10aac	Eddie Ulven	92	3	Dr	1890	6	.....	D,S	Sd	Qd	.....	
11aab	Kragness Bros.	75	3	Dr	....	19	.....	D,S	Gv	Qd	.....	
11cdb	Alfred Franholt	120	3	Dr	1942	30	.....	D,S	Sd	Qd	.....	
13dcb	Walter Hulne	90	4	Dr	....	25	.....	D,S	Sd	Qd	1,490	
14bac	Herman Berseth	76	3	Dr	1949	10	.....	S	Sd	Qd	.....	
14dab	Oscar Voyen	90	3	Dr	1925	30	.....	D,S	Sd	Qd	.....	
15abb	Gauslow Bros.	386	3	Dr	1928	10	.....	D	..	..	2,180	C
15ddc	Oscar Hackey	90	3	Dr	1950	5	.....	D,S	Sd,Gv	Qd	.....	
16cdc	Ingman Rostad	85	3	Dr	1952	Flow	8- 1-62	D,S	Sd	Qd	.....	Est. flow 12 gpm.
17abd	Johnson Estate	80	3	Dr	....	20	.....	D	Sd	Qd	.....	
17bab	Inga Elton	115	3	Dr	1890	Flow	8- 2-62	D	Sd	Qd	.....	
17d	Hilda Johnson	100	3	Dr	....	Flow	4- 5-62	S	Sd	Qd	.....	
18bbb	Maurice Hackey	140	4	Dr	....	4	.....	D,S	Sd	Qd	.....	
18cbd	Carl Casperson	139	3	Dr	....	0	.....	D,S	Sd	Qd	.....	
18dda	Ester L. Wold	149	..	Dr	1947	4	.....	D,S	Sd	Qd	.....	
19daa	Clayton Lee	97	3	Dr	1951	Flow	8- 2-62	D,S	Sd	Qd	2,770	Est. flow 1 gpm.
20cab	M. C. Heglie	230	2	Dr	1942	Flow	8- 2-62	D,S	Sd	Qd	.....	
20ddc	Alvin Christenson	90	3	Dr	....	5	.....	D,S	Sd	Qd	.....	
21daa	Nelius Hatlie	339	2	Dr	1942	Flow	8- 2-62	D,S	Sd	Kd	3,890	
22cbb	Edwin Hage	233	3	Dr	1960	0	.....	D,S	Sd	Qd	2,180	
23ada	Grunwald Jacobsen	50	16	Du	1890	14	.....	D,S	Sd	Qd	.....	
24bcd	Clarence Hulne	96	3	Dr	....	35	.....	D,S	Sd	Qd	.....	
25bdc	Oliver Hagen	59	3	Dr	1954	20	.....	D	Sd	Qd	1,850	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>135-49 (Cont.)</u>												
25cdb	Carl Leer	115	3	Dr	1937	40	.....	D,S	Sd	Qd	.....	
26bcc	Leif Gylland	147	2	Dr	1950	Flow	8- 1-62	D,S	Sd	Qd	3,420	Est. flow 5 gpm.
27daa	Sanford Gylland	129	2	Dr	1947	Flow	8- 1-62	D,S	Sd	Qd	.....	Est. flow $\frac{1}{2}$ gpm.
28bca	George Nelson	300	2	Dr	1930	Flow	8- 1-62	D,S	Sd,Gv	Qd	.....	
29dcc	Carnel Sokness	115	2	Dr	1952	Flow	8- 1-62	D	Sd	Qd	.....	Est. flow 3 gpm.
30cdd	Maurice Hammer	100	2	Dr	1946	Flow	8- 1-62	D,S	Gv	Qd	3,220	C, Est. flow 5 gpm.
30dab	John Ista	130	2	Dr	....	Flow	8- 1-62	D,S	Gv	Qd	.....	
30dda	Ethel House	90	2	Dr	1961	Flow	8- 1-62	D,S	Gv	Qd	.....	
32abb	Richard Ista	90	2	Dr	....	Flow	8- 1-62	D,S	Sd	Qd	.....	
33abal	Edward Kummer	342	2	Dr	1950	Flow	8- 1-62	D,S	Sd	Kd	2,760	
33aba2	..do....	130	2	Dr	....	Flow	5- 9-62	S	Sd	Qd	.....	
34abb	Wallace Wein	228	2	Dr	1950	Flow	8- 1-62	D,S	Gv	Qd	.....	
34bcb	Franklin Nelson	65	3	Dr	1962	Flow	8- 1-62	D,S	Sd	Qd	.....	
35abb	Oscar Gylland	105	3	Dr	1940	Flow	8- 1-62	D,S	Gv	Qd	.....	Est. flow 8 gpm.
36aab	Clarence Amundsen	121	3	Dr	1940	....	.....	D,S	Sd	Qd	.....	
36cdc	Gust Johnson	115	2	Dr	1929	20	.....	D	Sd	Qd	.....	
36ddd	Bernard Larson	80	16	Dr	1908	12	.....	D	Gv	Qd	.....	
<u>135-50</u>												
2aab	Martin Heyen	142	3	Dr	....	15	.....	D,S	Gv	Qd	.....	
3aaa	Adam Rieger	14	48	Du	1920	7	.....	D	..	Qasd	2,020	
4aba	Helmer Lynnes	10	1 $\frac{1}{4}$	Dv	1952	7	.....	D	Sd	Qasd	506	
5acc	Newman Bakko	28	36	B	1957	10	.....	D,S	Sd	Qasd	1,760	
5cdc	Leslie Rieger	45	5	Dr	....	.....	.....	D,S	Sd	Qasd	.....	
6abb	Orvin Olsgard	160	2	Dr	....	10	.....	D,S	Gv	Qd	.....	
6adb	Arthur Christianson	65	4	Dr	....	19	.....	D,S	Sd	Qasd	.....	
7bba	Nile Bakko	60	3	Dr	1955	10	.....	D	Sd	Qasd	577	
8aaa	L. Christianson	85	3	Dr	1955	10	.....	D	Sd	Qasd	.....	
8bab	Harry Smith	80	3	Dr	1950	71	.....	D,S	Sd	Qasd	.....	
9cc	Leslie Rieger	70	2	Dr	....	10	.....	S	Sd	Qasd	.....	
10dd	Glen Ista	185	2	Dr	....	10	.....	S	Sd,Gv	Qd	.....	
11bb	Eugene Childs	90	3	Dr	....	10	.....	S	Sd	Qasd	.....	
12abb	Jerome Thompson	129	2	Dr	1961	Flow	8- 2-62	D,S	Sd	Qd	.....	

63

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	135-50 (Cont.)												
	12cab	John Ista	80	3	Dr	....	0	.....	S	Sd	Qasd	.....	
	13abb	Margie Folstad	171	2	Dr	1960	18	.....	D,S	Sd	Qd	.....	
	15bbb	Adam Rieger	76	2	Dr	1947	10	.....	D,S	Sd	Qasd	.....	
	16dba	Leo Rieger	50	2	Dr	1952	15	.....	D	Sd	Qasd	1,300	
	17bcc	Kenneth Boyer	60	2	Dr	....	10	.....	D	Sd	Qasd	.....	
	17dad	W. C. Boyer	80	2	Dr	1958	10	.....	D,S	Sd	Qasd	.....	
	18aba	Delton Boyer	60	2	Dr	1960	9	.....	D,S	Sd	Qasd	.....	
	18acd	Donald Kub	84	2½	Dr	1956	3	.....	D,S	Sd	Qasd	719	
	19ada	Betty Haverland	50	3	Dr	1960	2	.....	D,S	Sd	Qasd	.....	
	20cdc	George Haverland	50	2	Dr	....	10	.....	D	Sd	Qasd	.....	
	21abd	Fred Ista	78	2	Dr	1958	8	.....	D,S	Sd	Qasd	.....	
	22baa	Harold Blumer	65	2	Dr	1962	10	.....	D	Sd	Qasd	1,080	
	22dcc	Glenn Ista	200	3	Dr	....	10	.....	D,S	Sd	Qasd	.....	
	23aac	Boyer Bros.	170	2	Dr	1952	10	.....	S	Gv	Qd	.....	
	24dbc	Kenneth Boyer	140	2	Dr	....	Flow	4-11-62	S	Sd, Gv	Qd	.....	
	25dd	Gylland Bros.	225	3	Dr	....	Flow	4-27-62	S	Sd, Gv	Qd	.....	
	26cdc	Mrs. Glen Kurth	100	2	Dr	....	20	.....	D,S	Sd	Qasd	.....	
	27ccb	Ailan Ista	80	2	Dr	1910	10	.....	D,S	Sd	Qasd	.....	
	27aba	Alvin Blumer	194	3	Dr	1942	18	.....	D,S	Sd	Qd	.....	
	28aba	George Ista, Jr.	56	2	Dr	1946	6	.....	D,S	Sd	Qasd	.....	
	28cda	Wayne Haverland	70	2	Dr	1946	15	.....	D,S	Sd	Qasd	.....	
	29aba	Wiley Rieger	45	2	Dr	1951	10	.....	D	Sd	Qasd	2,530	
	30cad	John Hudson	55	2	Dr	1955	8	.....	D	Sd	Qasd	1,930	
	32baa	Hudson Bros.	80	2	Dr	....	10	.....	D,S	Sd	Qasd	.....	
	33aaa	Donald Kummer	323	4	Dr	1960	48	.....	D,S	Gv	Qd	.....	
	33bc	Orvin Olgaard	230	3	Dr	....	10	.....	S	Gv	Qd	.....	
	33dbc	Ailan Forness	90	2	Dr	1951	20	.....	D	Sd	Qasd	.....	
	34ada	Eugene Childs	265	3	Dr	1950	10	.....	D,S	Sd	Qd	.....	
	34ddd	Oscar Fisk	208	3	Dr	1942	40	.....	D,S	Sd, Gv	Qd	1,470	
	36aaa	Martin Helgeson	215	3	Dr	1940	Flow	8- 3-62	D,S	Sd	Qd	.....	

19

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>135-51</u>												
2aaa	C. H. Christenson	55	2	Dr	1952	20	.....	D,S	Sd	Qasd	741	
2cdc	Conrad Jordheim	50	2	Dv	....	8	.....	D	Sd	Qasd	.....	
3baa	Oscar Rockstad	90	2	Dr	1959	30	.....	D	Sd	Qasd	681	
3dcc	Russell Nelson	70	1 $\frac{1}{4}$	Dv	1929	12	.....	D,S	Sd	Qasd	.....	
4bad	Elder Helling	95	2	Dr	1940	.....	.....	D,S	Sd	Qasd	.....	
4ccc1	Test hole 2182	347	5	Dr	1963	.....	.....	T	..	....	.....	L
4ccc2	Obs. well 2182A	83	1 $\frac{1}{4}$	Dr	1963	18.0	9-18-63	O	Sd	Qasd	.....	See table 2.
5aaa	Ole Alsager	93	2	Dr	1940	20	.....	D,S	Sd	Qasd	1,220	
10ada	Randolph Jordheim	60	1 $\frac{1}{4}$	Dv	1949	10	.....	D	Sd	Qasd	.....	
10daa	Norman Jordheim	45	1 $\frac{1}{4}$	Dv	1954	8	.....	D	Sd	Qasd	767	
11cbb	Selmer Jordheim	34	4	Dr	1959	8	.....	D	Sd	Qasd	.....	
12aaa1	Siguard Walberg	62	1 $\frac{1}{4}$	Dv	1925	7	.....	D,S	Sd	Qasd	411	
12aaa2	Lloyd Walberg	35	1 $\frac{1}{4}$	Dv	1960	8	.....	D	Sd	Qasd	.....	
12cdd	Jeryl Childs	40	1 $\frac{1}{4}$	Dv	1952	.....	.....	D	Sd	Qasd	.....	
13ccd	Helmer Thompson	30	1 $\frac{1}{4}$	Dv	1957	.....	.....	D	Sd	Qasd	983	
14aac	Ted Jordheim	45	1 $\frac{1}{4}$	Dv	1950	20	.....	D	Sd	Qasd	.....	
14ddd	T. Trove	23	1 $\frac{1}{4}$	Dv	....	7	.....	D	Sd	Qasd	.....	
15aaa	Harold Jordheim	50	1 $\frac{1}{4}$	Dv	1958	8	.....	D	Sd	Qasd	.....	
15cdb	Selmer Lee	45	1 $\frac{1}{4}$	Dv	1962	8	.....	D	Sd	Qasd	1,060	
22add	Joseph Thompson	45	1 $\frac{1}{4}$	Dv	1915	10	.....	S	Sd	Qasd	.....	
22dcd	Trove Bros.	40	4	Dr	1955	10	.....	D	Sd	Qasd	792	
23aaa1	Test hole 2188	420	5	Dr	1963	.....	.....	T	..	....	.....	L
23aaa2	Obs. well 2188A	59	1 $\frac{1}{4}$	Dr	1963	5.7	9-24-63	O	Sd	Qasd	645	C, See table 2.
24aaa	Lloyd Walberg	45	1 $\frac{1}{4}$	Dv	....	9	.....	D	Sd	Qasd	.....	
24cdb	Joseph Lee	50	2	Dr	1949	8	.....	D	Sd	Qasd	2,120	
28bbb	Peter Johnson	50	1 $\frac{1}{4}$	Dv	....	.....	.....	D,S	Sd	Qasd	.....	
28cbc	Leroy Thompson	30	1 $\frac{1}{4}$	Dv	1957	4	.....	D,S	Sd	Qasd	1,680	
28dbc	George Thompson	20	1 $\frac{1}{4}$	Dv	1949	8	.....	D	Sd	Qasd	.....	
29ada	Jay Thompson	30	1 $\frac{1}{4}$	Dv	1961	6	.....	D	Sd	Qasd	.....	
30adb	Thorvald Bros.	42	1 $\frac{1}{4}$	Dr	1947	6	.....	S	Sd	Qasd	.....	
30dcb	Reinhold Hegseth	50	1 $\frac{1}{4}$	Dv	1959	.....	.....	D	Sd	Qasd	995	
32aaa	Joe Breden	45	1 $\frac{1}{4}$	Dv	1940	6	.....	D,S	Sd	Qasd	.....	
32dac	Olaf Breden	33	1 $\frac{1}{4}$	Dv	1962	5	.....	D	Sd	Qasd	856	
33aba	James Anderson	38	1 $\frac{1}{4}$	Dv	....	10	.....	D	Sd	Qasd	.....	
35ccb	Rudy Chapa	24	1 $\frac{1}{4}$	Dv	....	5	.....	D	Sd	Qasd	.....	
36a	Hudson Bros.	60	2	Dr	....	10	.....	S	Sd	Qasd	.....	
36b	C. Johnson	48	2	Dr	....	10	.....	D	Sd	Qasd	.....	

59

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>135-52</u>												
2abb	Sam Vangness	35	1 $\frac{1}{4}$	Dv	1940	13	.....	S	Sd	Qasd	625	
2dcb	..do....	...	..	Sp	....	Flow	8- 8-62	S	..	....	....	
3aca	F. T. Solhjem	30	1 $\frac{1}{4}$	Dv	....	15	.....	D	Sd	Qasd	....	
3acd	..do....	...	..	Sp	....	Flow	8- 8-62	S	..	....	....	
3ccb	Harry Solhjem	40	1 $\frac{1}{4}$	Dv	1960	24	.....	D	Sd	Qasd	....	
4aaa	Maynard Bjerke	35	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	635	
4add	James Liedahl	45	2	Dr	1958	10	.....	D,S	Sd	Qasd	....	
6cac	Alden Johnson	30	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	400	
7bbc1	Test hole 2181	273	5	Dr	1963	....	.....	T	..	....	....	
7bbc2	Obs. well 2181A	63	1 $\frac{1}{4}$	Dr	1963	2.0	9-18-63	O	Sd	Qasd	....	L See table 2.
7daa1	Floyd Monteith	60	24	B	1952	10	.....	S	Sd	Qasd	364	
7daa2	..do....	12	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	....	
10aca1	Test hole 2180	294	5	Dr	1963	10.8	9-18-63	T,O	Gv	Qd	4,865	L, C, Obs. well 240 ft.; See table 2.
10aca2	Obs. well 2180A	38	4	Dr	1963	8.3	9-18-63	O	Sd	Qasd	....	See table 2.
14cbb	Roger Herbranson	28	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	482	
15cdc	Herbert Woodbury	40	5	Dr	1961	8	.....	D	Sd	Qasd	....	
21ccc	Test hole 2185	110	5	Dr	1963	5.4	9-24-63	T,O	Sd	Qasd	....	L, Obs. well 50 ft.; See table 2.
22aad	Stanley Herbranson	28	1 $\frac{1}{4}$	Dv	1961	12	.....	D	Sd	Qasd	....	
22ccd	John Gulland	15	1 $\frac{1}{4}$	Dv	1943	5	.....	D	Sd	Qasd	1,030	
22dcc	Carl Knutson	22	1 $\frac{1}{4}$	Dv	1948	10	.....	D	Sd	Qasd	....	
23bbc	Oscar Herbranson	28	1 $\frac{1}{4}$	Dv	1953	13	.....	D	Sd	Qasd	....	
23cdd	Helga Stensrud	30	1 $\frac{1}{4}$	Dv	1916	15	.....	S	Sd	Qasd	....	
24cac	Joseph Milton, Jr.	37	3	Dr	1961	9	.....	D	Sd	Qasd	963	
24ddd	Ingolf Ulsaker	50	1 $\frac{1}{4}$	Dv	....	15	.....	D,S	Sd	Qasd	....	
25bab	Nels Liedahl	45	1 $\frac{1}{4}$	Dv	1959	6	.....	D	Sd	Qasd	....	
26ddd	Ole Aarhus	20	1 $\frac{1}{4}$	Dv	1947	10	.....	S	Sd	Qasd	762	
27ada	Gerald Liedahl	70	2	Dr	....	20	.....	D,S	Sd	Qasd	....	
33ada	John Haugen	22	1 $\frac{1}{4}$	Dv	1952	9	.....	D	Sd	Qasd	....	
33cda	Jorgen Haugen	45	1 $\frac{1}{4}$	Dv	1951	10	.....	D	Sd	Qasd	675	

89

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>136-48</u>												
18bab	Johnson Estate	150	3	Dr	....	....	.....	D,S	Sd	Qd	1,200	
18bcd	Emil Mikkelson	147	3	Dr	1958	18	.....	D	Sd	Qd	.....	
18dde	Herbert Nelson	80	3	Dr	1935	20	.....	U	Gv	Qd	.....	
19ddd	Test hole 3108	255	5	Dr	1964	....	.....	T	..	..	.....	L
29bad	Ingeborg Yterler	66	2	Dr	1961	10	.....	D	Sd	Qd	.....	
29dbb	Lennart Anderson	60	2	Dr	....	28	.....	D	Sd	Qd	.....	
30aad	James Anderson	80	2	Dr	1951	24	.....	D,S	Sd	Qd	.....	
30dcd	A. E. Johnson	125	3	Dr	....	30	.....	D	Sd	Qd	.....	
31aaa	Edwin Erickson	72	3	Dr	1954	15	.....	D	Sd	Qd	2,970	C
31cbb	Melvin Nellerroe	112	3	Dr	1916	10	.....	D,S	Sd	Qd	.....	
32cad	Melvin Alm	85	3	Dr	....	30	.....	D,S	Sd	Qd	.....	
<u>136-49</u>												
ladc	Newman Nelson	97	4	Dr	1951	25	.....	D	Sd	Qd	.....	
lddb	Newman Hanson	160	3	Dr	1952	18	.....	D	Sd	Qd	1,170	
2aaa	John Mathison	156	3	Dr	1926	30	.....	D	Sd	Qd	.....	
2daa	Ole Ness	105	3	Dr	....	....	.....	U	Sd	Qd	.....	
2dda	..do....	115	3	Dr	1945	20	.....	D,S	Sd	Qd	.....	
3bcb	George Hollands	84	3	Dr	....	12	.....	D	Gv	Qd	1,320	
3ccc	J. I. Skjonsby	105	3	Dr	1958	32	.....	D	Sd	Qd	.....	
4bbb	C. M. Rutten	163	3	Dr	1945	17	.....	D	Sd	Qd	.....	
4dbd	J. I. Skjonsby	96	3	Dr	1961	25	.....	D,S	Sd	Qd	.....	
5baa	Abner Owens	72	16	Dr	....	40	.....	D	Sd	Qd	.....	
6bab	Floyd Grinaker	78.4	6	Dr	1910	57.3	7-30-62	D,S	Sd	Qd	2,790	C
6caa	..do....	59.0	16	Dr	....	9.8	7-31-63	O	..	Qd	.....	See table 2.
6dad	Leslie Rogne	110	3	Dr	1948	30	.....	D	Sd	Qd	.....	
8ccb	Bernard Bakko	86	3	Dr	1939	9	.....	D,S	Sd	Qd	.....	
8daa	Eddie Robertsdahl	145	3	Dr	1957	20	.....	D,S	Sd	Qd	.....	
9acc	Ole Bakkerud	110	3	Dr	1952	10	.....	D,S	Gv	Qd	1,460	
9bdb	Randall Robertsdahl	94	3	Dr	1945	30	.....	D,S	Sd	Qd	.....	
9dac	Lyle Miller	110	3	Dr	....	50	.....	D,S	Sd	Qd	.....	
10cbd	Trygve Nelson	105	3	Dr	1928	16	.....	D	Gv	Qd	.....	
11bab	Ernest Israelson	140	3	Dr	....	18	.....	D	Sd	Qd	.....	
12daa	Leroy Jacobson	151	3	Dr	1952	20	.....	D	Sd	Qd	1,220	
12dcc	H. Gullickson	90	2	Dr	1961	15	.....	D	Sd	Qd	.....	

19

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13)

136-49 (Cont.)

14cdc	James McHaney	90	3	Dr	....	....	.....	D,S	Sd	Qd	.....	
14daa	Arthur Anderson	92	3	Dr	....	25	.....	D,S	Sd	Qd	1,380	
16acd	Andrew Tiseth	88	3	Dr	....	18	.....	D	Gv	Qd	.....	
16ccd	Arthur Johnson	118	3	Dr	1923	....	.....	D	Gv	Qd	.....	
16ddd	Stanley Ellingson	91	4	Dr	1910	26	.....	D,S	Gv	Qd	.....	
18dad	Selmer Johnson	87	3	Dr	1927	40	.....	D,S	Gv	Qd	2,040	
19aad	Marvin Oslie	80	12	Dr	....	45	.....	D	Sd	Qd	.....	
19cca	I. E. Blilie	170	3	Dr	....	30	.....	D,S	Sd	Qd	2,055	C
20ada	Harold Hoel	100	3	Dr	1947	15	.....	D	Gv	Qd	.....	
20dda	Ken Mathys	145	3	Dr	1941	....	.....	D	Sd	Qd	.....	
21cdb	Harris Hendrikson	108	3	Dr	1933	27	.....	D	Sd	Qd	.....	
22dcd	Mrs. Fern Ostson	110	3	Dr	....	12	.....	D	Gv	Qd	.....	
23daa	J. G. McLeod	108	3	Dr	1928	18	.....	D	Sd	Qd	.....	
24ddd	Martin Lyngstad	100	3	Dr	1940	40	.....	D	Sd	Qd	1,630	
25bbb	Frank Israelson	85	3	Dr	....	18	.....	D	Sd	Qd	.....	
26aba	Emil Hertsgaard	90	2	Dr	1930	30	.....	D	Gv	Qd	.....	
26daa	Palmer Kragness	70	4	Dr	1955	25	.....	D	Sd	Qd	.....	
27bbb	C. Johnson	252	3	Dr	....	20	.....	D,S	Sd	Qd	.....	
27ccd	Andrew Skarvold	340	3	Dr	1912	....	.....	U	..	Qd	.....	
28aba	Test hole 3112	320	5	Dr	1964	....	.....	T	..	..	.....	L
28bab	Albert Berseth	130	3	Dr	1944	27	.....	U	Sd	Qd	.....	
28ddd1	E. S. Peterson	78	2	Dr	1953	30	.....	D,S	Sd	Qd	.....	
28ddd2	..do....	70	12	Dr	....	40	.....	S	Sd	Qd	.....	
29ccc	Aaron Heglie	124	2	Dr	1930	....	.....	D,S	Sd	Qd	.....	
30bbb	Test hole 3109	295	5	Dr	1964	....	.....	T	..	..	.....	L
31aca	Lemar Larson	162	2	Dr	1948	30	.....	D,S	Gv	Qd	2,120	
31ccc	Lloyd Larson	95	4	Dr	1945	8	.....	D,S	Gv	Qd	.....	
32aad	Edwin Larson	60	3	Dr	1947	....	.....	D	Sd,Gv	Qd	.....	
32bbc	Aaron Heglie	160	3	Dr	....	....	.....	D	Sd	Qd	.....	
33aad	Olaf Bolme	140	4	Dr	....	15	.....	D	Sd	Qd	.....	
34add	Selma Hoel	215	3	Dr	1917	16	.....	D	Sd	Qd	.....	
34bda1	James Hendrickson	89	2	Dr	1920	14	.....	D	Sd	Qd	.....	
34bda2	..do....	...	..	Sp	....	Flow	7-27-62	S	..	..	.....	Est. flow 3 gpm.
34ccd	Taylor Skarvold	90	3	Dr	....	30	.....	D	Sd	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
136-59 (Cont.)												
34dbc1	Clarence Ulven	70	3	Dr	1930	15	.....	D	Sd	Qd	.....	Est. flow 3 gpm.
34dbc2	..do....	...	..	Sp	....	Flow	7-27-62	S	..	...	.....	
36aba	Arndo Foss	90	3	Dr	1928	20	.....	D,S	Sd	Qd	.....	
36baa	Merritt Bros.	90	3	Dr	1915	....	.....	D,S	Sd	Qd	.....	
36cdc	Frank Israelson	96	3	Dr	1948	15	.....	U	Sd	Qd	532	
36dcc	Axel Alm	210	3	Dr	1948	12	.....	D,S	Sd,Gv	Qd	.....	
136-60												
1aba	Carrol Johnson	97	3	Dr	1944	30	.....	D,S	Sd	Qd	.....	C
1dda	Christ Olerud	90	3	Dr	1917	25	.....	D,S	Sd	Qd	.....	
2aba	Sophus Grinaker	112	2	Dr	1910	4	.....	D,S	Sd	Qd	2,740	
2bbb	Karl Toppen	100	3	Dr	....	15	.....	S	Sd	Qd	.....	
2cbc	Wallace Nipstad	124	3	Dr	....	6	.....	D,S	Gv	Qd	.....	
3ddc	M. A. Severson	70	18	Dr	....	....	.....	S	Sd	Qd	.....	
4dd	Hertsgaard Bros.	145	3	Dr	....	20	.....	D	..	Qd	.....	
5acc	Christ Erickson	100	2	Dr	....	30	.....	D,S	Gv	Qd	.....	
5cca	Theodore Erickson	200	3	Dr	1942	....	.....	D,S	Sd	Qd	2,200	
6ddc	Melvin Erickson	200	3	Dr	1938	10	.....	D,S	Sd	Qd	.....	
7cac	John Blomlie	40	12	Dr	....	26	.....	D	..	Qasd	.....	
7ccc	Graff Bros.	74	18	Dr	1946	11	.....	D	Sd	Qasd	.....	
8bbb	Ted Lee	115	3	Dr	1935	30	.....	D,S	Sd,Gv	Qd	.....	
9adc	Ole Bakkerud	110	3	Dr	....	20	.....	D,S	..	Qd	.....	
10bbc	Hertsgaard Bros.	150	3	Dr	....	20	.....	D,S	Sd	Qd	2,020	
10cbb	Palmer Ellingson	96	3	Dr	....	19	.....	D,S	..	Qd	.....	
10cdb	Richard Toppen	136	3	Dr	....	12	.....	D,S	..	Qd	.....	
11add	Joe Ronning	119	3	Dr	....	7	.....	D,S	..	Qd	.....	
13ccc	G. L. Owens	86	3	Dr	....	0	.....	D,S	Sd,Gv	Qd	.....	
14aba	Chris Sorbel	100	3	Dr	....	10	.....	D,S	..	Qd	2,340	
15aaa	..do....	100	3	Dr	1888	15	.....	D,S	Sd	Qd	.....	
15cbb	Hjelmer Toppen	133	3	Dr	1935	30	.....	D,S	Gv	Qd	.....	
15dca1	P. O. Eckre	116	3	Dr	1890	18	.....	D,S	..	Qd	.....	
15dca2	..do....	122	3	Dr	1920	12	.....	D	..	Qd	.....	
18bca	Albert Olson	20	36 x 36	Du	....	6	.....	D	Sd	Qasd	528	
18ddb	Marcus Lee	289	3	Dr	1940	20	.....	D,S	Gv	Qd	2,580	

69



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>136-50 (Cont.)</u>												
19aab	Marcus Lee	398	3	Dr	....	20	.....	S	Gv	Qd	1,930	
19ccc	Test hole 2179	434	5	Dr	1963	4.8	9-18-63	T,0	Sd	Qasd	.....	L, Obs. well 40 ft; See table 2.
20aa	Harold Hoel	100	3	Dr	....	16	.....	D	Sd	Qasd	.....	
20dd	Kenneth Malthys	145	3	Dr	....	.....	.....	S	..	Qd	.....	
21aad	Test hole 3110	105	5	Dr	1964	.....	.....	T	..	....	.....	L
22aaa	Fred Flaa	130	2	Dr	....	.....	.....	D,S	Sd	Qd	.....	
22caal	Parnenn Anderson	285	3	Dr	....	6	.....	D,S	Gv	Qd	2,760	
22caa2	..do....	265	3	Dr	1922	24.8	9-11-47	D,S	Sd	Qd	.....	
22caa3	..do....	212	3	Dr	1944	15	.....	S	Sd	Qd	.....	
23aca	Clayton Blilie	120	2	Dr	....	4	.....	D,S	Gv	Qd	.....	
24abd	..do....	87	2	Dr	1944	5	.....	D,S	Gv	Qd	.....	
25ccb	B. Goldberg	247	3	Dr	1942	10	.....	D,S	Sd	Qd	3,150	
28dcb	Ted Amundson	222	2	Dr	1962	20	.....	D,S	Gv	Qd	.....	
30abd	Pete Kaund	14	48	Du	1935	9	.....	U	Sd	Qasd	.....	
30dab	Andrew Strand	10	..	Du	1937	8	.....	U	Sd	Qasd	.....	
31cdc	Lizzie Bakko	65	1½	Dr	....	.....	.....	D,S	Sd	Qasd	.....	
31dcc	Orland Jordheim	67	2	Dr	....	20	.....	D,S	Sd	Qasd	1,090	
32aaa	D. P. Thue	40	3	Dv	1947	20	.....	D,S	Sd	Qasd	1,100	
32bba	Orland Jordheim	72	2	Dv	1947	10	.....	D,S	Sd	Qasd	.....	
32cda	Carl Erickson	60	2	Dr	1946	.....	.....	D,S	Sd	Qasd	.....	
34adb1	Oscar Tingum	30	1½	Dv	1947	.....	.....	D	Sd	Qasd	.....	
34adb2	..do....	30	1½	Dv	1947	.....	.....	D,S	Sd	Qasd	.....	
34dda	C. D. Ulven	80	3	Dr	....	25	.....	D,S	Sd	Qasd	.....	
35acc	Albert Bakko	96	3	Dr	1946	.....	.....	D	..	Qd	.....	
35cab	Rueben Jacobson	105	2	Dr	1964	.....	.....	D	Gv	Qd	.....	
35cac	J. C. Nelson	173	3	Dr	....	.....	.....	D	Sd	Qd	.....	
35ccb1	Arnond Jordheim	200	2	Dr	1958	.....	.....	D	Sd	Qd	.....	
35ccb2	Ardell Bakko	150	2	Dr	....	.....	.....	D	..	Qd	.....	
35dbc	Walcott Community Club	108	2	Dr	1957	6	.....	D	Gv	Qd	.....	
<u>136-51</u>												
2aab	Norris Hagen	105	3	Dr	1943	100	.....	D	Gv	Qd	1,510	C
2ccc	Walter Otterson	15	36 x 48	Du	....	12	.....	...	Sd	Qasd	.....	

70

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
136-51 (Cont.)												
2dcc	Peter Overboe	185	3	Dr	1940	Flow	4-62	D,S	..	Qd	2,030	
4adb	Erick L. Lee	19	48 x 48	Du	1944	10.9	9-18-47	D,S	Sd	Qasd	.....	
4bbd	Knute Svenkerud	48	2	Dr	....	30	.....	D,S	Sd	Qasd	.....	
4dcc	Carl Lybeck	53	2	Dr	1947	6	.....	D,S	Sd, Gv	Qasd	.....	
5aba	Test hole K-1R	365	5	Dr	1947	.....	.....	T	..	.....	.....	LK
6aac	Herman Gase	60	2	Dr	1946	6	.....	D,S	Sd	Qasd	408	C
7ddd	Test hole K-2R	37	5	Dr	1947	.....	.....	T	..	.....	.....	LK
8baa	Clifford Vangness	70	2	Dr	....	58	.....	D,S	Sd	Qasd	.....	
8ccc	Mrs. Mabel Fjelstad	57	2	Dr	1945	12.2	9-18-47	D,S	Sd	Qasd	.....	
8daa	Eugene Reistad	70	2	Dr	1946	14	.....	D,S	Sd	Qasd	.....	
9adb	I. Spelhaug	70	2	Dr	1946	25	.....	D,S	Sd	Qasd	575	
10aad	Bernhard Lee	230	3	Dr	1938	80	.....	D,S	..	Qd	.....	
10dcc	Melvin Berg	40	4	Dr	....	32	.....	D,S	Sd	Qasd	.....	
11abb	Neilas Iverson	18	36	Du	1937	10	.....	D,S	Sd	Qasd	.....	
11bac	Oscar Otterson	30	42	Du	....	24	.....	D,S	Sd	Qasd	.....	
12adc	Ole Tideman	210	3	Dr	1930	20	.....	D,S	Sd	Qasd	.....	
12dda	Jens Olson	210	4	Dr	1960	20	.....	D,S	..	Qd	1,970	
13bba	Donald Rustad	30	36	Du	....	12	.....	D,S	Sd	Qasd	1,410	
14aaa	Oswald Graff	30	36 x 36	Du	....	25	.....	D,S	Sd	Qasd	.....	
14dcb	Ed Eckre	20	36 x 36	Du	....	14	.....	D,S	Sd	Qasd	.....	
15ada	Esten Twedt	22	36 x 36	Du	....	17	.....	D	Sd	Qasd	717	
17baa	Howard Thompson	52	2	Dr	....	42	.....	D,S	Sd	Qasd	.....	
17cdc1	George Nettum	52	2	Dr	1945	.....	.....	D	Sd	Qasd	.....	
17cdc2	..do....	14	36 x 36	Du	....	10	.....	D,S	Sd	Qasd	.....	
18ccc	Clarence Anderson	18	1 $\frac{1}{4}$	Dv	....	6	.....	D,S	Sd	Qasd	903	
18dbc	Thron Lunder	18	2	Dr	....	10	.....	D,S	Sd	Qasd	.....	
19aaa	Avery Anderson	12	36 x 48	Du	1945	9	.....	D	Sd	Qasd	.....	
19ccc1	Ken Morgan	54	3	Dr	1946	14	.....	D,S	Sd	Qasd	.....	
19ccc2	..do....	50	3	Dr	1947	14	.....	S	Sd	Qasd	.....	
19dcc	Gordon Olson	15	1 $\frac{1}{4}$	Dv	....	12	.....	D,S	Sd	Qasd	546	
20bdb	Arnold Anderson	25	2	Dr	....	18	.....	D,S	Sd	Qasd	.....	
22adb	Joel Sundquist	68	2	Dr	....	10	.....	D,S	Sd	Qasd	.....	
23abd	Oscar Braaten	246	4	Dr	1940	60	.....	D,S	Gv	Qd	.....	
23bbc	Ingewald Otterson	36	2	Dr	....	20	.....	D,S	Sd	Qasd	.....	
23ddd	Iver Braaten	279	3	Dr	1941	100	.....	D,S	..	Qd	.....	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>136-51 (Cont.)</u>												
24cbc	Carl Berg	23	36 x 36	Du	....	10	.....	D,S	Sd	Qasd	.....	
26adc	I. E. Graff	250	2	Dr	1941	20	.....	D,S	Gv	Qd	.....	
26cbb	Andrew Otterson	250	2	Dr	1943	40	.....	D,S	Gv	Qd	.....	
26dbc	Toby Jostad	247	3	Dr	1943	15	.....	D,S	Sd	Qd	.....	
27aaa	John Braaten	25	1 $\frac{1}{4}$	Dr	....	13	.....	D,S	Sd	Qasd	.....	
27baa	Andrew Otterson	255	3	Dr	1944	10	.....	S	..	Qd	.....	
28bba	Olive Vangness	30	1 $\frac{1}{4}$	Dv	....	15	.....	D,S	Sd	Qasd	.....	
28cbc1	Test hole 3111	325	5	Dr	1964	....	.....	T	..	..	.....	L
28cbc2	Obs. well 3111A	30	1 $\frac{1}{4}$	Dr	1964	16.6	7-31-64	O	Sd	Qasd	.....	See table 2.
29abc	Irving Severson	70	1 $\frac{1}{4}$	Dv	....	30	.....	D,S	Sd	Qasd	1,230	
29baa	Delman Alsager	30	1 $\frac{1}{4}$	Dv	....	10	.....	D,S	Sd	Qasd	.....	
29cdc	E. Y. Halbjorhus	25	2	Dv	....	....	.....	D,S	Sd	Qasd	.....	
30ddc	Clarence Hovelson	25	36	Du	....	19	.....	D,S	Sd	Qasd	.....	
31aaa	H. Ulsaker	22	2	Dv	1946	....	.....	D	Sd	Qasd	.....	
31acb	Gordon Hagen	30	1 $\frac{1}{4}$	Dv	....	....	.....	D,S	Sd	Qasd	.....	
32bba	John Holbjorhus	30	1 $\frac{1}{4}$	Dv	....	20	.....	D,S	Sd	Qasd	.....	
32bca	Albert Eckre	201	2	Dr	1943	Flow	4-62	D,S	..	Qd	.....	
32ccc	Henry Groff	25	1 $\frac{1}{4}$	Dv	....	12	.....	D,S	Sd	Qasd	502	
34dbd	Selmer Jordheim	35	..	Dv	....	....	.....	S	Sd	Qasd	.....	
36ddc	Wilfred Bakko	35	1 $\frac{1}{4}$	Dv	....	8	.....	D,S	Sd	Qasd	.....	
<u>136-52</u>												
1ddd	Arvid Anderson	28	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	955	
2cbc	Oliver Jordheim	30	1 $\frac{1}{4}$	Dv	1945	9	.....	D	Sd	Qasd	.....	
3aaa1	Test hole 2202	189	5	Dr	1963	....	.....	T	..	....	.....	L
3aaa2	Obs. well 2202A	42	1 $\frac{1}{4}$	Dr	1963	4.2	10-10-63	O	Sd	Qasd	.....	See table 2.
3aad	Alfred Mattson	23	1 $\frac{1}{4}$	Dv	1946	....	.....	D	Sd	Qasd	1,160	
3bab	Oscar Thompson	20	1 $\frac{1}{4}$	Dv	1961	....	.....	D	Sd	Qasd	.....	
4abb	Donald Bunn	20	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	.....	
4cdc	Leon Heller	35	1 $\frac{1}{4}$	Dv	1950	21	.....	D,S	Sd	Qasd	.....	
5aba	F. A. Ferch	30	1 $\frac{1}{4}$	Dv	....	20	.....	U	Sd	Qasd	.....	
6bbb1	Test hole 2203	362	5	Dr	1963	....	.....	T	..	....	.....	L
6bbb2	Obs. well 2203A	42	1 $\frac{1}{4}$	Dr	1963	4.7	10-15-63	O	Sd	Qasd	.....	See table 2.
7ddc	E. Granbeck	32	1 $\frac{1}{4}$	Dv	....	18	.....	D,S	Sd	Qasd	.....	
8dac	Broberg Bros.	16	1 $\frac{1}{4}$	Dv	1950	....	.....	D	Sd	Qasd	1,140	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
136-52 <sup>C</sup> (Cont.)												
9ada	Verle Burdick	25	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	.....	
10add	A. J. McDonald	24	1 $\frac{1}{4}$	Dv	....	....	.....	S	Sd	Qasd	1,160	
10bbb	Lewis C. Anderson	24	1 $\frac{1}{4}$	Dv	1961	17	.....	S	Sd	Qasd	.....	
11bab	Mattson Bros.	30	1 $\frac{1}{4}$	Dv	1945	....	.....	D	Sd	Qasd	.....	
12bbbl	Mrs. Ralph Burdick	18	1 $\frac{1}{4}$	Dv	1947	....	.....	D	Sd	Qasd	.....	
12bbb2	U.S. Bureau of Recla- mation	18	2	Dr	1955	6.3	10-31-63	O	Sd	Qasd	.....	See table 2.
13ddd	Clarence Anderson	18	1 $\frac{1}{4}$	Dv	1942	6	.....	S	Sd	Qasd	.....	
14aad	Wm. H. Anderson	16	1 $\frac{1}{4}$	Dv	1945	6	.....	D	Sd	Qasd	769	
14cbb	John L. Olson	14	1 $\frac{1}{4}$	Dv	1940	....	.....	D	Sd	Qasd	.....	
15aab	Howard Olson	30	1 $\frac{1}{4}$	Dv	1935	2	.....	S	Sd	Qasd	.....	
17ddd	U.S. Bureau of Recla- mation	16	2	Dr	1955	6.9	10-31-63	O	Sd	Qasd	.....	See table 2.
18dbd	Clifford Johnson	20	1 $\frac{1}{4}$	Dv	1958	10	.....	D	Sd	Qasd	1,650	
19bbb	Ronice Bros.	20	1 $\frac{1}{4}$	Dv	1910	....	.....	S	Sd	Qasd	.....	
20ada	Robert Ratcliff	70	1 $\frac{1}{4}$	Dr	....	....	.....	D	Sd	Qasd	558	
20ecc	Norman Olson	12	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	.....	
21bcc	John Dahl	20	1 $\frac{1}{4}$	Dv	1953	....	.....	D	Sd	Qasd	.....	
21caa	Millard Dahl	18	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	.....	
22abb	Dan Germanson	22	1 $\frac{1}{4}$	Dv	1913	....	.....	S	Sd	Qasd	794	
22ddd1	Test hole 2200	335	5	Dr	1963	....	.....	T	..	....	.....	L
22ddd2	Obs. well 2200A	42	4	Dr	1963	6.2	10-10-63	O	Sd	Qasd	570	C, See table 2.
24ecd	E. G. Thompson	30	1 $\frac{1}{4}$	Dv	1925	12	.....	D	Sd	Qasd	1,040	
25dda	Ben Lynnes	12	1 $\frac{1}{4}$	Dv	1955	3	.....	S	Sd	Qasd	494	
26acb	Alvin Leedhal	35	2	Dr	....	14	.....	S	Sd	Qasd	.....	
26ddd1	Carl Lynnes	11	1 $\frac{1}{4}$	Dv	....	....	.....	S	Sd	Qasd	.....	
26ddd2	..do....	...	..	Sp	....	Flow	7-62	D,S	..	Qasd	.....	
27bcc	Elder Almie	16	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	387	
30bbbl	Test hole 2201	189	5	Dr	1963	....	.....	T	..	....	.....	L
30bbb2	Obs. well 2201A	63	4	Dr	1963	6.1	10-15-63	O	Sd	Qasd	.....	
32caa	Arne Bratland	48	1 $\frac{1}{4}$	Dv	1915	28	.....	D,S	Sd	Qasd	579	
32cca	Clinton King	37	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	.....	
33bcd	Wayne Guthrie	22	1 $\frac{1}{4}$	Dv	1928	....	.....	D	Sd	Qasd	.....	
34dba	Duane Reistad	10	1 $\frac{1}{4}$	Dv	....	....	.....	D	Sd	Qasd	434	
35aaa	Fete Lynnes	...	..	Sp	....	Flow	7-62	S	..	Qasd	.....	Est. flow 1 gpm.

Table 2 - Water levels in selected observation wells

Depth to water in feet and hundreths below  
land surface

Source of water; Kd, Dakota Sandstone, Qd,  
till and associated glacioaqueous deposits,  
Qab, deposits of Lake Agassiz beaches, Qasd,  
Sheyenne delta deposits of glacial Lake  
Agassiz.

129-48-24aaa2		Total depth 120 ft.		Qd	
Date	Water Level	Date	Water Level	Date	Water Level
11-21-63....	21.83	4-10-64....	22.45	11-11-64....	22.69
12- 3-63....	21.99	5-27-64....	22.04	12- 9-64....	22.83
1- 3-64....	22.03	6-24-64....	22.00	1-19-65....	22.89
2- 5-64....	22.22	7-29-64....	22.38	4- 1-65....	23.09
3-10-64....	22.35	8-26-64....	22.43	6-11-65....	22.09
129-48-17 abb		Total depth 40 ft.		Qab	
11-21-63....	26.58	4-10-64....	27.21	11-11-64....	27.87
12- 3-63....	26.56	5-27-64....	24.82	12- 9-64....	28.04
1- 3-64....	26.76	6-24-64....	25.94	1-19-65....	28.44
2- 5-64....	27.09	7-29-64....	26.83	4- 1-65....	29.08
3-10-64....	27.37	8-26-64....	27.52	6-11-65....	26.59
129-50-12 aaa		Total depth 16.0 ft.		Qd	
12- 3-63....	7.07	5-27-64....	7.21	12- 9-64....	8.44
1- 3-63....	7.14	6-24-64....	7.19	1-19-65....	8.62
2- 5-64....	7.38	7-29-64....	7.27	4- 1-65....	9.06
3-10-64....	7.52	8-26-64....	8.05	6-11-65....	8.31
4-10-64....	7.46	11-11-64....	8.39		
129-51-24add LTL		Total depth 78 ft.		Qd	
11-21-63....	30.79	4-10-64....	31.74	11-11-64....	32.01
12- 3-63....	31.62	5-27-64....	31.63	12- 9-64....	31.41
1- 3-64....	31.67	6-24-64....	31.53	1-19-65....	32.32
2- 5-64....	31.49	7-29-64....	31.83	6-11-65....	32.62
3-10-64....	31.82	8-26-64....	31.74		
130-50-17 ddd		Total depth 60 ft.		Qm	
11-11-64....	5.66	1-19-65....	6.39	4-21-62....	4.16
12- 9-64....	6.04	4- 1-65....	6.28	6-11-65....	3.13
131-51-15 bcc		Total depth 23.0 ft.		Qd	
11-21-63....	16.18	4-10-64....	16.78	9-30-64....	16.54
12- 3-63....	18.19	5-27-64....	16.08	11-11-64....	16.81
1- 3-64....	16.37	6-24-64....	15.54	12- 9-64....	17.15
2- 5-64....	16.67	7-29-64....	16.31	1-19-65....	17.37
3-10-64....	16.93	8-26-64....	16.44	6-11-65....	14.47

131-51-29 daa	Total depth 40.6 ft.	Qd																																				
<table border="0"> <thead> <tr> <th>Date</th> <th>Water Level</th> </tr> </thead> <tbody> <tr><td>11-21-63....</td><td>22.59</td></tr> <tr><td>12- 3-63....</td><td>22.76</td></tr> <tr><td>1- 3-64....</td><td>23.06</td></tr> <tr><td>2- 5-64....</td><td>23.42</td></tr> <tr><td>3-10-64....</td><td>24.04</td></tr> </tbody> </table>	Date	Water Level	11-21-63....	22.59	12- 3-63....	22.76	1- 3-64....	23.06	2- 5-64....	23.42	3-10-64....	24.04	<table border="0"> <thead> <tr> <th>Date</th> <th>Water Level</th> </tr> </thead> <tbody> <tr><td>4-10-64....</td><td>24.26</td></tr> <tr><td>5-27-64....</td><td>23.89</td></tr> <tr><td>6-24-64....</td><td>23.51</td></tr> <tr><td>7-29-64....</td><td>23.49</td></tr> <tr><td>8-26-64....</td><td>23.36</td></tr> </tbody> </table>	Date	Water Level	4-10-64....	24.26	5-27-64....	23.89	6-24-64....	23.51	7-29-64....	23.49	8-26-64....	23.36	<table border="0"> <thead> <tr> <th>Date</th> <th>Water Level</th> </tr> </thead> <tbody> <tr><td>9-30-64....</td><td>23.54</td></tr> <tr><td>11-11-64....</td><td>23.79</td></tr> <tr><td>12- 9-64....</td><td>24.01</td></tr> <tr><td>1-19-65....</td><td>24.17</td></tr> <tr><td>6-11-65....</td><td>23.91</td></tr> </tbody> </table>	Date	Water Level	9-30-64....	23.54	11-11-64....	23.79	12- 9-64....	24.01	1-19-65....	24.17	6-11-65....	23.91
Date	Water Level																																					
11-21-63....	22.59																																					
12- 3-63....	22.76																																					
1- 3-64....	23.06																																					
2- 5-64....	23.42																																					
3-10-64....	24.04																																					
Date	Water Level																																					
4-10-64....	24.26																																					
5-27-64....	23.89																																					
6-24-64....	23.51																																					
7-29-64....	23.49																																					
8-26-64....	23.36																																					
Date	Water Level																																					
9-30-64....	23.54																																					
11-11-64....	23.79																																					
12- 9-64....	24.01																																					
1-19-65....	24.17																																					
6-11-65....	23.91																																					
131-52-11 cdd	Total depth 37.3 ft.	Qd																																				
<table border="0"> <tbody> <tr><td>11-21-63....</td><td>21.95</td></tr> <tr><td>12- 3-63....</td><td>23.20</td></tr> <tr><td>1- 3-64....</td><td>23.57</td></tr> <tr><td>2- 5-64....</td><td>24.40</td></tr> <tr><td>3-10-64....</td><td>24.86</td></tr> </tbody> </table>	11-21-63....	21.95	12- 3-63....	23.20	1- 3-64....	23.57	2- 5-64....	24.40	3-10-64....	24.86	<table border="0"> <tbody> <tr><td>4-10-64....</td><td>25.21</td></tr> <tr><td>5-27-64....</td><td>24.92</td></tr> <tr><td>6-24-64....</td><td>24.05</td></tr> <tr><td>7-29-64....</td><td>23.29</td></tr> <tr><td>8-26-64....</td><td>23.57</td></tr> </tbody> </table>	4-10-64....	25.21	5-27-64....	24.92	6-24-64....	24.05	7-29-64....	23.29	8-26-64....	23.57	<table border="0"> <tbody> <tr><td>9-30-64....</td><td>24.02</td></tr> <tr><td>11-11-64....</td><td>24.31</td></tr> <tr><td>12- 9-64....</td><td>24.43</td></tr> <tr><td>1-19-65....</td><td>24.61</td></tr> <tr><td>6-11-65....</td><td>23.19</td></tr> </tbody> </table>	9-30-64....	24.02	11-11-64....	24.31	12- 9-64....	24.43	1-19-65....	24.61	6-11-65....	23.19						
11-21-63....	21.95																																					
12- 3-63....	23.20																																					
1- 3-64....	23.57																																					
2- 5-64....	24.40																																					
3-10-64....	24.86																																					
4-10-64....	25.21																																					
5-27-64....	24.92																																					
6-24-64....	24.05																																					
7-29-64....	23.29																																					
8-26-64....	23.57																																					
9-30-64....	24.02																																					
11-11-64....	24.31																																					
12- 9-64....	24.43																																					
1-19-65....	24.61																																					
6-11-65....	23.19																																					
132-48-10 bcc	Total depth 100 ft.	Qd																																				
<table border="0"> <tbody> <tr><td>9-30-64....</td><td>9.14</td></tr> <tr><td>11-10-64....</td><td>9.39</td></tr> </tbody> </table>	9-30-64....	9.14	11-10-64....	9.39	<table border="0"> <tbody> <tr><td>12- 9-64....</td><td>9.49</td></tr> <tr><td>1-19-65....</td><td>9.62</td></tr> </tbody> </table>	12- 9-64....	9.49	1-19-65....	9.62	<table border="0"> <tbody> <tr><td>4-20-65....</td><td>9.53</td></tr> <tr><td>6-11-65....</td><td>9.63</td></tr> </tbody> </table>	4-20-65....	9.53	6-11-65....	9.63																								
9-30-64....	9.14																																					
11-10-64....	9.39																																					
12- 9-64....	9.49																																					
1-19-65....	9.62																																					
4-20-65....	9.53																																					
6-11-65....	9.63																																					
132-49-26ddd2	Total depth 93.5 ft.	Qd																																				
<table border="0"> <tbody> <tr><td>11-21-63....</td><td>2.94</td></tr> <tr><td>12- 3-63....</td><td>2.89</td></tr> <tr><td>1- 3-64....</td><td>2.47</td></tr> </tbody> </table>	11-21-63....	2.94	12- 3-63....	2.89	1- 3-64....	2.47	<table border="0"> <tbody> <tr><td>5-27-64....</td><td>3.92</td></tr> <tr><td>6-24-64....</td><td>2.84</td></tr> <tr><td>7-29-64....</td><td>3.08</td></tr> </tbody> </table>	5-27-64....	3.92	6-24-64....	2.84	7-29-64....	3.08	<table border="0"> <tbody> <tr><td>8-26-64....</td><td>2.89</td></tr> <tr><td>11-11-64....</td><td>3.07</td></tr> <tr><td>6-11-65....</td><td>2.83</td></tr> </tbody> </table>	8-26-64....	2.89	11-11-64....	3.07	6-11-65....	2.83																		
11-21-63....	2.94																																					
12- 3-63....	2.89																																					
1- 3-64....	2.47																																					
5-27-64....	3.92																																					
6-24-64....	2.84																																					
7-29-64....	3.08																																					
8-26-64....	2.89																																					
11-11-64....	3.07																																					
6-11-65....	2.83																																					
133-47-17 ddd	Total depth 80 ft.	Qd																																				
<table border="0"> <tbody> <tr><td>9-30-64....</td><td>22.02</td></tr> <tr><td>11-10-64....</td><td>21.66</td></tr> <tr><td>12- 8-64....</td><td>21.61</td></tr> </tbody> </table>	9-30-64....	22.02	11-10-64....	21.66	12- 8-64....	21.61	<table border="0"> <tbody> <tr><td>1-18-65....</td><td>21.28</td></tr> <tr><td>3-31-65....</td><td>21.07</td></tr> </tbody> </table>	1-18-65....	21.28	3-31-65....	21.07	<table border="0"> <tbody> <tr><td>4-21-65....</td><td>19.85</td></tr> <tr><td>6- 9-65....</td><td>19.57</td></tr> </tbody> </table>	4-21-65....	19.85	6- 9-65....	19.57																						
9-30-64....	22.02																																					
11-10-64....	21.66																																					
12- 8-64....	21.61																																					
1-18-65....	21.28																																					
3-31-65....	21.07																																					
4-21-65....	19.85																																					
6- 9-65....	19.57																																					
133-49-33 dcd	Total depth 23.2 ft.	Qd																																				
<table border="0"> <tbody> <tr><td>10- 4-63....</td><td>1.77</td></tr> <tr><td>12- 4-63....</td><td>3.78</td></tr> <tr><td>1- 3-64....</td><td>3.22</td></tr> <tr><td>2- 6-64....</td><td>3.31</td></tr> <tr><td>3-10-64....</td><td>5.49</td></tr> </tbody> </table>	10- 4-63....	1.77	12- 4-63....	3.78	1- 3-64....	3.22	2- 6-64....	3.31	3-10-64....	5.49	<table border="0"> <tbody> <tr><td>4- 9-64....</td><td>0.75</td></tr> <tr><td>5- 7-64....</td><td>0.59</td></tr> <tr><td>5-29-64....</td><td>0.56</td></tr> <tr><td>6-25-64....</td><td>0.62</td></tr> <tr><td>7-30-64....</td><td>0.55</td></tr> </tbody> </table>	4- 9-64....	0.75	5- 7-64....	0.59	5-29-64....	0.56	6-25-64....	0.62	7-30-64....	0.55	<table border="0"> <tbody> <tr><td>8-26-64....</td><td>0.59</td></tr> <tr><td>9-30-64....</td><td>1.09</td></tr> <tr><td>11- 9-64....</td><td>2.78</td></tr> <tr><td>4-21-65....</td><td>0.56</td></tr> <tr><td>6-11-65....</td><td>0.66</td></tr> </tbody> </table>	8-26-64....	0.59	9-30-64....	1.09	11- 9-64....	2.78	4-21-65....	0.56	6-11-65....	0.66						
10- 4-63....	1.77																																					
12- 4-63....	3.78																																					
1- 3-64....	3.22																																					
2- 6-64....	3.31																																					
3-10-64....	5.49																																					
4- 9-64....	0.75																																					
5- 7-64....	0.59																																					
5-29-64....	0.56																																					
6-25-64....	0.62																																					
7-30-64....	0.55																																					
8-26-64....	0.59																																					
9-30-64....	1.09																																					
11- 9-64....	2.78																																					
4-21-65....	0.56																																					
6-11-65....	0.66																																					
133-50-2 aab	Total depth 172.8 ft.	Qd																																				
<table border="0"> <tbody> <tr><td>10- 1-63....</td><td>18.48</td></tr> <tr><td>11-20-63....</td><td>18.35</td></tr> <tr><td>12- 4-63....</td><td>18.49</td></tr> <tr><td>2- 6-64....</td><td>18.38</td></tr> <tr><td>3-10-64....</td><td>18.34</td></tr> </tbody> </table>	10- 1-63....	18.48	11-20-63....	18.35	12- 4-63....	18.49	2- 6-64....	18.38	3-10-64....	18.34	<table border="0"> <tbody> <tr><td>5- 7-64....</td><td>17.99</td></tr> <tr><td>5-29-64....</td><td>18.29</td></tr> <tr><td>6-25-64....</td><td>18.13</td></tr> <tr><td>7-30-64....</td><td>18.42</td></tr> <tr><td>8-26-64....</td><td>18.38</td></tr> </tbody> </table>	5- 7-64....	17.99	5-29-64....	18.29	6-25-64....	18.13	7-30-64....	18.42	8-26-64....	18.38	<table border="0"> <tbody> <tr><td>9-30-64....</td><td>18.47</td></tr> <tr><td>11- 9-64....</td><td>18.56</td></tr> <tr><td>12- 9-64....</td><td>19.67</td></tr> <tr><td>1-19-65....</td><td>19.93</td></tr> </tbody> </table>	9-30-64....	18.47	11- 9-64....	18.56	12- 9-64....	19.67	1-19-65....	19.93								
10- 1-63....	18.48																																					
11-20-63....	18.35																																					
12- 4-63....	18.49																																					
2- 6-64....	18.38																																					
3-10-64....	18.34																																					
5- 7-64....	17.99																																					
5-29-64....	18.29																																					
6-25-64....	18.13																																					
7-30-64....	18.42																																					
8-26-64....	18.38																																					
9-30-64....	18.47																																					
11- 9-64....	18.56																																					
12- 9-64....	19.67																																					
1-19-65....	19.93																																					

133-50-13 dad	Total depth 261.2 ft.	Qd																																										
<table border="0"> <thead> <tr> <th>Date</th> <th>Water Level</th> <th>Date</th> <th>Water Level</th> <th>Date</th> <th>Water Level</th> </tr> </thead> <tbody> <tr> <td>10- 1-63....</td> <td>11.42</td> <td>4- 9-64....</td> <td>11.13</td> <td>9-30-64....</td> <td>11.39</td> </tr> <tr> <td>11-20-63....</td> <td>11.47</td> <td>5- 7-64....</td> <td>10.91</td> <td>11- 9-64....</td> <td>11.52</td> </tr> <tr> <td>12- 4-63....</td> <td>11.48</td> <td>5-29-64....</td> <td>11.09</td> <td>12- 9-64....</td> <td>11.44</td> </tr> <tr> <td>1- 3-64....</td> <td>11.37</td> <td>6-25-64....</td> <td>10.99</td> <td>1-19-65....</td> <td>11.57</td> </tr> <tr> <td>2- 6-64....</td> <td>11.24</td> <td>7-30-64....</td> <td>11.38</td> <td>6-11-65....</td> <td>11.07</td> </tr> <tr> <td>3-10-64....</td> <td>11.25</td> <td>8-26-64....</td> <td>11.35</td> <td></td> <td></td> </tr> </tbody> </table>	Date	Water Level	Date	Water Level	Date	Water Level	10- 1-63....	11.42	4- 9-64....	11.13	9-30-64....	11.39	11-20-63....	11.47	5- 7-64....	10.91	11- 9-64....	11.52	12- 4-63....	11.48	5-29-64....	11.09	12- 9-64....	11.44	1- 3-64....	11.37	6-25-64....	10.99	1-19-65....	11.57	2- 6-64....	11.24	7-30-64....	11.38	6-11-65....	11.07	3-10-64....	11.25	8-26-64....	11.35				
Date	Water Level	Date	Water Level	Date	Water Level																																							
10- 1-63....	11.42	4- 9-64....	11.13	9-30-64....	11.39																																							
11-20-63....	11.47	5- 7-64....	10.91	11- 9-64....	11.52																																							
12- 4-63....	11.48	5-29-64....	11.09	12- 9-64....	11.44																																							
1- 3-64....	11.37	6-25-64....	10.99	1-19-65....	11.57																																							
2- 6-64....	11.24	7-30-64....	11.38	6-11-65....	11.07																																							
3-10-64....	11.25	8-26-64....	11.35																																									
133-51-21aaa2	Total depth 21 ft.	Qasd																																										
<table border="0"> <tbody> <tr> <td>10- 2-63....</td> <td>4.49</td> <td>2- 6-64....</td> <td>6.94</td> <td>8-26-64....</td> <td>3.14</td> </tr> <tr> <td>10-15-63....</td> <td>4.93</td> <td>3-10-64....</td> <td>6.79</td> <td>9-29-64....</td> <td>3.68</td> </tr> <tr> <td>11- 1-63....</td> <td>4.97</td> <td>4-10-64....</td> <td>4.86</td> <td>11-10-64....</td> <td>4.56</td> </tr> <tr> <td>11-18-63....</td> <td>5.06</td> <td>5-27-64....</td> <td>2.89</td> <td>12-10-64....</td> <td>5.09</td> </tr> <tr> <td>12- 4-63....</td> <td>5.43</td> <td>6-26-64....</td> <td>2.06</td> <td>1-20-65....</td> <td>5.86</td> </tr> <tr> <td>1- 3-64....</td> <td>6.36</td> <td>7-30-64....</td> <td>2.93</td> <td>3-31-65....</td> <td>6.78</td> </tr> </tbody> </table>	10- 2-63....	4.49	2- 6-64....	6.94	8-26-64....	3.14	10-15-63....	4.93	3-10-64....	6.79	9-29-64....	3.68	11- 1-63....	4.97	4-10-64....	4.86	11-10-64....	4.56	11-18-63....	5.06	5-27-64....	2.89	12-10-64....	5.09	12- 4-63....	5.43	6-26-64....	2.06	1-20-65....	5.86	1- 3-64....	6.36	7-30-64....	2.93	3-31-65....	6.78								
10- 2-63....	4.49	2- 6-64....	6.94	8-26-64....	3.14																																							
10-15-63....	4.93	3-10-64....	6.79	9-29-64....	3.68																																							
11- 1-63....	4.97	4-10-64....	4.86	11-10-64....	4.56																																							
11-18-63....	5.06	5-27-64....	2.89	12-10-64....	5.09																																							
12- 4-63....	5.43	6-26-64....	2.06	1-20-65....	5.86																																							
1- 3-64....	6.36	7-30-64....	2.93	3-31-65....	6.78																																							
133-52-13ccc2	Total depth 63 ft.	Qasd																																										
<table border="0"> <tbody> <tr> <td>10- 2-63....</td> <td>7.78</td> <td>3-10-64....</td> <td>9.58</td> <td>9-29-64....</td> <td>8.24</td> </tr> <tr> <td>10-15-63....</td> <td>8.08</td> <td>4-10-64....</td> <td>8.46</td> <td>11-10-64....</td> <td>8.75</td> </tr> <tr> <td>11- 1-63....</td> <td>8.20</td> <td>4-28-64....</td> <td>6.21</td> <td>12-10-64....</td> <td>9.03</td> </tr> <tr> <td>11-18-63....</td> <td>8.37</td> <td>5-29-64....</td> <td>7.07</td> <td>1-20-65....</td> <td>9.14</td> </tr> <tr> <td>12- 3-63....</td> <td>8.44</td> <td>6-25-64....</td> <td>6.38</td> <td>4-21-65....</td> <td>5.08</td> </tr> <tr> <td>1- 3-64....</td> <td>8.92</td> <td>7-30-64....</td> <td>8.11</td> <td>6-11-65....</td> <td>4.93</td> </tr> <tr> <td>2- 6-64....</td> <td>9.37</td> <td>8-26-64....</td> <td>7.63</td> <td></td> <td></td> </tr> </tbody> </table>	10- 2-63....	7.78	3-10-64....	9.58	9-29-64....	8.24	10-15-63....	8.08	4-10-64....	8.46	11-10-64....	8.75	11- 1-63....	8.20	4-28-64....	6.21	12-10-64....	9.03	11-18-63....	8.37	5-29-64....	7.07	1-20-65....	9.14	12- 3-63....	8.44	6-25-64....	6.38	4-21-65....	5.08	1- 3-64....	8.92	7-30-64....	8.11	6-11-65....	4.93	2- 6-64....	9.37	8-26-64....	7.63				
10- 2-63....	7.78	3-10-64....	9.58	9-29-64....	8.24																																							
10-15-63....	8.08	4-10-64....	8.46	11-10-64....	8.75																																							
11- 1-63....	8.20	4-28-64....	6.21	12-10-64....	9.03																																							
11-18-63....	8.37	5-29-64....	7.07	1-20-65....	9.14																																							
12- 3-63....	8.44	6-25-64....	6.38	4-21-65....	5.08																																							
1- 3-64....	8.92	7-30-64....	8.11	6-11-65....	4.93																																							
2- 6-64....	9.37	8-26-64....	7.63																																									
133-52-17ccc2	Total depth 53 ft.	Qasd																																										
<table border="0"> <tbody> <tr> <td>10- 3-63....</td> <td>7.57</td> <td>3-10-64....</td> <td>8.43</td> <td>9-29-64....</td> <td>6.38</td> </tr> <tr> <td>10-15-63....</td> <td>7.73</td> <td>4-10-64....</td> <td>7.32</td> <td>11-10-64....</td> <td>7.18</td> </tr> <tr> <td>11- 1-63....</td> <td>7.47</td> <td>4-28-64....</td> <td>4.14</td> <td>12-10-64....</td> <td>7.61</td> </tr> <tr> <td>11-18-63....</td> <td>7.59</td> <td>5-29-64....</td> <td>5.21</td> <td>1-20-65....</td> <td>8.09</td> </tr> <tr> <td>12- 3-63....</td> <td>7.55</td> <td>6-25-64....</td> <td>5.22</td> <td>3-31-65....</td> <td>8.66</td> </tr> <tr> <td>1- 3-64....</td> <td>8.06</td> <td>7-30-64....</td> <td>7.43</td> <td>6-11-65....</td> <td>3.83</td> </tr> <tr> <td>2- 6-64....</td> <td>8.54</td> <td>8-26-64....</td> <td>5.79</td> <td></td> <td></td> </tr> </tbody> </table>	10- 3-63....	7.57	3-10-64....	8.43	9-29-64....	6.38	10-15-63....	7.73	4-10-64....	7.32	11-10-64....	7.18	11- 1-63....	7.47	4-28-64....	4.14	12-10-64....	7.61	11-18-63....	7.59	5-29-64....	5.21	1-20-65....	8.09	12- 3-63....	7.55	6-25-64....	5.22	3-31-65....	8.66	1- 3-64....	8.06	7-30-64....	7.43	6-11-65....	3.83	2- 6-64....	8.54	8-26-64....	5.79				
10- 3-63....	7.57	3-10-64....	8.43	9-29-64....	6.38																																							
10-15-63....	7.73	4-10-64....	7.32	11-10-64....	7.18																																							
11- 1-63....	7.47	4-28-64....	4.14	12-10-64....	7.61																																							
11-18-63....	7.59	5-29-64....	5.21	1-20-65....	8.09																																							
12- 3-63....	7.55	6-25-64....	5.22	3-31-65....	8.66																																							
1- 3-64....	8.06	7-30-64....	7.43	6-11-65....	3.83																																							
2- 6-64....	8.54	8-26-64....	5.79																																									
133-52-34cdd2*	Total depth 52 ft.	Qasd																																										
<table border="0"> <tbody> <tr> <td>12- 3-63....</td> <td>6.99</td> <td>6-25-64....</td> <td>3.64</td> <td>1-20-65....</td> <td>5.77</td> </tr> <tr> <td>1- 3-64....</td> <td>7.14</td> <td>7-30-64....</td> <td>6.08</td> <td>2-20-65....</td> <td>6.96</td> </tr> <tr> <td>3-10-64....</td> <td>8.42</td> <td>8-26-64....</td> <td>5.29</td> <td>3-20-65....</td> <td>6.71</td> </tr> <tr> <td>4-10-64....</td> <td>6.40</td> <td>9-29-64....</td> <td>5.44</td> <td>4-21-65....</td> <td>2.25</td> </tr> <tr> <td>4-28-64....</td> <td>2.76</td> <td>11-10-64....</td> <td>5.94</td> <td>5-22-65....</td> <td>2.91</td> </tr> <tr> <td>5-23-64....</td> <td>4.13</td> <td>12-10-64....</td> <td>6.27</td> <td></td> <td></td> </tr> </tbody> </table>	12- 3-63....	6.99	6-25-64....	3.64	1-20-65....	5.77	1- 3-64....	7.14	7-30-64....	6.08	2-20-65....	6.96	3-10-64....	8.42	8-26-64....	5.29	3-20-65....	6.71	4-10-64....	6.40	9-29-64....	5.44	4-21-65....	2.25	4-28-64....	2.76	11-10-64....	5.94	5-22-65....	2.91	5-23-64....	4.13	12-10-64....	6.27										
12- 3-63....	6.99	6-25-64....	3.64	1-20-65....	5.77																																							
1- 3-64....	7.14	7-30-64....	6.08	2-20-65....	6.96																																							
3-10-64....	8.42	8-26-64....	5.29	3-20-65....	6.71																																							
4-10-64....	6.40	9-29-64....	5.44	4-21-65....	2.25																																							
4-28-64....	2.76	11-10-64....	5.94	5-22-65....	2.91																																							
5-23-64....	4.13	12-10-64....	6.27																																									
134-48-22ccc1	Total depth 292.2 ft.	---																																										
<table border="0"> <tbody> <tr> <td>5-29-64....</td> <td>5.03</td> <td>8-26-64....</td> <td>4.61</td> <td>12- 8-64....</td> <td>2.90</td> </tr> <tr> <td>6-25-64....</td> <td>4.73</td> <td>9-30-64....</td> <td>3.98</td> <td>1-18-65....</td> <td>4.88</td> </tr> <tr> <td>7-29-64....</td> <td>4.88</td> <td>11-10-64....</td> <td>3.67</td> <td>6- 9-65....</td> <td>0.44</td> </tr> </tbody> </table>	5-29-64....	5.03	8-26-64....	4.61	12- 8-64....	2.90	6-25-64....	4.73	9-30-64....	3.98	1-18-65....	4.88	7-29-64....	4.88	11-10-64....	3.67	6- 9-65....	0.44																										
5-29-64....	5.03	8-26-64....	4.61	12- 8-64....	2.90																																							
6-25-64....	4.73	9-30-64....	3.98	1-18-65....	4.88																																							
7-29-64....	4.88	11-10-64....	3.67	6- 9-65....	0.44																																							

\* Records are available for a well in or near this location since 1937.

134-51-9bbb2

Total depth 60 ft.

Qasd

Date	Water Level
9-24-63....	11.97
10- 2-63....	11.23
10-15-63....	12.43
10-31-63....	12.56
11-18-63....	13.04
12- 3-63....	13.11
1- 2-64....	13.49

Date	Water Level
2- 4-64....	13.99
3- 9-64....	14.22
4- 9-64....	12.10
4-28-64....	9.64
5-27-64....	11.03
6-26-64....	10.88
7-30-64....	13.63

Date	Water Level
8-27-64....	12.81
9-29-64....	13.52
11-10-64....	13.96
12-10-64....	14.24
1-20-65....	14.42
4-21-65....	9.47

134-51-29ccc2

Total depth 52 ft.

Qasd

Date	Water Level
10- 1-63....	5.32
10-15-63....	5.66
11- 1-63....	5.43
11-18-63....	5.64
12- 3-63....	5.86
1- 3-64....	7.08
2- 4-64....	7.80

Date	Water Level
3-10-64....	7.60
4-10-64....	5.54
4-28-64....	2.07
5-27-64....	3.28
6-25-64....	1.97
7-30-64....	5.47
8-27-64....	4.14

Date	Water Level
9-29-64....	4.88
11-10-64....	5.54
12-10-64....	6.67
1-20-65....	7.89
3-31-65....	8.63
4-21-65....	4.27
6-11-65....	2.19

134-52-3ddd2

Total depth 50 ft.

Qasd

Date	Water Level
9-24-63....	4.05
10- 2-63....	4.38
10-15-63....	4.63
10-31-63....	4.68
11-18-63....	4.77
12- 2-63....	4.86
1- 2-64....	5.19
2- 4-64....	5.63

Date	Water Level
3- 9-64....	5.70
4- 9-64....	3.85
4-28-64....	2.25
5-27-64....	3.56
6-26-64....	3.04
7-30-64....	4.83
8-27-64....	4.58
9-29-64....	5.48

Date	Water Level
11-10-64....	5.78
12-10-64....	6.03
1-11-65....	6.26
3-31-65....	6.73
4-21-65....	3.03
5-24-65....	2.50
6-10-65....	2.59

134-52-6ccd2

Total depth 40 ft.

Qasd

Date	Water Level
9-24-63....	4.81
10- 2-63....	5.39
10-14-63....	5.51
10-31-63....	5.19
11-18-63....	5.54*
12- 2-63....	5.54
1- 2-64....	5.81
1-14-64....	5.87

Date	Water Level
2- 4-64....	6.17
3- 9-64....	6.33
4- 9-64....	5.89
4-28-64....	2.25
5-27-64....	3.54
6-26-64....	2.99
7-30-64....	5.48
8-27-64....	5.19

Date	Water Level
9-28-64....	5.48
11- 9-64....	6.12
12-10-64....	6.40
1-11-65....	6.72
3-31-65....	7.08
4-21-65....	2.71

134-52-27ccc2

Total depth 63 ft.

Qasd

Date	Water Level
9-27-63....	5.92
10- 2-63....	6.11
10-15-63....	6.38
10-31-63....	6.29
11-18-63....	6.49
12- 4-63....	6.54

Date	Water Level
1- 3-64....	7.77
3-10-64....	7.57
4-28-64....	3.55
5-27-64....	4.66
6-25-64....	4.66
7-30-64....	6.98

Date	Water Level
8-27-64....	6.54
9-29-64....	7.11
11-10-64....	7.53
12-10-64....	7.78
1-20-65....	7.94

134-52-31bbb2

Total depth 63 ft.

Qasd

Date	Water Level
9-27-63....	6.53
10- 2-63....	7.80
10-15-63....	7.93
10-31-63....	8.09
11-18-63....	8.22
12- 4-63....	8.27
1- 3-64....	8.70

Date	Water Level
3-10-64....	9.35
4- 9-64....	8.72
4-28-64....	6.91
5-27-64....	7.53
6-25-64....	7.52
7-30-64....	8.67
8-27-64....	6.68

Date	Water Level
9-29-64....	9.23
11-10-64....	9.54
12-10-64....	9.79
4-21-65....	8.00
6-10-65....	7.06

\* Water-level recorder installed



135-51-4ccc2

Total depth 83 ft.

Qasd

Date	Water Level
9-18-63....	17.96
9-24-63....	17.89
10- 3-63....	18.14
10-14-63....	18.44
11-10-63....	18.66
12- 2-63....	18.76
1- 2-64....	19.08

Date	Water Level
3- 9-64....	19.72
4-28-64....	18.61
5-26-64....	18.06
7-31-64....	19.25
8-27-64....	19.74
9-29-64....	20.06
11-10-64....	20.26

Date	Water Level
12-10-64....	20.31
1-20-65....	20.42
4-20-65....	20.13
5-24-65....	18.79
6-11-65....	18.54

135-51-23aaa2

Total depth 59 ft.

Qasd

Date	Water Level
9-24-63....	5.69
10- 3-63....	6.19
10-15-63....	6.70
10-31-63....	6.72
11-18-63....	6.85
12- 2-63....	6.92
1- 2-64....	7.41

Date	Water Level
2- 6-64....	7.77
3- 9-64....	8.16
4- 9-64....	6.04
4-28-64....	3.33
5-26-64....	4.67
7-31-64....	7.85
8-27-64....	8.09

Date	Water Level
9-29-64....	8.37
11-10-64....	8.32
12-10-64....	8.39
1-20-65....	8.47
4-20-65....	4.33
5-24-65....	4.26
6-11-65....	4.31

135-52-7bbb2

Total depth 63 ft.

Qasd

Date	Water Level
9-18-63....	1.96
10- 3-63....	1.21
10-14-63....	3.16
10-31-63....	3.42
11-18-63....	3.60

Date	Water Level
12- 2-63....	3.72
4-28-64....	4.76
5-26-64....	4.91
6-26-64....	5.07
7-30-64....	5.23

Date	Water Level
8-27-64....	5.33
9-29-64....	5.51
11-10-64....	5.71
4-20-65....	6.94

135-52-10aca2

Total depth 38 ft.

Qasd

Date	Water Level
9-18-63....	8.27
10- 3-63....	8.38
10-14-63....	8.42
10-31-63....	8.49
11-18-63....	8.57
12- 2-63....	8.67
1- 2-64....	8.79
1-15-64....	8.87*

Date	Water Level
2- 4-64....	8.85
3- 9-64....	9.17
4- 9-64....	8.97
4-26-64....	8.41
5-26-64....	8.32
6-26-64....	8.44
7-30-64....	8.98
8-27-64....	9.21

Date	Water Level
9-29-64....	9.42
11- 9-64....	9.62
12-10-64....	9.77
1-11-65....	9.90
3-31-65....	10.24
4-20-65....	9.11

135-52-10eac1

Total depth 240 ft.

Qasd

Date	Water Level
9-18-63....	10.77
10- 3-63....	11.29
10-14-63....	10.87
10-31-63....	10.95
11-18-63....	10.97
12- 2-63....	11.03
1- 2-64....	10.88
2- 4-64....	11.08

Date	Water Level
3- 9-64....	11.19
4- 9-64....	11.24
4-28-64....	11.02
5-26-64....	11.14
6-26-64....	11.16
7-30-64....	11.32
8-27-64....	11.38
9-29-64....	11.64

Date	Water Level
11- 9-64....	11.73
12-10-64....	11.73
1-11-65....	11.78
3-31-65....	11.84
4-20-65....	11.62
5-25-65....	11.45
6-10-65....	12.57

132-52-21ccc

Total depth 50 ft.

Qasd

Date	Water Level
9-24-63....	5.44
10- 3-63....	5.65
10-14-63....	5.82
10-31-63....	5.85
11-18-63....	5.90
12- 2-63....	5.99
1- 2-64....	6.22

Date	Water Level
2- 4-64....	6.53
3- 9-64....	6.79
4-28-64....	4.01
5-26-64....	5.08
6-26-64....	4.82
7-30-64....	6.23
8-27-64....	6.31

Date	Water Level
10-29-64....	6.67
11-10-64....	6.84
12-10-64....	7.04
1-20-65....	7.17
4-21-65....	5.07
5-25-65....	4.57
6-10-65....	4.79

\* Water-level recorder installed this date

136-49-6caa		Total depth 59.0 ft.		Qd
	Date	Water Level	Date	Water Level
	1- 2-64....	11.57	7-31-64....	12.29
	2- 4-64....	11.43	8-27-64....	12.78
	3- 9-64....	11.46	11-10-64....	13.38
	5-29-64....	11.24	12- 8-64....	13.46
			6-11-65....	13.12
136-50-19 ccc		Total depth 40 ft.		Qasd
	9-18-63....	4.75	3- 9-64....	6.49
	10- 3-63....	5.34	4- 8-64....	5.46
	10-14-63....	5.64	4-28-64....	2.86
	10-31-63....	5.72	5-26-64....	4.09
	11-18-63....	5.84	7-31-64....	5.69
	12- 2-63....	5.89	8-27-64....	5.91
	1- 2-64....	6.20	9-29-64....	5.13
	2- 4-64....	6.33	11-10-64....	6.38
			12-10-64....	6.45
			1-20-65....	6.65
			4- 1-65....	7.12
			4-20-65....	2.89
			5-24-65....	3.15
			6-11-65....	3.07
136-51-28cbc2		Total depth 42 ft.		Qasd
	7-31-64....	16.60	11-10-64....	17.38
	8-27-64....	17.09	12-10-64....	18.11
	9-29-64....	17.52	1-20-65....	18.38
			4-20-65....	16.80
			5-24-65....	15.77
			6-10-65....	15.25
136-52-3aaa2		Total depth 42 ft.		Qasd
	10-10-63....	4.19	3- 9-64....	5.22
	10-15-63....	4.24	4- 9-64....	3.59
	10-31-63....	4.37	4-28-64....	1.04
	11-18-63....	4.48	5-26-64....	2.55
	12- 2-63....	4.59	6-26-64....	1.81
	1- 2-64....	4.87	7-30-64....	3.98
	2- 4-64....	4.17	8-27-64....	3.68
			9-29-64....	4.22
			11-10-64....	4.61
			12-10-64....	4.86
			1-20-65....	5.03
			4-20-65....	0.63
			6-10-65....	1.18
136-52-6bbb2		Total depth 42 ft.		Qasd
	10-15-63....	4.71	3- 9-64....	6.38
	10-31-63....	4.76	4- 9-64....	5.22
	11-18-63....	4.92	5-28-64....	2.82
	12- 2-63....	5.04	7-30-64....	4.38
	1- 2-64....	5.71	8-27-64....	3.58
	2- 5-64....	6.17	9-29-64....	4.01
			11-10-64....	4.66
			12-10-64....	5.24
			1-20-65....	5.58
			4-20-65....	0.29
			6-10-65....	1.21
136-52-12bbb2		Total depth 18 ft.		Qasd
	10-31-63....	6.30	4- 9-64....	4.75
	11-18-63....	6.33	4-28-64....	2.61
	12- 2-63....	6.40	5-26-64....	4.59
	1- 2-64....	6.58	6-26-64....	3.35
	2- 4-64....	6.90	7-30-64....	6.08
	3- 9-64....	6.77	8-27-64....	6.29
			9-29-64....	6.44
			11-10-64....	6.53
			12-10-64....	6.79
			1-20-65....	7.02
			4-20-65....	2.85
			6-10-65....	3.53

136-52-17 ddd	Total depth 16 ft.	Qasd
Date	Date	
10-31-63.... 5.92	5-26-64.... 5.12	12-10-64.... 7.26
11-18-63.... 5.94	6-26-64.... 4.52	1-20-65.... 7.51
12- 2-64.... 6.22	7-30-64.... 6.63	4-20-65.... 5.31
1- 2-64.... 6.59	8-27-64.... 6.44	6-10-65.... 5.67
2- 5-64.... 6.99	9-29-64.... 6.82	
3- 9-64.... 7.27	11-10-64.... 7.22	

136-52-22ddd2	Total depth 42 ft.	Qasd
10-10-63.... 6.17	4- 9-64.... 6.49*	12-10-64.... 7.53
10-15-63.... 6.24	4-28-64.... 4.07	1-11-65.... 8.01
10-31-63.... 6.29	5-27-64.... 5.72	3-31-65.... 8.19
11-18-63.... 6.38	6-26-64.... 5.57	4-20-65.... 5.10
12- 2-63.... 6.49	7-30-64.... 7.06	5-25-65.... 5.32
1- 2-64.... 6.75	8-27-64.... 6.99	6-10-65.... 5.71
2- 4-64.... 7.08	9-29-64.... 7.34	
3- 9-64.... 7.14	11- 9-64.... 8.16	

\* Water-level recorder installed this date.

Table 3. Chemical analyses of water from selected wells

SOURCE: Kd, Dakota Sandstone, may include other bedrock water-bearing units; Qd, till and associated glacioaqueous deposits, includes buried and surficial outwash deposits and isolated bodies of sand and gravel within the till; Qab, deposits of Lake Agassiz beaches; Qsd, Sheyenne delta deposits of glacial Lake Agassiz; Qm, Minor channel deposits.

NOTES: 1 - Difference between anion and cation equivalents per million (ppm) exceeds one percent of total anion-cation equivalents.  
2 - Precipitate (CaCO<sub>3</sub>) noted on wall of sample container at time of analysis.

[Analytical results in parts per million except as indicated]

Location	Depth Feet	Source	Date of collection	Temperature (°F)	Silica (SiO <sub>2</sub> )	Total iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Carbonate (CO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids			Percent sodium adsorption ratio	Specific conductance (micro-mhos at 25°C)	pH	Remarks			
																		Sum	Hardness as CaCO <sub>3</sub>								
																			Residue on evaporation at 180°C	Calcium magnesium					Non-carbonate		
129-48-2daa1	110	Qd	7-22-64	50	22	4.1	79	47	341	7.8	486	0	420	215	0.6	9.0	0.55	1380	1420	390	0	65	7.5	2090	8.1		
129-48-27 ccc	32	Qab	7-22-64	..	23	1.3	103	34	18	6.2	376	0	114	12	.5	1.0	..	497	517	396	82	9	..	807	7.9		
129-48-28 cdd	30	Qd	10-15-62	..	..	..	..	..	..	..	284	0	93	8	..	12	..	..	490	350	117	..	..	797	7.5		
129-49-9 bcb	35	Qab	7-22-64	52	25	.8	62	27	4.7	4.0	328	0	12	1.0	..	..	..	298	326	268	0	3	..	531	8.2		
129-50-5 bbb	180	Qd	10-22-64	..	22	..	80	28	49	8.8	149	0	302	1.0	..	..	..	564	632	314	192	25	1.2	857	8.1		
129-50-5 bcb	80	Qd	7-22-64	46	21	2.7	174	60	17	8.5	486	0	316	2.0	..	..	..	564	632	314	192	25	1.2	857	8.1		
129-50-13 dab	100	Qd	7-22-64	50	23	1.6	246	74	145	14	464	0	782	29	.4	3.5	..	841	843	680	282	5	..	1160	7.9		
129-51-1 dbb	190	Qd	10-28-64	..	21	..	85	52	27	9.4	198	0	318	2.5	..	..	..	613	1620	920	522	25	2.1	2020	7.6		
129-51-7 sas	710	Kd	7-22-64	65	7.5	..	14	7.8	1270	15	446	0	1280	821	5.9	6.9	4.0	3640	3680	66	0	97	66	..	5520	8.0	
129-1-13 beb	120	Qd	10-28-64	..	21	..	86	41	14	4.8	302	0	172	..	..	..	..	488	503	384	0	7	..	752	7.8		
129-51-17 sad (LTL)	184	Qd	7-22-64	51	24	1.5	146	29	3.6	5.5	407	0	155	3.9	..	..	..	569	616	485	152	2	..	865	7.9		
129-52-8 dsd	90	Qd	7-22-64	49	22	..	121	31	6.6	6.3	329	0	174	3.0	..	..	..	526	534	428	158	3	..	835	7.8		
130-47-21 dba	115	Qd	5-8-65	..	22	..	64	35	168	5.0	628	0	89	35	..	15	..	744	772	302	0	54	4.2	1190	7.9		
130-47-3 sab	48	Qd	10-9-62	46	..	2.2	..	..	..	..	300	0	481	79	..	18	1.22	1227	340	94	..	..	..	1831	7.6		
130-48-27 sda	90	Qd	7-21-64	48	22	5.3	160	56	134	11	442	0	512	28	..	5.0	..	1150	1210	630	268	31	2.3	1590	7.9		
130-48-31 dad	330	Kd	7-21-64	67	6.2	1.4	33	16	1390	16	307	0	1450	1020	4.4	7.0	3.5	4090	4140	150	0	95	49	6060	8.2		
130-49-1 ddb	..	..	10-9-62	..	..	..	..	..	..	..	288	0	1494	335	..	..	..	..	2745	1820	1580	0	..	..	4840	7.3	
130-50-3saa1	68	Qab	1-19-65	49	24	..	82	18	7.6	4.3	332	0	26	6.0	..	..	..	333	330	278	6	6	..	536	7.6		
130-50-17 ddd	60	Qm	10-20-64	..	21	3.2	78	107	38	13	260	0	497	4.0	..	..	..	889	932	635	422	11	..	1250	8.2		
130-50-27bbb2	100	Qd	10-20-64	..	22	..	112	57	35	9.6	405	0	261	3.0	..	..	..	699	735	515	183	13	..	1030	7.6		
130-51-25 adb	74	Qd	7-22-64	..	23	..	181	30	25	9.0	407	0	296	3.9	..	..	..	769	856	575	242	9	..	1190	7.8		
130-52-10 cea	60	Qm	7-22-64	50	25	..	147	48	65	19	605	0	218	6.0	..	..	..	827	836	565	69	19	1.2	1240	7.4		
130-52-12 beb	40	Qm	10-14-64	..	25	..	94	29	27	6.8	339	0	127	5.5	..	..	..	482	514	352	125	14	..	750	7.6		
130-52-13 beb	65	Qm	1-18-65	50	25	..	154	40	175	19	559	0	450	22	..	3.2	..	1160	1170	550	92	40	3.2	1660	7.5		
130-52-29 daa	640	Kd	7-22-64	59	8.0	..	15	7.8	970	20	334	0	1290	414	7.4	12	2.8	2900	2960	70	0	93	50	..	4230	8.0	
131-47-7 dad	256	Kd	7-21-64	56	6.9	..	..	5.4	650	10	486	41	464	364	4.4	4.5	3.2	1790	1850	42	0	96	44	2880	8.5		
131-48-28 aaa	290	Kd	7-21-64	51	7.0	..	32	29	778	14	327	7	784	578	3.5	4.0	2.0	2400	2360	200	0	89	24	3560	8.3		
131-49-5 bbb	126	Qd	7-22-64	54	24	1.7	128	52	405	48	350	0	950	146	..	..	..	1930	1940	535	245	60	7.6	2620	7.7		
131-49-34 aba	120	Qd	7-22-64	51	22	..	116	39	250	19	262	0	658	88	..	..	..	1320	1350	450	235	53	7.1	1790	7.6		
131-50-21 dac	75	Qab	7-22-64	64	26	..	55	12	31	8.6	244	0	63	1.0	..	..	..	317	324	186	0	26	1.0	515	7.7		
131-51-15 ecb	45	Qd	7-22-64	57	28	1.5	199	56	66	20	518	0	439	5.0	..	..	..	1090	1100	725	300	16	1.1	1510	7.3		
131-51-31 dba	760	Kd	7-22-64	56	6.9	..	12	6.1	990	13	478	0	1130	443	6.7	12	2.7	2910	2990	55	0	96	56	4350	8.0		
131-52-11 ddd	62	Qd	7-22-64	..	23	..	128	85	102	18	550	0	446	2.0	..	..	..	1090	1110	670	219	24	1.7	1550	7.4		
131-52-32 ccc	800	Kd	7-22-64	63	6.8	..	14	3.9	1020	21	544	0	1170	443	6.3	5.5	3.4	2950	2980	50	0	97	63	4290	8.1		
132-47-8 abd	420	Kd(?)	1-12-65	50	7.6	..	9.6	5.1	357	13	544	0	245	98	3.8	1.0	..	1000	994	45	0	93	23	1590	8.0		
132-47-8 ecb	265	Kd	1-18-65	49	8.4	..	8.0	10	380	7.3	734	0	150	104	3.5	1.0	2.2	1030	1040	63	0	92	21	1670	8.0		
132-48-10 beb	100	..	9-21-64	23	..	..	..	98	332	10	437	0	1090	49	1.14	..	..	2000	2060	835	477	46	5.0	2630	7.7		
132-48-29 beb	90	Qd	7-21-64	47	23	..	69	65	177	11	411	0	398	60	..	6.5	..	1020	1030	440	103	46	3.7	1460	8.1		
132-49-0 cab	150	Qd	7-22-64	..	23	2.1	140	56	564	5.8	302	0	1120	328	..	3.0	..	2430	2460	580	332	66	10	3200	7.6		
132-49-12aa1	240	..	9-18-64	48	21	..	34	10	506	5.8	424	0	558	220	1.9	2.0	1.5	1570	1660	127	0	89	20	2420	8.0		
132-49-12aaa2	80	..	9-18-64	..	26	1.0	69	31	634	15	228	0	1000	302	1.0	2.0	1.1	2190	2330	250	63	84	17	3330	5.9		
132-50-6 dcb	530	Kd	7-21-64	47	7.0	..	30	18	1250	21	315	0	1230	970	5.1	..	..	3680	3730	150	0	94	44	5800	7.9		
132-50-10 beb	220	..	9-23-64	..	20	2.4	63	53	654	20	302	0	1060	515	..	3.0	1.9	2640	2710	625	378	59	11	4000	7.3		
132-50-31 bbb	200	..	9-30-64	..	27	..	89	36	584	12	278	0	929	322	..	2.5	2.1	2130	2130	360	132	77	13	3060	7.8		
132-51-5 ccd	600	Kd	7-31-64	56	6.0	2.9	15	4.0	1060	34	479	0	1170	465	8.1	3.0	4.4	3000	3140	54	0	96	63	4390	8.0		

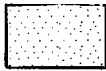

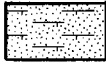

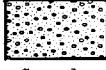


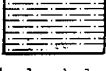
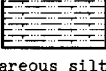
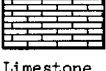
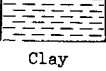
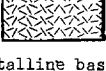
Table 3. Chemical analyses of water from selected wells

[Analytical results in parts per million except as indicated]

Location	Depth Feet	Source	Date of collection	Temperature (°F)	Silica (SiO <sub>2</sub> )	Total iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Carbonate (CO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids		Hardness as CaCO <sub>3</sub>		Percent sodium	Sodium-adsorption ratio	Specific conductance (micro-mhos at 25°C)	pH	Remarks
																		Sum	Residue on evaporation at 180°C	Calcium, magnesium	Noncarbonate					
132-51-33 ecc	66	Qasd	7-31-64	50	39	0.86	139	44	61	15	481	0	274	2.9	0.4	3.1	0.38	813	866	528	134	19	1.2	1080	7.2	
132-52-1 dad	55	Qasd	1-12-65	49	21	.70	140	57	90	12	706	0	205	2.0	.4	1.7	.00	876	883	585	6	25	1.6	1250	7.8	
132-52-6bbb2	42	Qasd	10-3-63	..	21	.14	78	57	106	5.3	678	0	82	26	.4	0	0	709	778	432	0	35	2.2	1349	7.8	
132-52-19ebb1	550	Kd	7-30-64	57	6.8	1.2	5.2	6.6	1010	10	546	0	1200	405	5.6	.0	4.0	2930	2950	40	0	98	69	4460	8.1	
132-47-17 ddd	70	Qd	9-16-64	..	24	.31	128	63	9.6	7.1	423	0	246	6.0	.5	2.0	.00	694	738	580	234	3	.2	1120	8.0	
133-46-11 add	72	Qd	7-23-64	50	23	.94	25	24	710	17	278	0	1100	335	5.7	3.0	1.8	2420	2460	286	58	83	18	3410	7.9	
133-49-23 deb	240	Qd	7-23-64	57	23	1.5	78	28	652	18	310	0	1020	310	3.7	4.0	2.2	2290	2310	310	56	81	16	3370	7.9	
133-50-10 ddd	175	Qd	7-31-64	..	27	.65	50	16	808	22	327	0	1180	345	3.7	4.6	2.1	2610	2550	190	0	89	25	3650	7.7	
133-52-13ccc2	63	Qasd	10-2-63	..	20	.09	70	44	22	7.8	459	0	12	0	.1	0	0	402	412	356	0	12	.6	773	8.1	1
133-52-17ccc2	53	Qasd	10-2-63	..	24	.08	62	39	24	8.5	410	0	20	2.0	.3	0	0	382	406	316	0	14	.6	697	7.9	1
133-52-35 cdd	18	Qasd	7-30-64	47	24	1.3	70	47	43	8.4	516	0	43	5.4	.3	.0	.35	496	526	368	0	20	1.0	784	7.3	
134-41-9 dab	390	....	7-23-64	56	22	.19	6.4	2.9	325	9.0	438	7	217	110	.4	3.0	1.2	918	934	28	0	95	27	1380	8.4	
134-49-20 bab	96	Qd	7-23-64	48	23	.86	96	32	692	19	273	0	1060	345	.9	1.0	1.9	2360	2390	370	146	78	15	3630	7.9	
134-50-36 add	25	Qasd	7-31-64	..	14	3.9	264	168	70	78	715	0	605	113	.4	288	.00	1960	1960	1350	765	9	.8	2640	7.9	
134-51-90bb2	60	Qasd	9-23-63	..	20	.45	57	47	106	8.0	430	19	165	20	.4	0	0	655	671	334	0	40	2.5	1059	8.5	
134-51-26 ada	73	Qasd	7-30-64	49	24	3.2	73	32	25	10	431	0	25	1.5	.2	2.0	.00	408	432	316	0	14	.6	806	7.4	
134-51-29ccc2	52	Qasd	9-27-63	..	23	.27	72	28	16	3.9	371	0	30	0	.2	0	.60	356	359	294	0	10	.4	618	7.7	
134-52-34dd2	50	Qasd	9-19-63	..	24	.09	70	39	14	7.5	425	0	6.6	2.0	.2	0	0	372	394	336	0	8	.5	730	7.9	1
134-52-31bbb2	63	Qasd	9-25-63	..	20	.34	48	18	72	4.0	225	0	120	32	.9	4.0	.21	425	415	194	10	44	2.2	706	7.8	
135-48-19 ddd	75	Qd	7-23-64	48	25	2.7	109	104	95	11	720	0	305	8.0	.5	8.4	.65	1020	1040	700	110	22	1.6	1530	7.4	
135-49-15 bbb	386	....	7-23-64	49	23	5.1	106	27	325	18	364	0	464	230	.4	2.0	2.1	1380	1390	375	77	64	7.3	2180	8.0	
135-49-30 cdd	100	Qd	7-23-64	..	23	1.3	118	35	538	19	295	0	895	325	.6	3.0	1.3	2100	2160	440	198	72	11	3220	7.7	
135-51-23aaa2	59	Qasd	9-24-63	..	22	.07	53	34	26	6.9	332	0	34	6.0	.1	0	0	346	371	272	0	16	.6	645	7.9	1
135-52-10ccc1	294	Qd	9-13-63	..	24	.50	78	29	944	36	342	0	1160	650	.7	0	2.13	3090	3250	315	35	85	23	4865	7.5	
136-48-31 aee	72	Qd	7-31-64	46	23	8.3	456	124	177	17	495	0	1550	32	.3	1.5	.65	2630	2750	1650	1250	19	1.9	3030	7.8	
135-49-6 bab	78.4	Qd	7-31-64	50	23	1.8	197	69	321	28	376	0	765	290	.5	.0	1.2	1880	1930	775	467	46	5.0	2790	7.5	
136-49-19 cca	170	Qd	7-31-64	48	22	.98	111	32	306	16	287	0	438	293	.7	3.0	1.4	1350	1360	410	191	61	6.6	2160	8.2	
136-50-10 bbc	150	Qd	7-31-64	47	25	.15	48	38	367	12	332	0	433	260	.4	5.0	.70	1350	1370	276	4	73	9.6	2020	8.1	
136-51-2 aab	105	Qasd	7-31-64	51	25	1.8	99	37	206	12	466	0	232	145	.3	4.8	.60	1040	1040	400	18	52	4.5	1510	7.7	
136-51-6 aac	60	Qasd	7-31-64	..	22	.11	28	26	12	7.5	206	10	34	.5	.3	1.0	.00	242	258	176	0	12	.4	408	8.5	
136-52-22ddd2	42	Qasd	10-8-63	..	22	.48	74	23	9.2	4.0	293	0	55	0	.4	1.0	0	332	328	280	40	7	.2	570	7.8	

Table 4 - Logs of test holes

Explanation of Lithologic Symbols

	
Sand or sandstone	Till
	
Calcareous sand or sandstone	Shale
	
Gravel	Calcareous shale
	
Silt or siltstone	Sandy shale
	
Calcareous silt or siltstone	Limestone
	
Clay	Crystalline basement rocks and clay

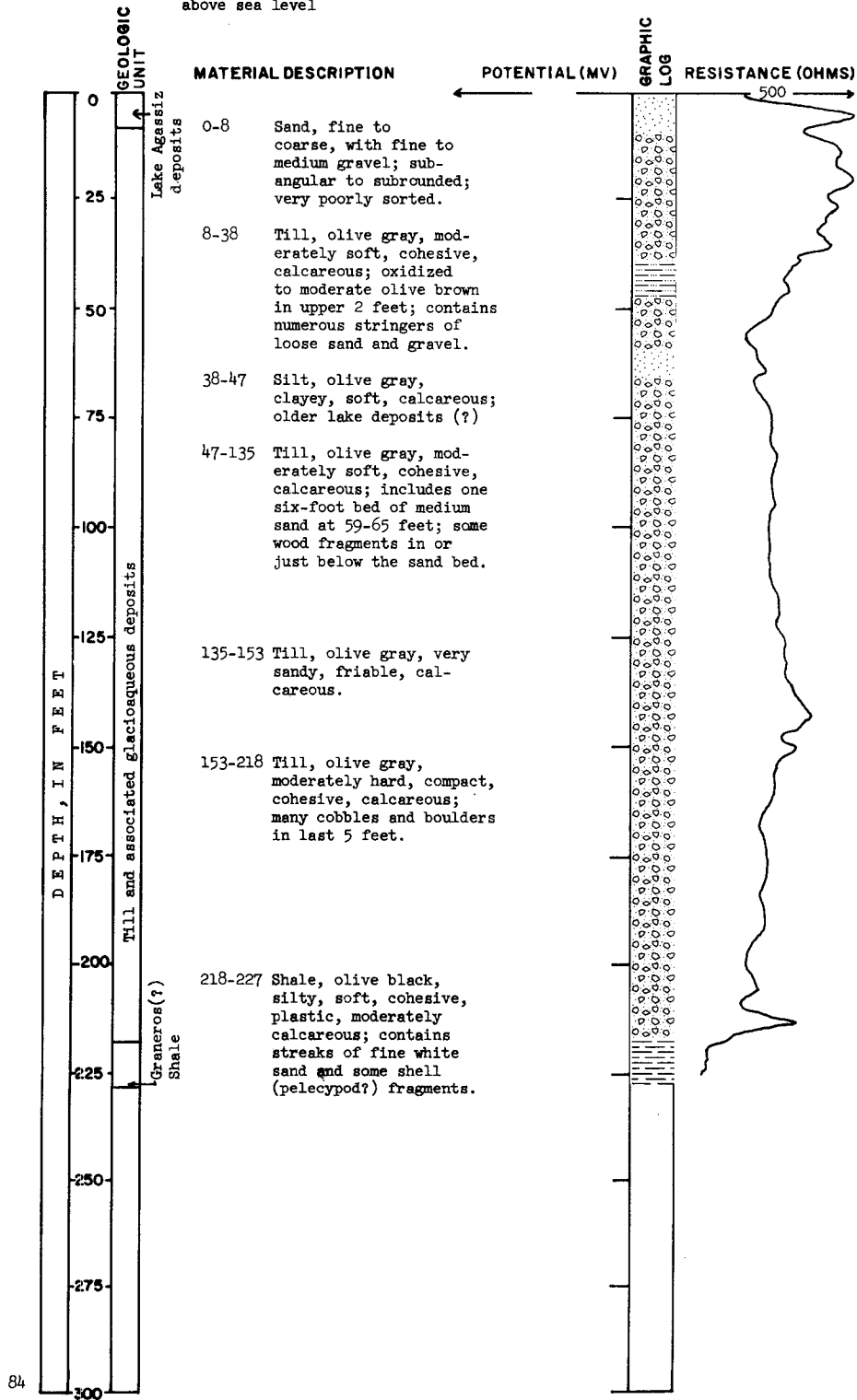
TEST HOLE 3187

LOCATION: 129-47-30ccc

DATE DRILLED: Oct. 27, 1964

ELEVATION: 1008 feet  
above sea level

DEPTH: 227 feet



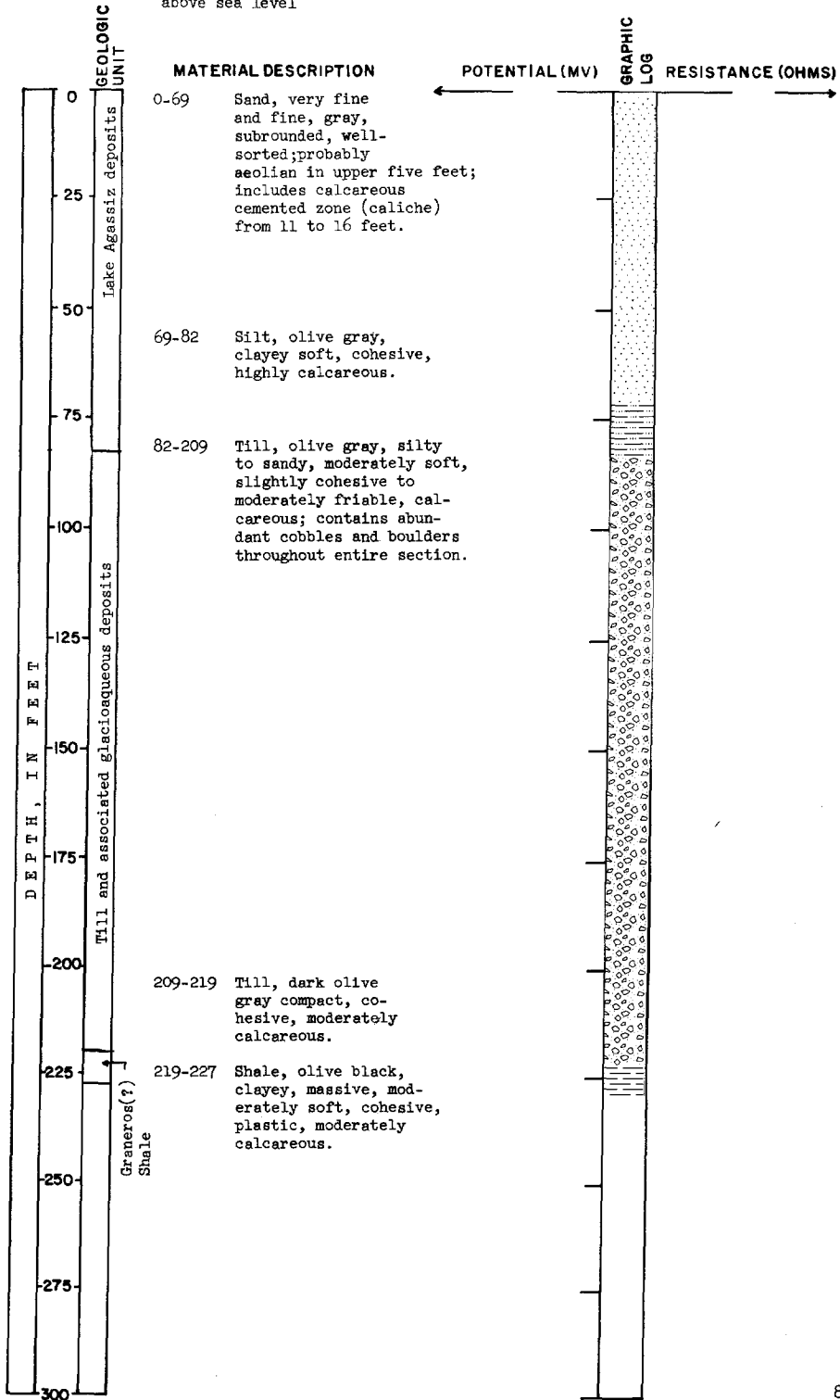
LOCATION: 129-49-13bbb2

TEST HOLE 3188

DATE DRILLED: Oct. 28, 1964

ELEVATION: 1051 feet  
above sea level

DEPTH: 227 feet





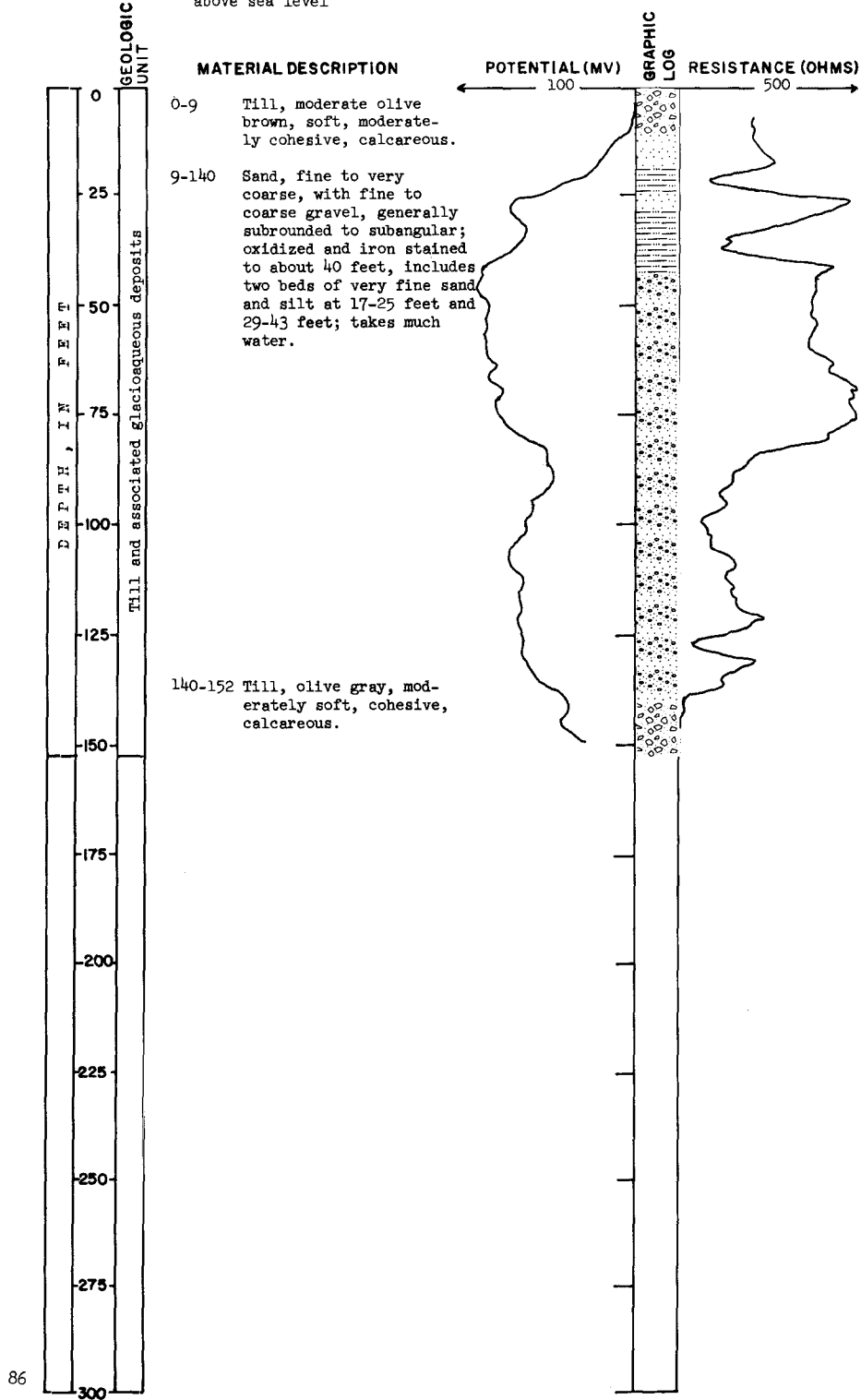
TEST HOLE 3180

LOCATION: 129-50-5bbb

DATE DRILLED: Oct. 20, 1964

ELEVATION: 1218 feet  
above sea level

DEPTH: 152 feet



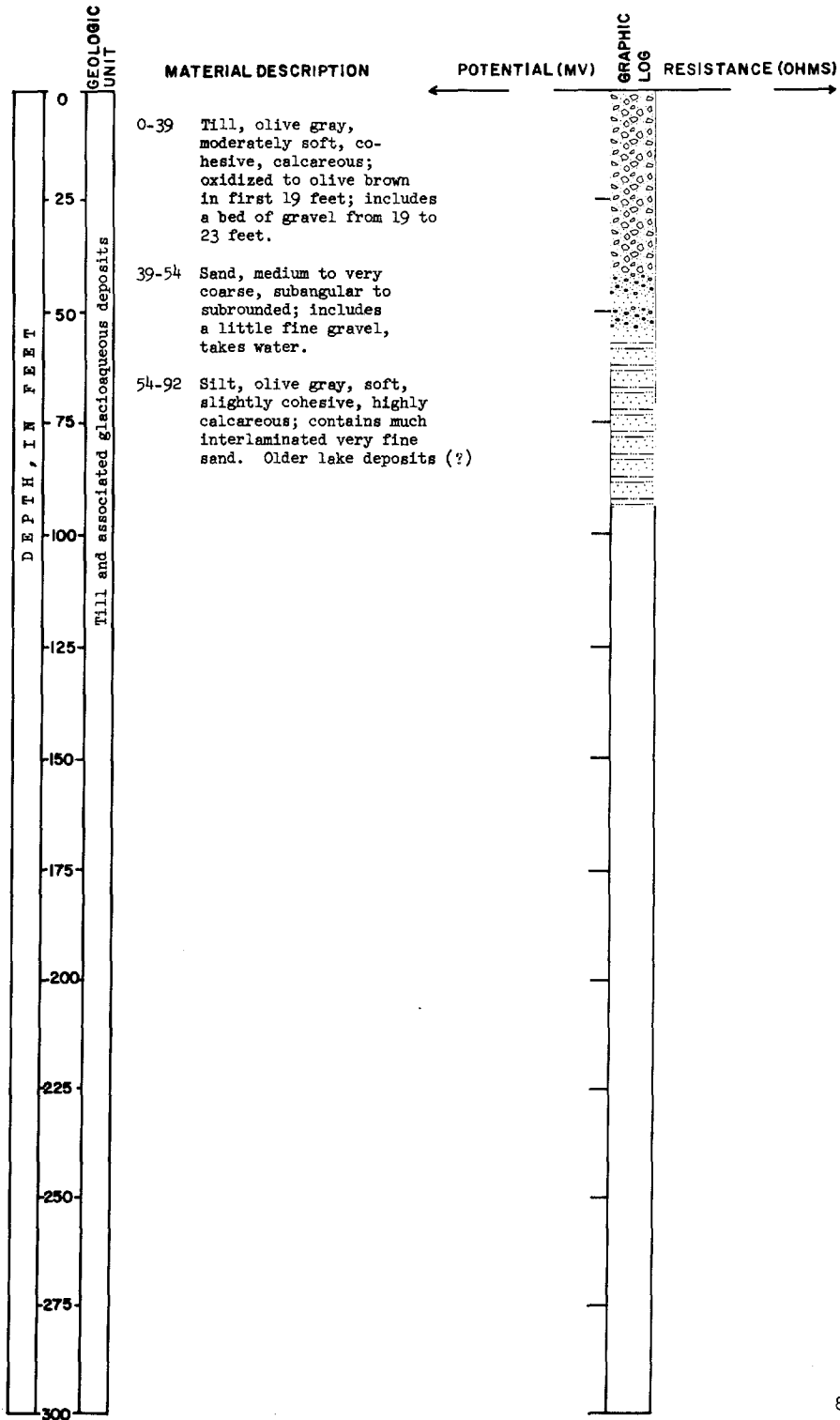
LOCATION: 129-50-15bbb2

TEST HOLE 3185

DATE DRILLED: Oct. 23, 1964

ELEVATION:

DEPTH: 92 feet



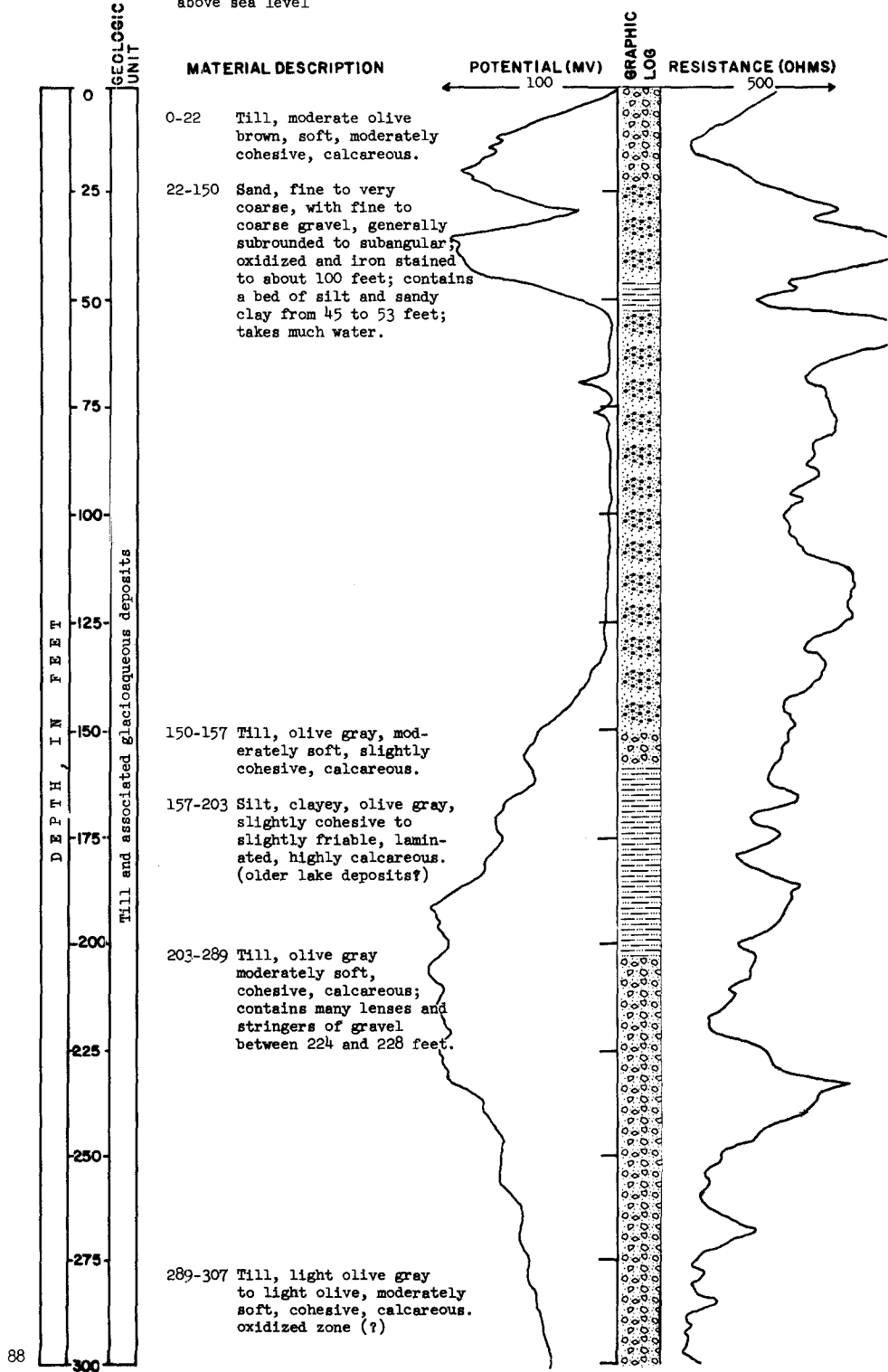
TEST HOLE 3181

LOCATION: 129-51-1bbb

DATE DRILLED: Oct. 21, 1964

ELEVATION: 1195 feet  
above sea level

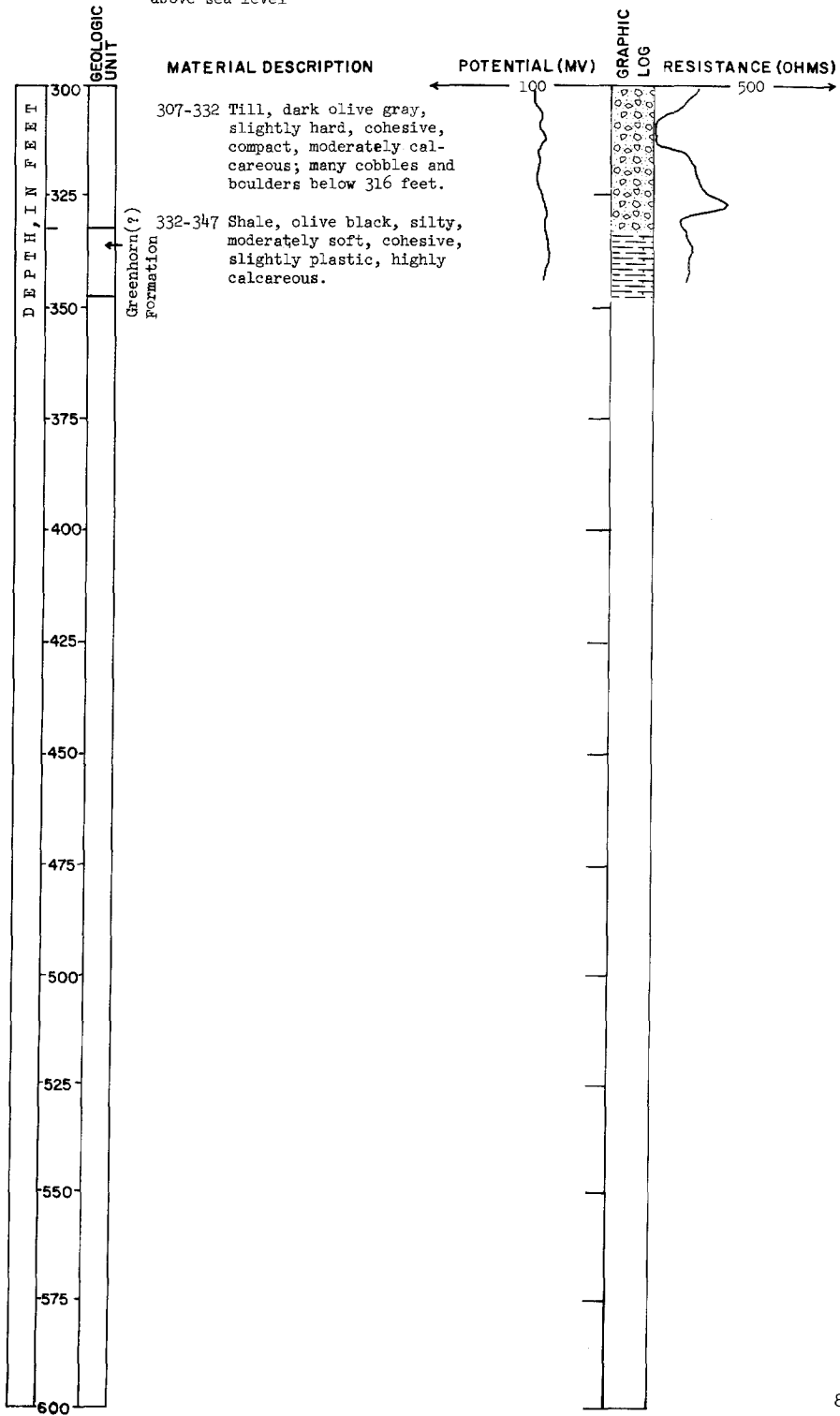
DEPTH: 347 feet



TEST HOLE 3181  
(Continued)

LOCATION: 129-51-1bbb  
ELEVATION: 1195 feet  
above sea level

DATE DRILLED: Oct. 21, 1964  
DEPTH: 347 feet



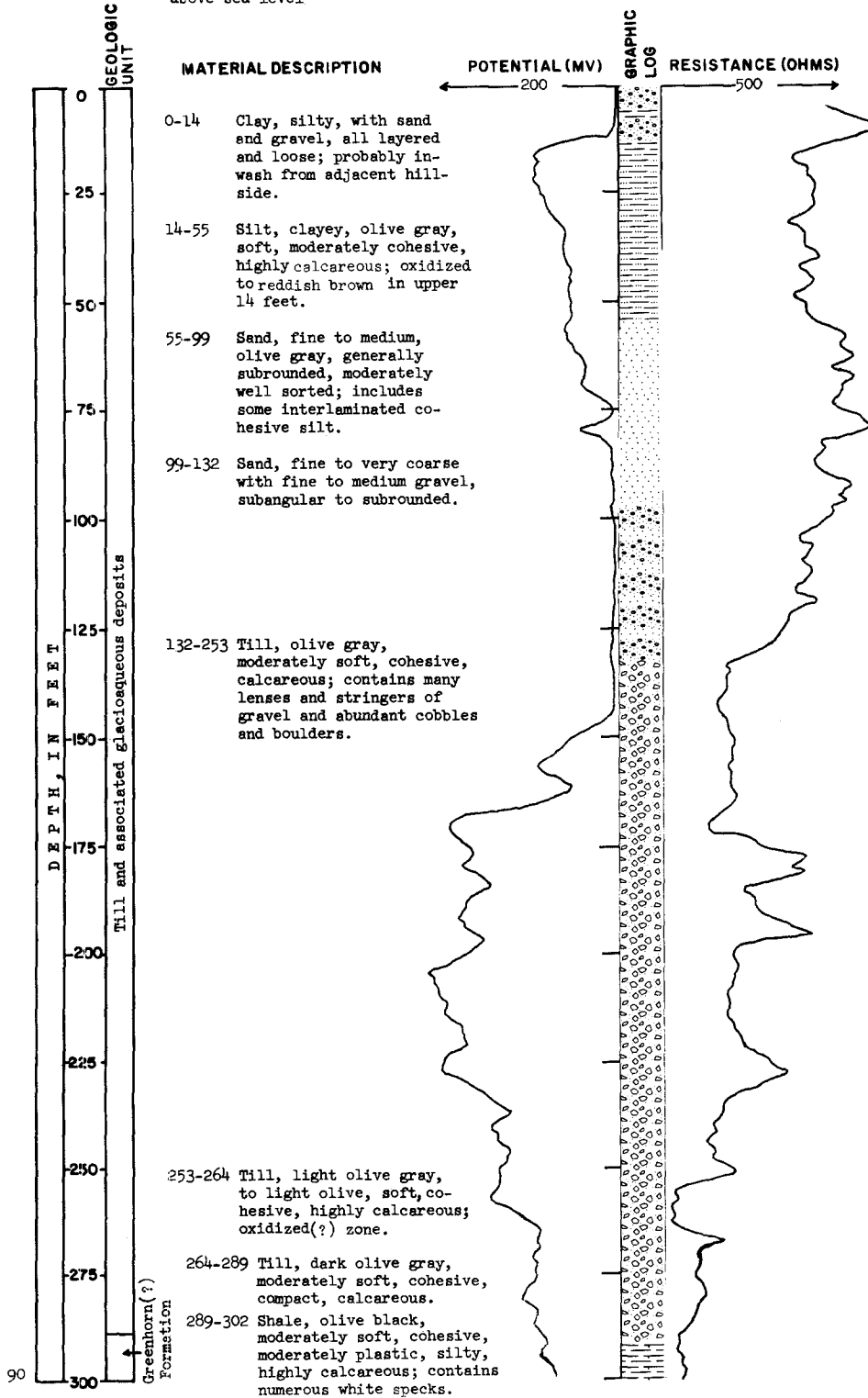
TEST HOLE 3182

LOCATION: 129-51-13beb

DATE DRILLED: Oct. 22, 1964

ELEVATION: 1155 feet  
above sea level

DEPTH: 302 feet



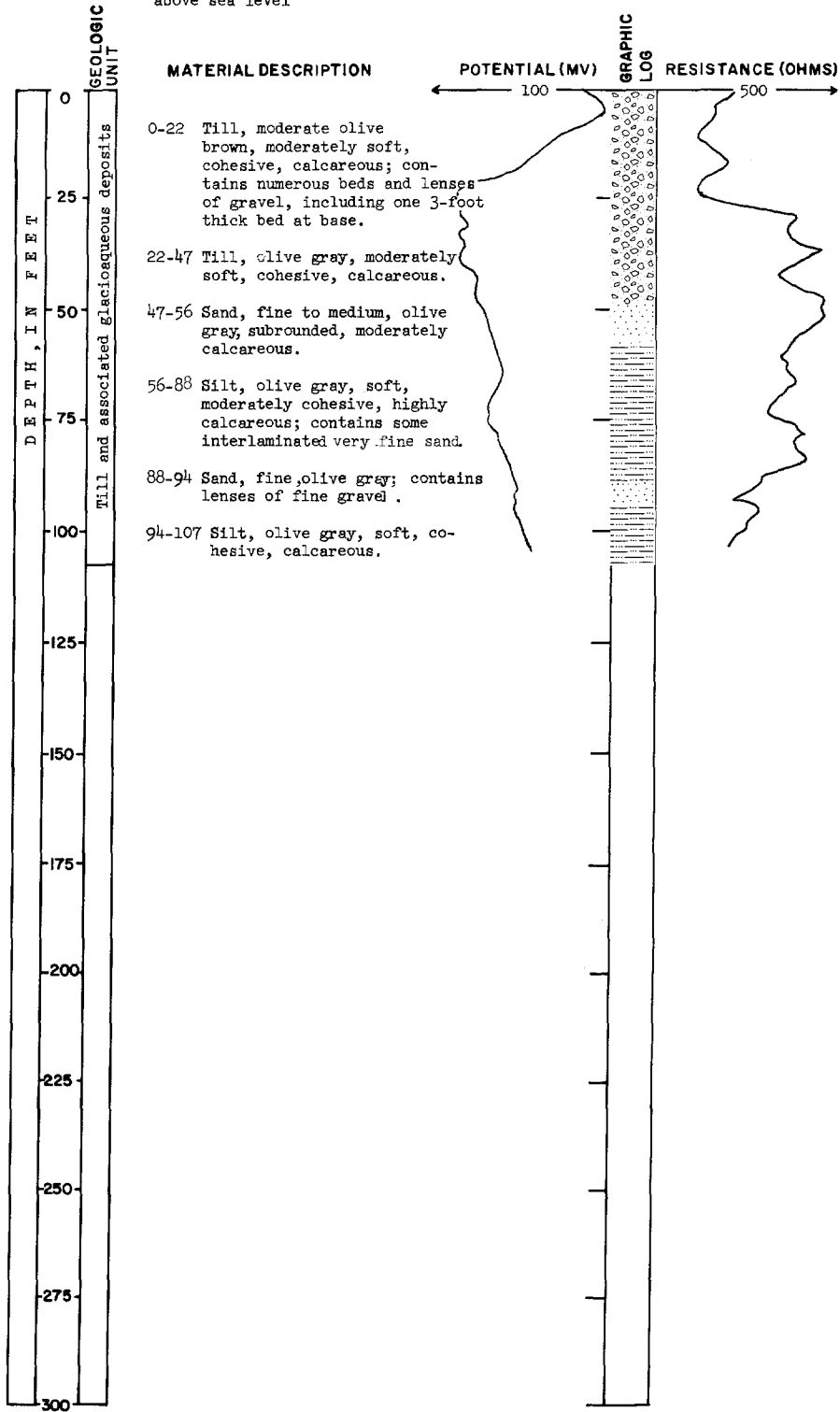
TEST HOLE 3184

LOCATION: 129-51-15bbb

DATE DRILLED: Oct. 23, 1964

ELEVATION: 1176 feet  
above sea level

DEPTH: 107 feet



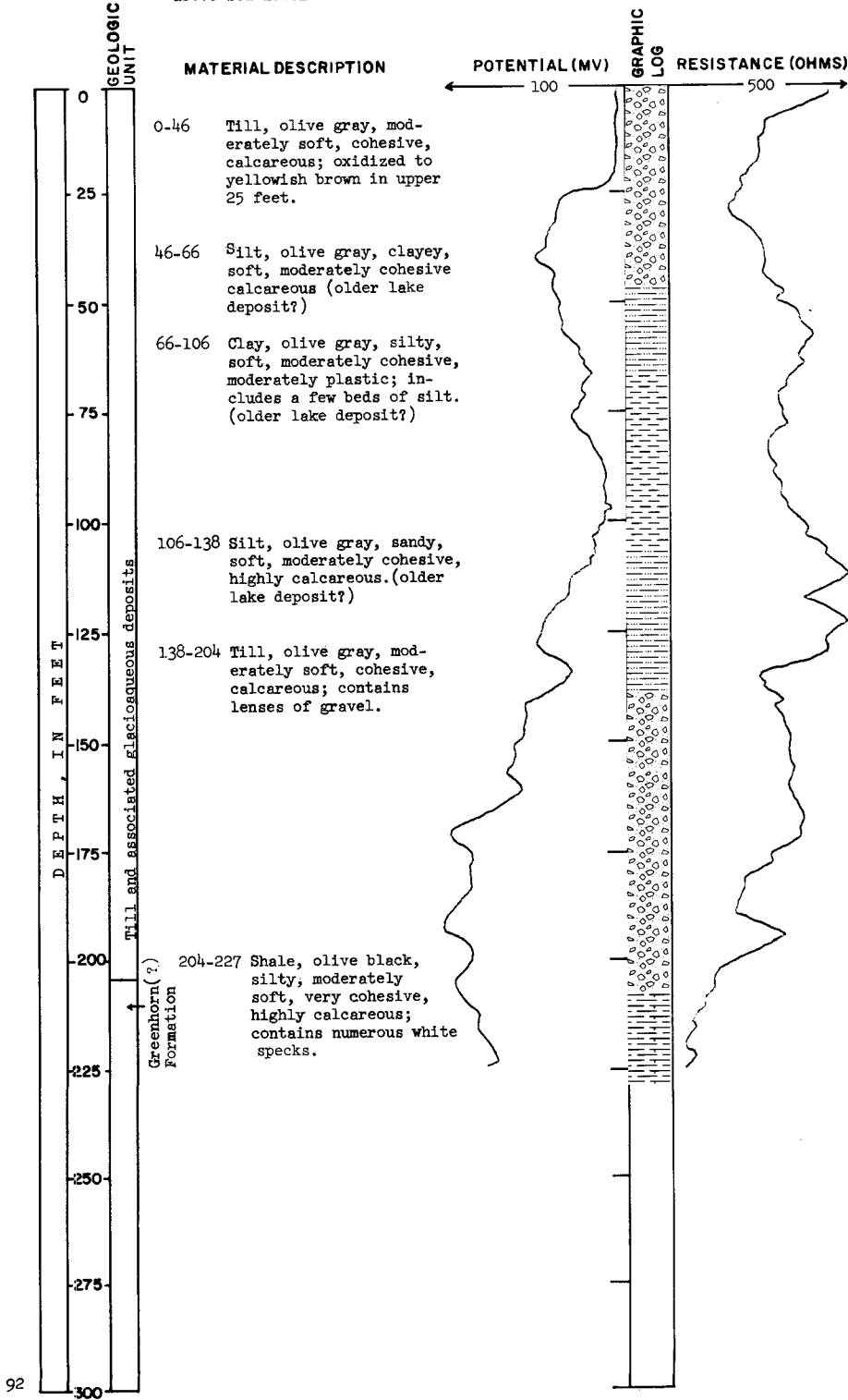
TEST HOLE 3183

LOCATION: 129-51-22bcb LTL

DATE DRILLED: Oct. 23, 1964

ELEVATION: 1180 feet  
above sea level

DEPTH: 227 feet



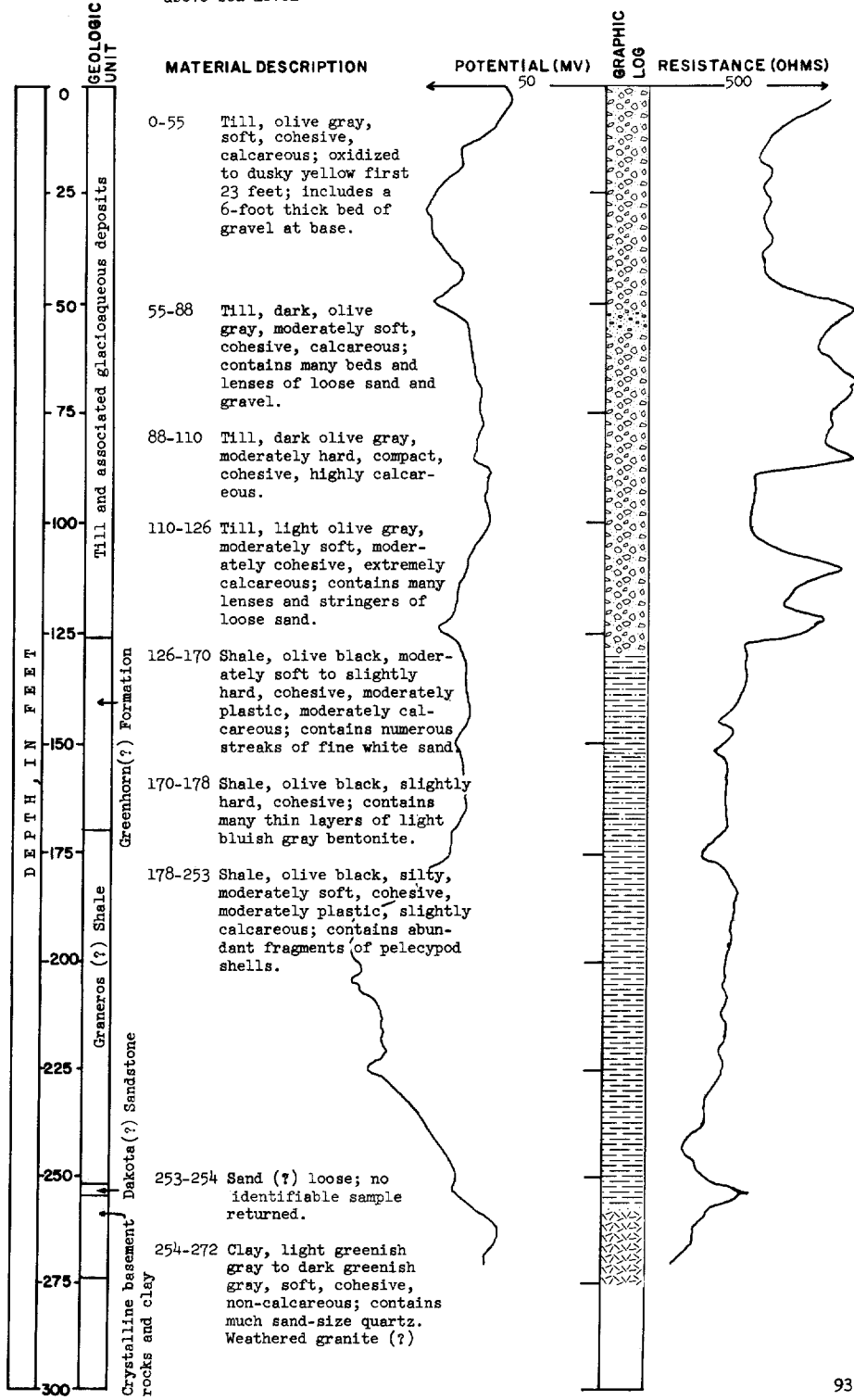
TEST HOLE 3186

LOCATION: 130-48-19 ada<sub>2</sub>

DATE DRILLED: Oct. 26, 1964

ELEVATION: 987 feet  
above sea level

DEPTH: 272 feet





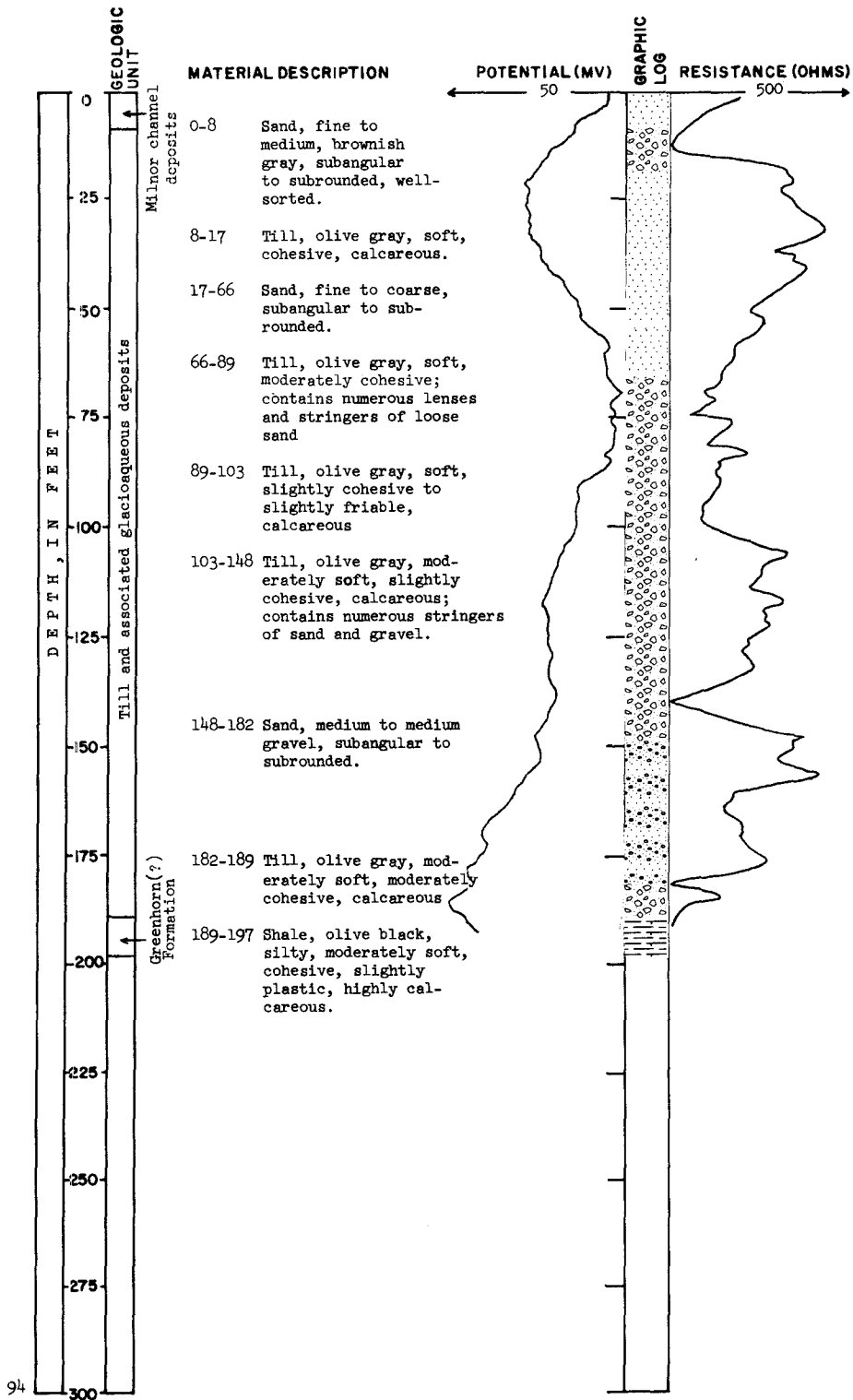
TEST HOLE 3177

LOCATION: 130-50-17add

DATE DRILLED: Oct. 16, 1964

ELEVATION: 1080 feet

DEPTH: 197 feet



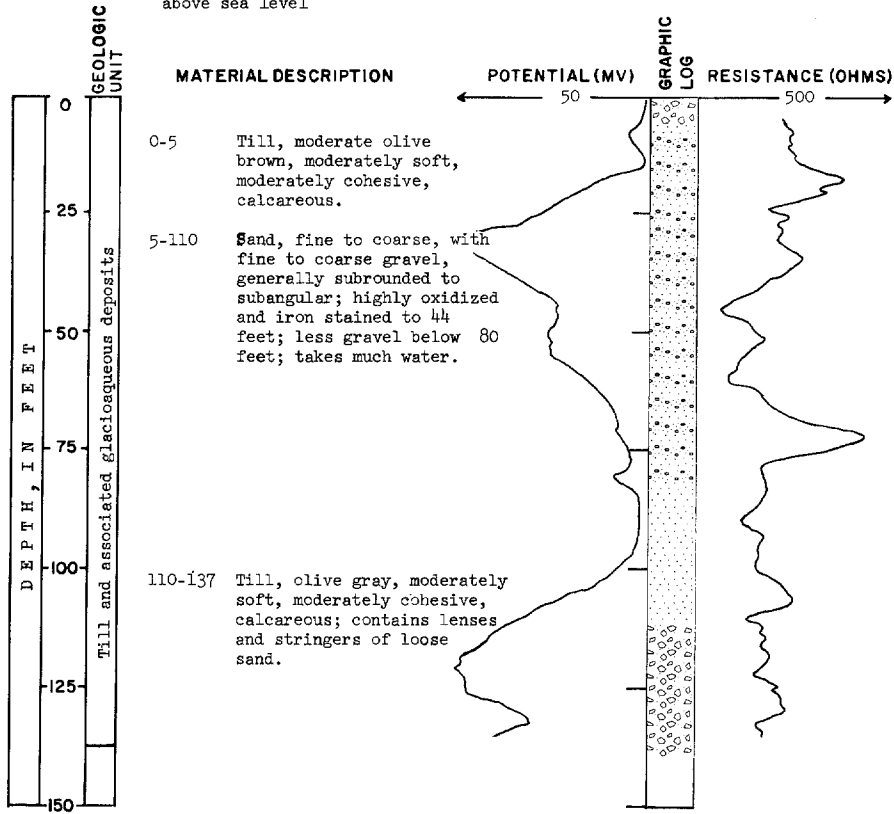
TEST HOLE 3178

LOCATION: 130-50-27bbb<sub>2</sub>

DATE DRILLED: Oct. 19, 1964

ELEVATION: 1126 feet  
above sea level

DEPTH: 137 feet



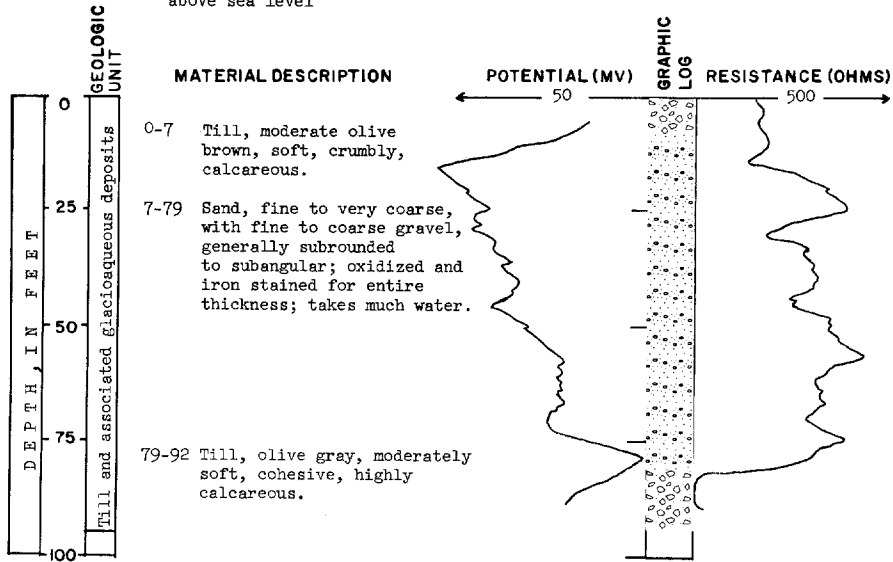
TEST HOLE 3179

LOCATION: 130-50-28ecc

DATE DRILLED: Oct. 20, 1964

ELEVATION: 1181 feet  
above sea level

DEPTH: 92 feet



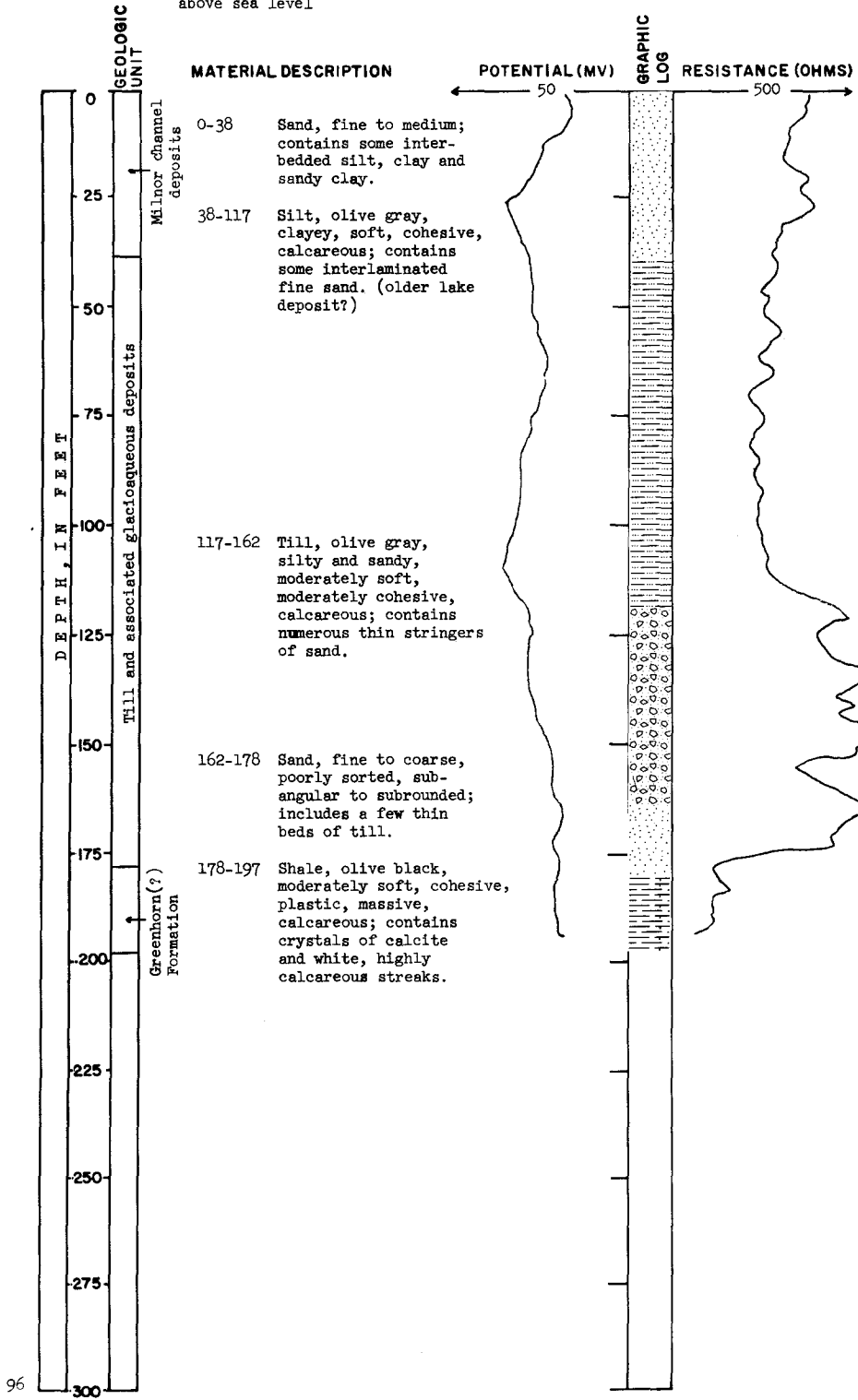
TEST HOLE 3168

LOCATION: 130-51-12baa

DATE DRILLED: Sept. 28, 1964

ELEVATION: 1070 feet  
above sea level

DEPTH: 197 feet



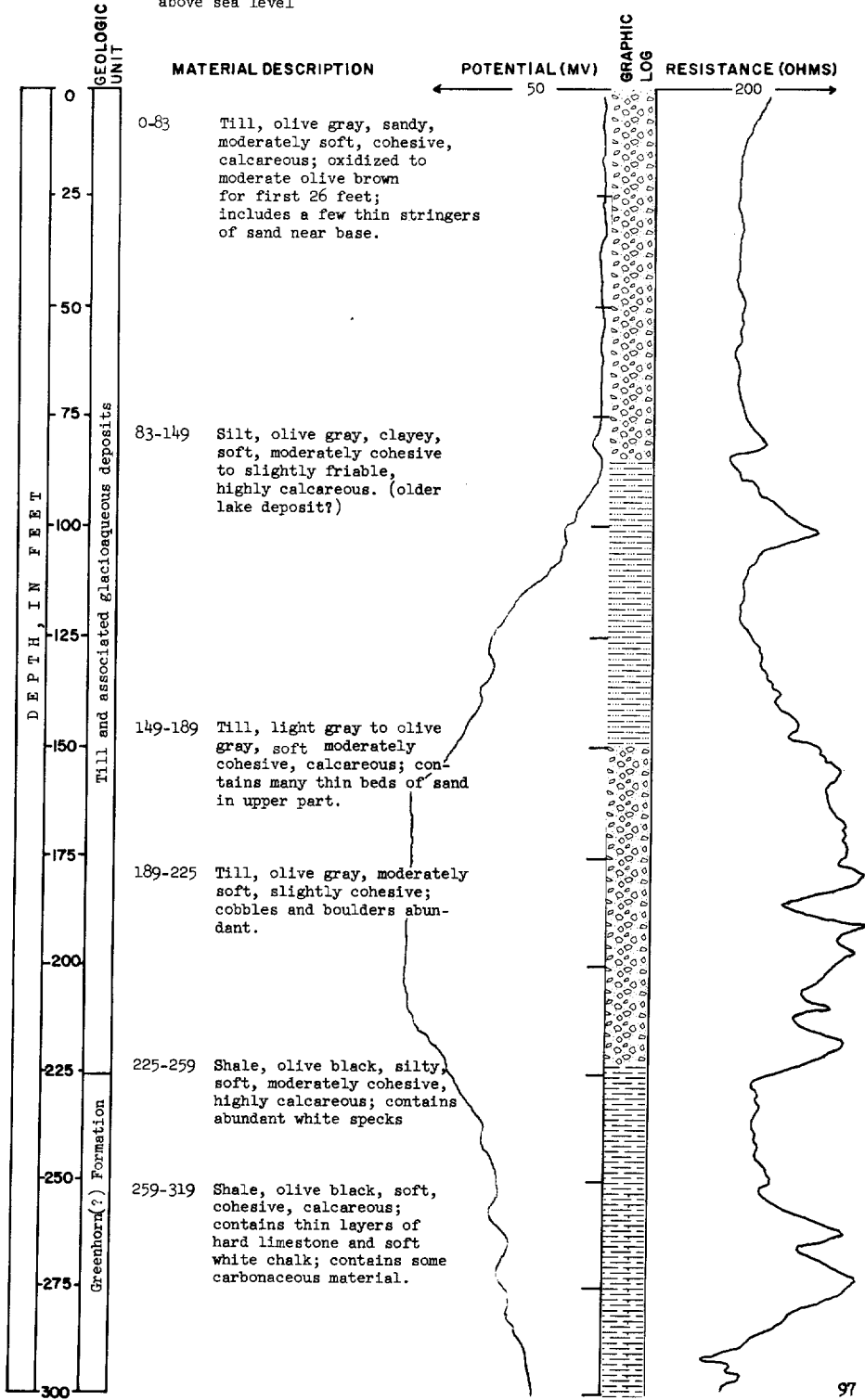
TEST HOLE 3175

LOCATION: 130-51-13ccc

DATE DRILLED: Oct. 14, 1964

ELEVATION: 1148 feet  
above sea level

DEPTH: 632 feet



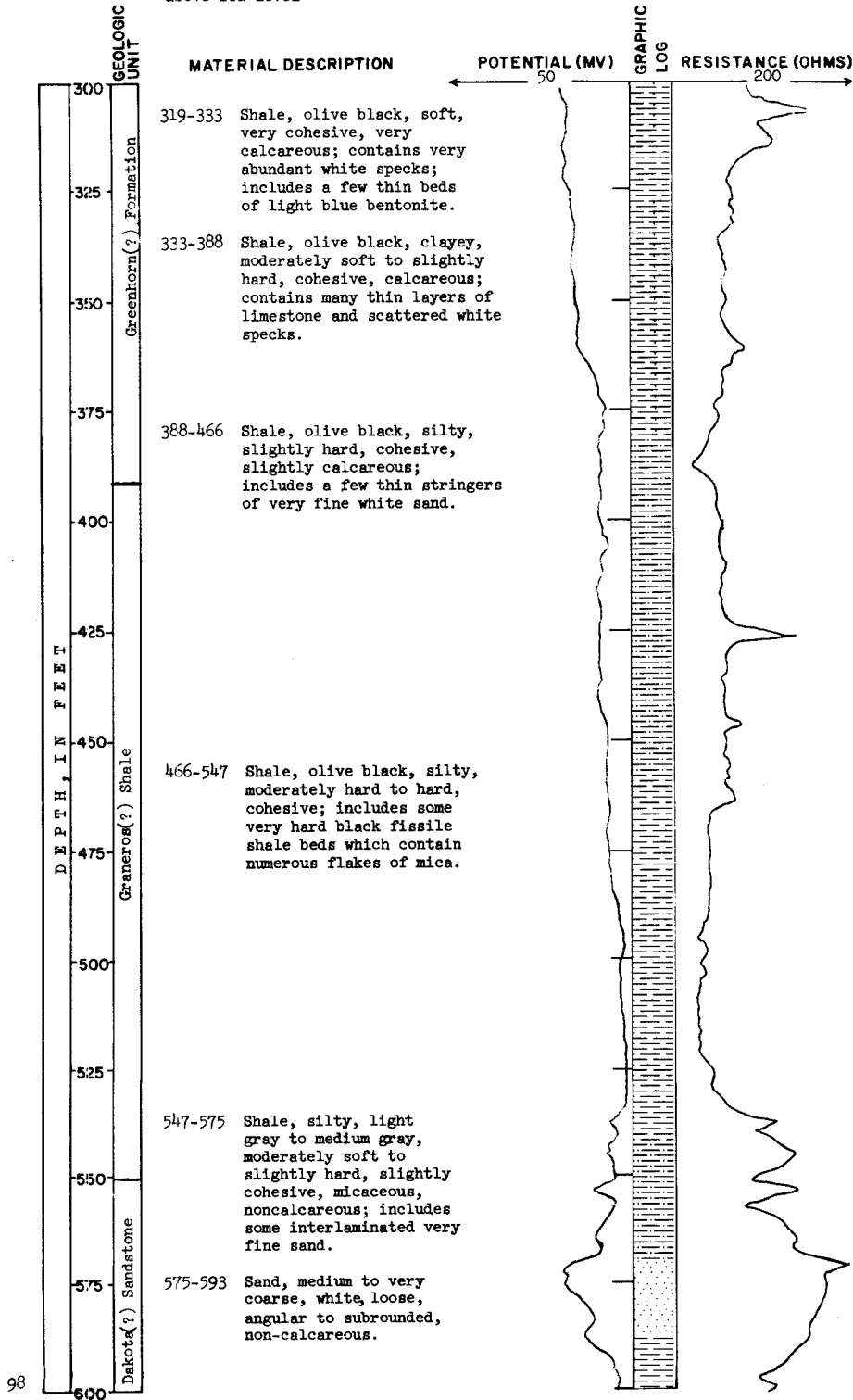
TEST HOLE 3175  
(Continued)

LOCATION: 130-51-13ccc

DATE DRILLED: Oct. 14, 1965

ELEVATION: 1148 feet  
above sea level

DEPTH: 632 feet



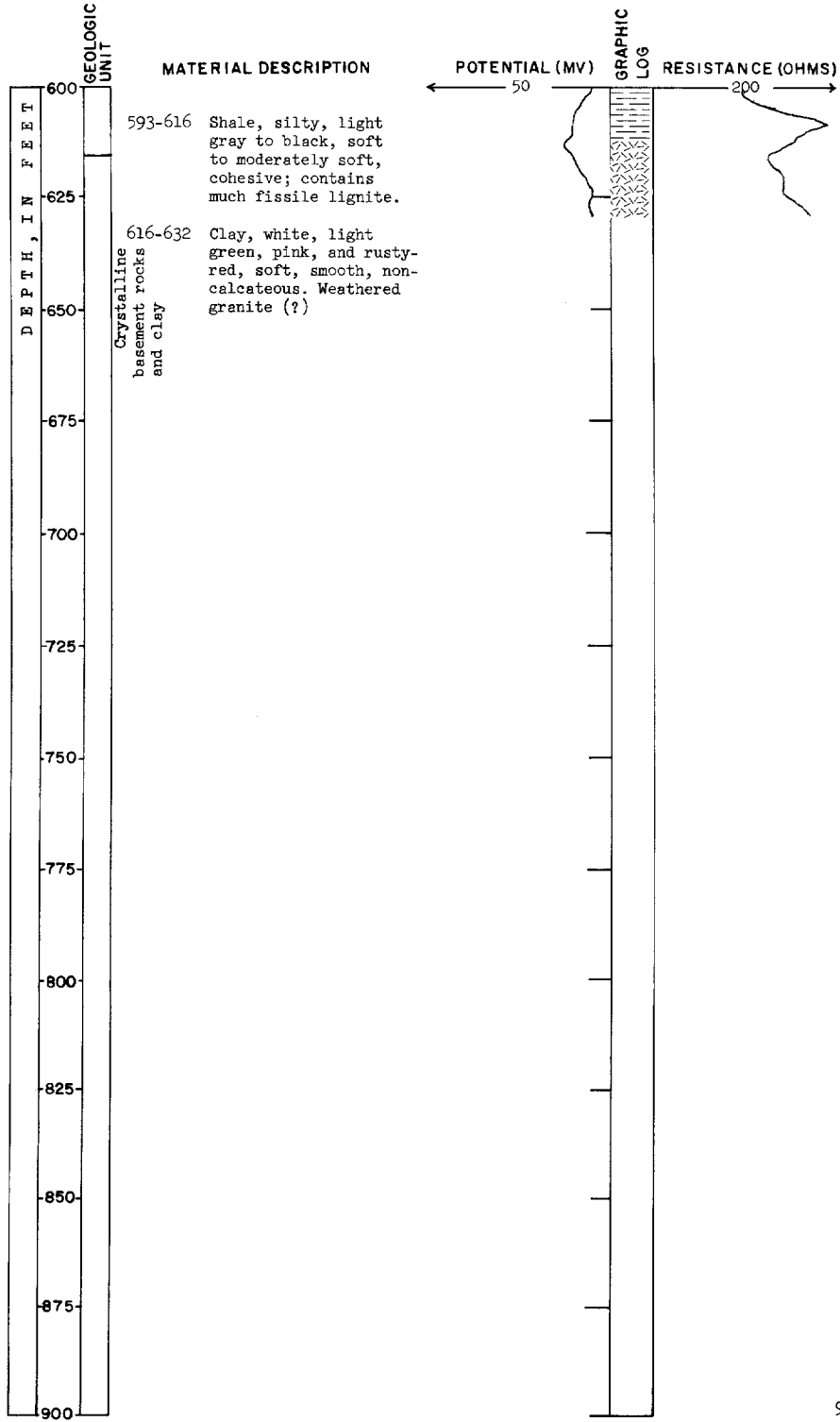
TEST HOLE 3175

LOCATION: 130-51-13ccc  
 ELEVATION: 1148 feet  
 above sea level

(Continued)

DATE DRILLED: Oct. 14, 1964

DEPTH: 632 feet



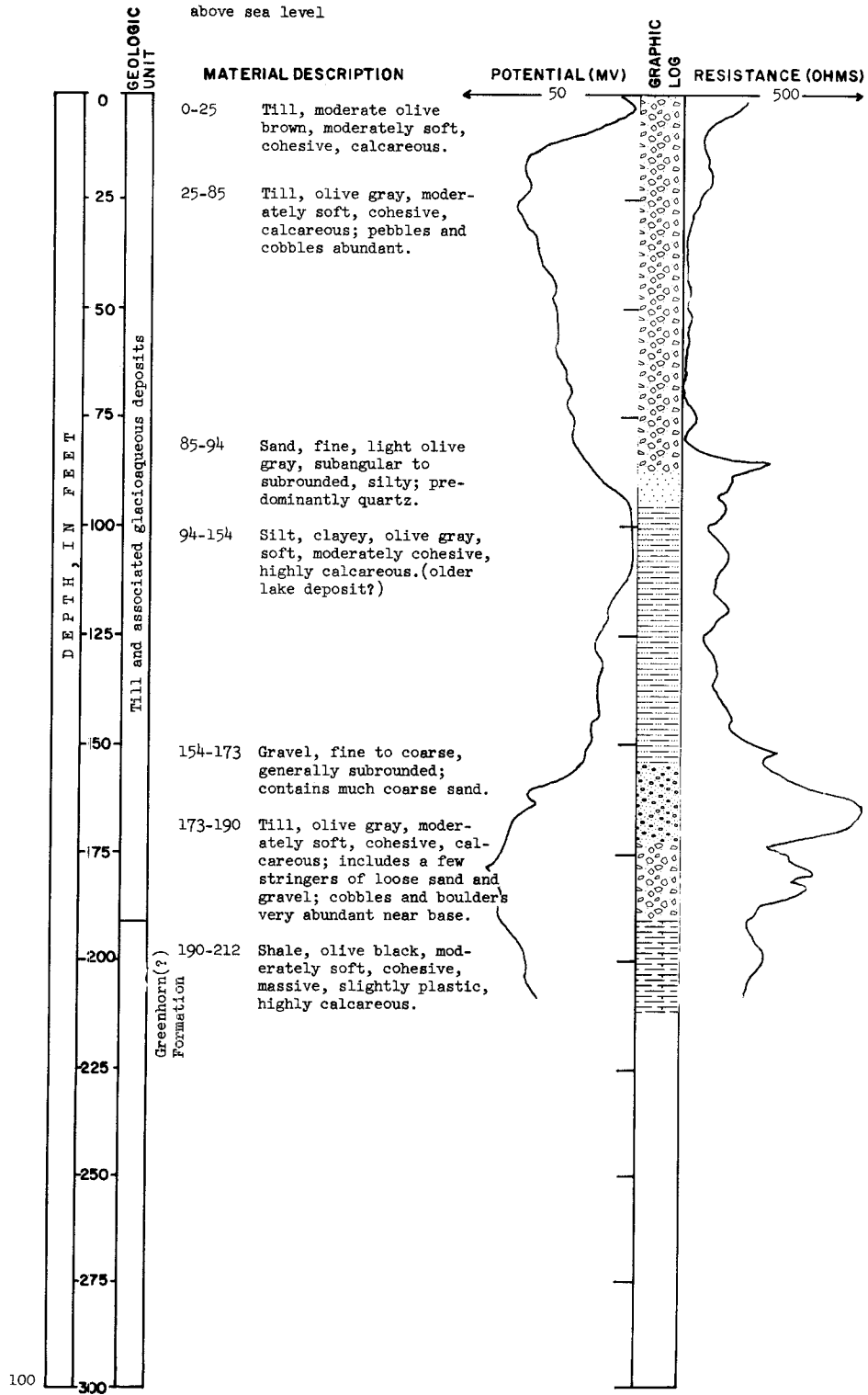
TEST HOLE 3176

LOCATION: 130-51-16ccc

DATE DRILLED: Oct. 15, 1964

ELEVATION: 1151 feet  
above sea level

DEPTH: 212 feet



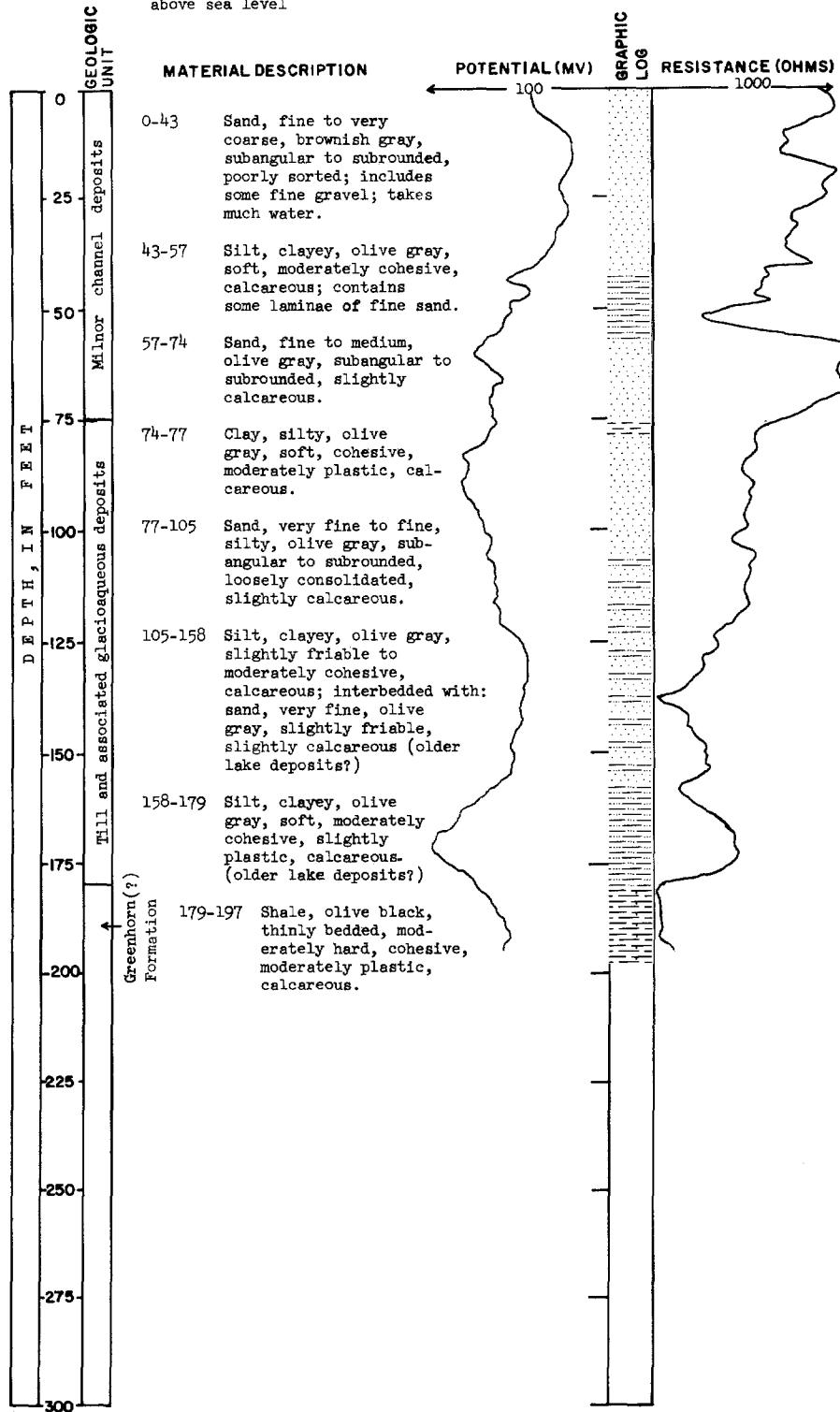
TEST HOLE 3171

LOCATION: 130-52-12beb

DATE DRILLED: Oct. 5, 1964

ELEVATION: 1082 feet  
above sea level

DEPTH: 197 feet





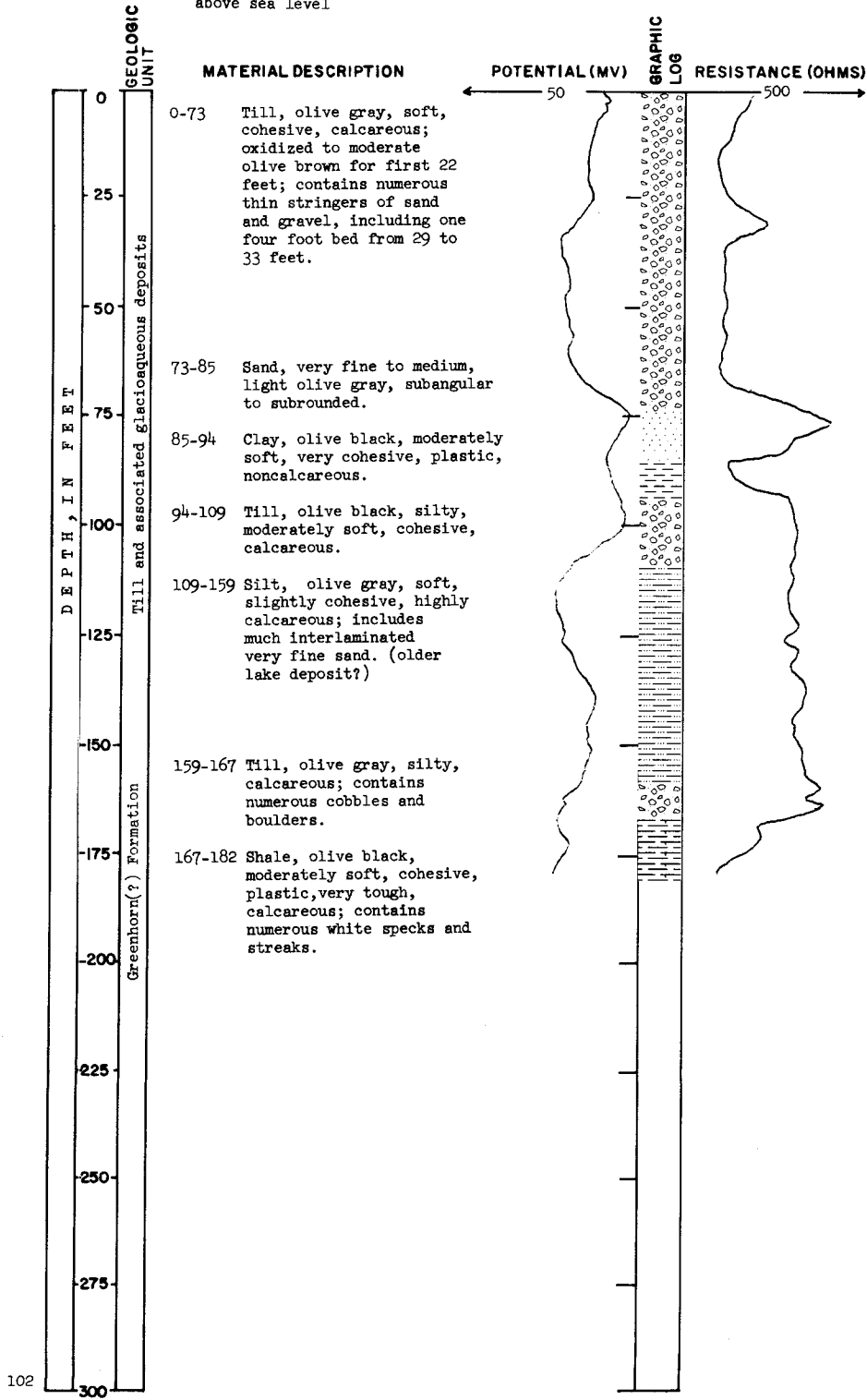
TEST HOLE 3172

LOCATION: 130-52-13ccc

DATE DRILLED: Oct. 5, 1964

ELEVATION: 1137 feet  
above sea level

DEPTH: 182 feet



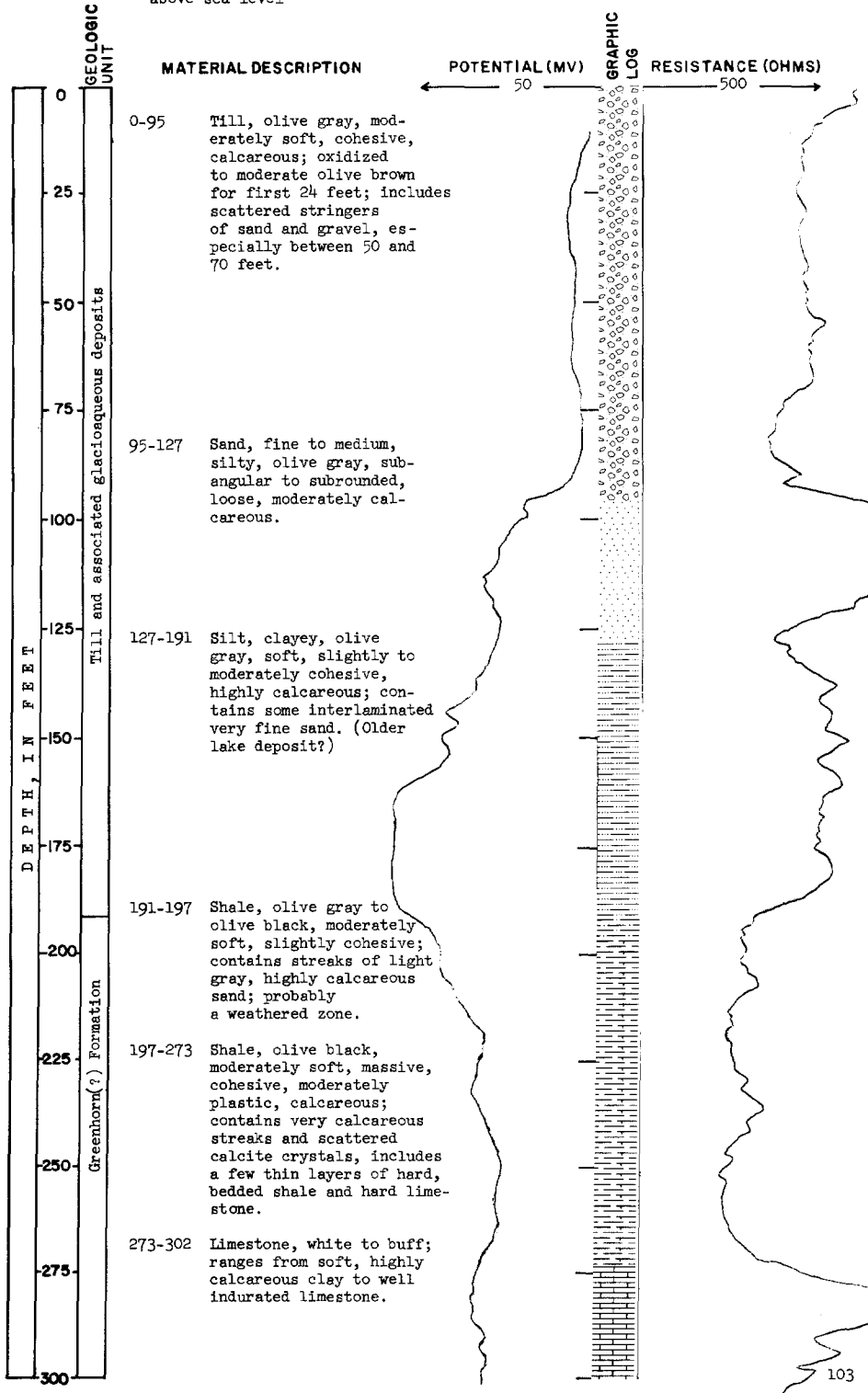
TEST HOLE 3174

LOCATION: 130-52-20bbb

DATE DRILLED: Oct. 6, 1964

ELEVATION: 1134 feet  
above sea level

DEPTH: 785 feet



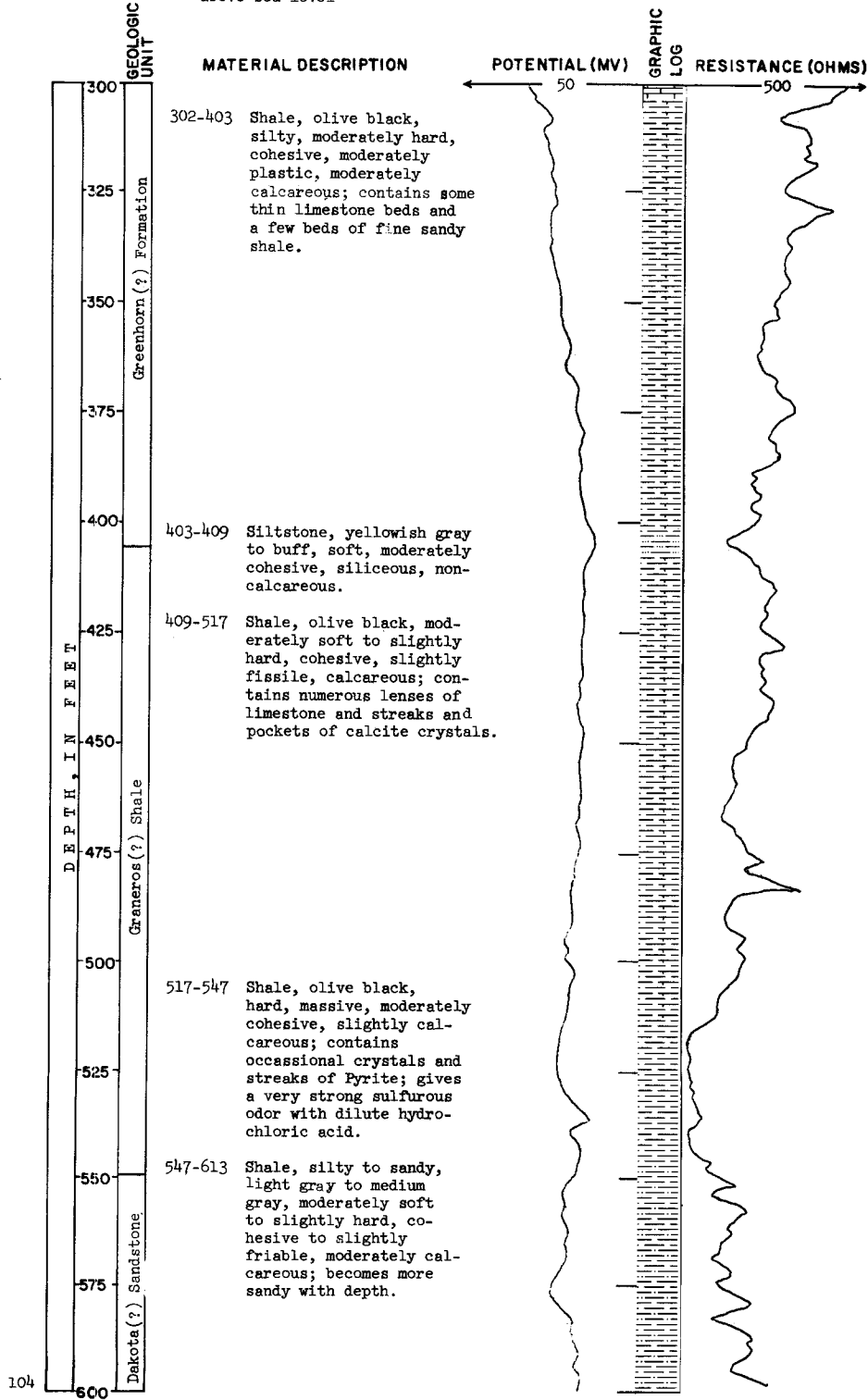
TEST HOLE 3174  
(Continued)

LOCATION: 130-52-20bbb

DATE DRILLED: Oct. 6, 1964

ELEVATION: 1134 feet  
above sea level

DEPTH: 785 feet



TEST HOLE 3174

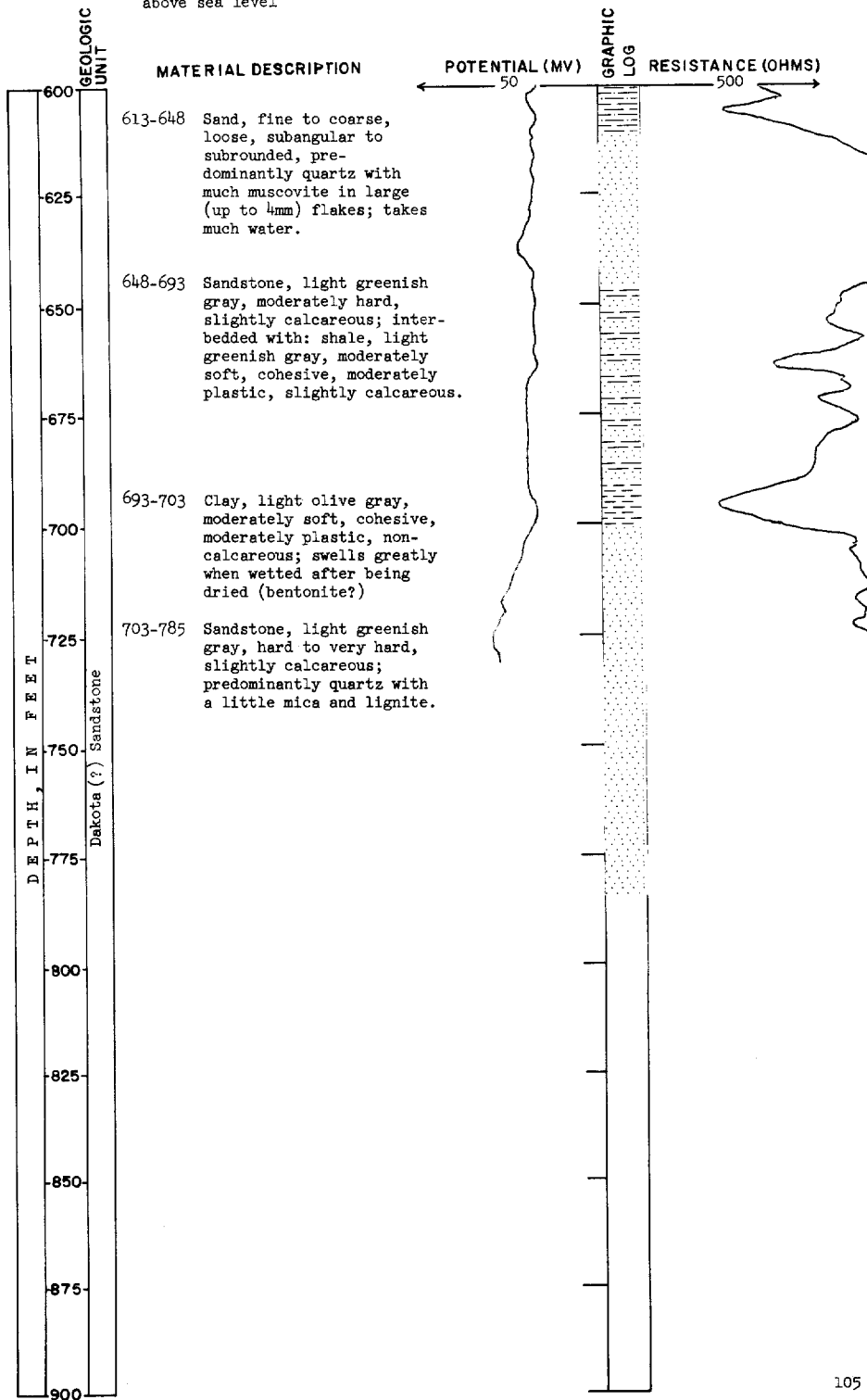
LOCATION: 130-52-20bbb

(Continued)

DATE DRILLED: Oct. 6, 1964

ELEVATION: 1134 feet  
above sea level

DEPTH: 785 feet



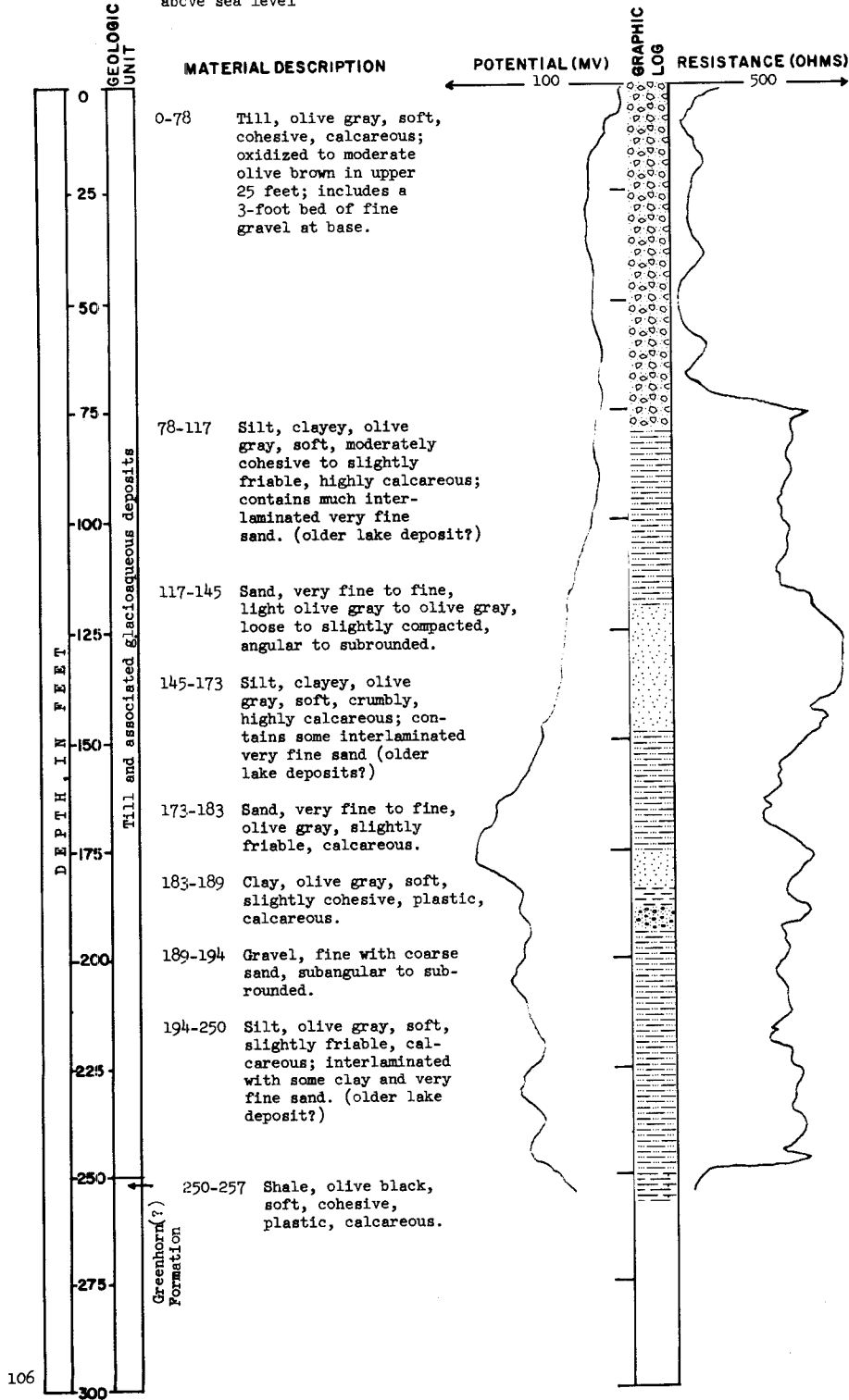
TEST HOLE 3173

LOCATION: 130-52-35aaa

DATE DRILLED: Oct. 6, 1964

ELEVATION: 1176 feet  
above sea level

DEPTH: 257 feet



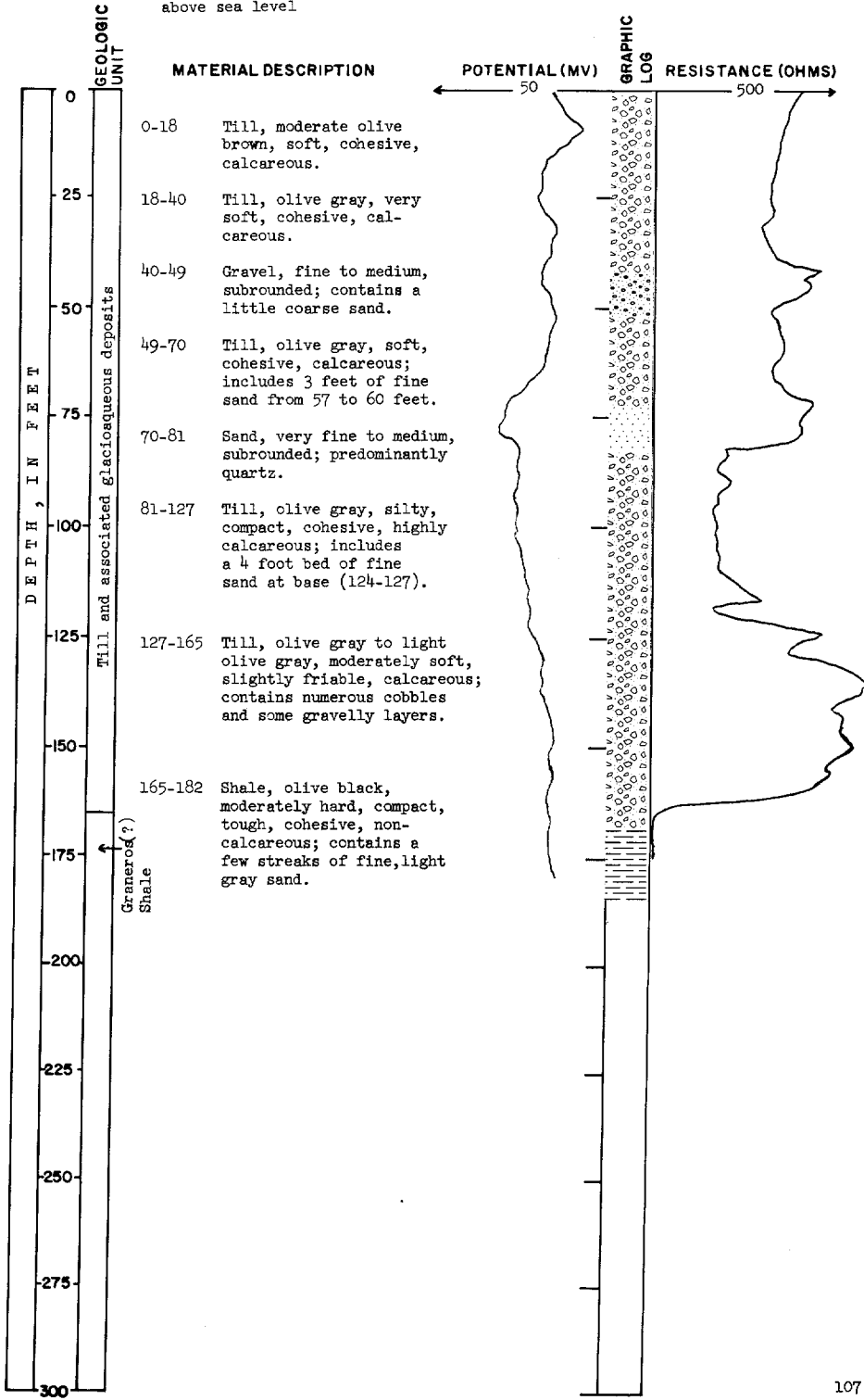
TEST HOLE 3159

LOCATION: 131-48-23bbb<sub>2</sub>

DATE DRILLED: Sept. 15, 1964

ELEVATION: 973 feet  
above sea level

DEPTH: 182 feet



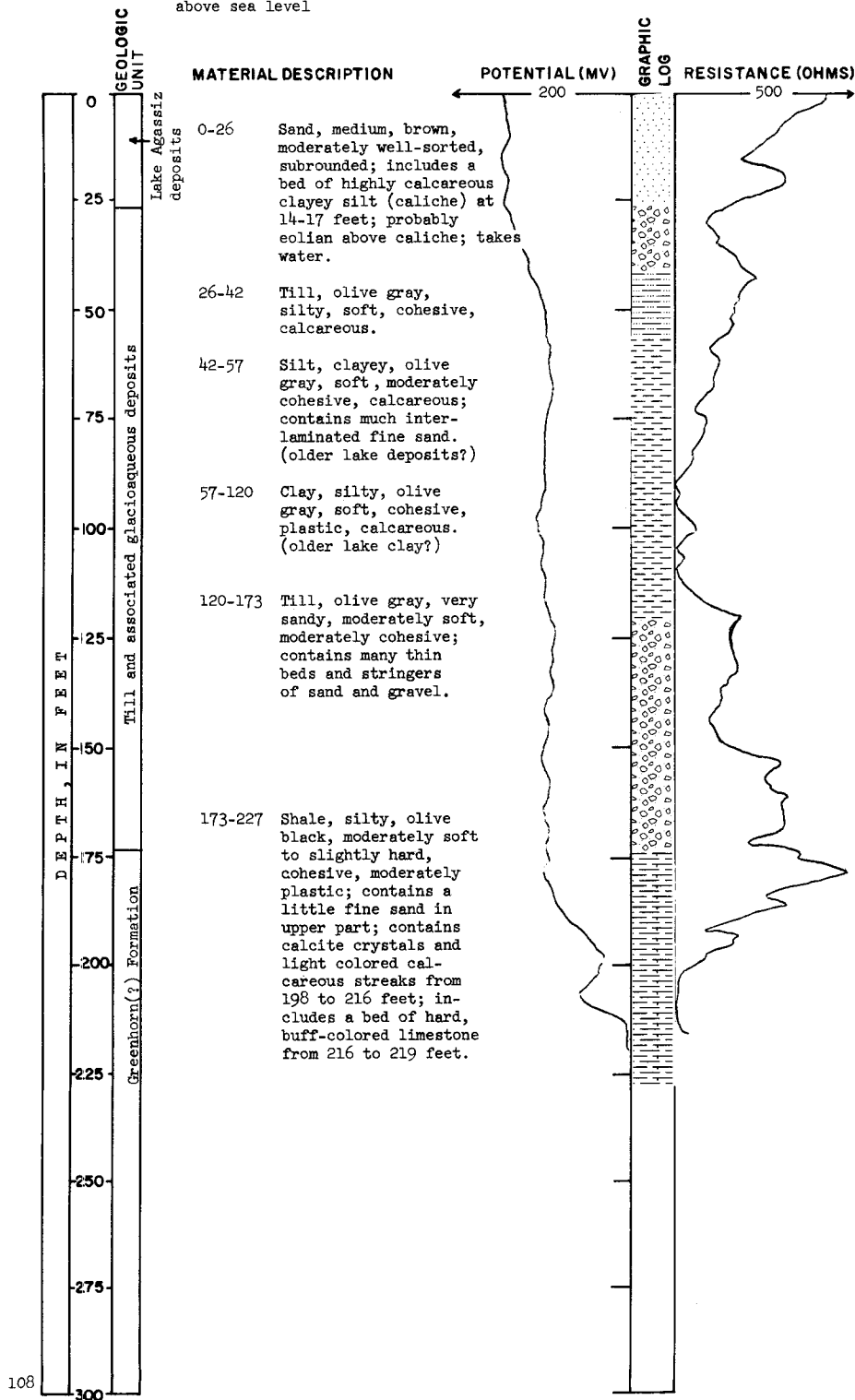
TEST HOLE 3167

LOCATION: 131-50-31bbb

DATE DRILLED: Sept. 25, 1964

ELEVATION: 1079 feet  
above sea level

DEPTH: 227 feet



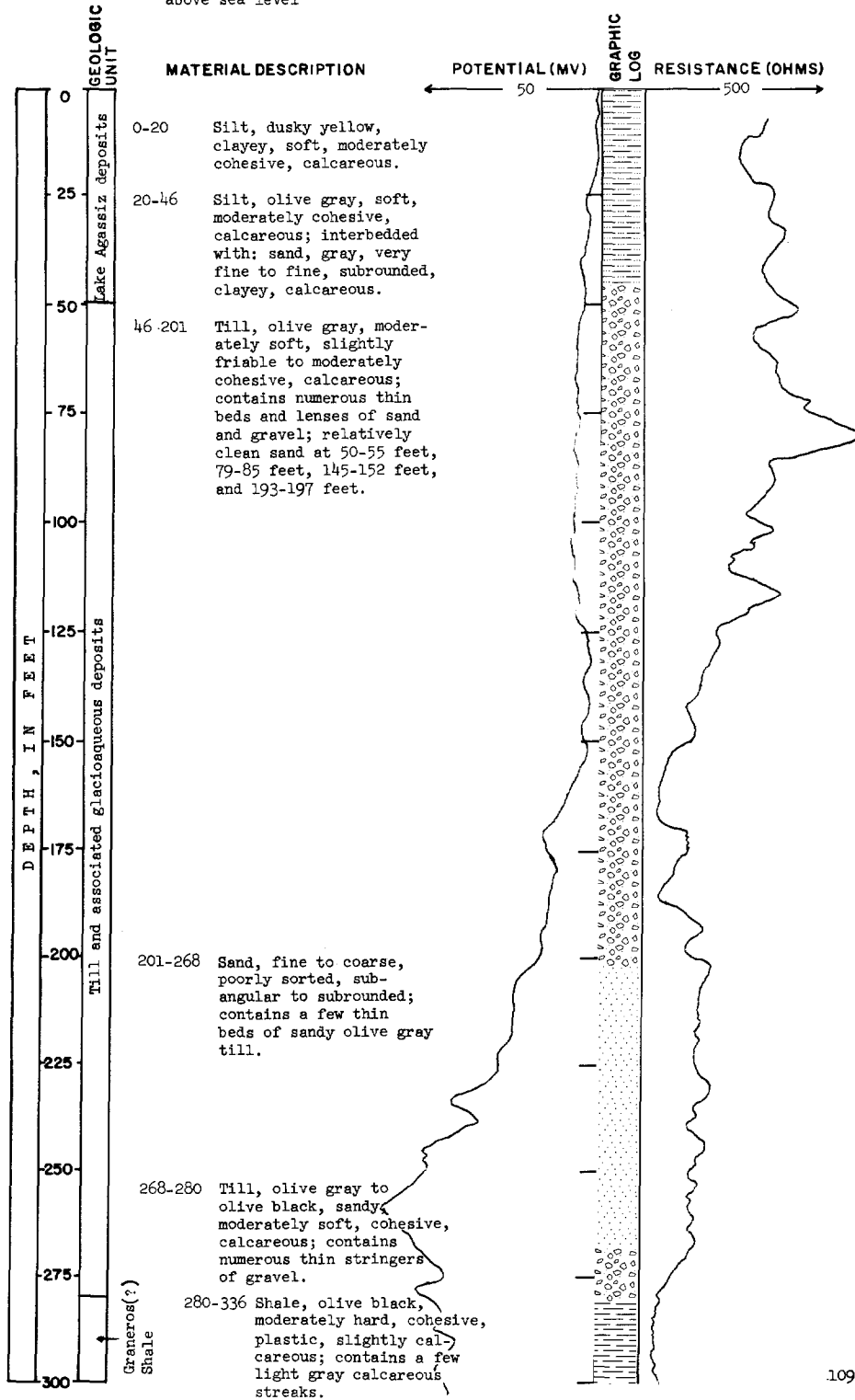
TEST HOLE 3169

LOCATION: 131-51-13aab

DATE DRILLED: Sept. 29, 1964

ELEVATION: 1030 feet  
above sea level

DEPTH: 358 feet





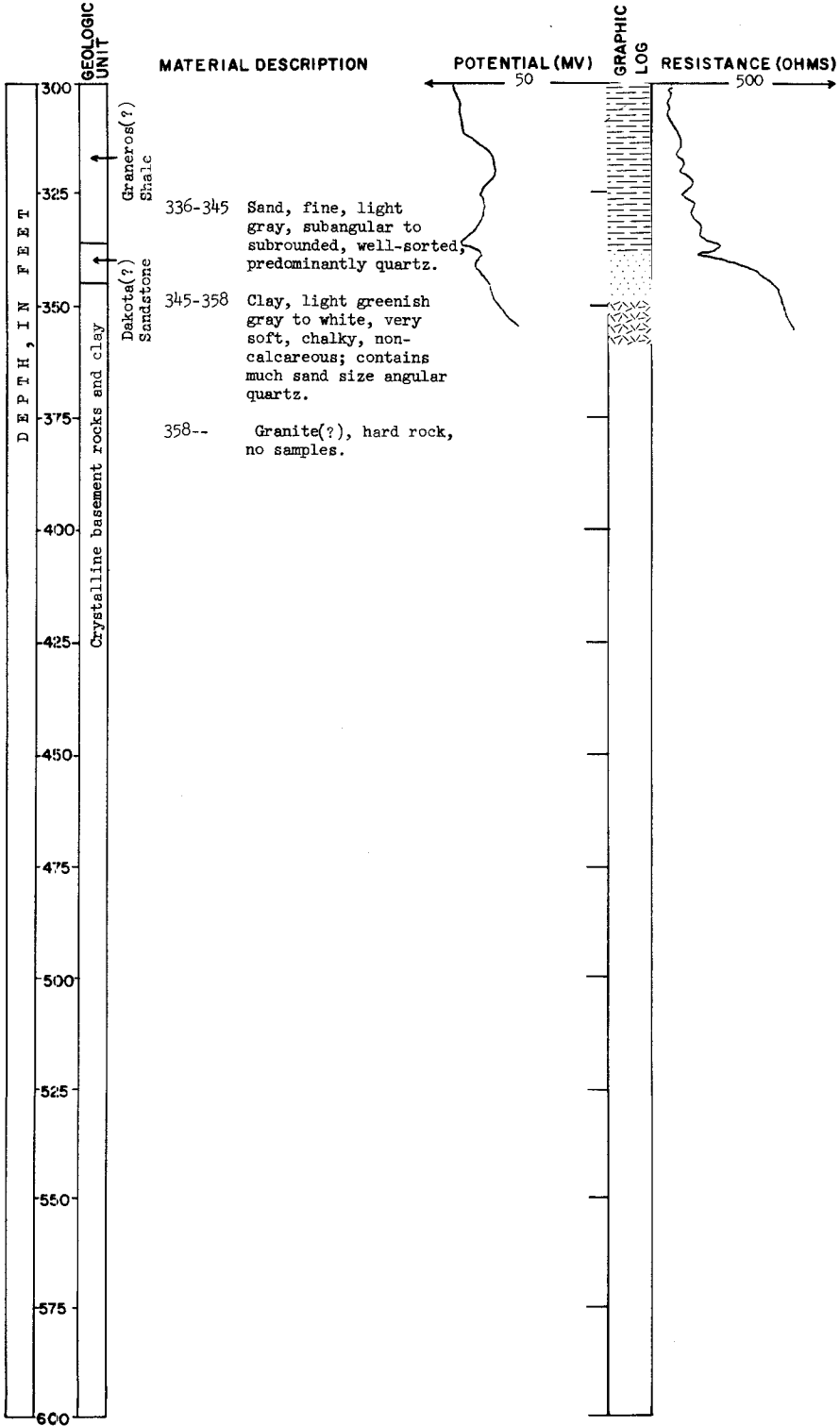
TEST HOLE 3169  
(Continued)

LOCATION: 131-51-13aab

DATE DRILLED: Sept. 29, 1964

ELEVATION: 1030 feet  
above sea level

DEPTH: 358 feet



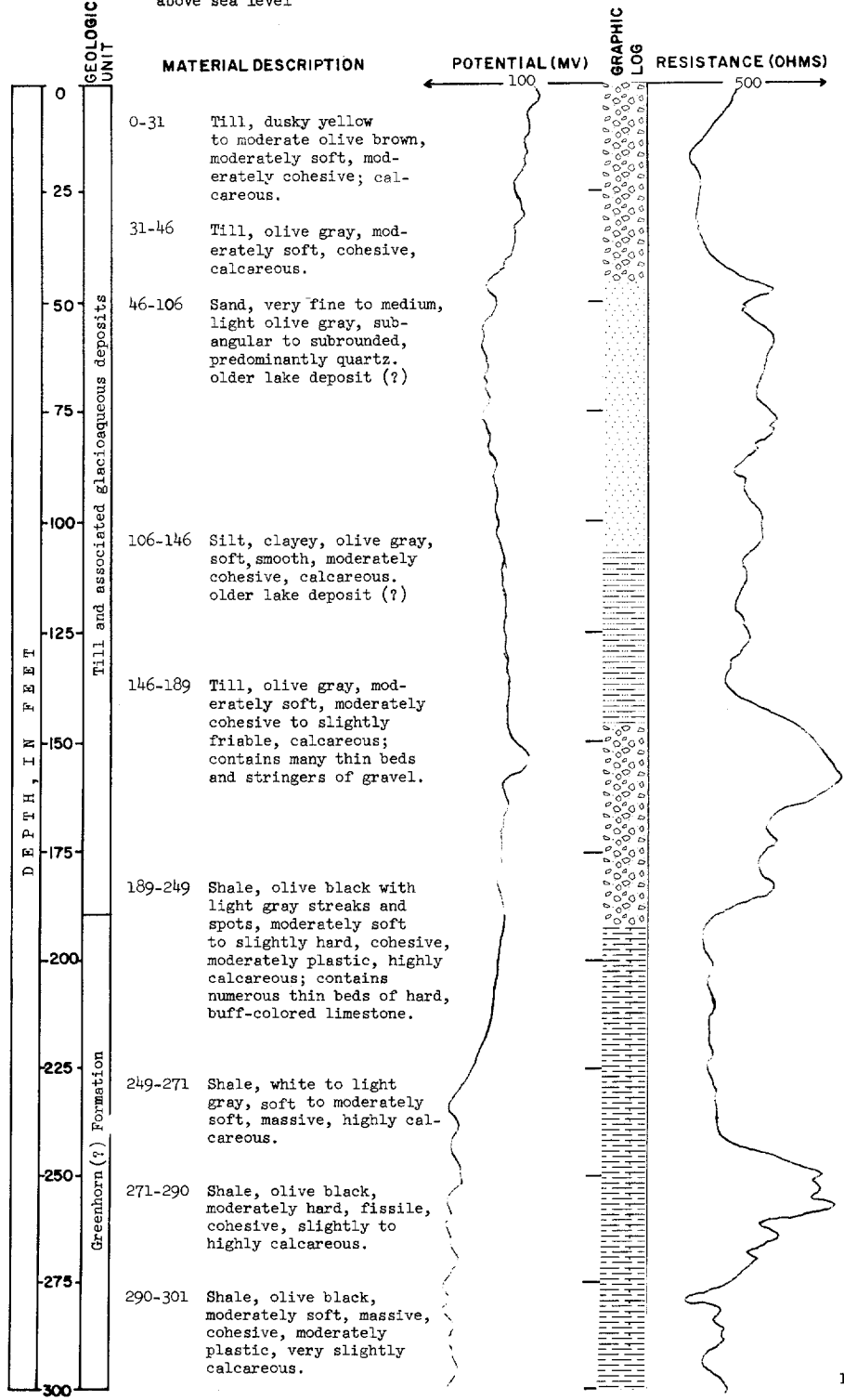
TEST HOLE 3170

LOCATION: 131-52-25ccc

DATE DRILLED: Sept. 30, 1964

ELEVATION: 1105 feet  
above sea level

DEPTH: 722 feet



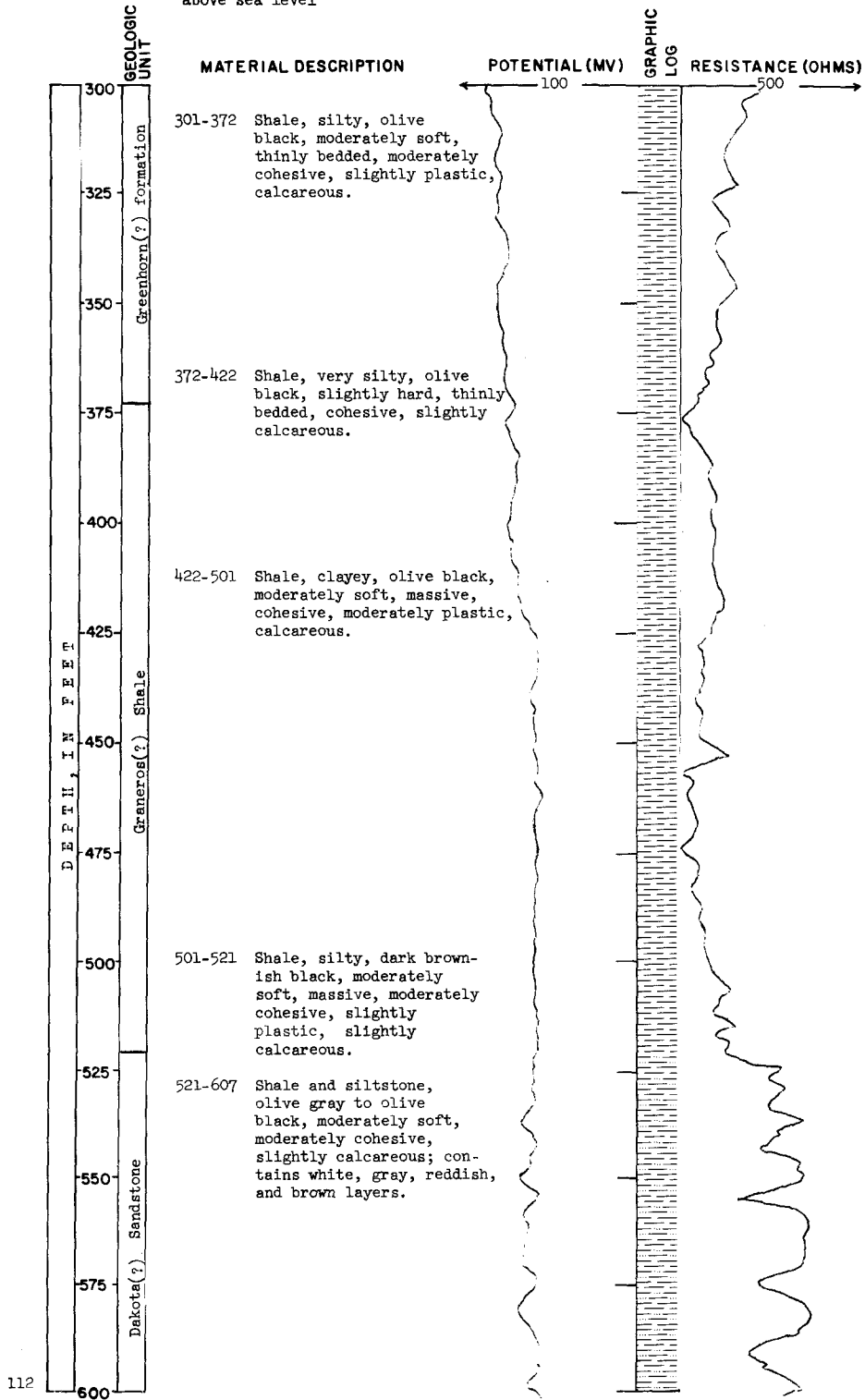
TEST HOLE 3170  
(Continued)

LOCATION: 131-52-25ccc

DATE DRILLED: Sept. 30, 1964

ELEVATION: 1105 feet  
above sea level

DEPTH: 722 feet



TEST HOLE 3170

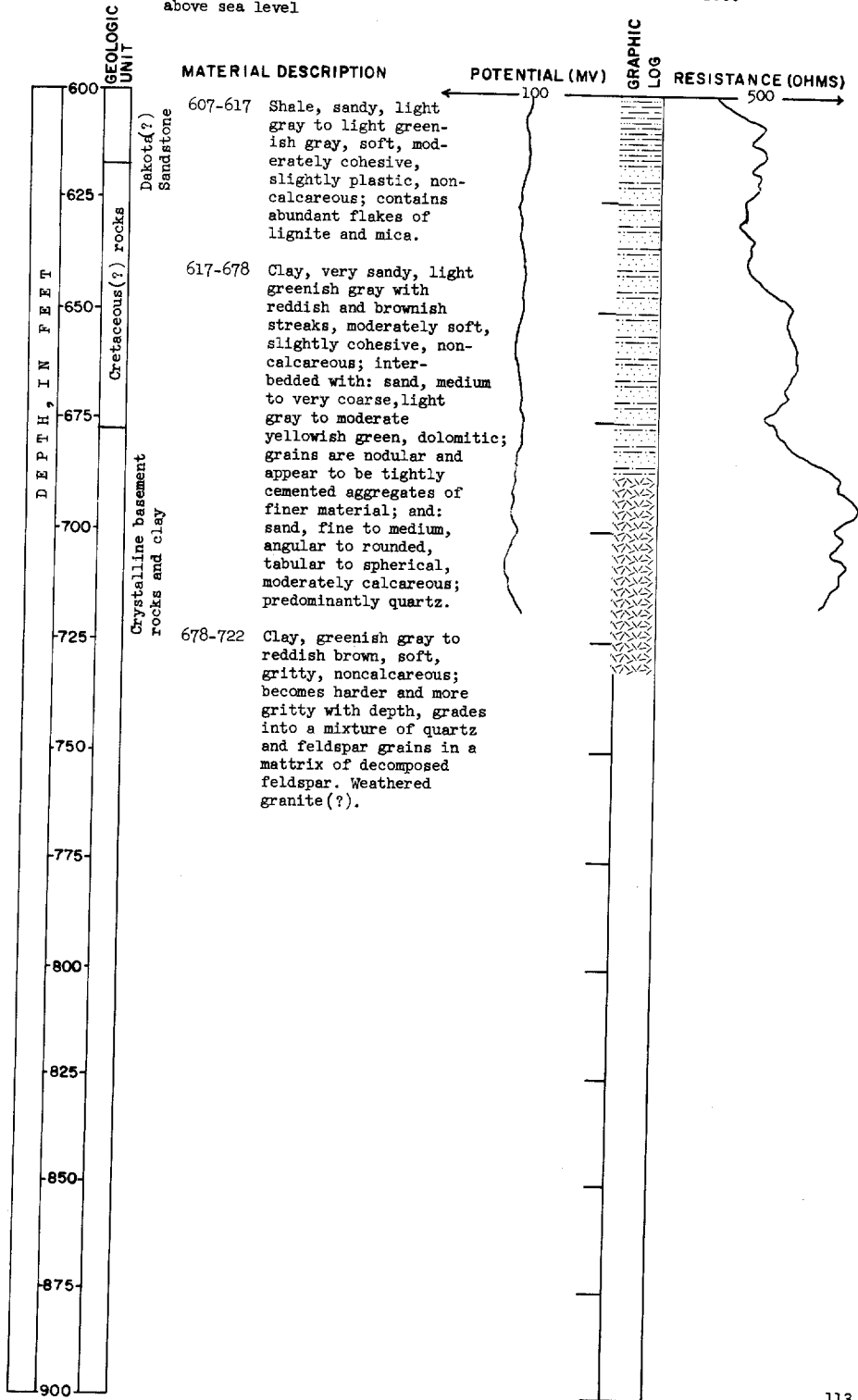
LOCATION: 131-52-25ccc

(Continued)

DATE DRILLED: Sept. 30, 1964

ELEVATION: 1105 feet  
above sea level

DEPTH: 722 feet



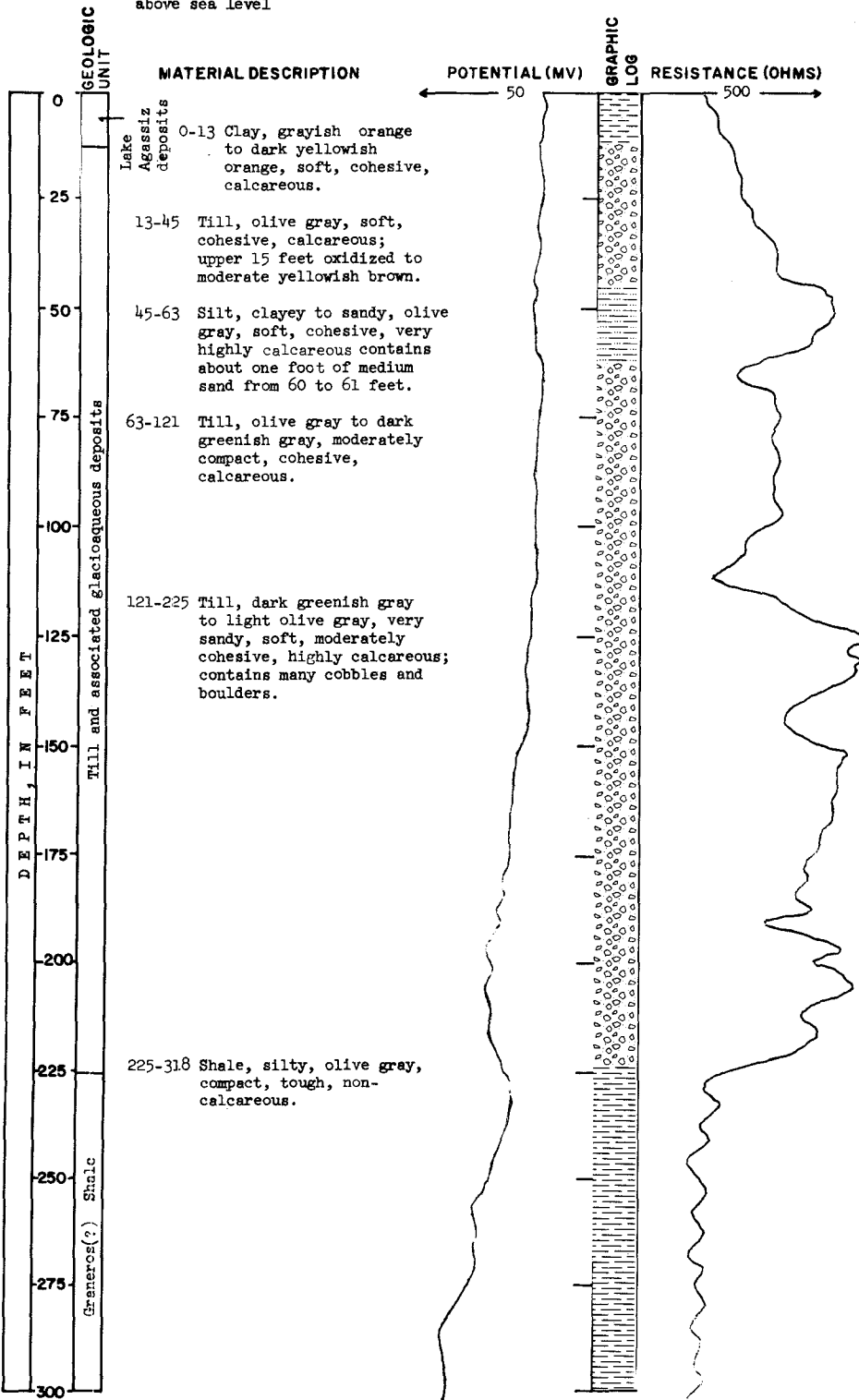
TEST HOLE 2316

LOCATION: 132-47-7bcc

DATE DRILLED: Sept. 17, 1964

ELEVATION: 958 feet  
above sea level

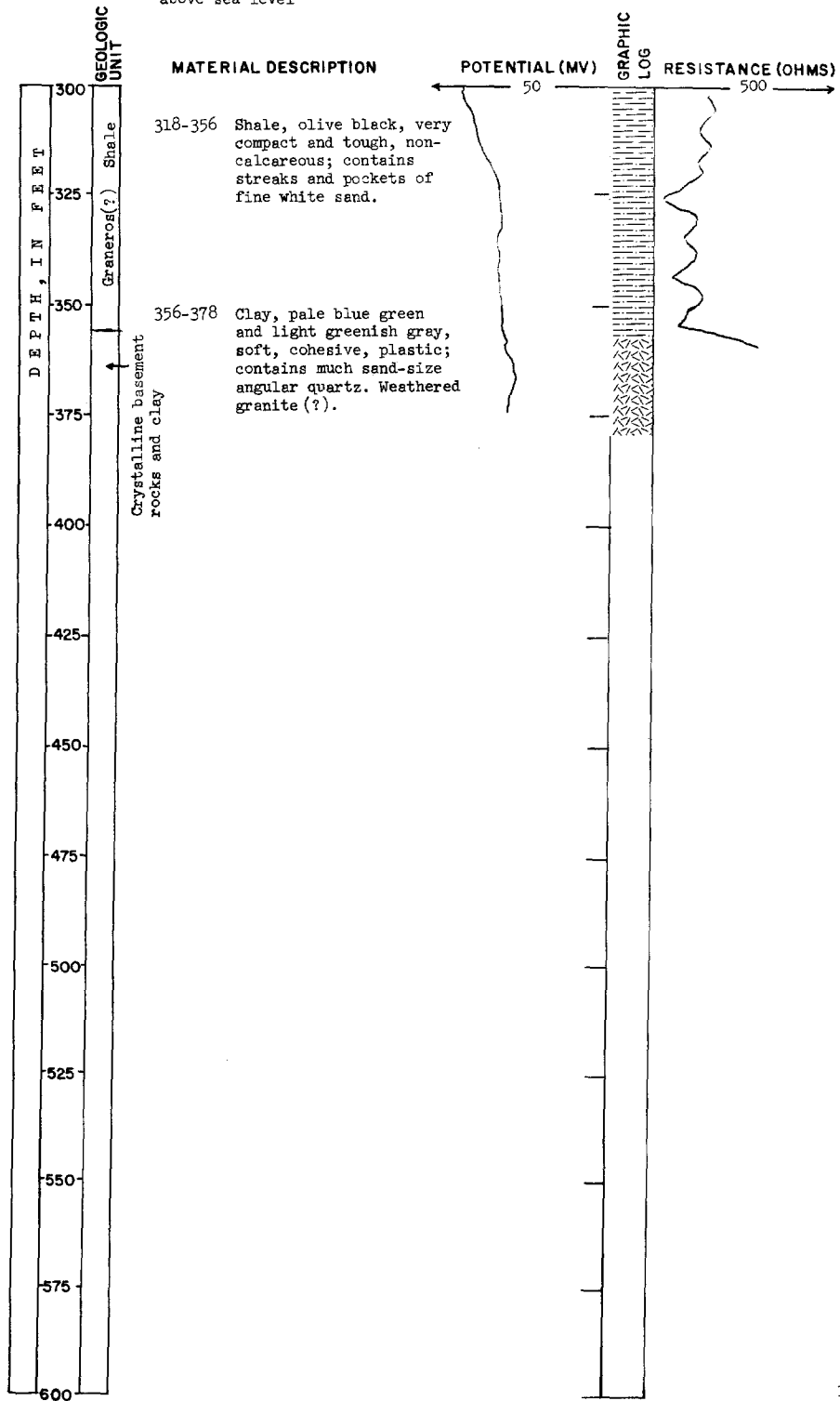
DEPTH: 378 feet



TEST HOLE 2316  
(Continued)

LOCATION: 132-47-7bcc  
ELEVATION: 958 feet  
above sea level

DATE DRILLED: Sept. 17, 1964  
DEPTH: 378 feet



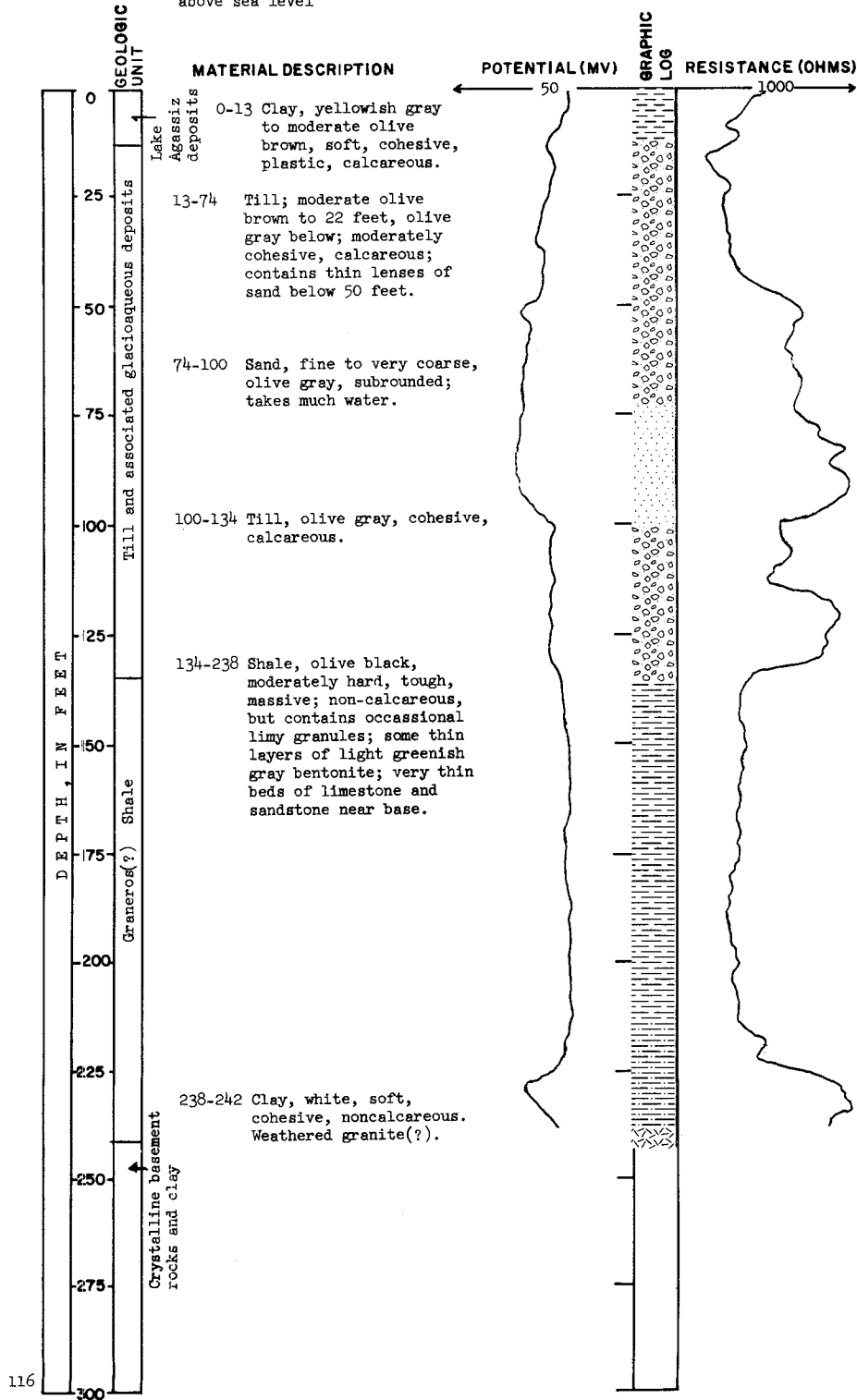
TEST HOLE 3163

LOCATION: 132-48-10bcc

DATE DRILLED: Sept. 18, 1964

ELEVATION: 958 feet  
above sea level

DEPTH: 242 feet



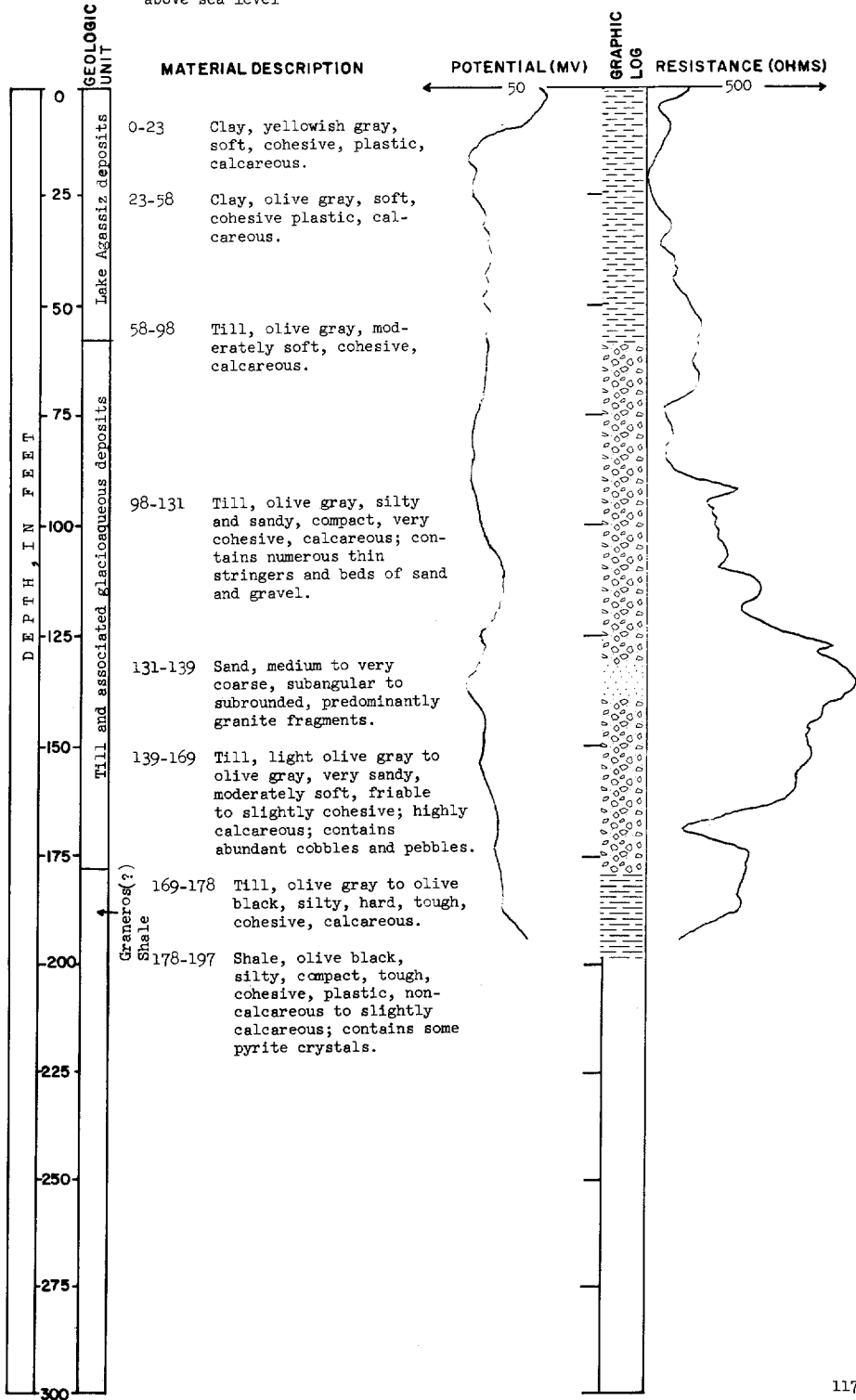
TEST HOLE 3161

LOCATION: 132-49-10cbb

DATE DRILLED: Sept. 16, 1964

ELEVATION: 964 feet  
above sea level

DEPTH: 197 feet





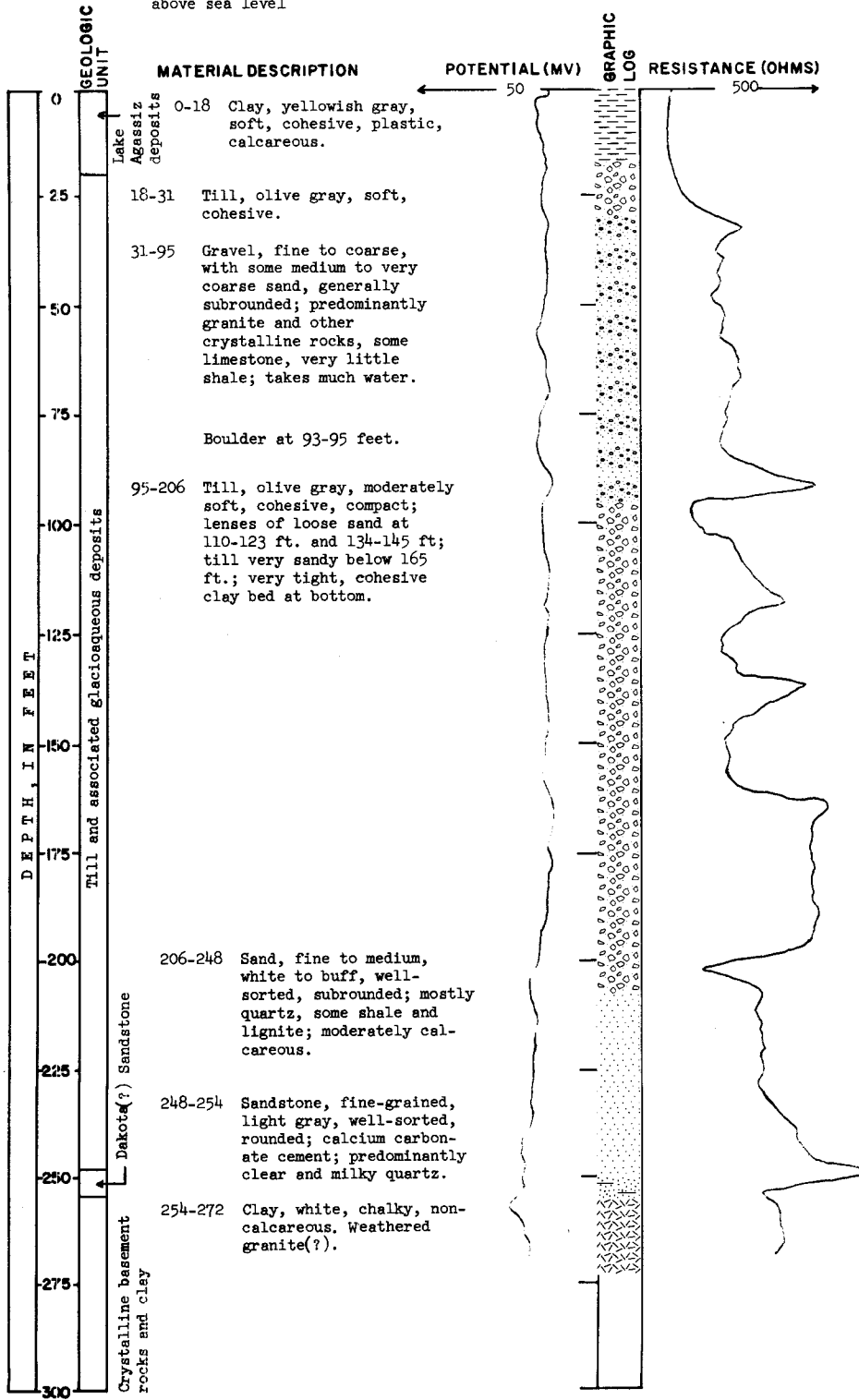
TEST HOLE 3162

LOCATION: 132-49-12daa

DATE DRILLED: Sept. 16, 1964

ELEVATION: 961 feet  
above sea level

DEPTH: 272 feet



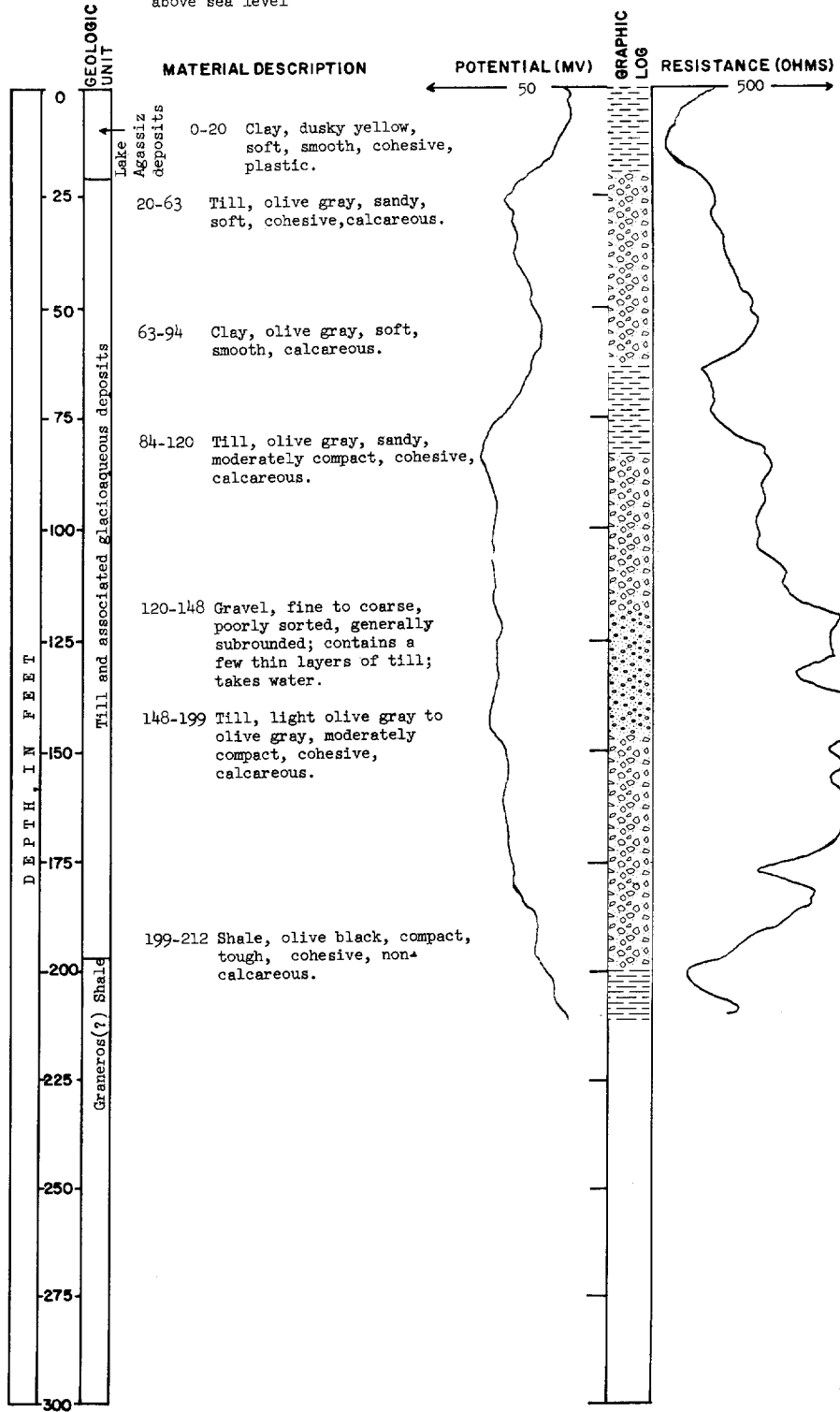
TEST HOLE 3160

LOCATION: 132-49-36aaa

DATE DRILLED: Sept. 15, 1964

ELEVATION: 965 feet  
above sea level

DEPTH: 212 feet



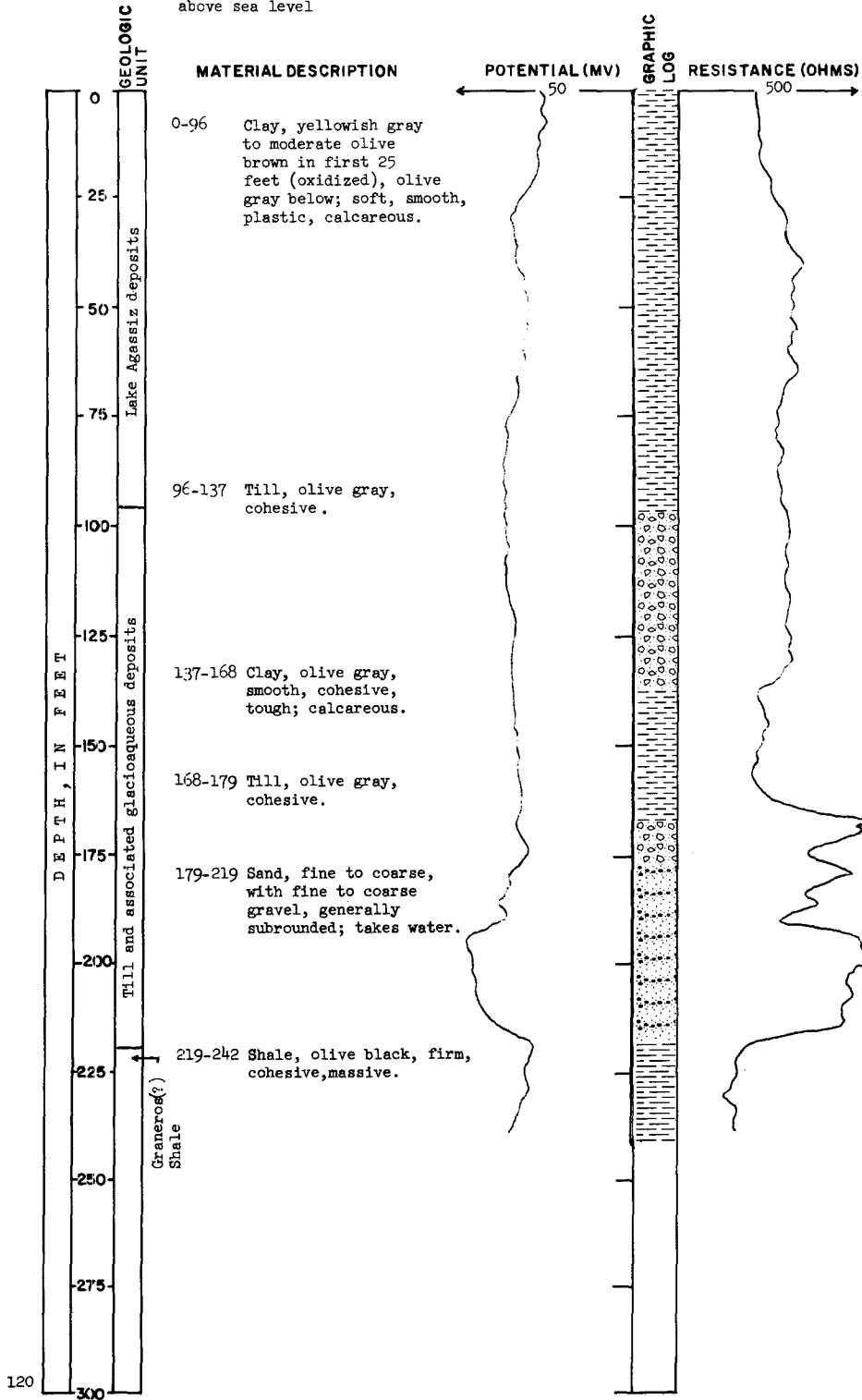
TEST HOLE 3164

LOCATION: 132-50-10bcc

DATE DRILLED: Sept. 21, 1964

ELEVATION: 990 feet  
above sea level

DEPTH: 242 feet



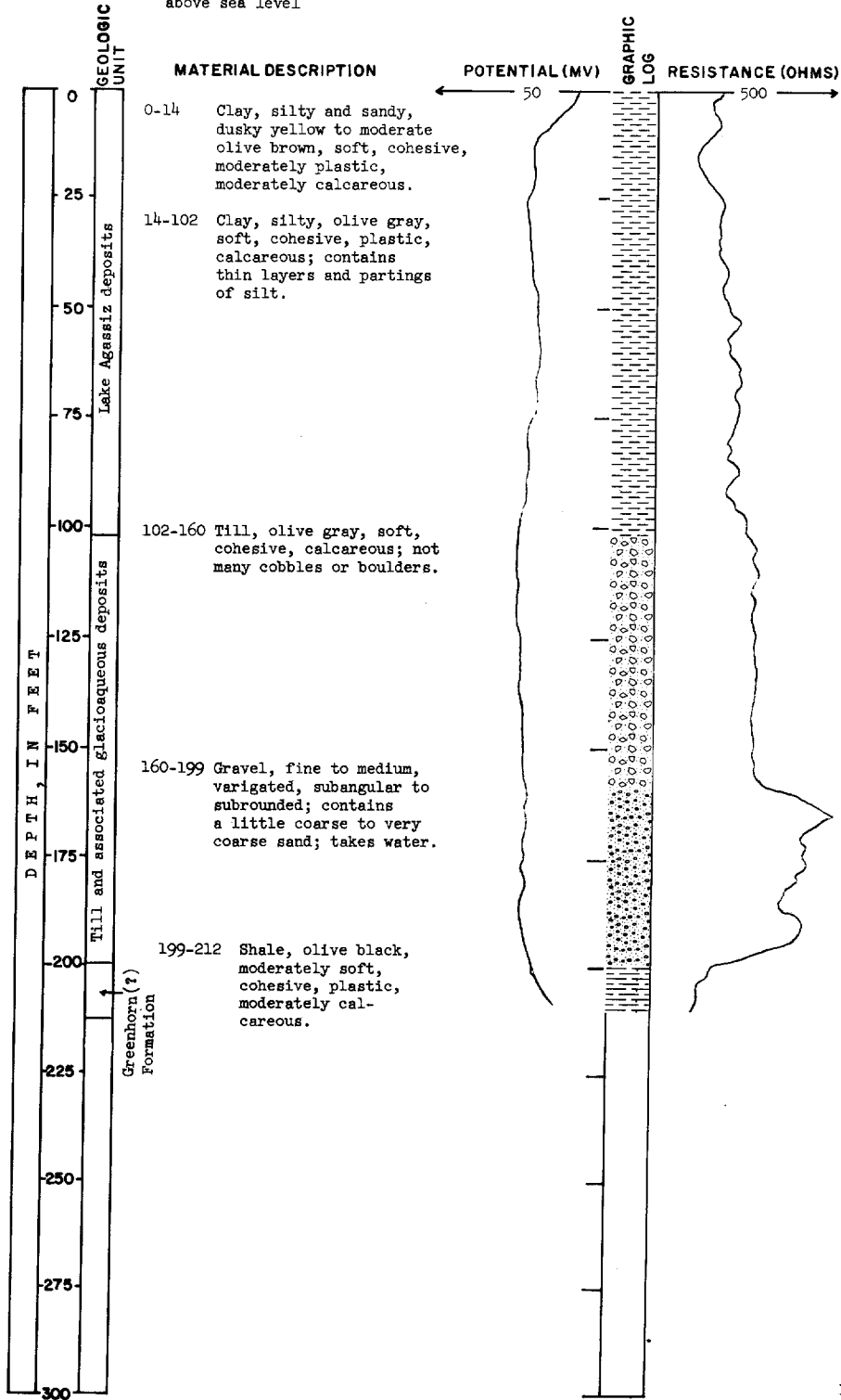
TEST HOLE 3166

LOCATION: 132-50-13bbb

DATE DRILLED: Sept. 24, 1964

ELEVATION: 1032 feet  
above sea level

DEPTH: 212 feet



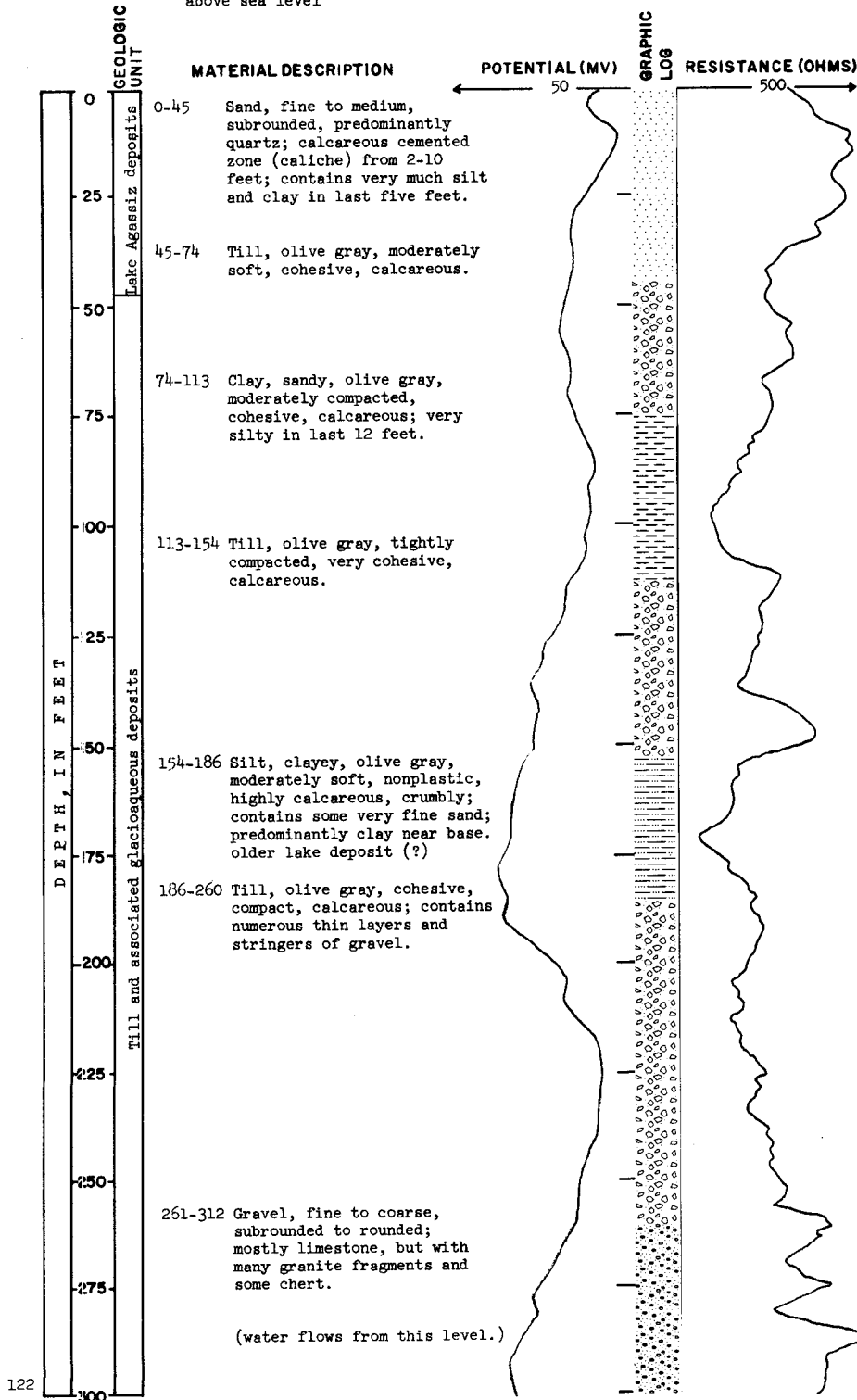
TEST HOLE 2199

LOCATION: 132-52-6bbb

DATE DRILLED: Oct. 2, 1963

ELEVATION: 1064 feet  
above sea level

DEPTH: 346 feet



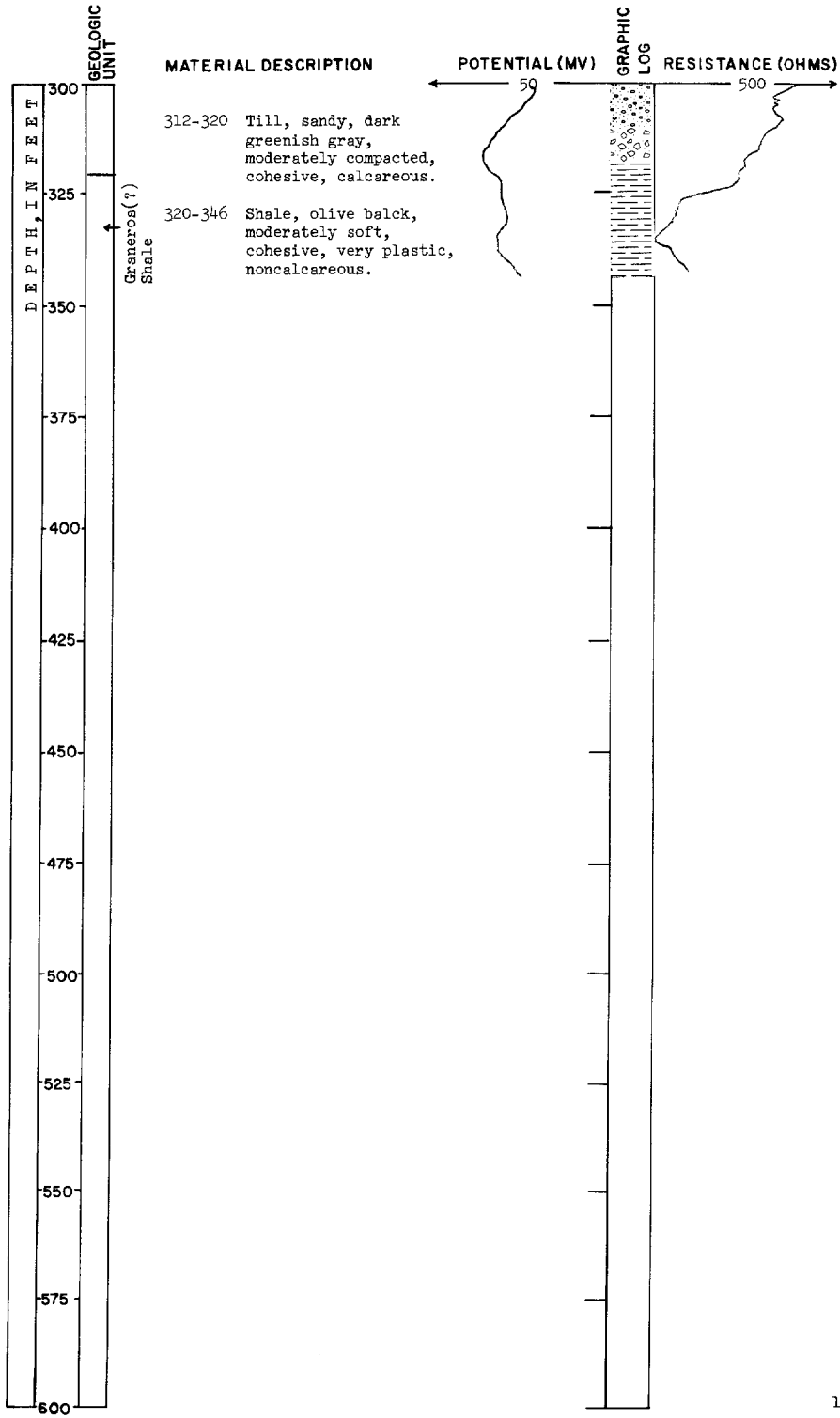
TEST HOLE 2199  
(Continued)

LOCATION: 132-52-6bbb

DATE DRILLED: Oct. 2, 1963

ELEVATION: 1064 feet  
above sea level

DEPTH: 346 feet



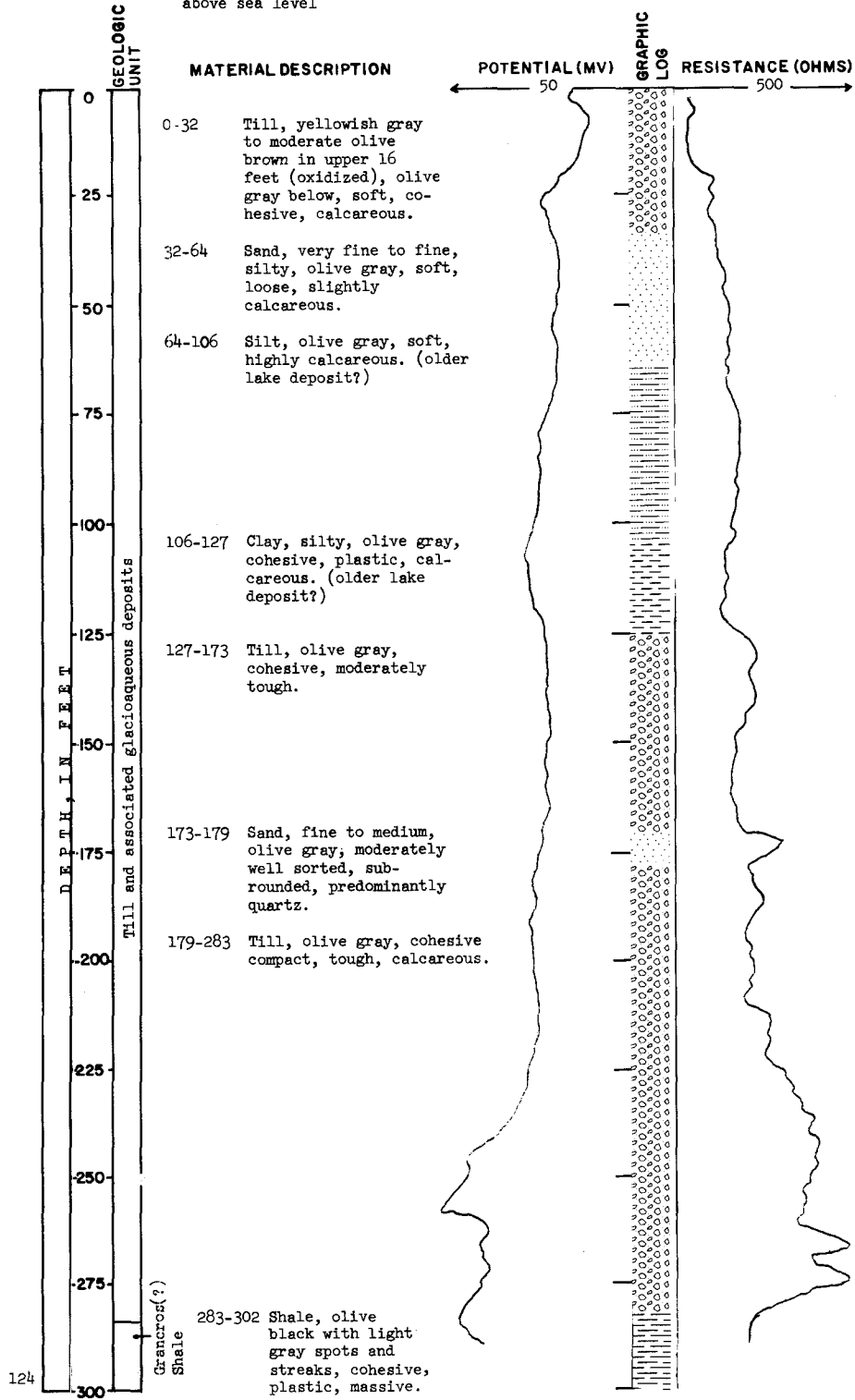
TEST HOLE 3165

LOCATION: 132-52-17aaa

DATE DRILLED: Sept. 22, 1964

ELEVATION: 1065 feet  
above sea level

DEPTH: 302 feet



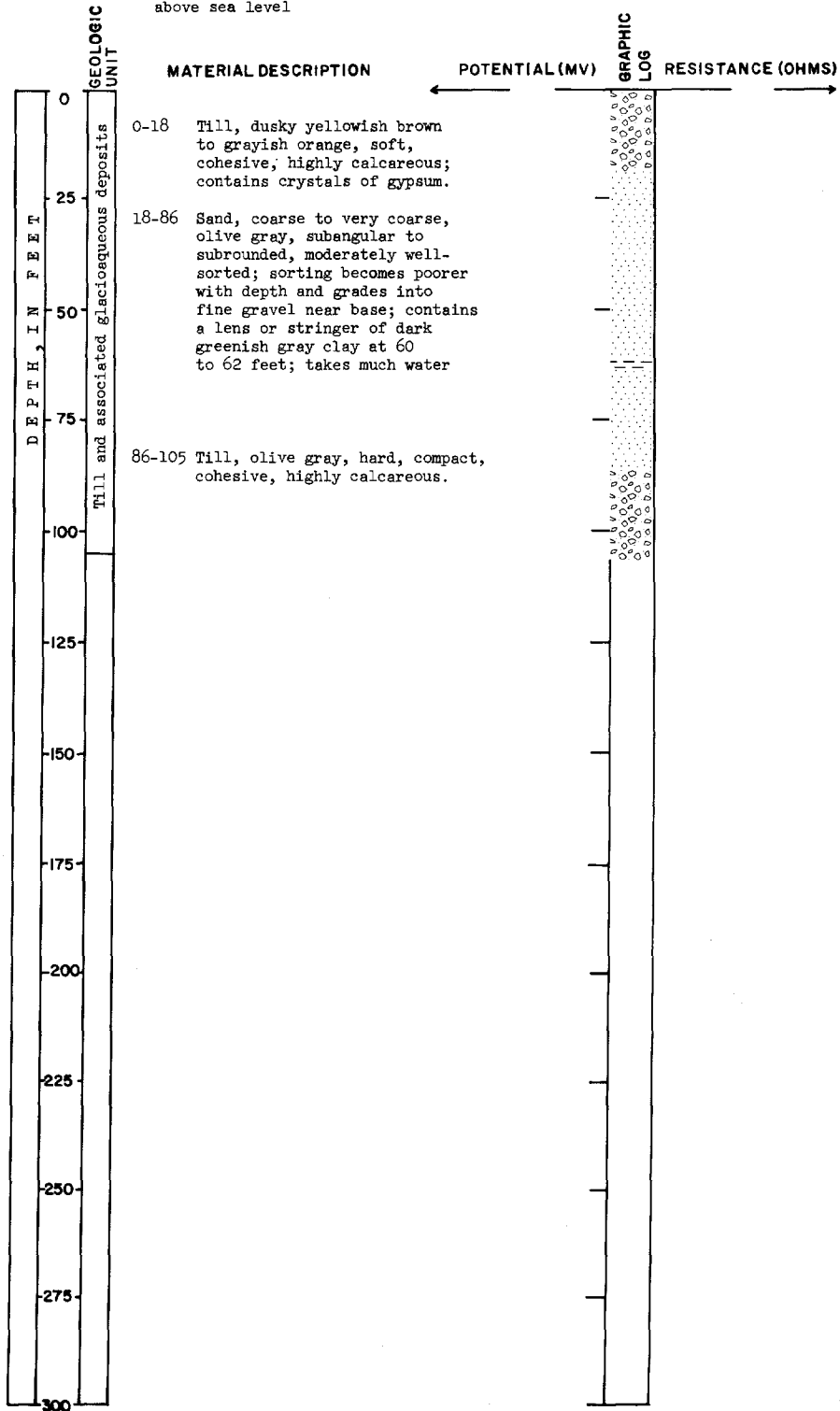
TEST HOLE 2313

LOCATION: 133-47-17ddd

DATE DRILLED: Sept. 16, 1964

ELEVATION: 964 feet  
above sea level

DEPTH: 105 feet





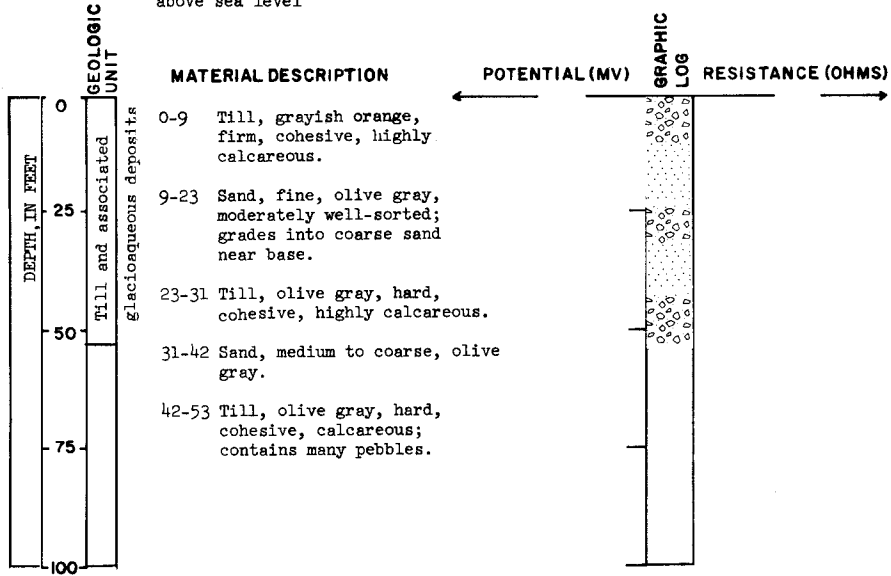
TEST HOLE 2315

LOCATION: 133-47-20bba

DATE DRILLED: Sept. 17, 1964

ELEVATION: 966 feet  
above sea level

DEPTH: 53 feet



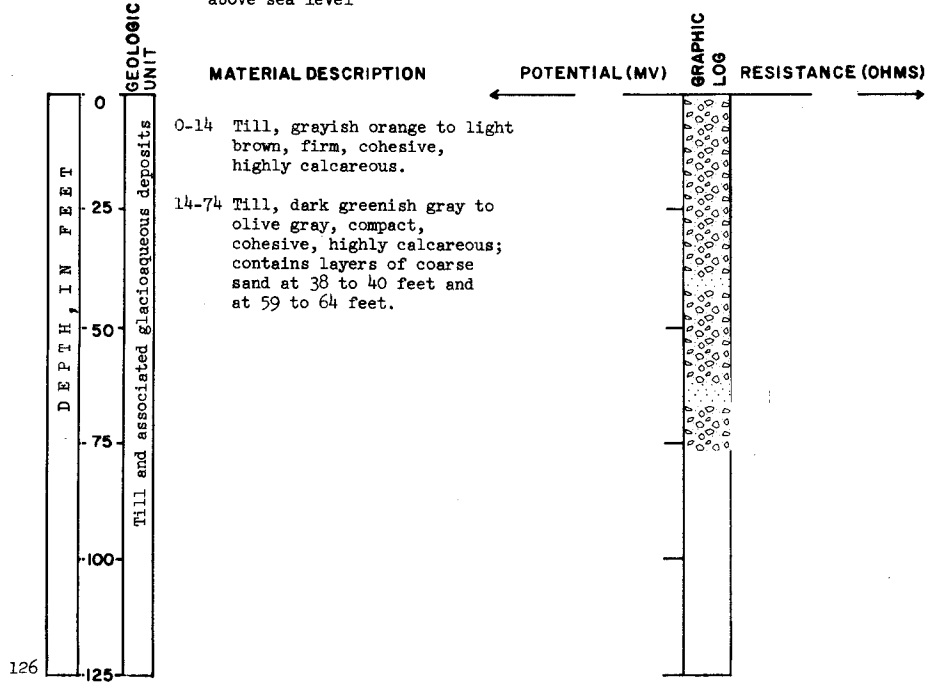
TEST HOLE 2314

LOCATION: 133-47-23bbb

DATE DRILLED: Sept. 16, 1964

ELEVATION: 967 feet  
above sea level

DEPTH: 74 feet



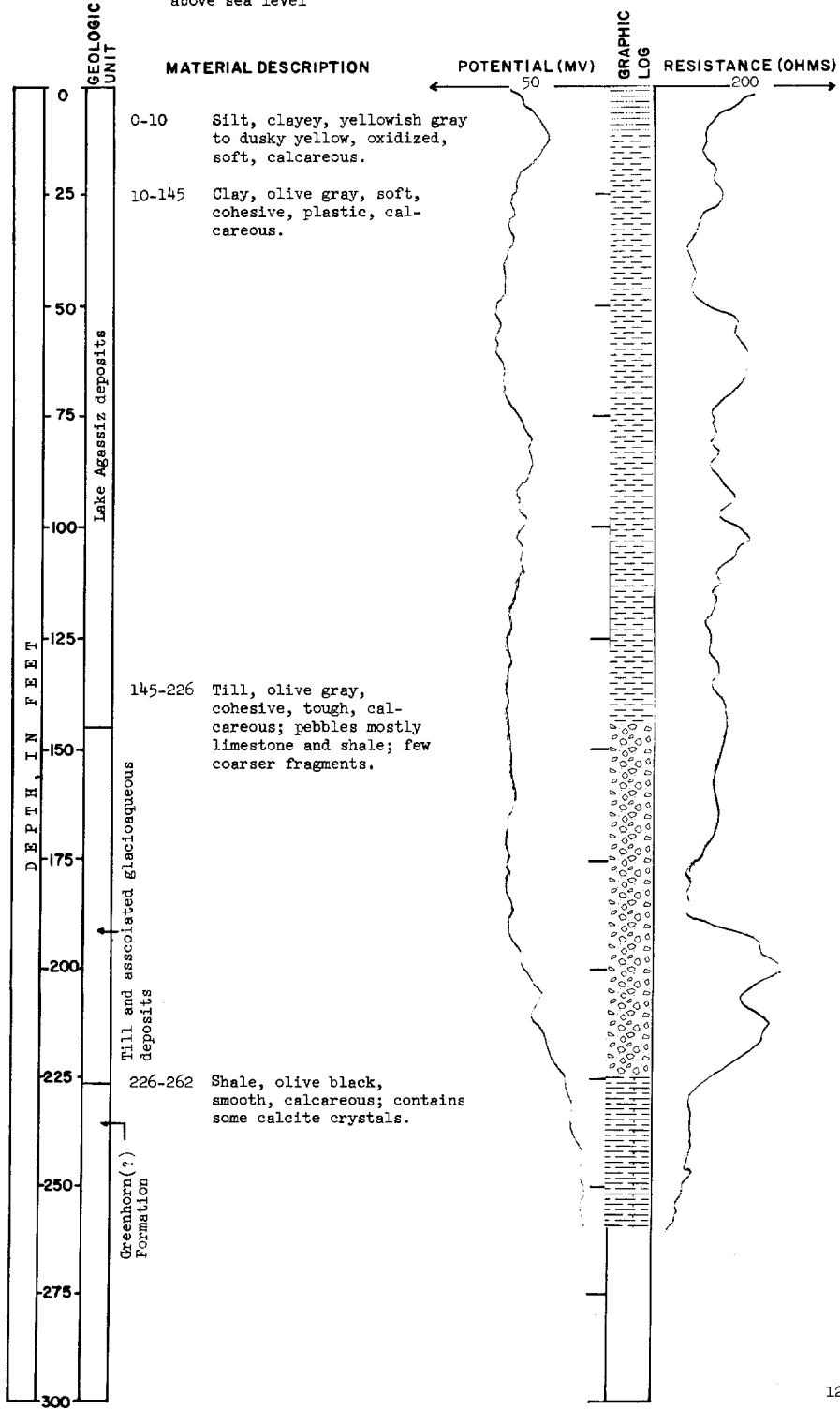
TEST HOLE 2194

LOCATION: 133-50-18ddd

DATE DRILLED: Sept. 30, 1963

ELEVATION: 1036 feet  
above sea level

DEPTH: 262 feet



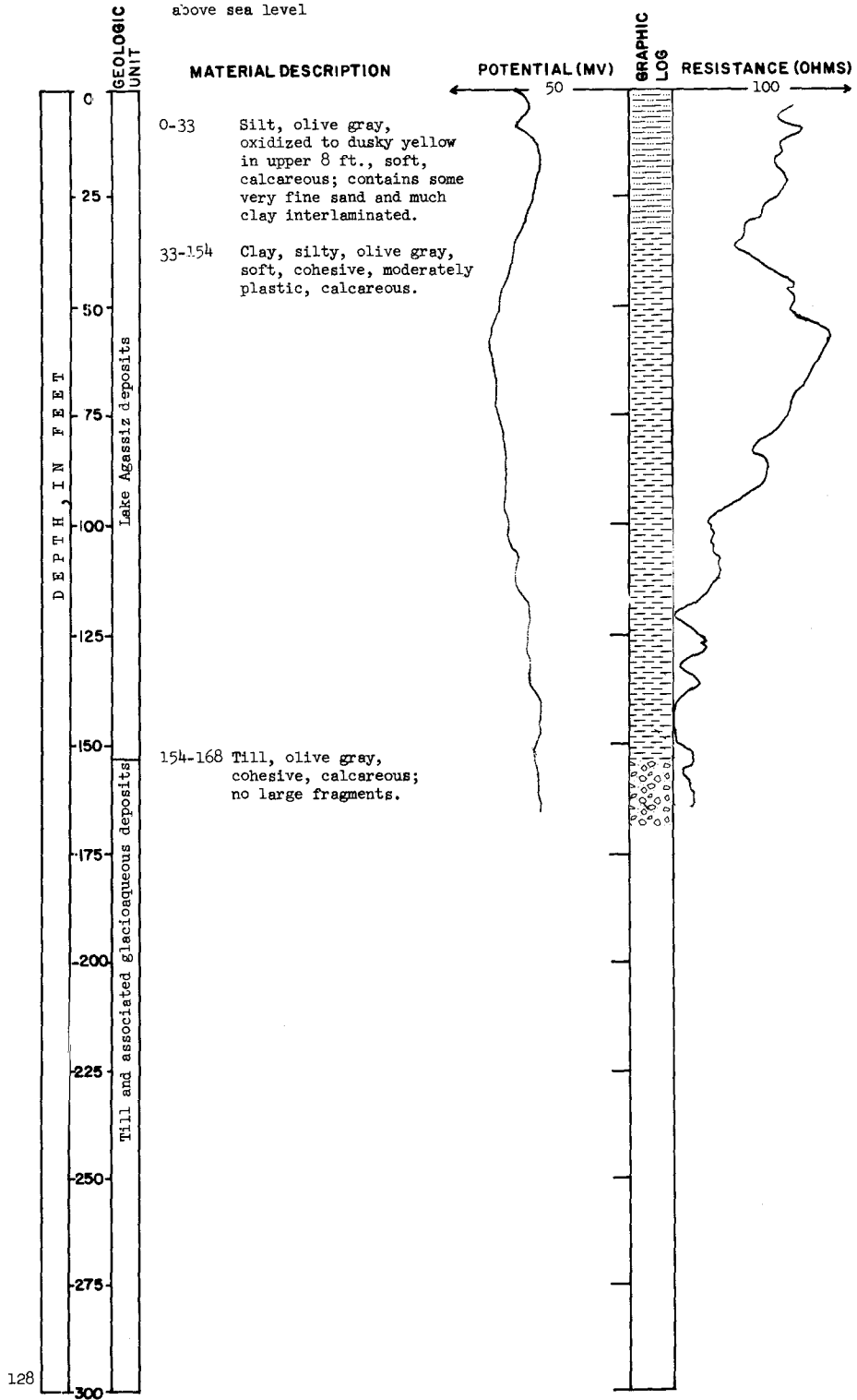
TEST HOLE 2195

LOCATION: 133-51-21aaa

DATE DRILLED: Oct. 1, 1963

ELEVATION: 1062 feet  
above sea level

DEPTH: 168 feet



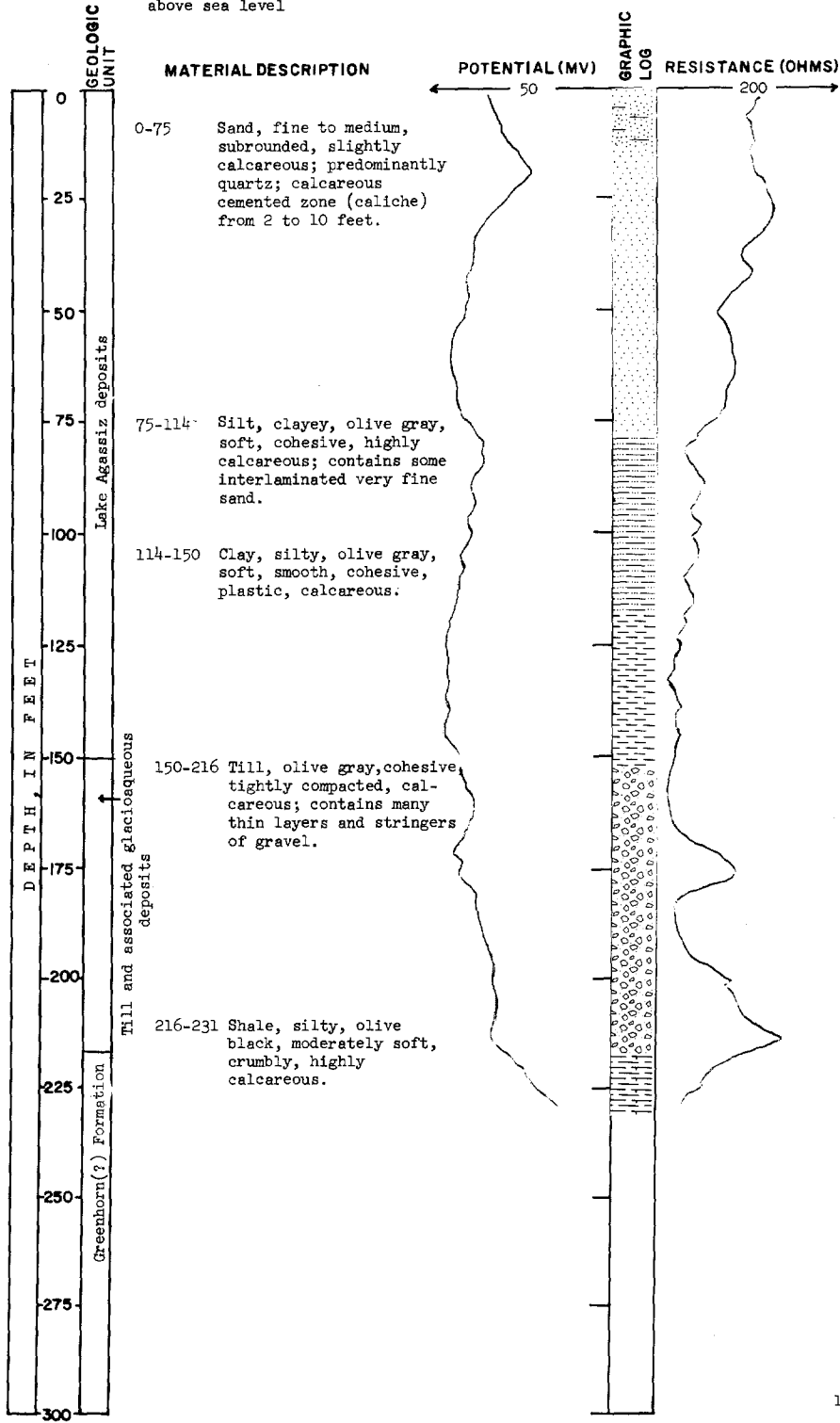
TEST HOLE 2196

LOCATION: 133-52-13ccc

DATE DRILLED: Oct. 1, 1963

ELEVATION: 1070 feet  
above sea level

DEPTH: 231 feet



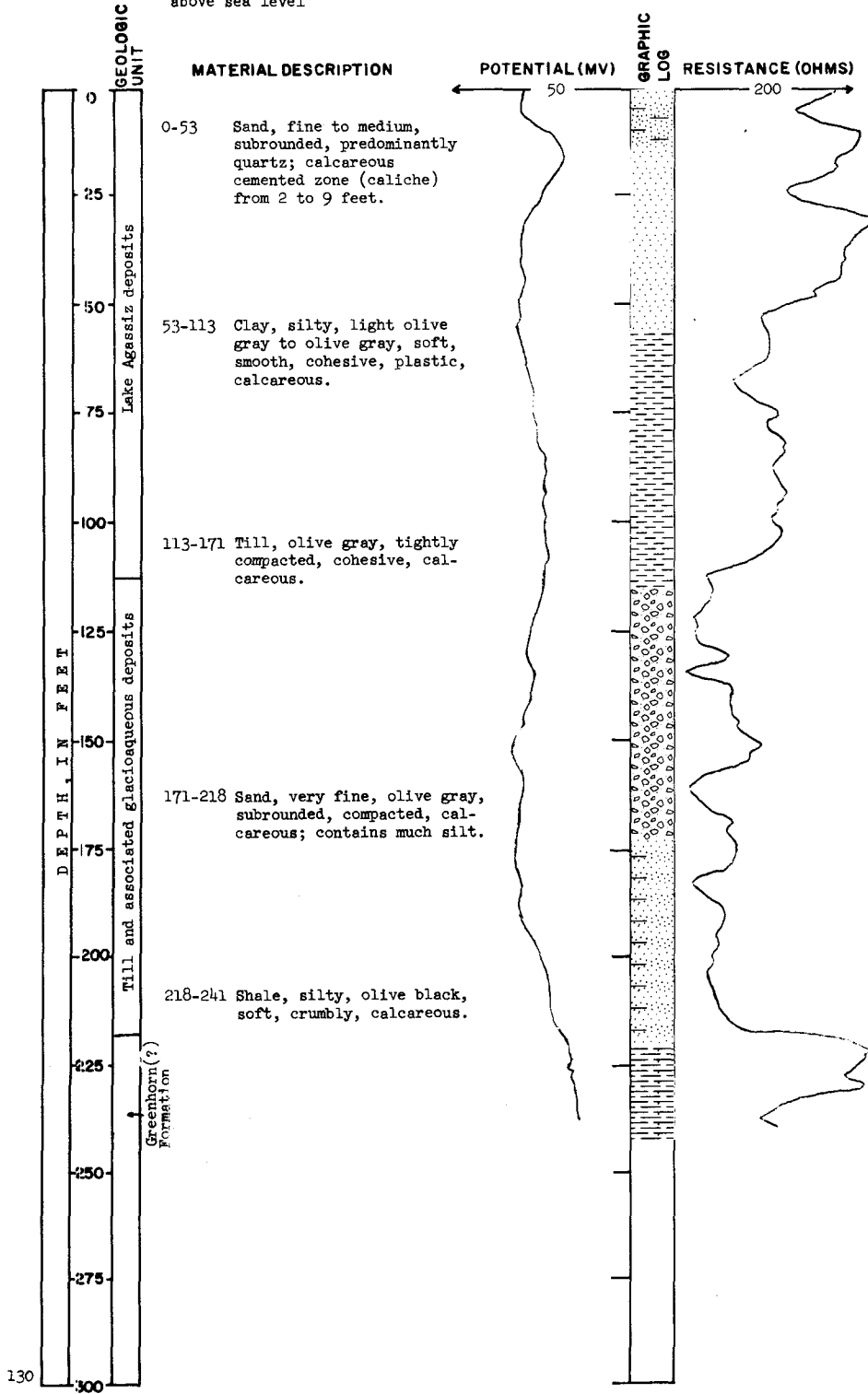
TEST HOLE 2197

LOCATION: 133-52-17ccc

DATE DRILLED: Oct. 2, 1963

ELEVATION: 1076 feet  
above sea level

DEPTH: 241 feet



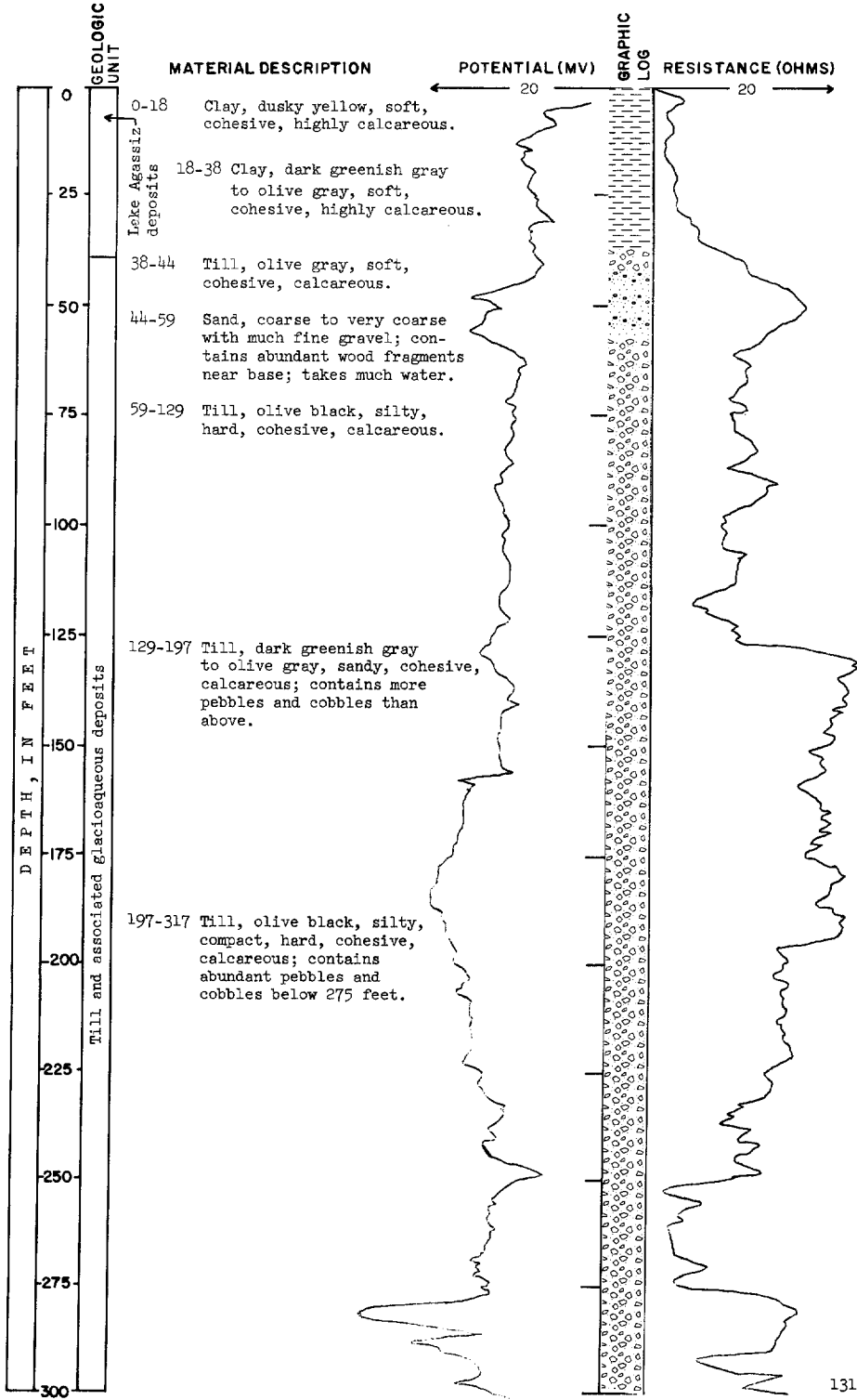
TEST HOLE 2309

LOCATION: 134-48-9baa

DATE DRILLED: Sept. 15, 1964

ELEVATION:

DEPTH: 326 feet



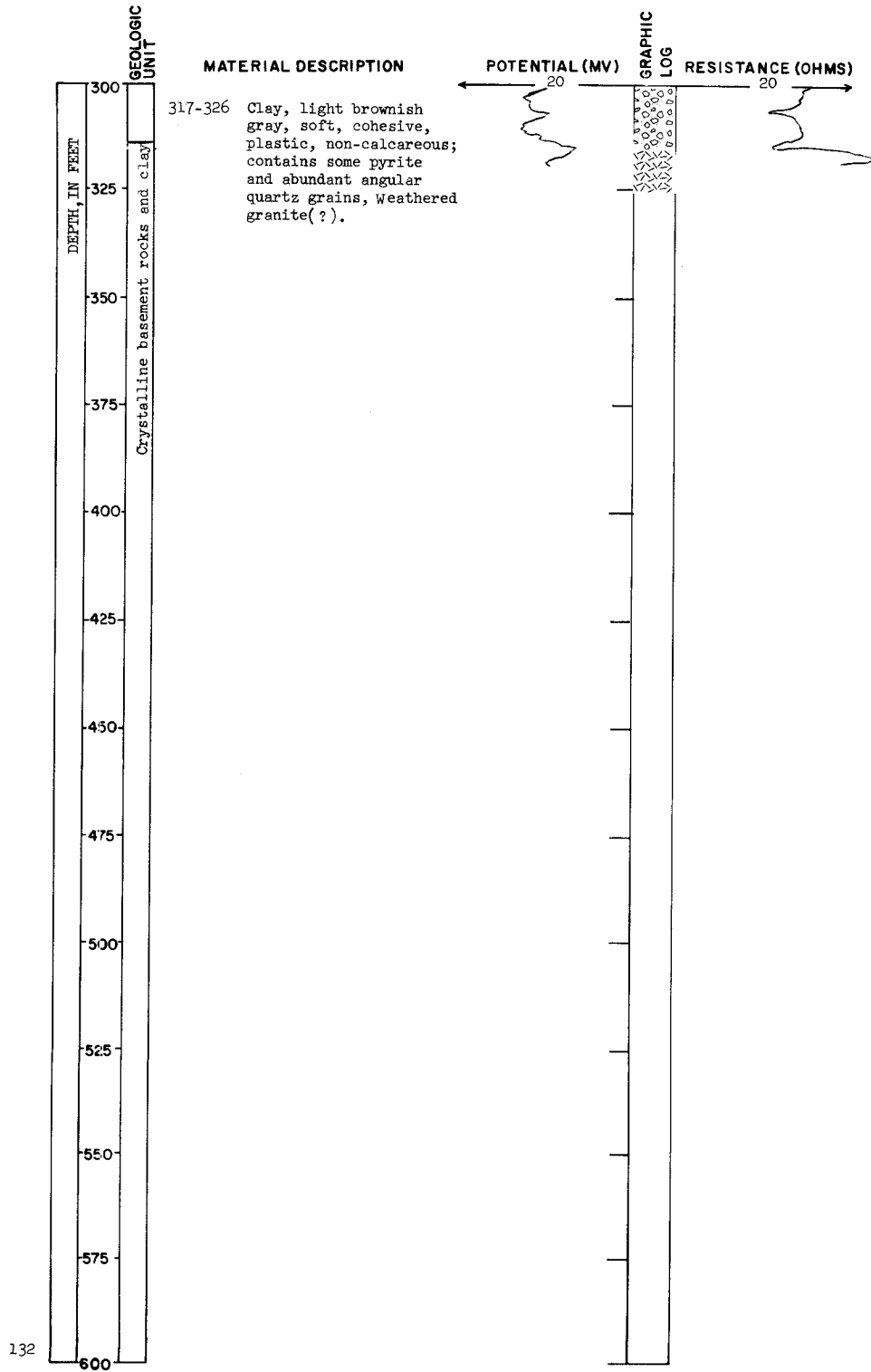
TEST HOLE 2309  
(Continued)

LOCATION: 134-48-9baa

DATE DRILLED: Sept. 15, 1964

ELEVATION:

DEPTH: 326 feet



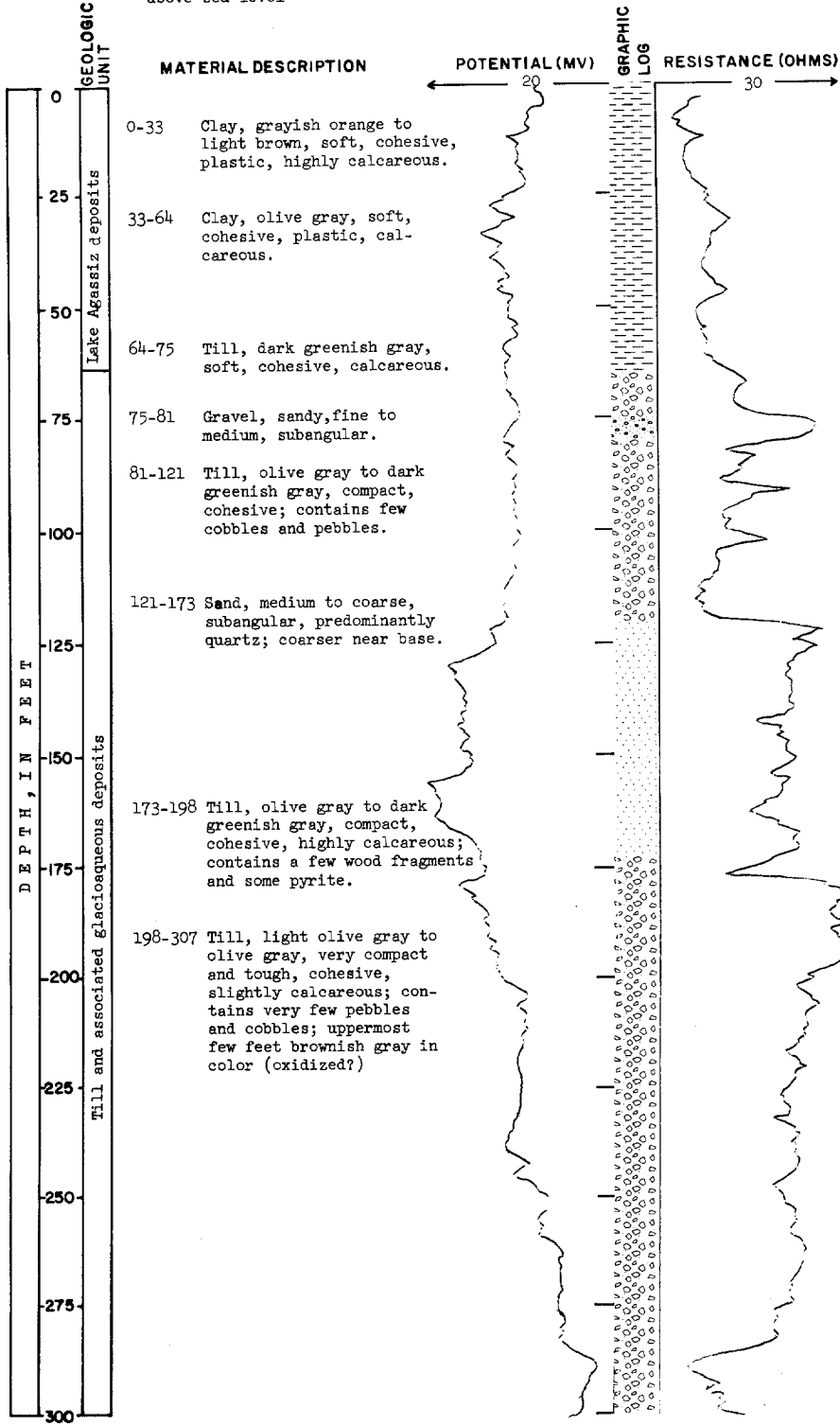
TEST HOLE 2311

LOCATION: 134-49-5cdd

DATE DRILLED: Sept. 11, 1964

ELEVATION: 954 feet  
above sea level

DEPTH: 336 feet





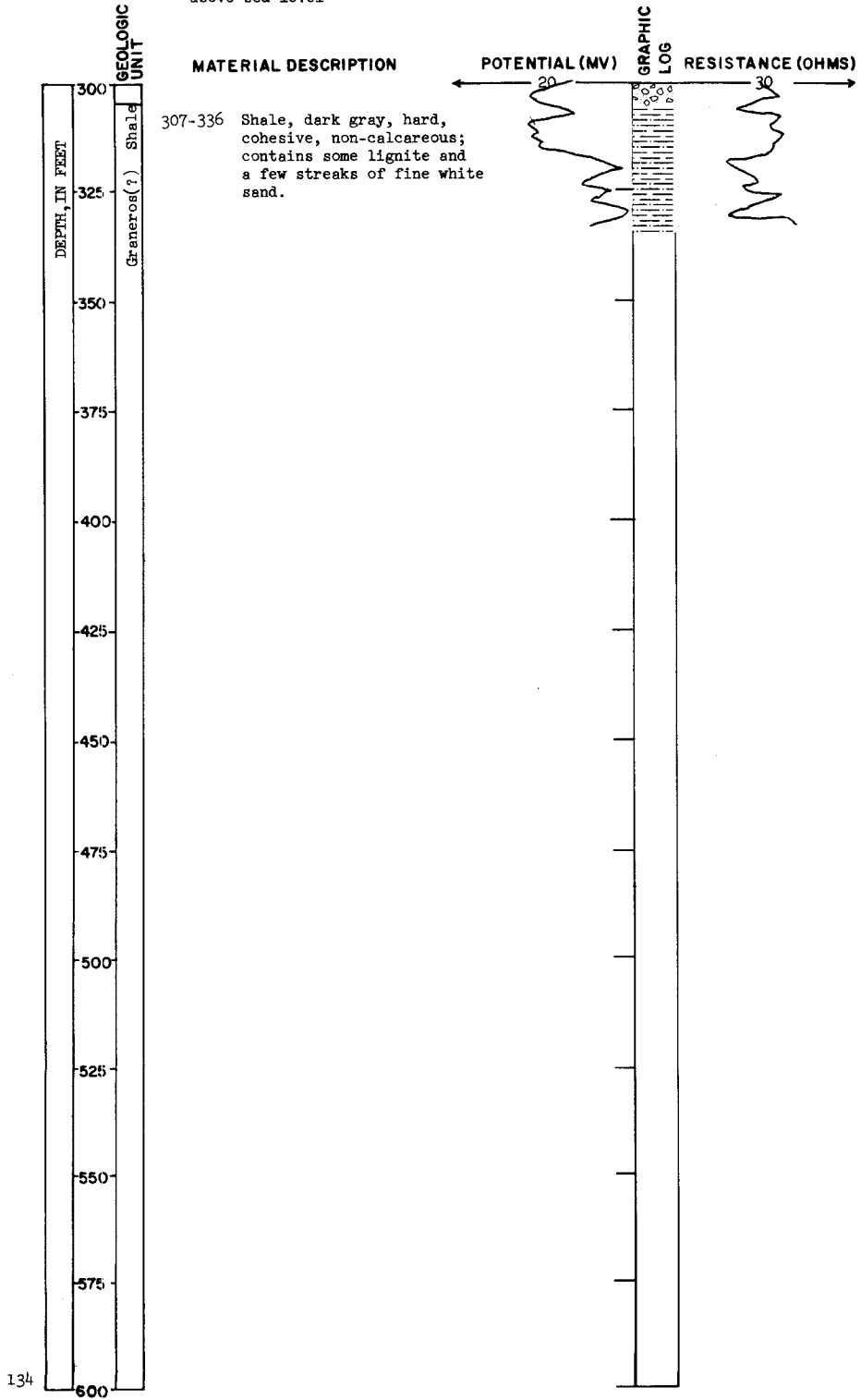
TEST HOLE 2311  
(Continued)

LOCATION: 134-49-5cdd

DATE DRILLED: Sept. 11, 1964

ELEVATION: 954 feet  
above sea level

DEPTH: 336 feet



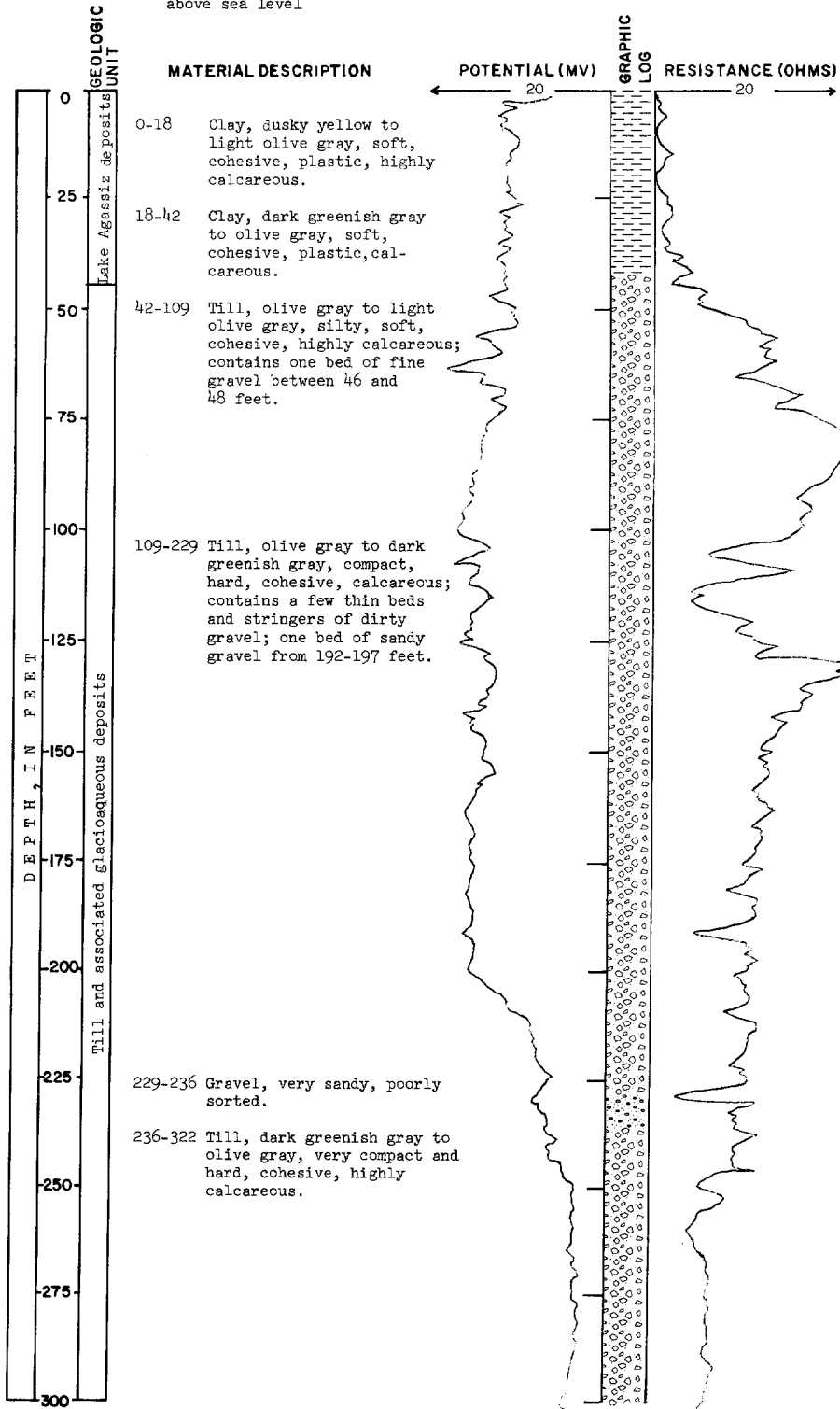
TEST HOLE 2312

LOCATION: 134-49-11aaa

DATE DRILLED: Sept. 14, 1964

ELEVATION: 938 feet  
above sea level

DEPTH: 357 feet



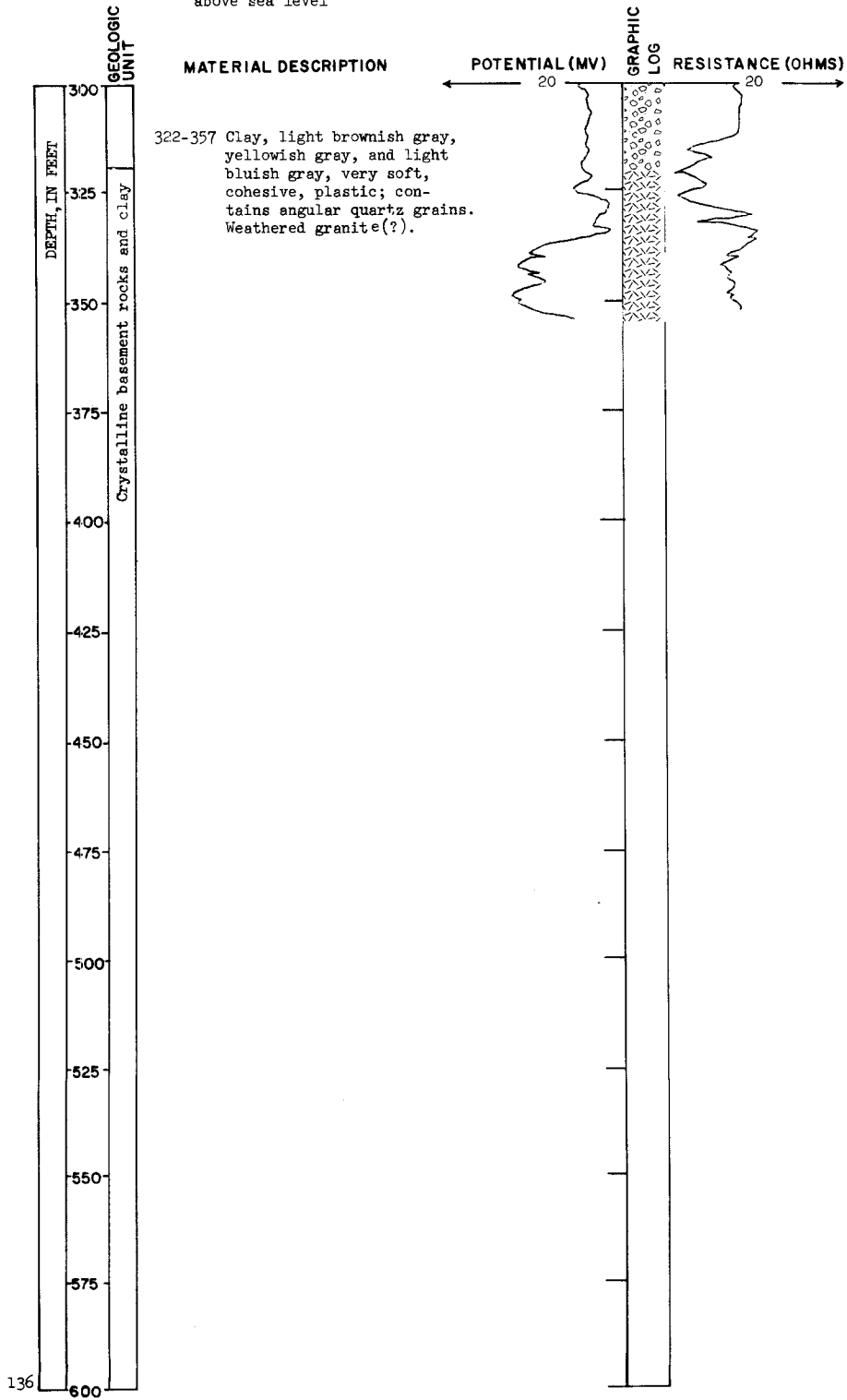
TEST HOLE 2312  
(Continued)

LOCATION: 134-49-11aaa

DATE DRILLED: Sept. 14, 1964

ELEVATION: 938 feet  
above sea level

DEPTH: 357 feet



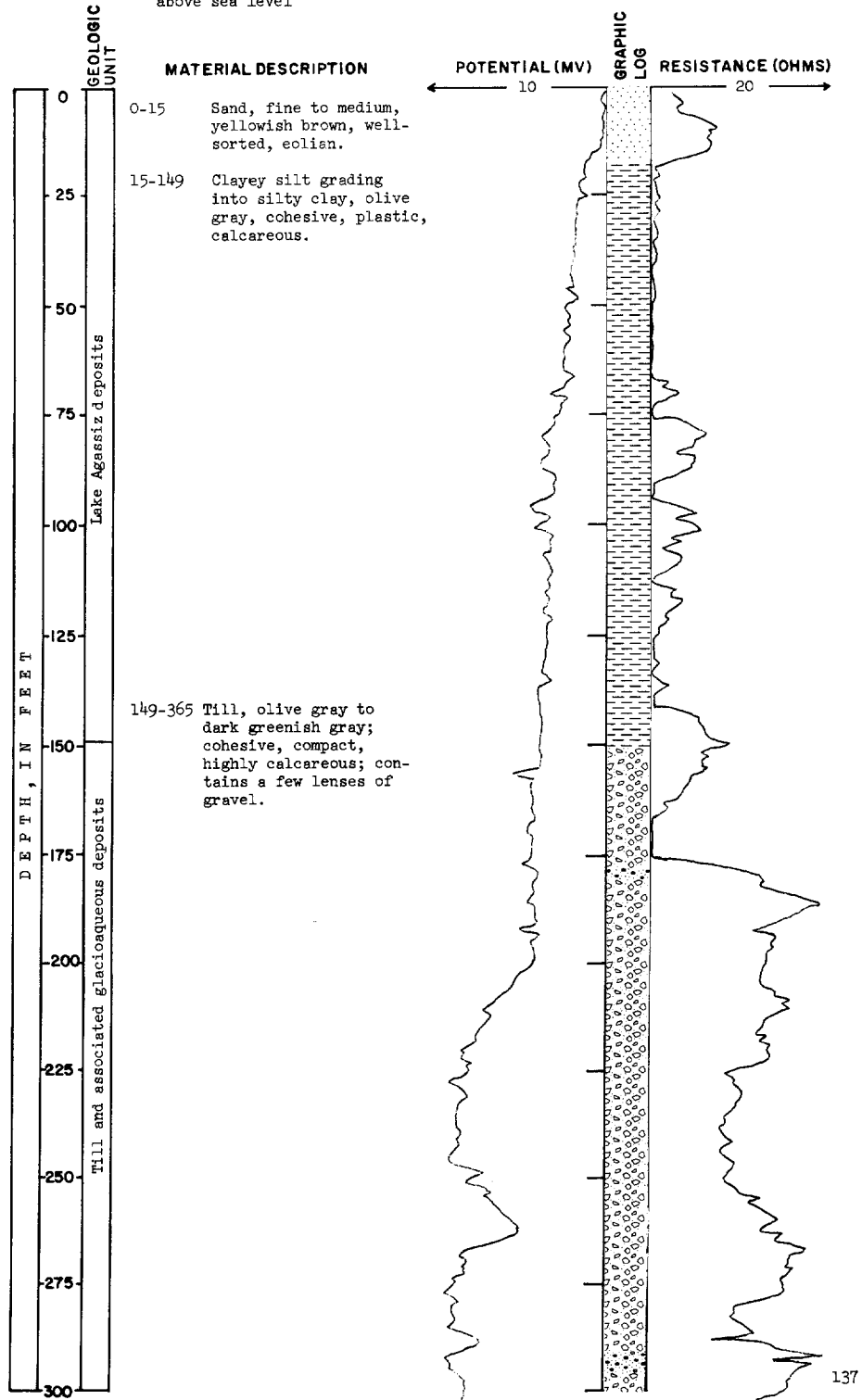
TEST HOLE 2310

LOCATION: 134-50-11bbb

DATE DRILLED: Sept. 10, 1964

ELEVATION: 1013 feet  
above sea level

DEPTH: 515 feet



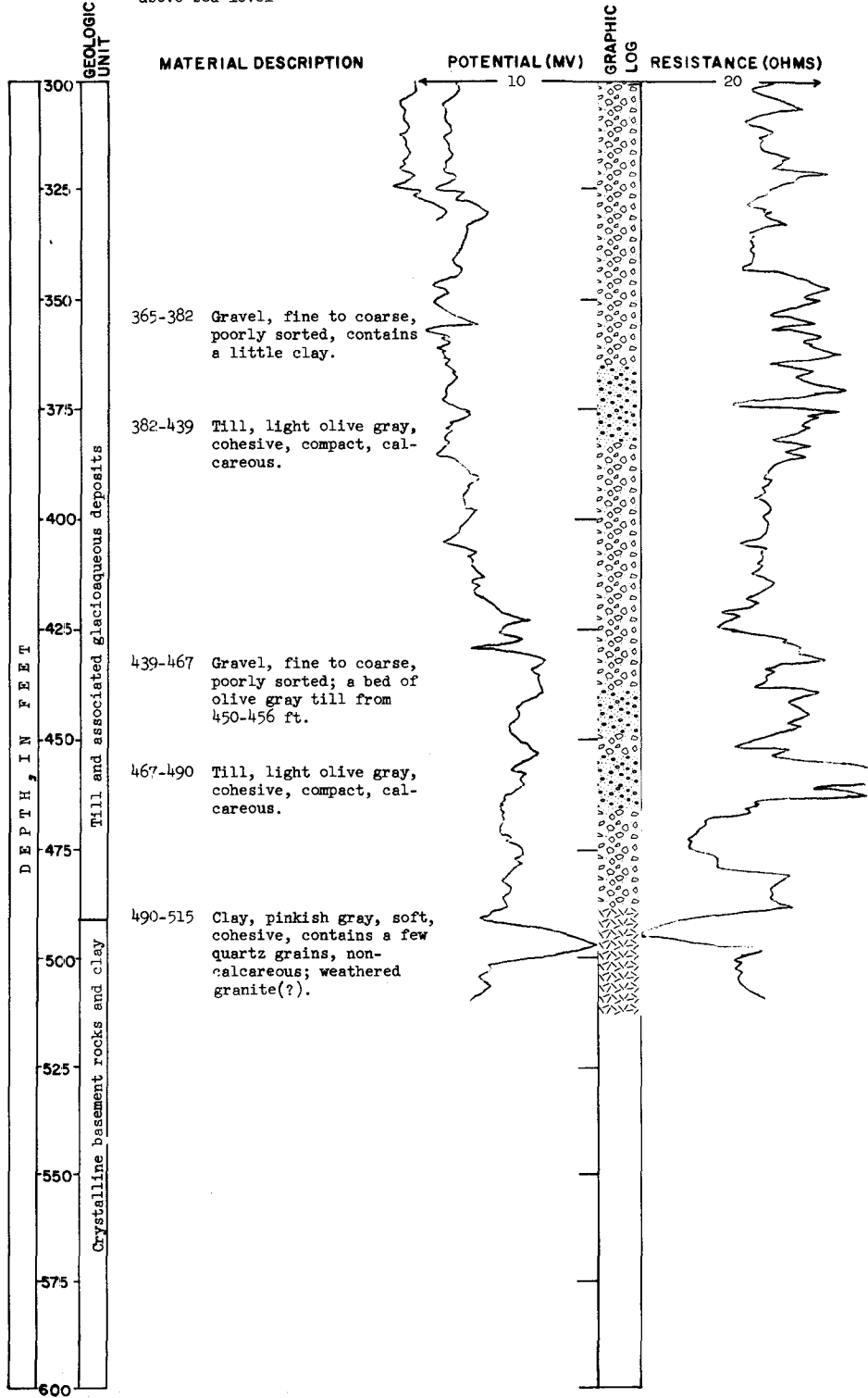
TEST HOLE 2310  
(Continued)

LOCATION: 134-50-11bbb

DATE DRILLED: Sept. 10, 1964

ELEVATION: 1013 feet  
above sea level

DEPTH: 515 feet



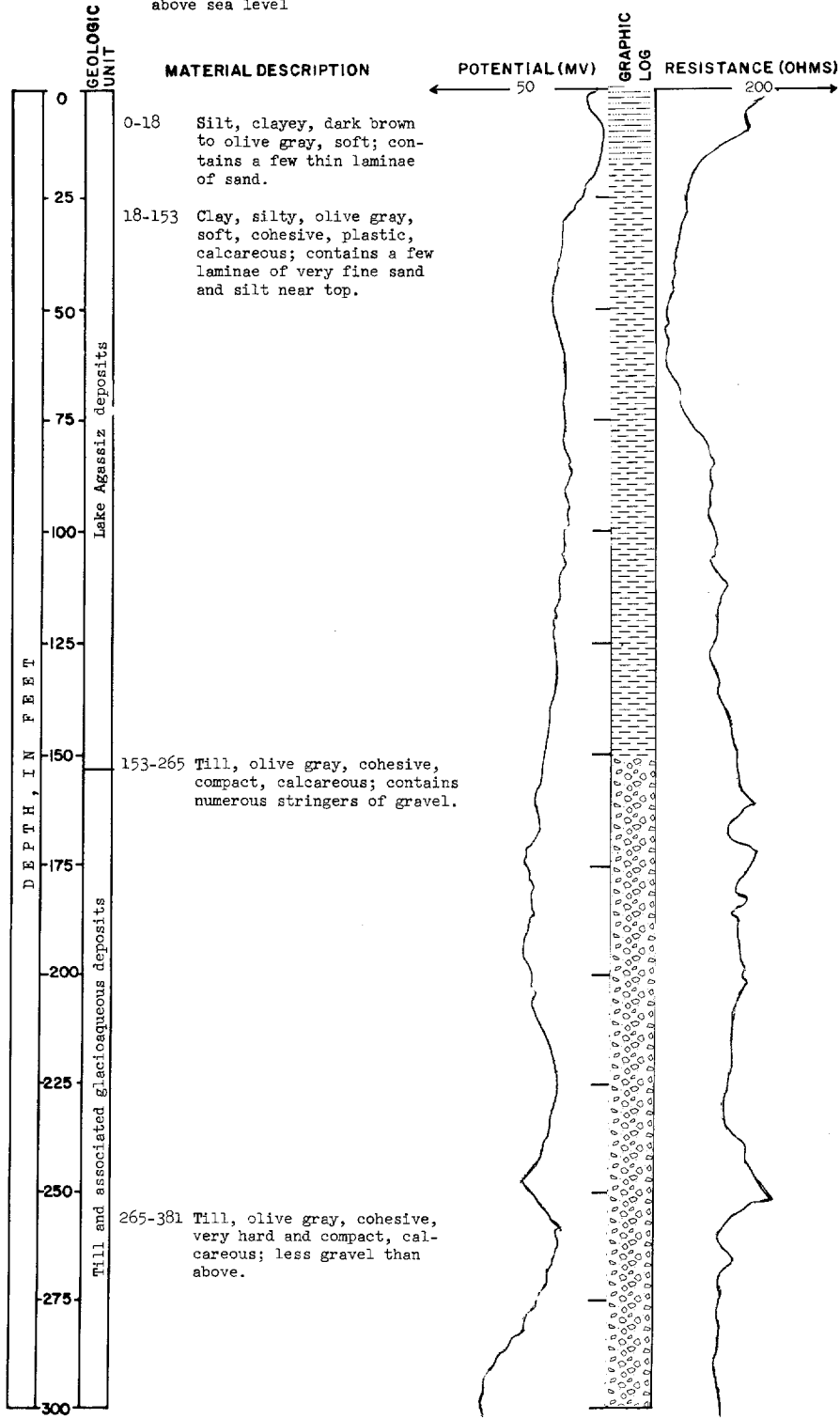
TEST HOLE 2192

LOCATION: 134-50-33aaa

DATE DRILLED: Sept. 27, 1963

ELEVATION: 1018 feet  
above sea level

DEPTH: 472 feet



TEST HOLE 2192

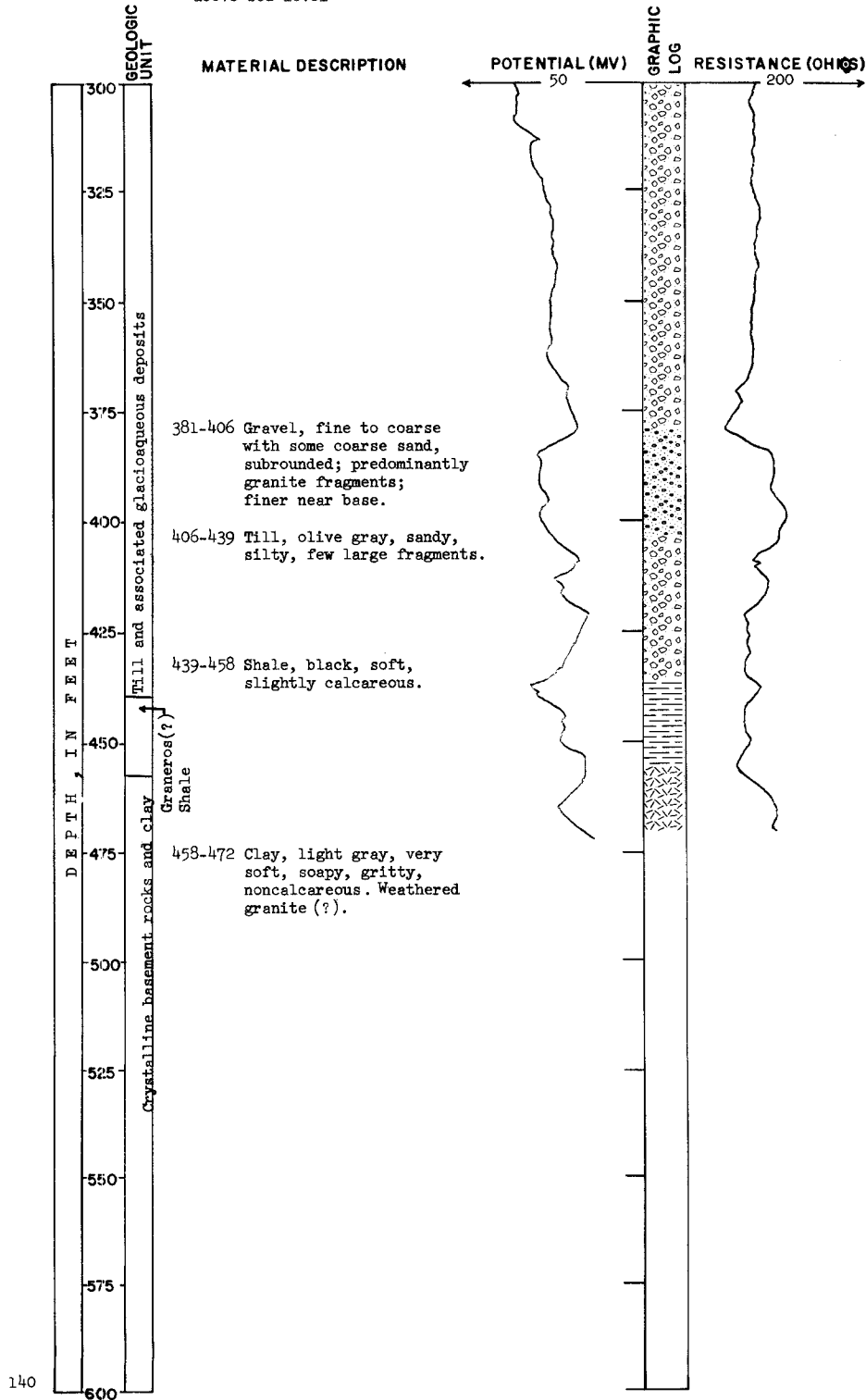
LOCATION: 134-50-33aaa

(Continued)

DATE DRILLED: Sept. 27, 1963

ELEVATION: 1018 feet  
above sea level

DEPTH: 472 feet



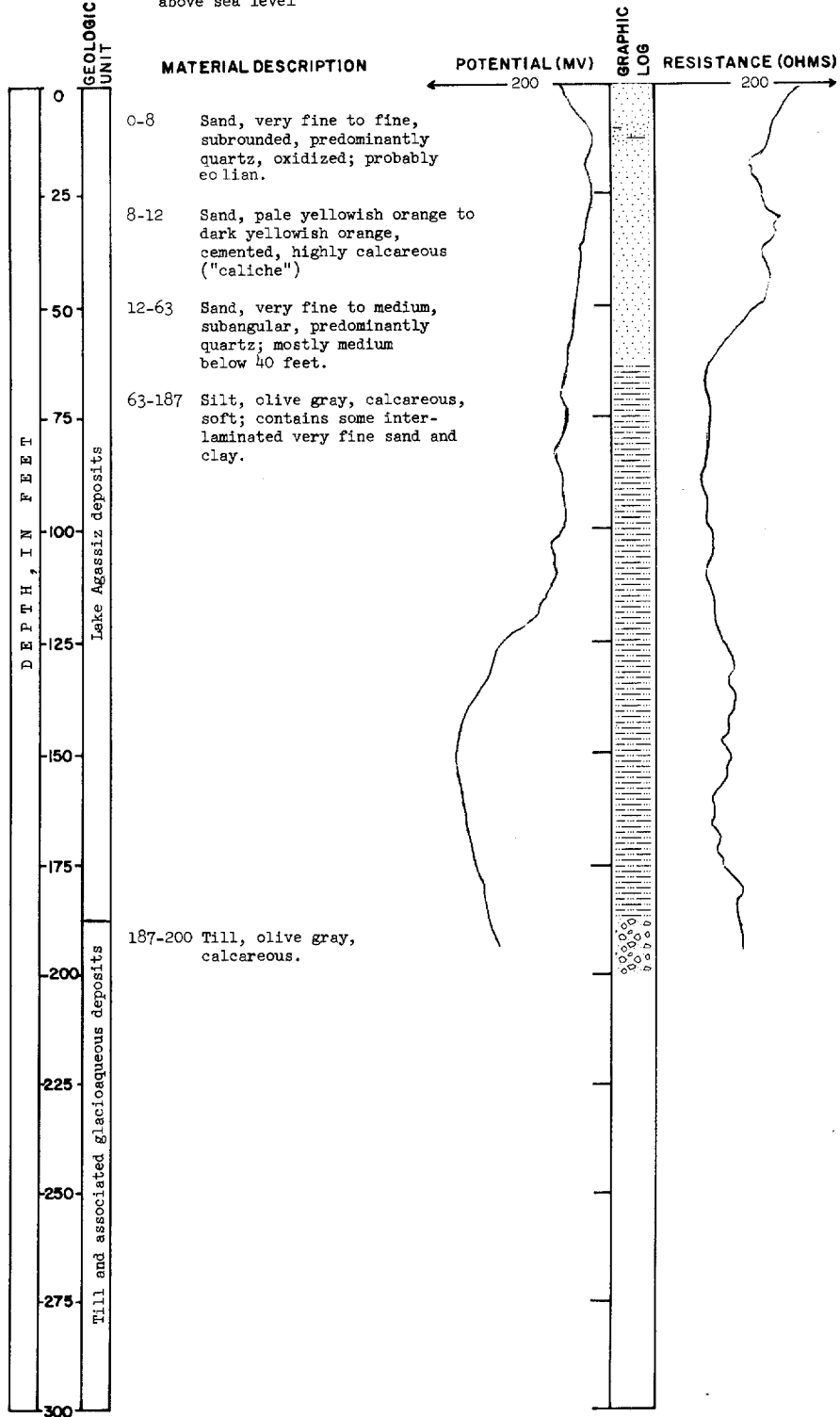
TEST HOLE 2187

LOCATION: 134-51-9bbb

DATE DRILLED: Sept. 20, 1963

ELEVATION: 1061 feet  
above sea level

DEPTH: 200 feet





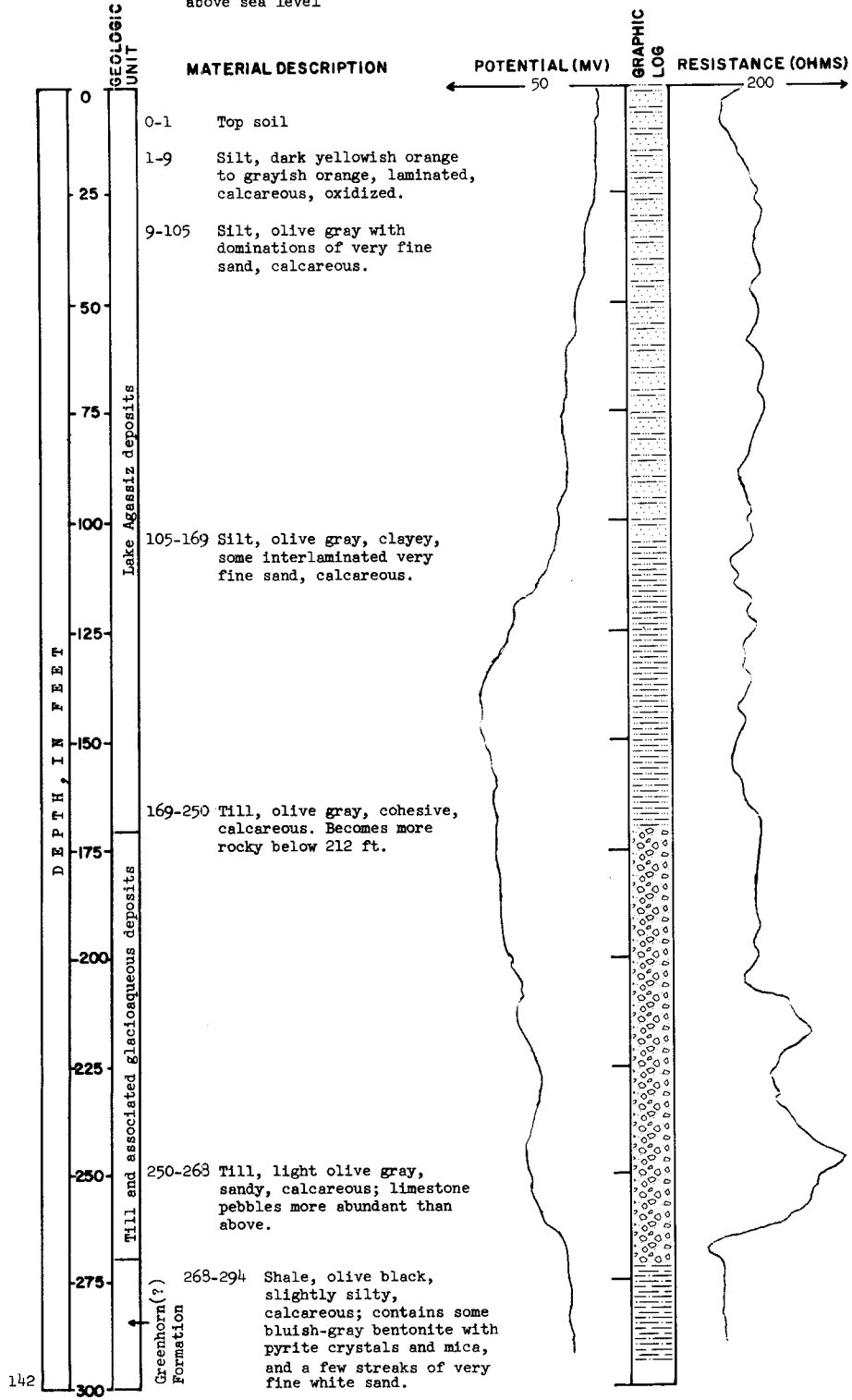
TEST HOLE 2186

LOCATION: 134-51-12aaa

DATE DRILLED: Sept. 19, 1963

ELEVATION: 1041 feet  
above sea level

DEPTH: 294 feet



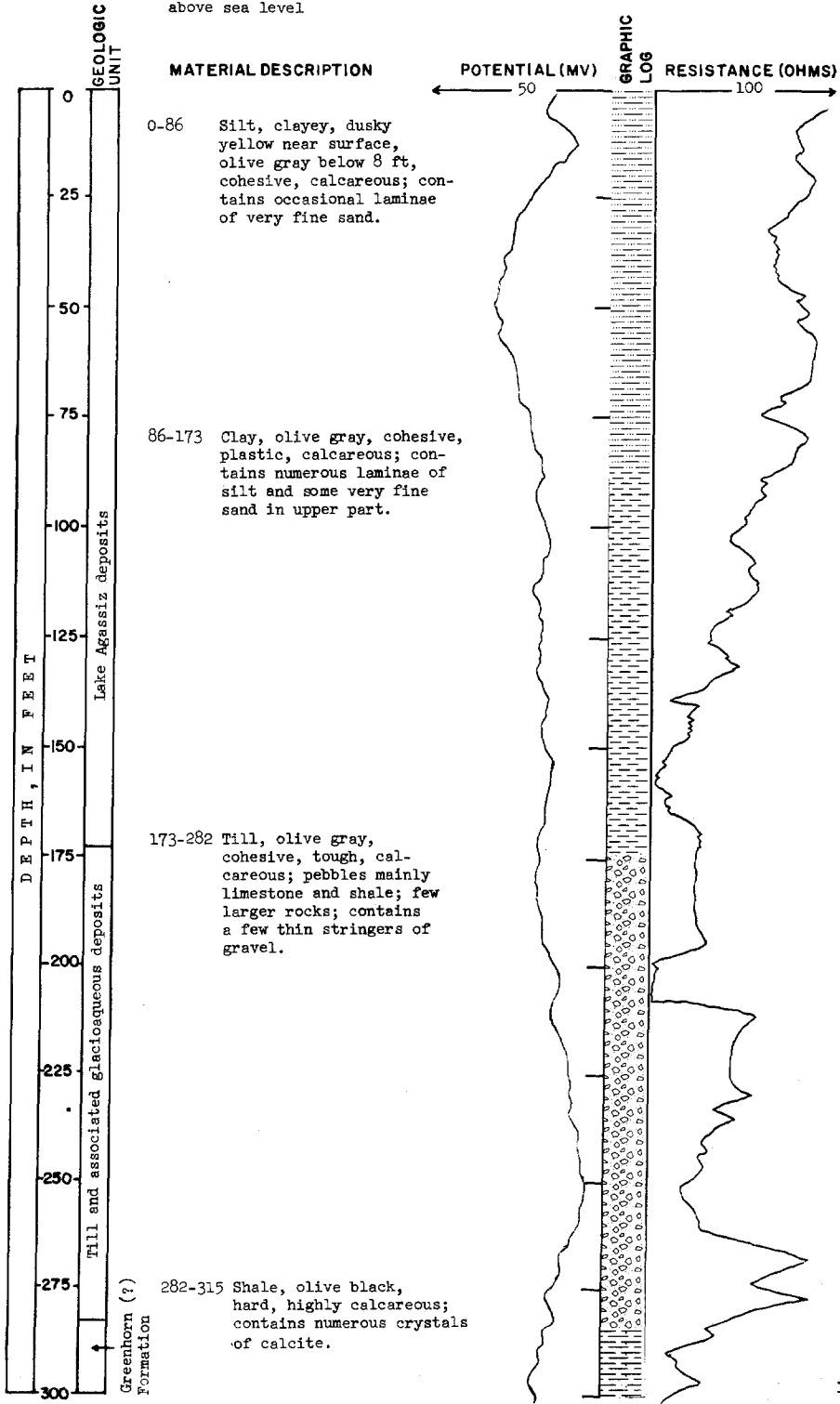
TEST HOLE 2193

LOCATION: 134-51-26ddd

DATE DRILLED: Sept. 30, 1963

ELEVATION: 1048 feet  
above sea level

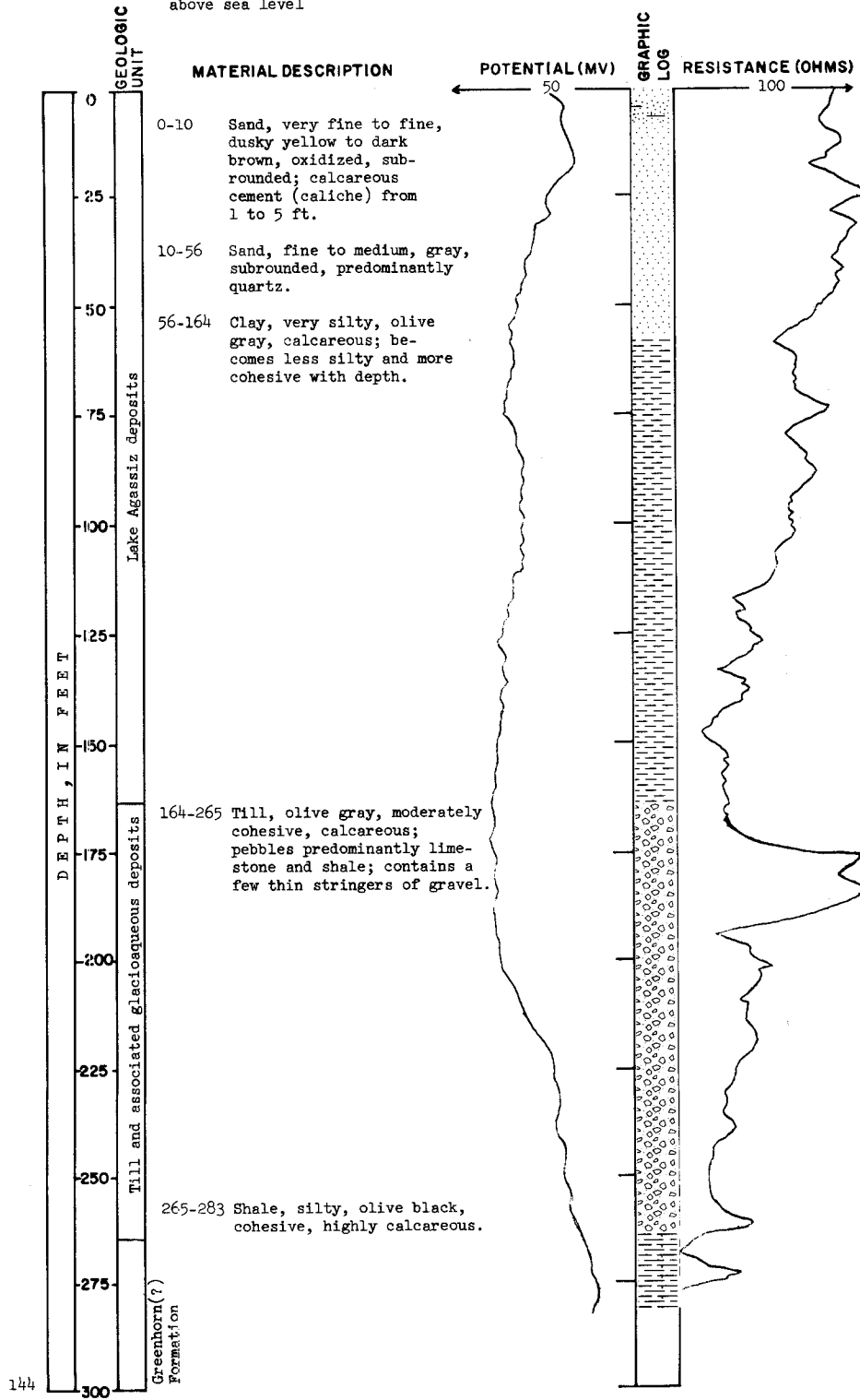
DEPTH: 315 feet



TEST HOLE 2191

LOCATION: 134-51-29ccc  
 ELEVATION: 1062 feet  
 above sea level

DATE DRILLED: Sept. 26, 1963  
 DEPTH: 283 feet



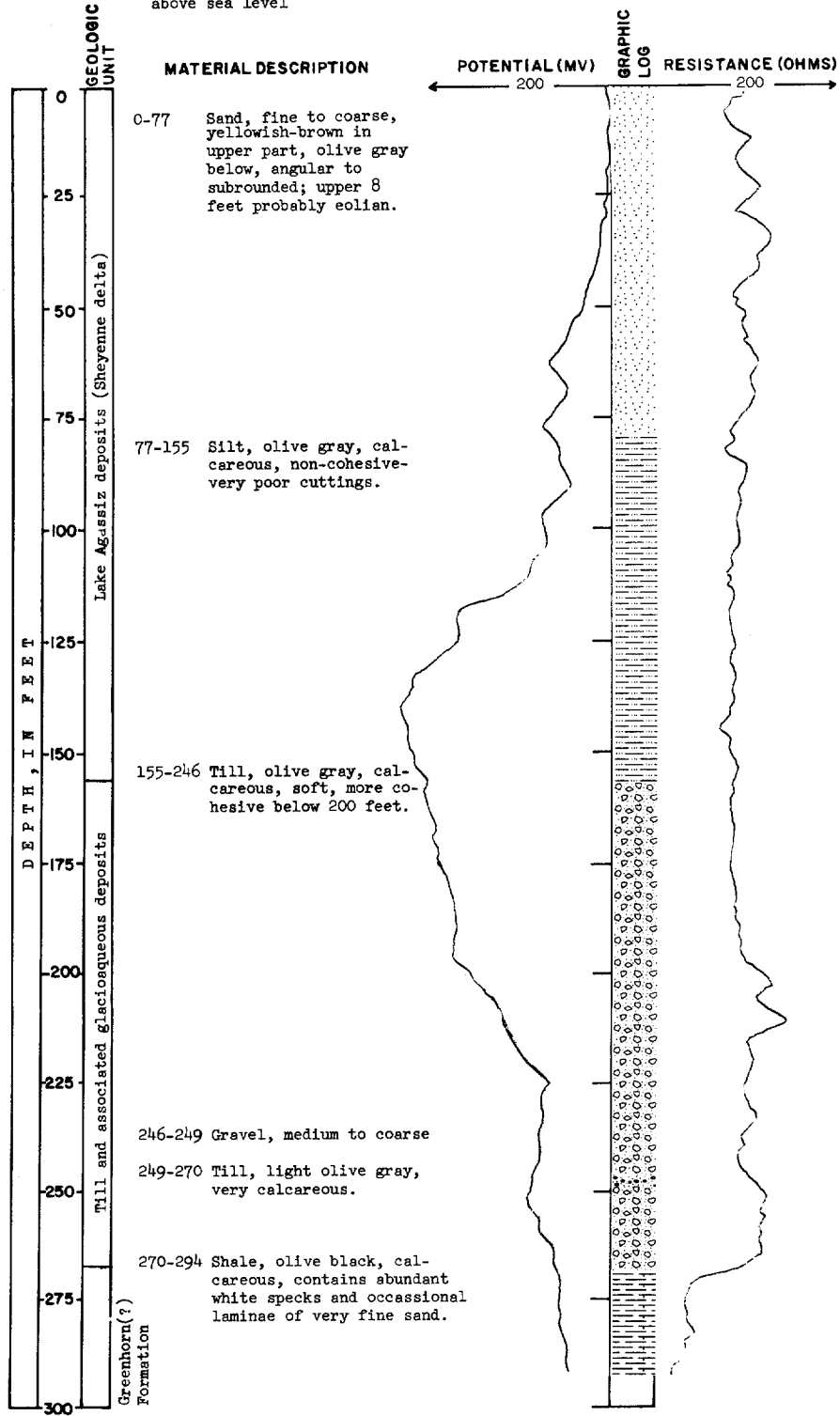
TEST HOLE 2184

LOCATION: 134-52-3ddd

DATE DRILLED Sept. 19, 1963

ELEVATION: 1063 feet  
above sea level

DEPTH: 294 feet



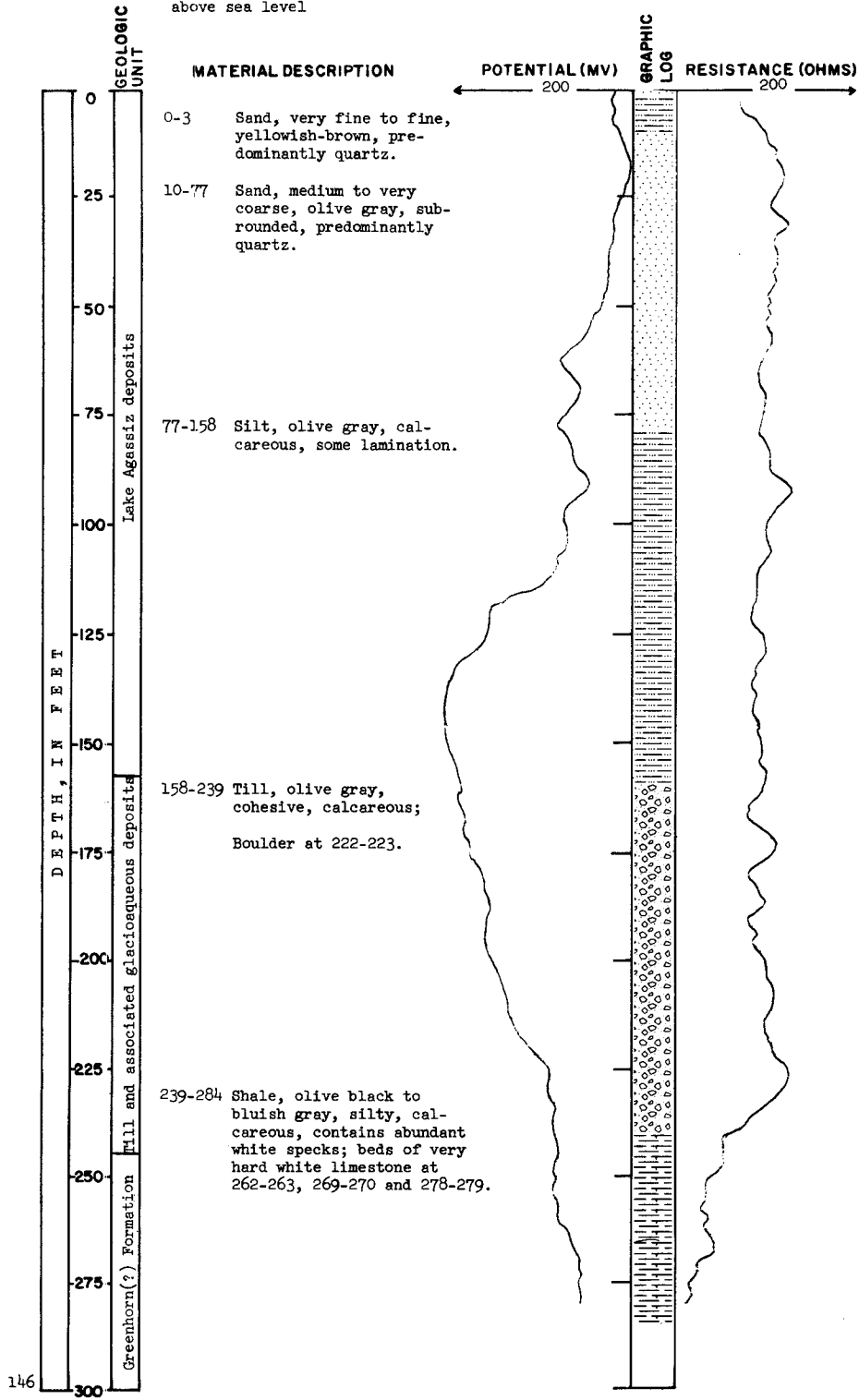
TEST HOLE 2183

LOCATION: 134-52-6ced

DATE DRILLED: Sept. 18, 1963

ELEVATION: 1068 feet  
above sea level

DEPTH: 284 feet



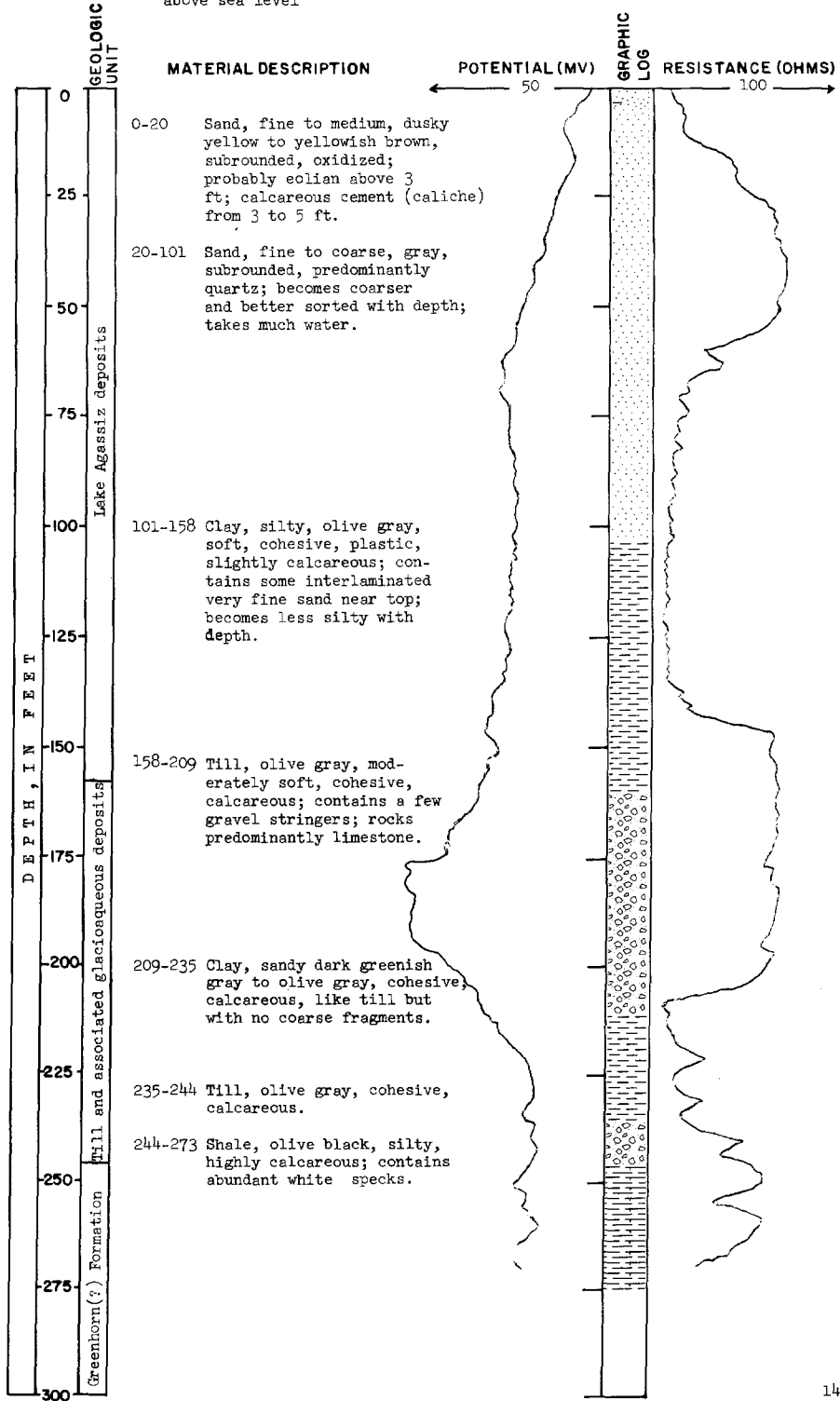
TEST HOLE 2189

LOCATION: 134-52-31bbb

DATE DRILLED: Sept. 24, 1963

ELEVATION: 1080 feet  
above sea level

DEPTH: 273 feet



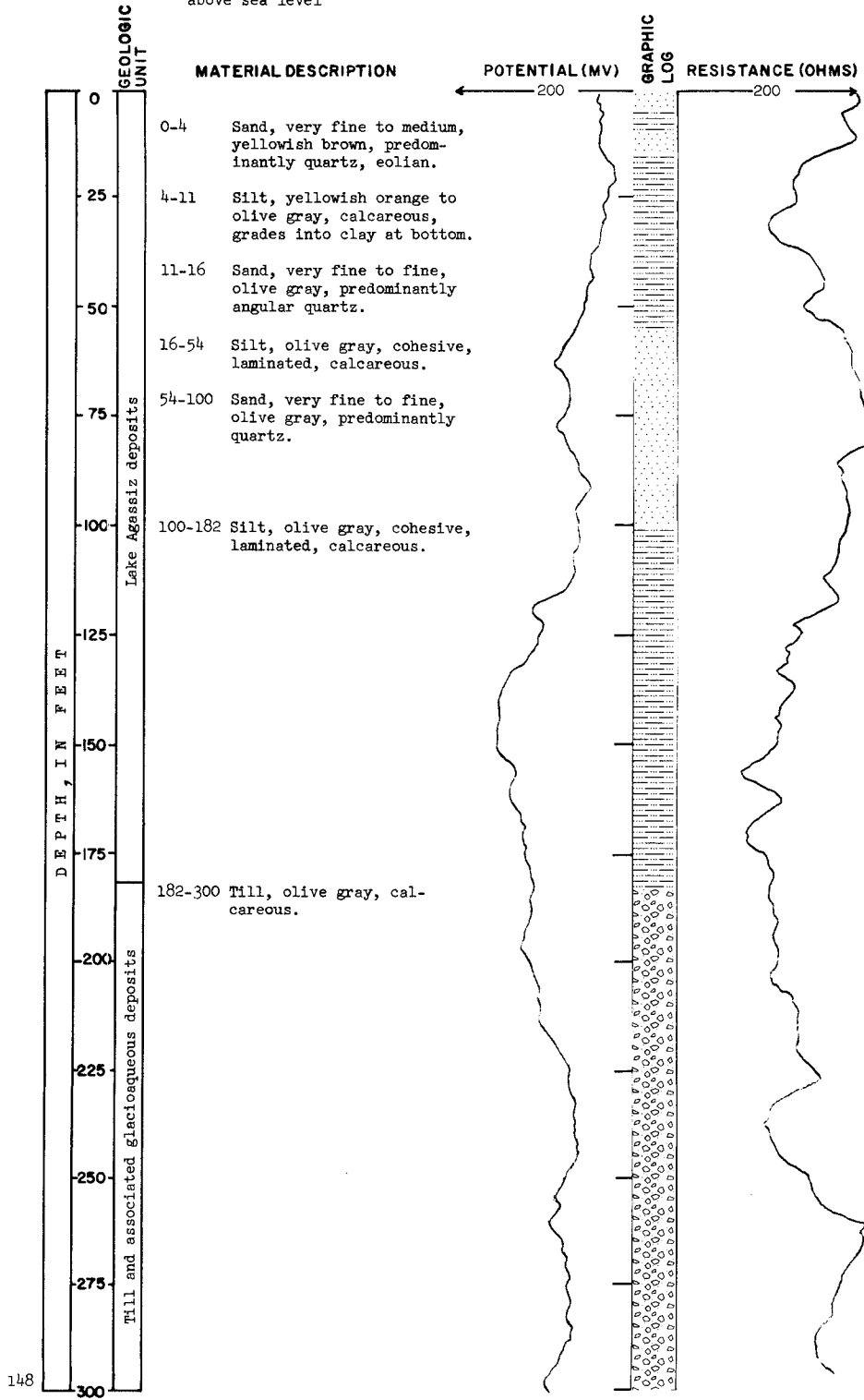
TEST HOLE 2182

LOCATION: 135-51-4ccc

DATE DRILLED: Sept. 17, 1963

ELEVATION: 1054 feet  
above sea level

DEPTH: 347 feet



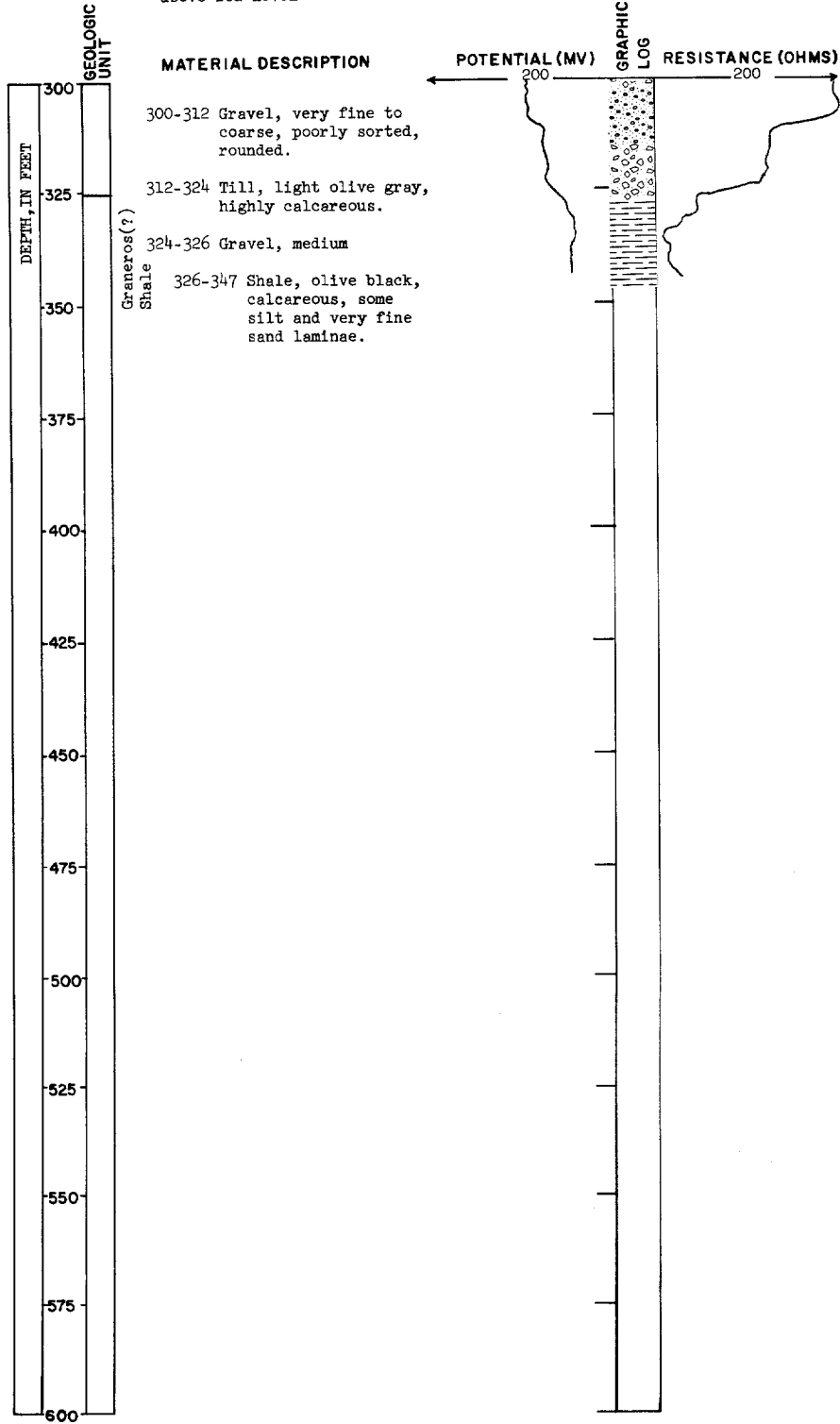
TEST HOLE 2182  
(Continued)

LOCATION: 135-51-4ccc

DATE DRILLED: Sept. 17, 1963

ELEVATION: 1054 feet  
above sea level

DEPTH: 347 feet





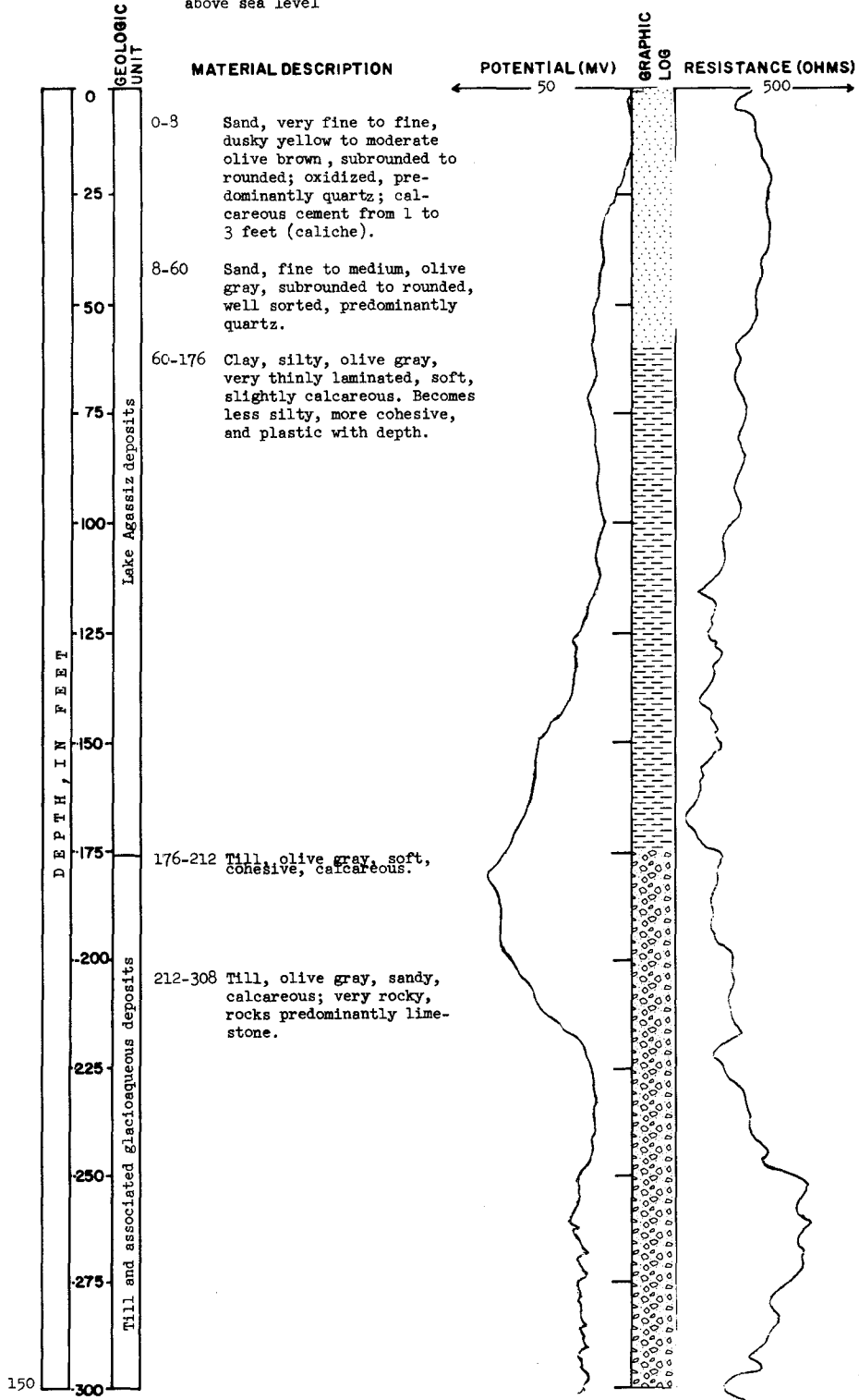
TEST HOLE 2188

LOCATION: 135-51-23aaa

DATE DRILLED: Sept. 23, 1963

ELEVATION: 1047 feet  
above sea level

DEPTH: 420 feet



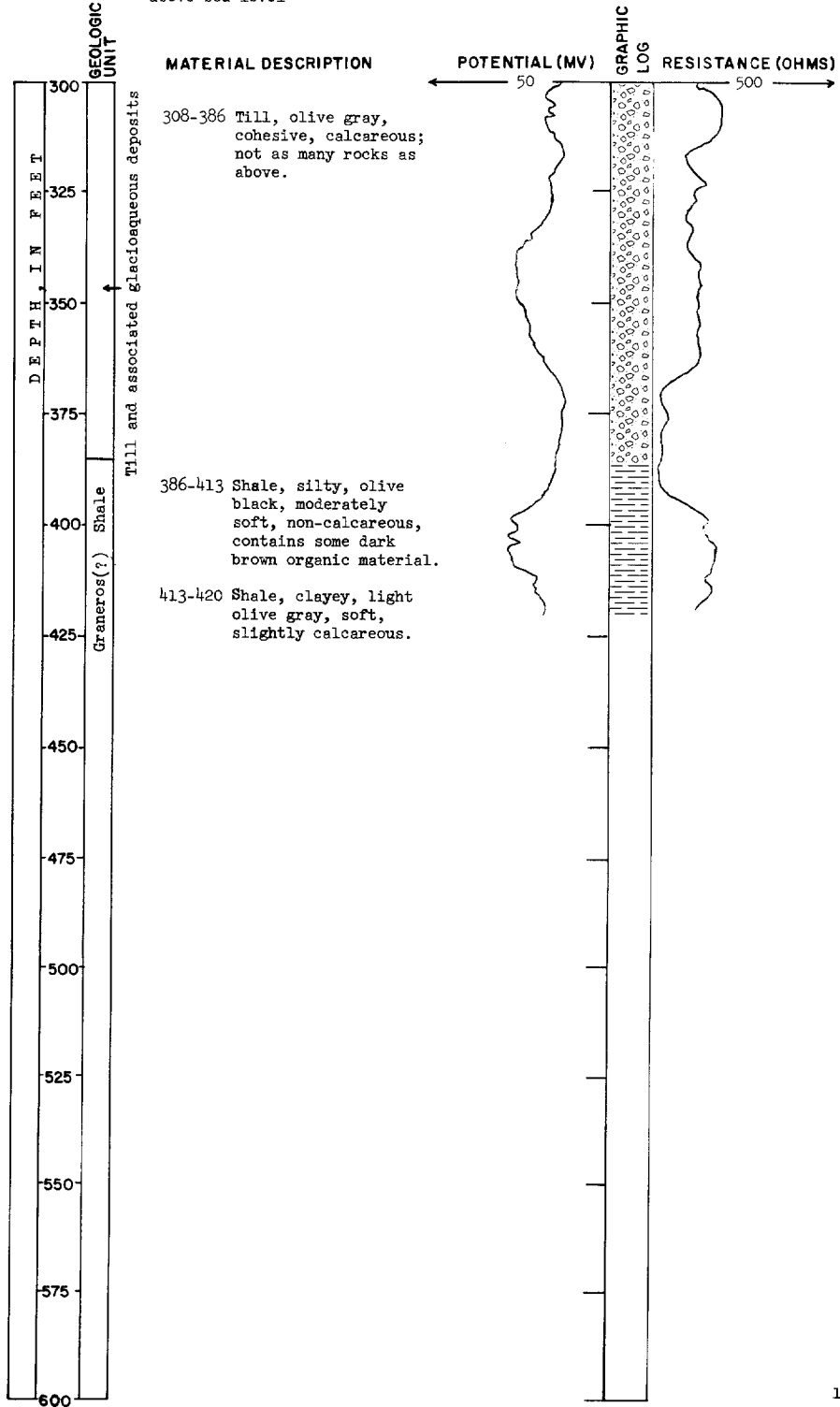
LOCATION: 135-51-23aaa

(Continued)

DATE DRILLED: Sept. 23, 1963

ELEVATION: 1047 feet  
above sea level

DEPTH: 420 feet



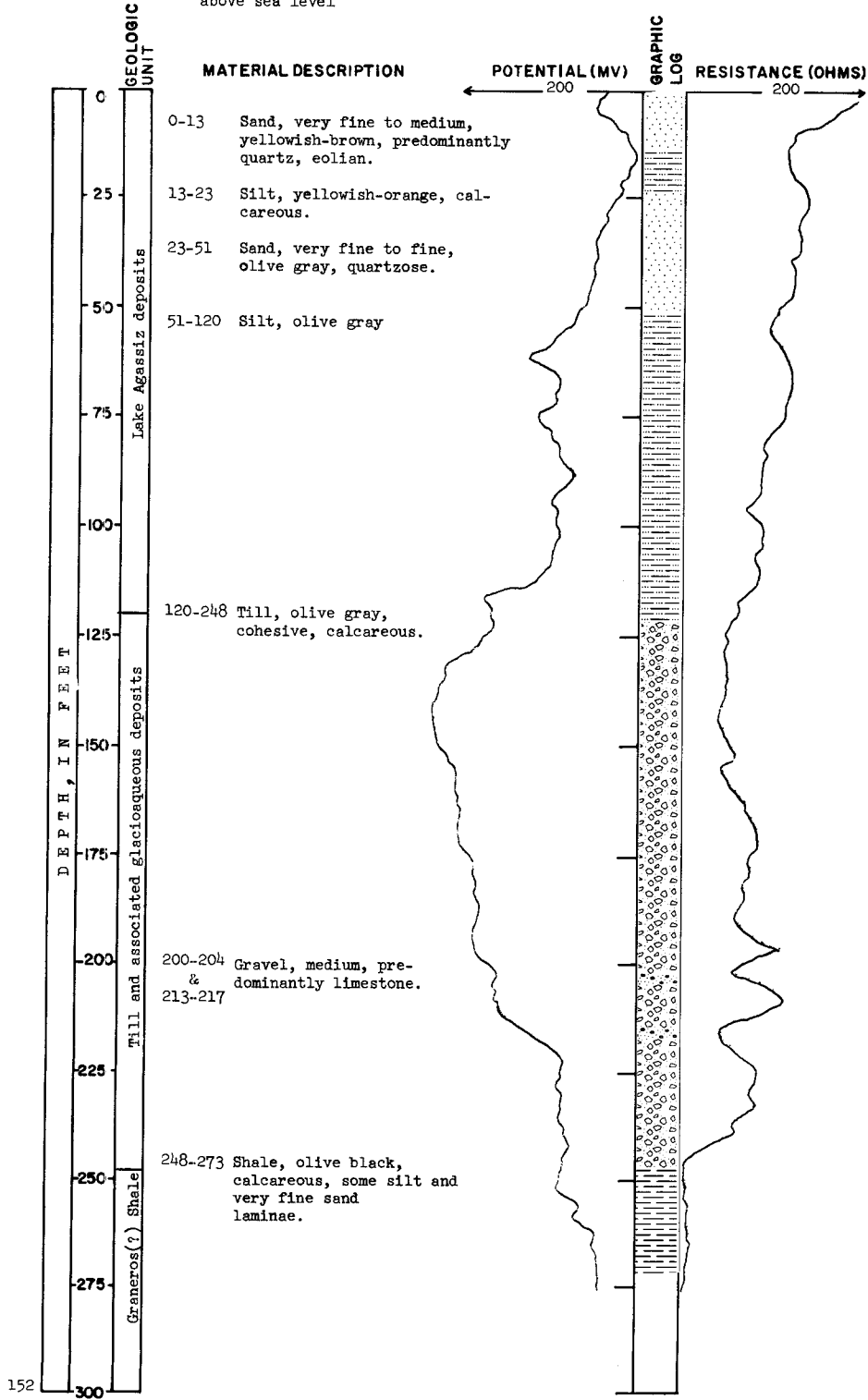
TEST HOLE 2181

LOCATION: 135-52-7bbc

DATE DRILLED: Sept. 16, 1963

ELEVATION: 1012 feet  
above sea level

DEPTH: 273 feet



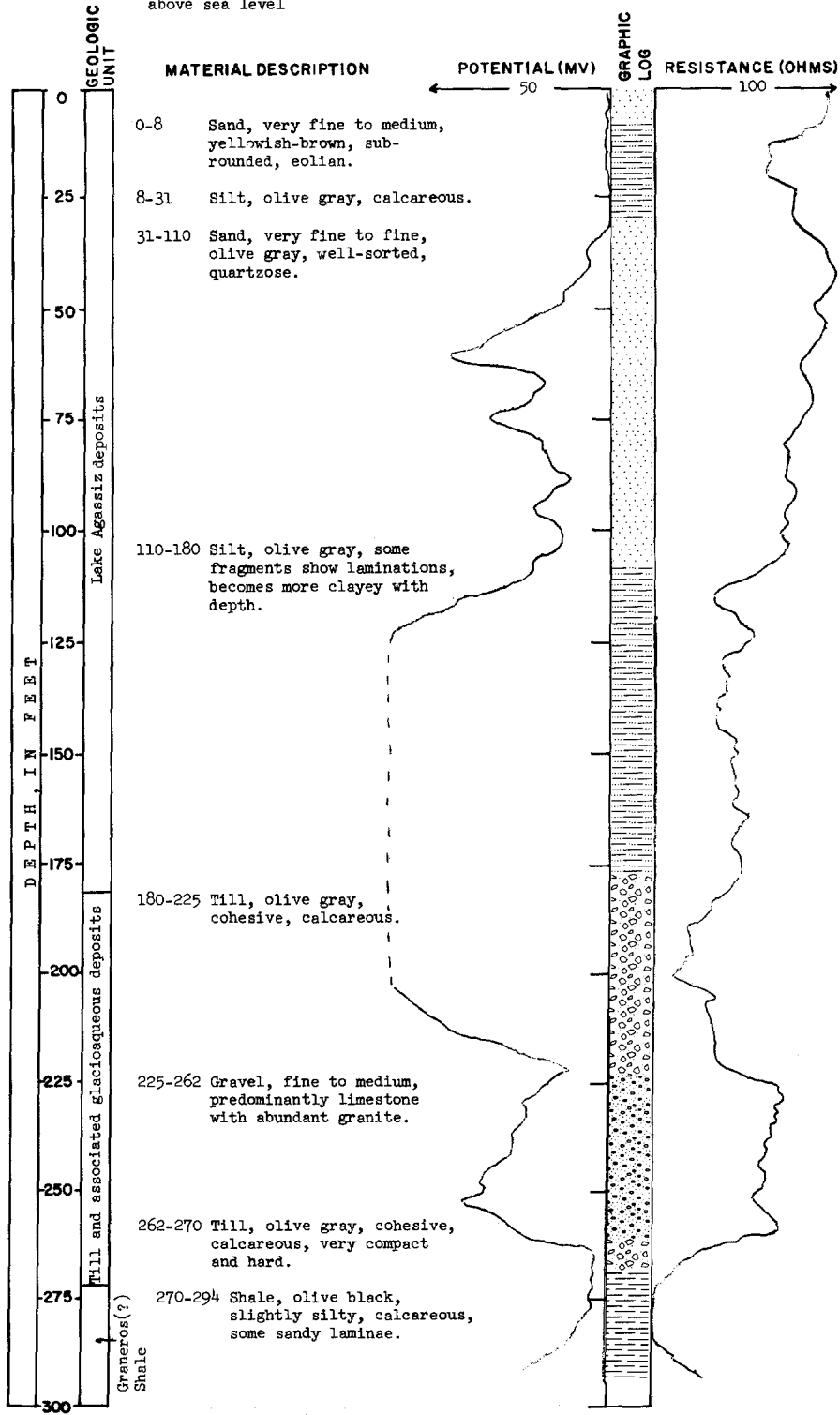
TEST HOLE 2180

LOCATION: 135-52-10aca

DATE DRILLED: Sept. 12, 1963

ELEVATION: 1045 feet  
above sea level

DEPTH: 294 feet



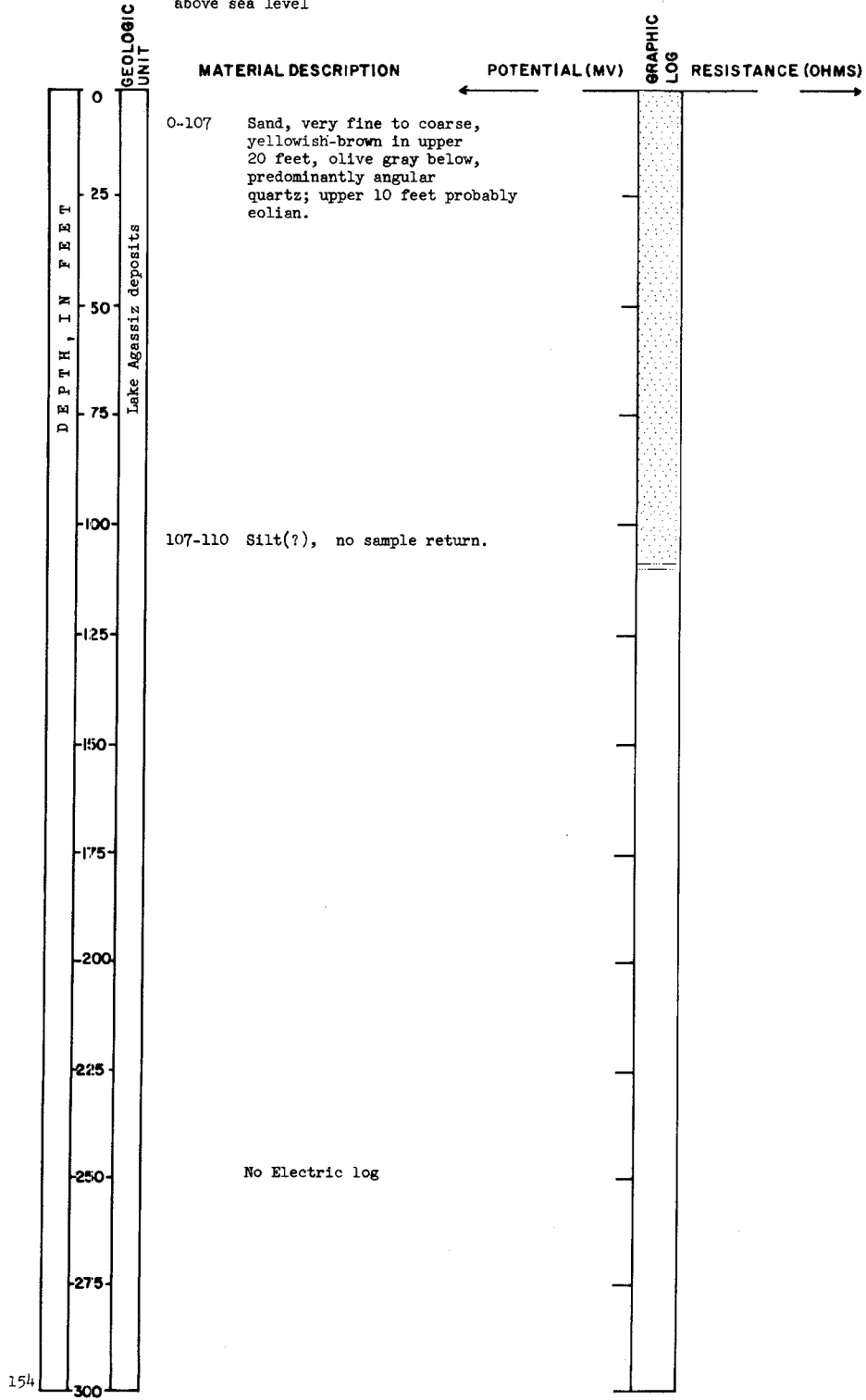
TEST HOLE 2185

LOCATION: 135-52-21ccc

DATE DRILLED: Sept. 19, 1963

ELEVATION: 1060 feet  
above sea level

DEPTH: 110 feet



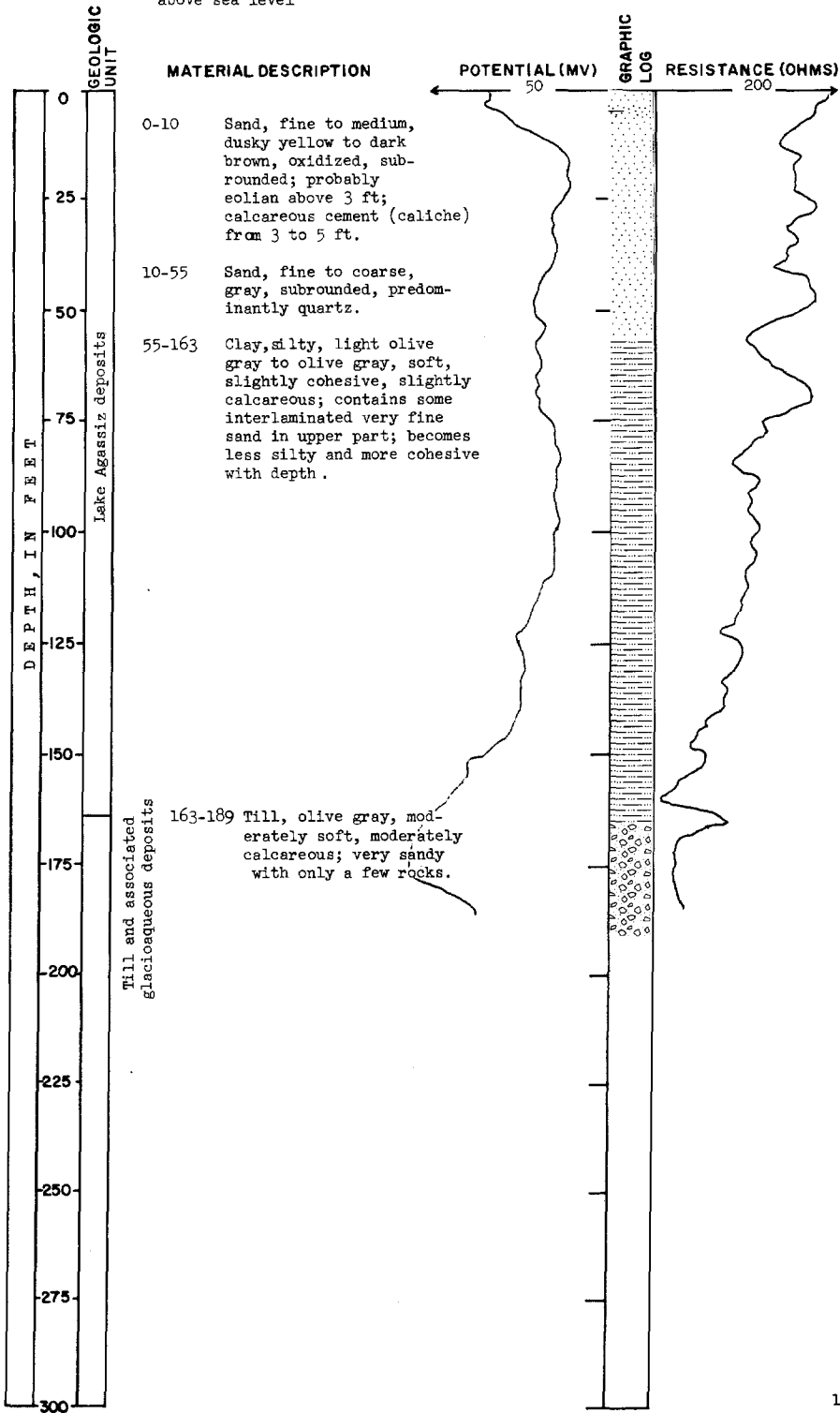
TEST HOLE 2190

LOCATION: 134-52-27ccc

DATE DRILLED: Sept. 25, 1963

ELEVATION: 1076 feet  
above sea level

DEPTH: 189 feet



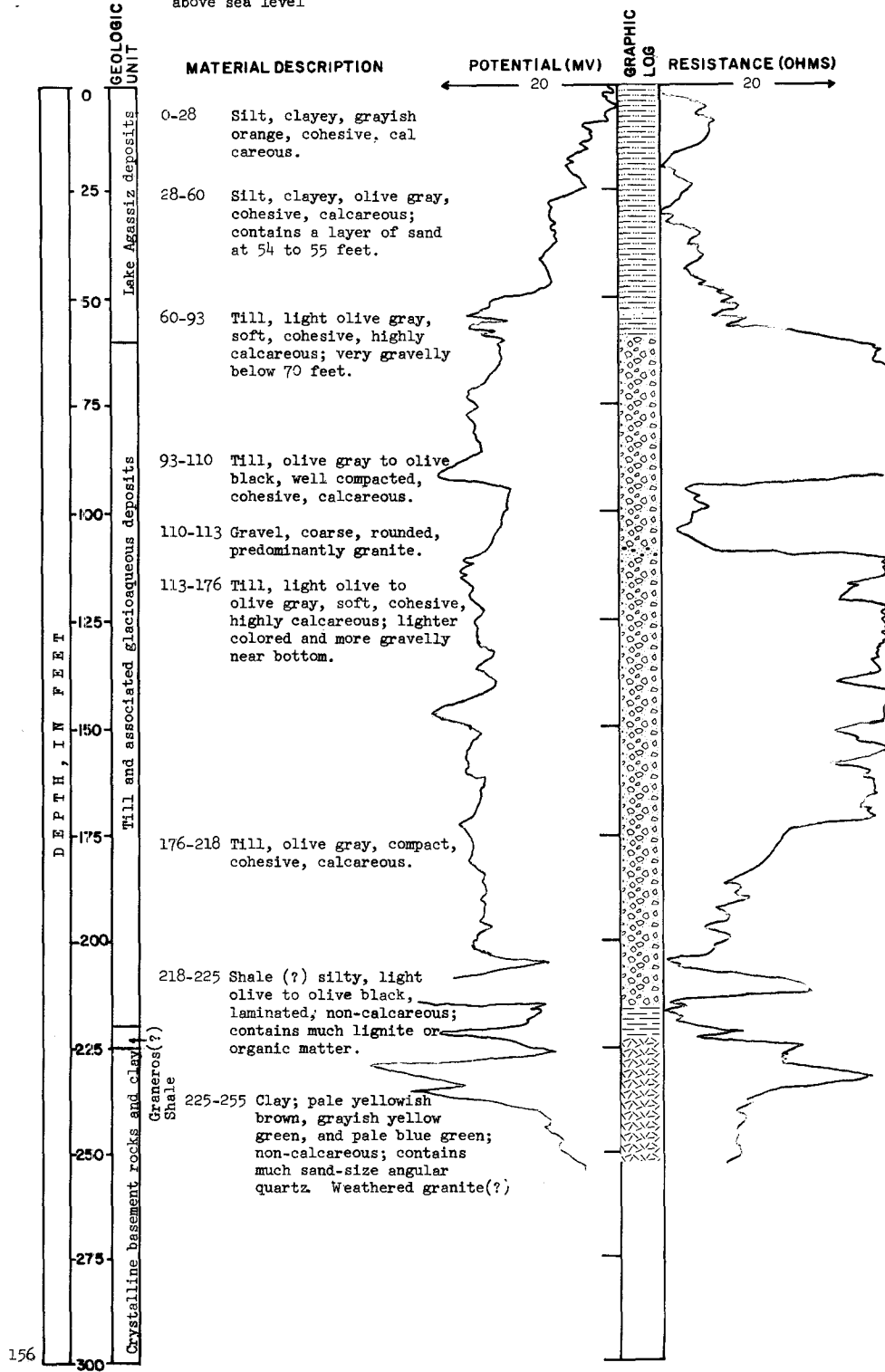
TEST HOLE 3108

LOCATION 136-48-19add

DATE DRILLED: June 15, 1964

ELEVATION: 930 feet  
above sea level

DEPTH: 255 feet



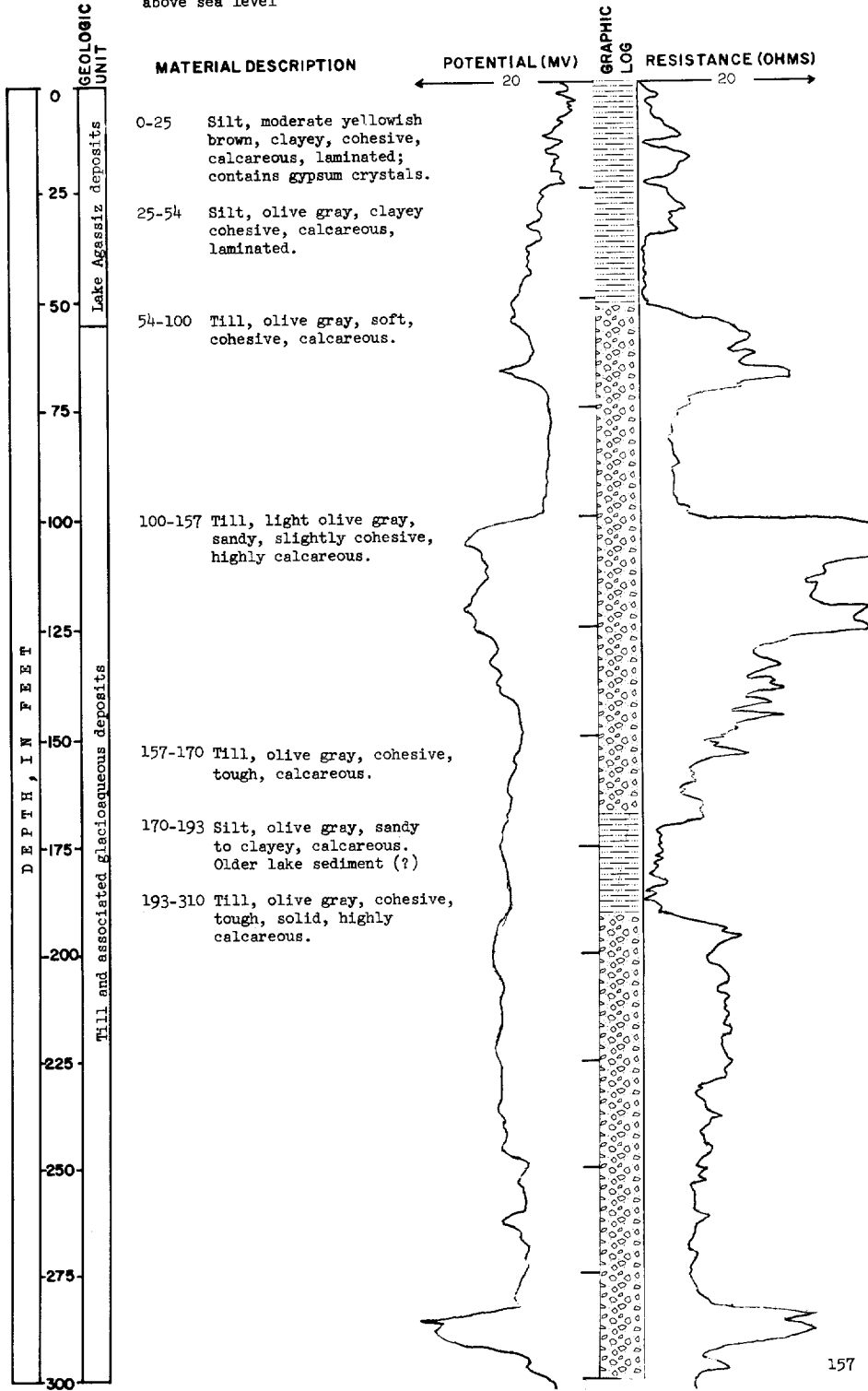
TEST HOLE 3112

LOCATION: 136-49-28aba

DATE DRILLED: June 18, 1964

ELEVATION: 925 feet  
above sea level

DEPTH: 320 feet





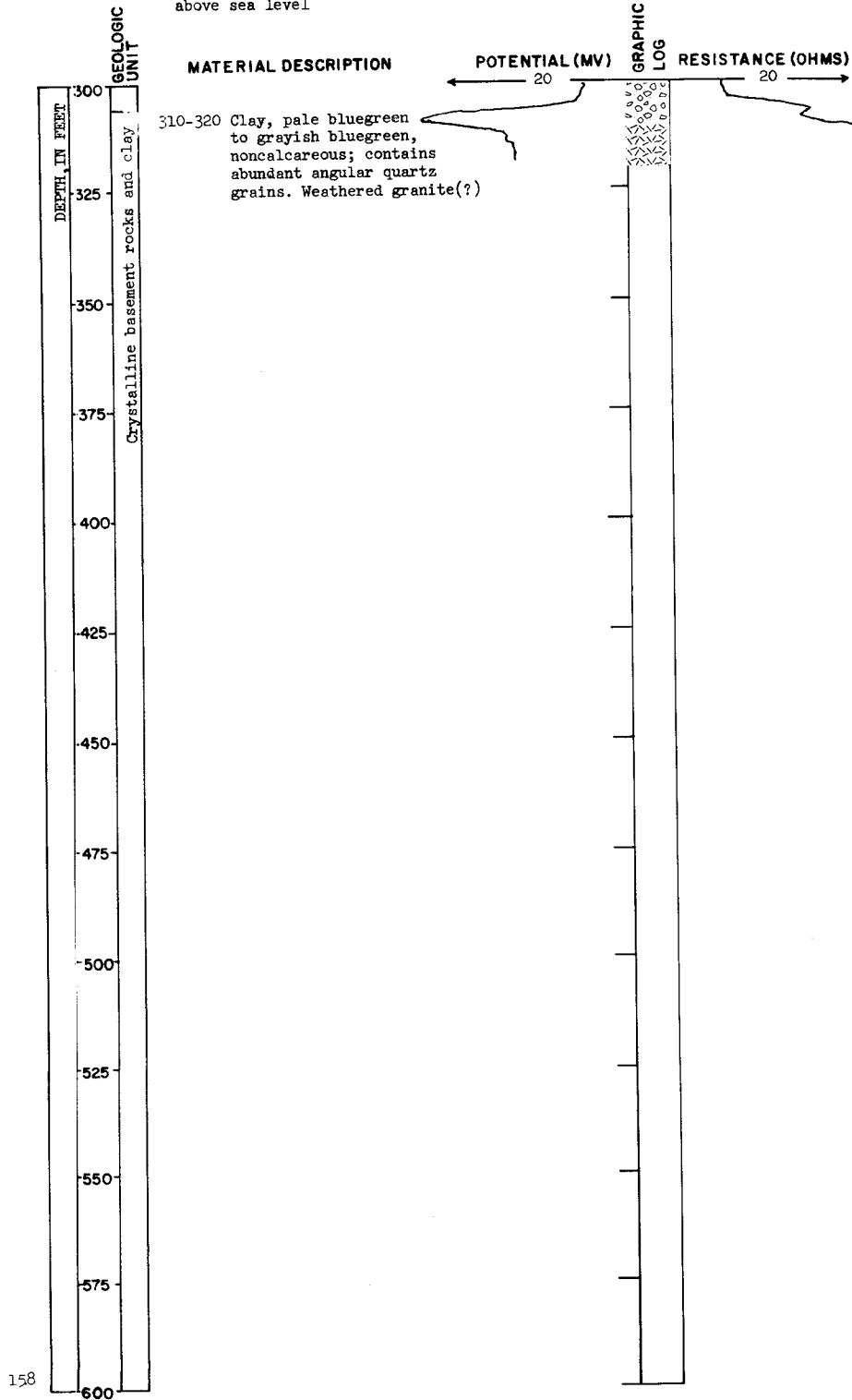
TEST HOLE 3112  
(Continued)

LOCATION: 136-49-28aba

DATE DRILLED: June 18, 1964

ELEVATION: 925 feet  
above sea level

DEPTH: 320 feet



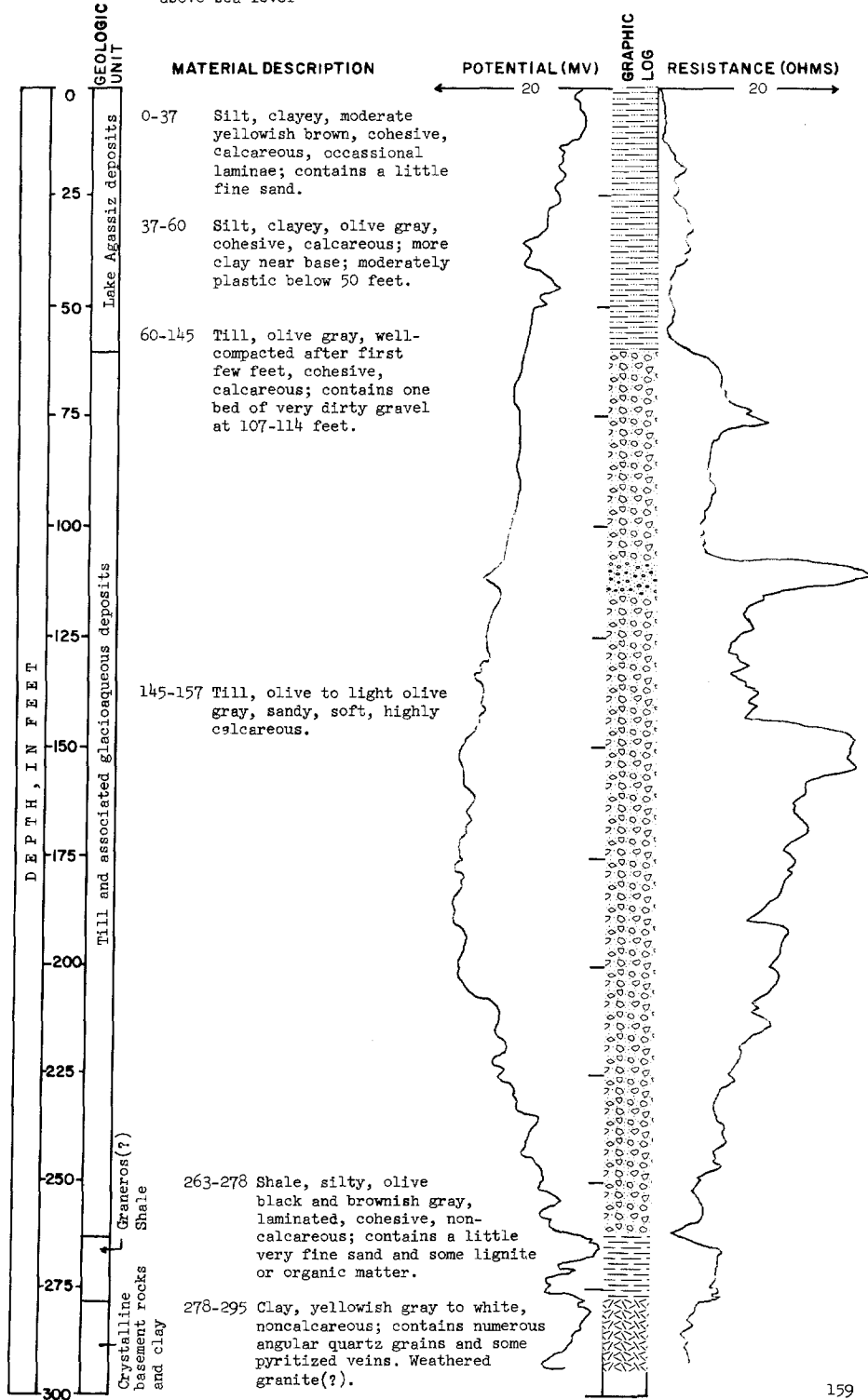
TEST HOLE 3109

LOCATION: 136-49-30bbb

DATE DRILLED: June 16, 1964

ELEVATION: 934 feet  
above sea level

DEPTH: 295 feet



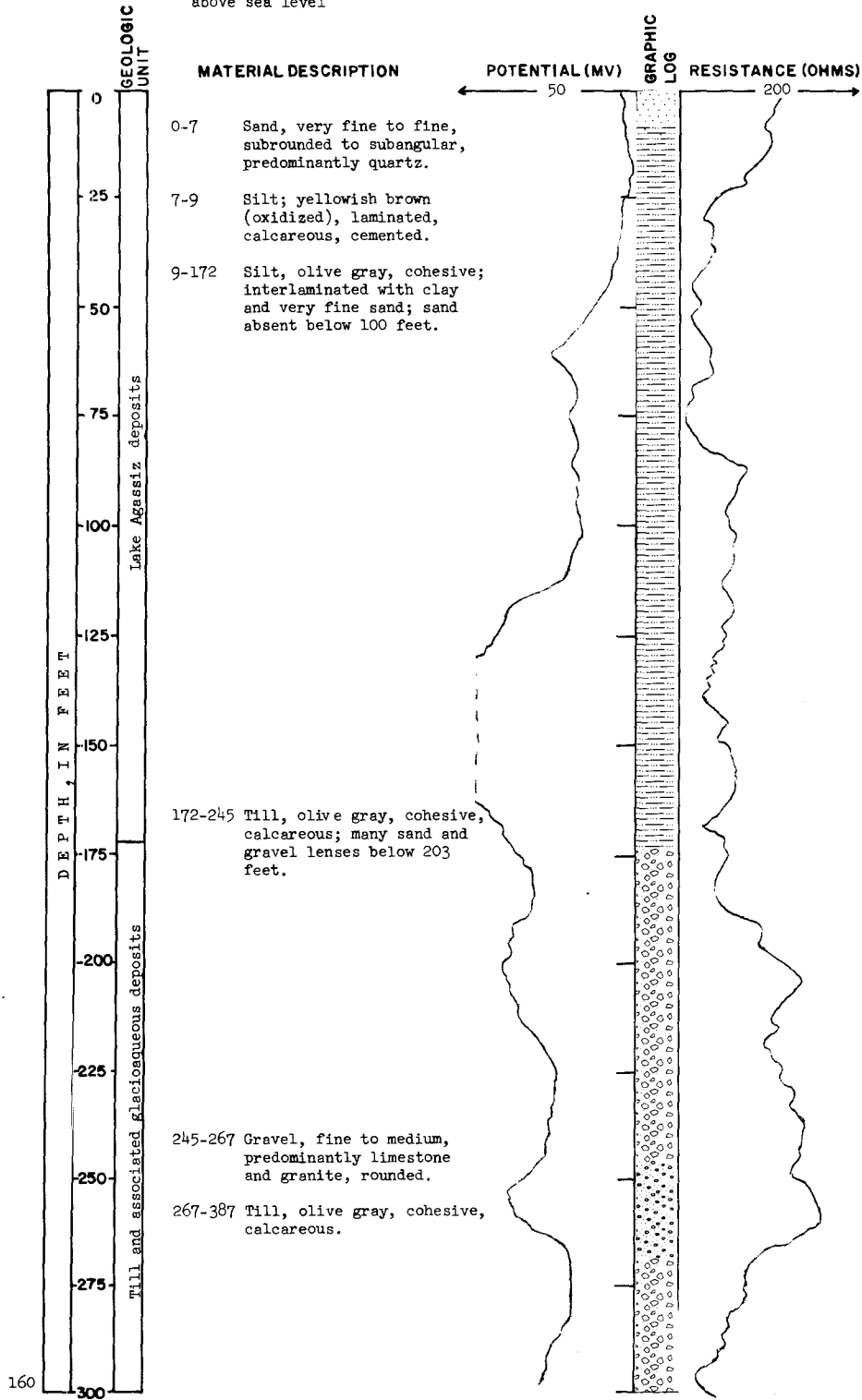
TEST HOLE 2179

LOCATION: 136-50-19ccc

DATE DRILLED: Sept. 10, 1963

ELEVATION: 1035 feet  
above sea level

DEPTH: 434 feet



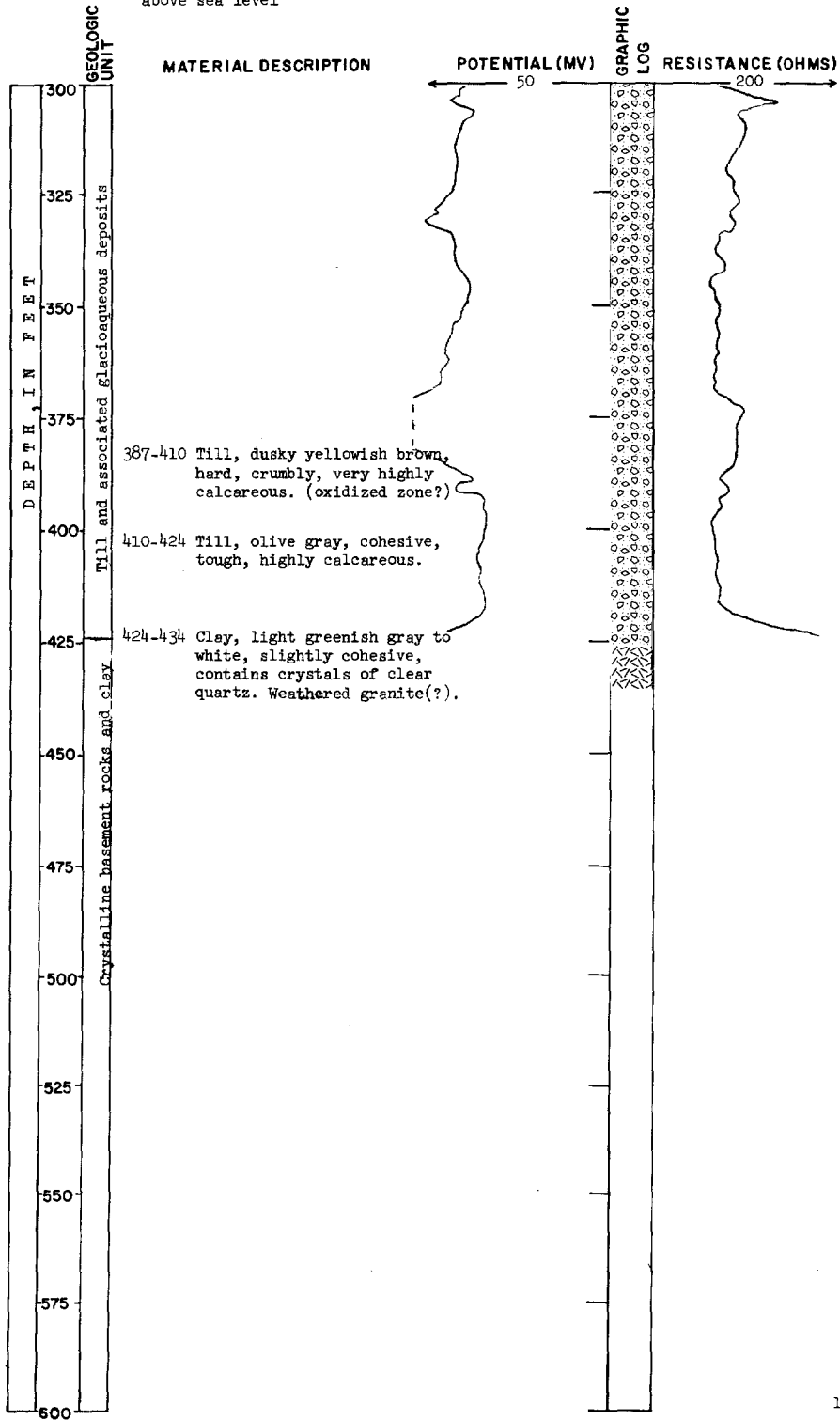
TEST HOLE 2179  
(Continued)

LOCATION: 136-50-19ccc

DATE DRILLED: Sept. 10, 1963

ELEVATION: 1035 feet  
above sea level

DEPTH: 434 feet



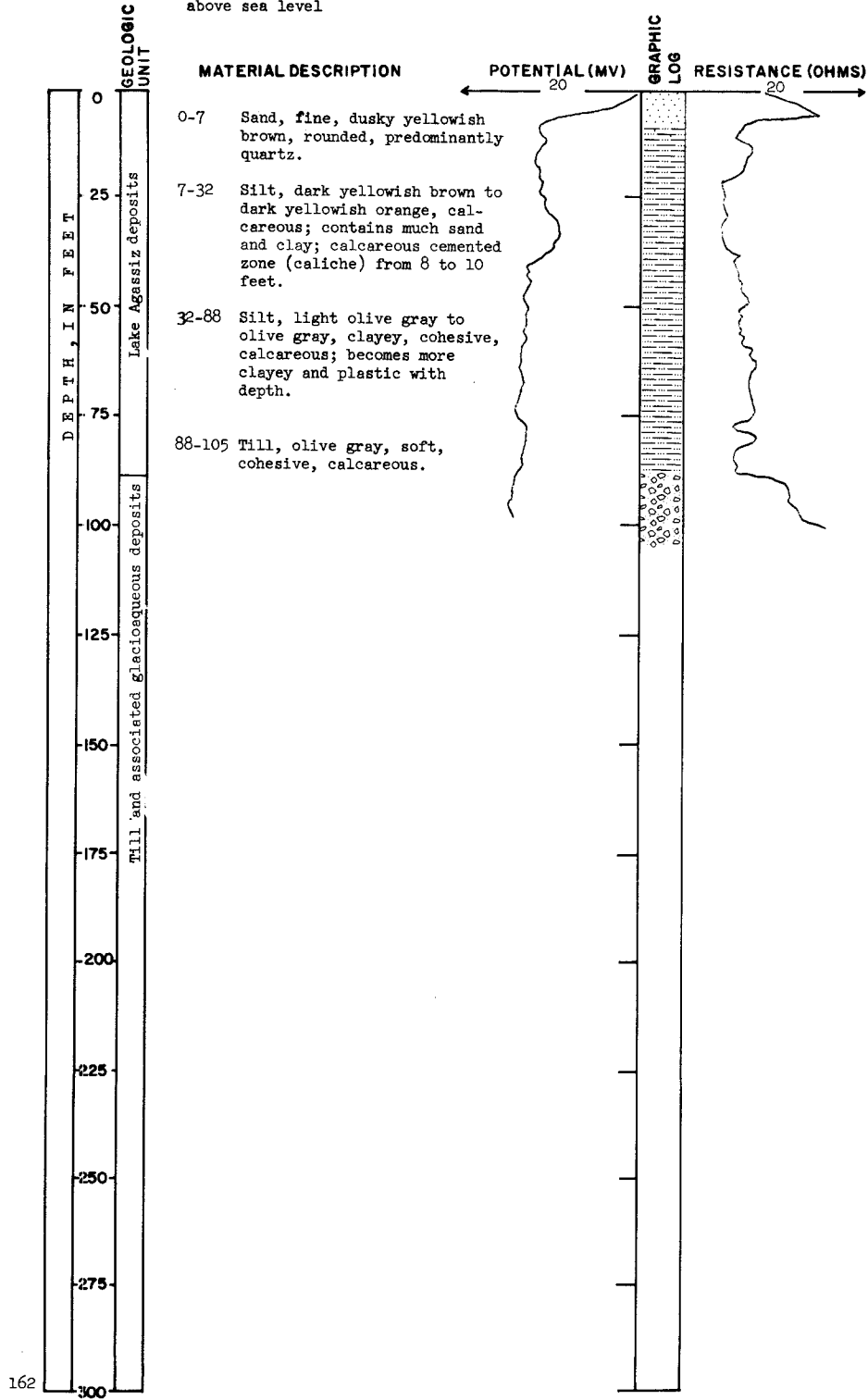
TEST HOLE 3110

LOCATION: 136-50-21aad

DATE DRILLED: June 16, 1964

ELEVATION: 954 feet  
above sea level

DEPTH: 105 feet



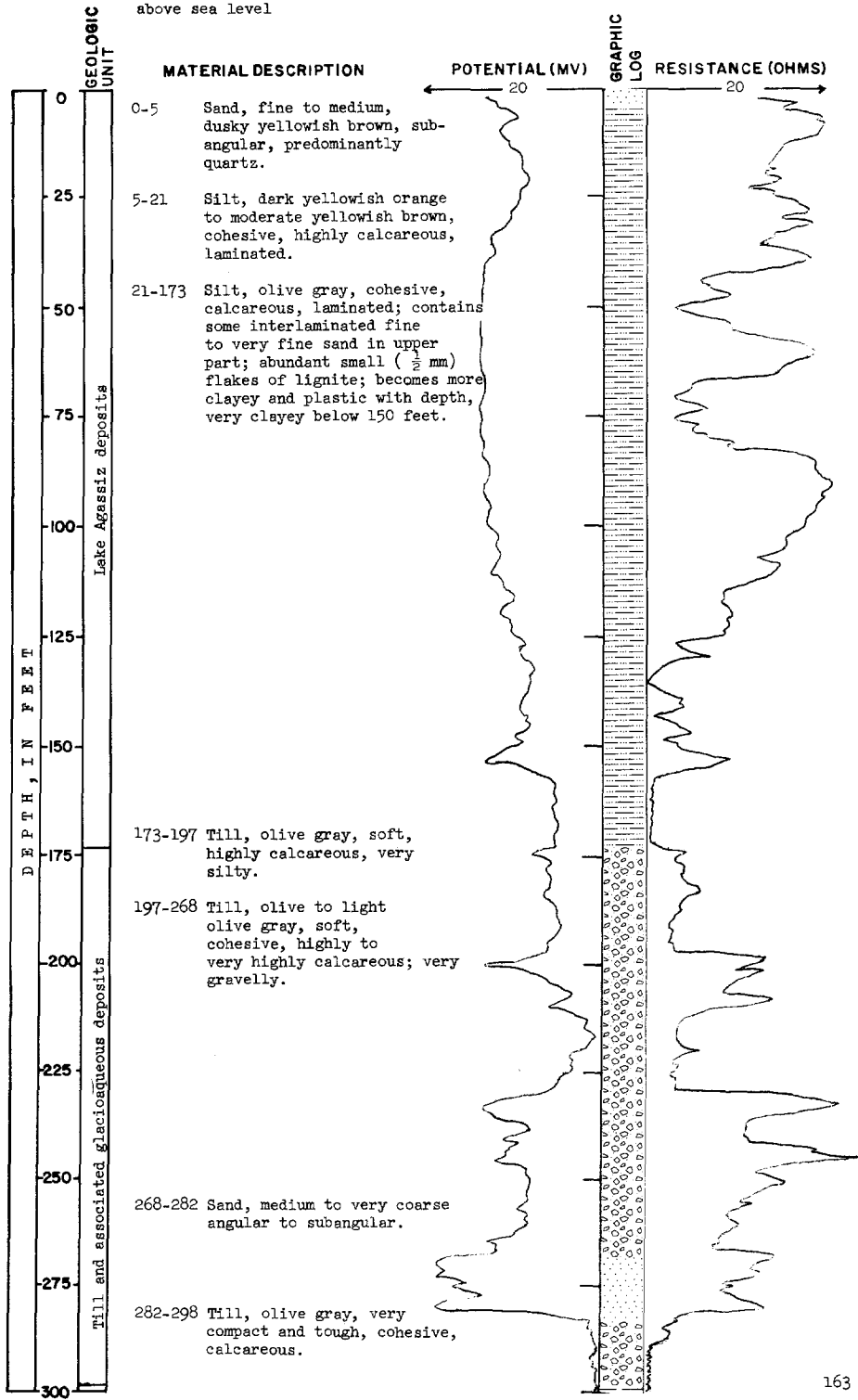
TEST HOLE 3111

LOCATION: 136-51-28cbc

DATE DRILLED: June 17, 1964

ELEVATION: 1036 feet  
above sea level

DEPTH: 325 feet



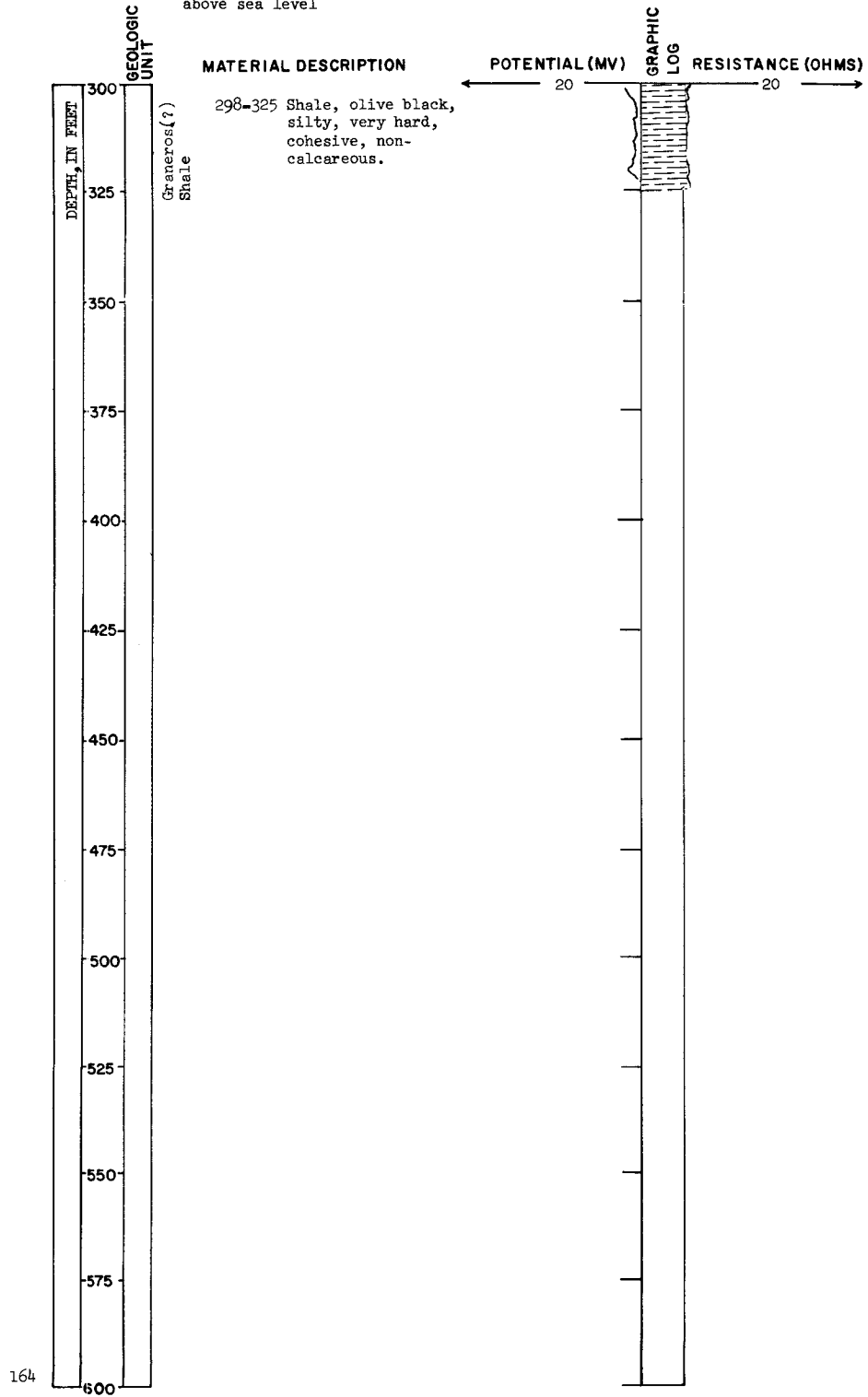
TEST HOLE 3111  
(Continued)

LOCATION: 136-51-28cbc

DATE DRILLED: June 17, 1964

ELEVATION: 1036 feet  
above sea level

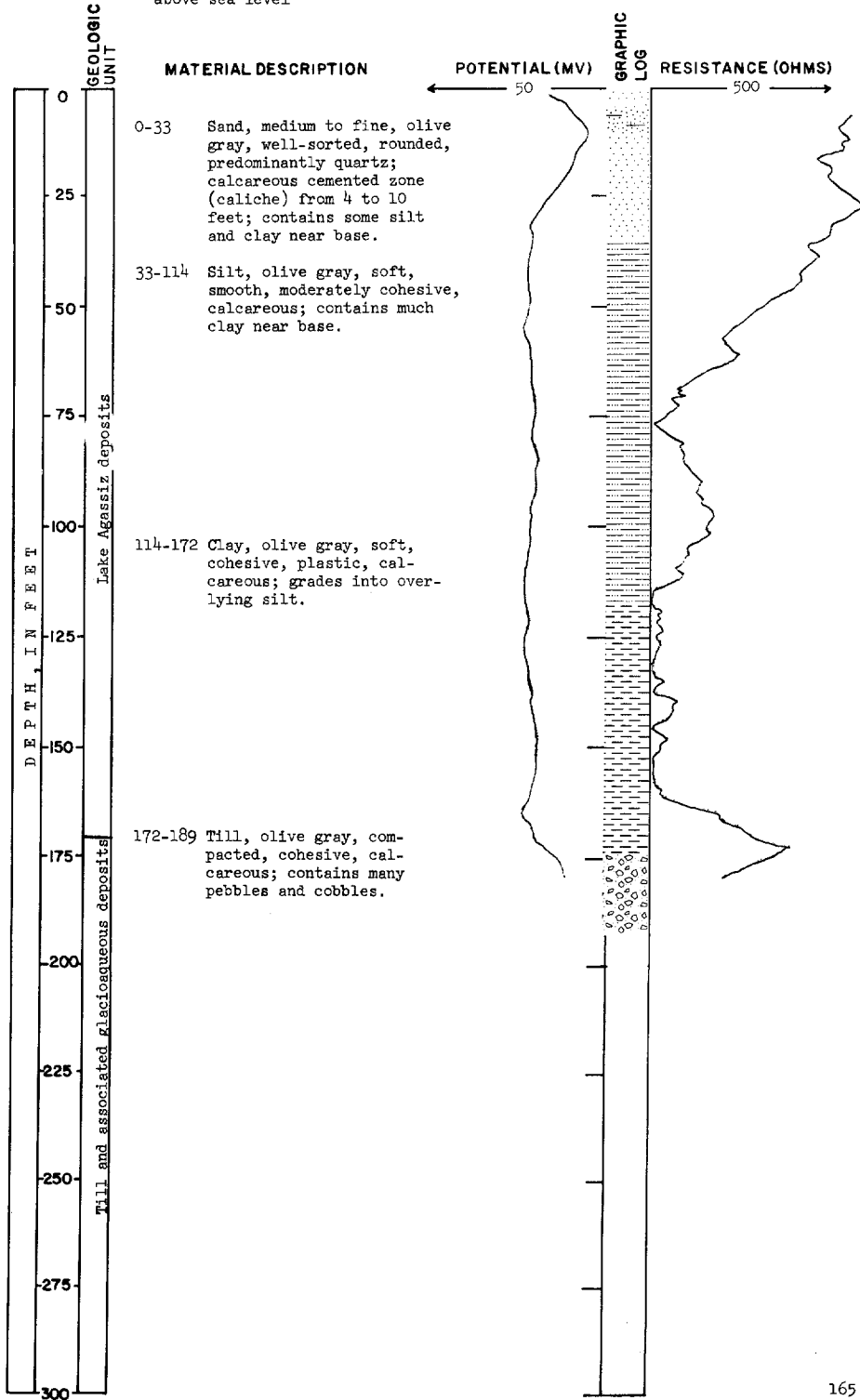
DEPTH: 325 feet



TEST HOLE 2202

LOCATION: 136-52-3aaa  
 ELEVATION: 1048 feet  
 above sea level

DATE DRILLED: Oct. 9, 1963  
 DEPTH: 189 feet





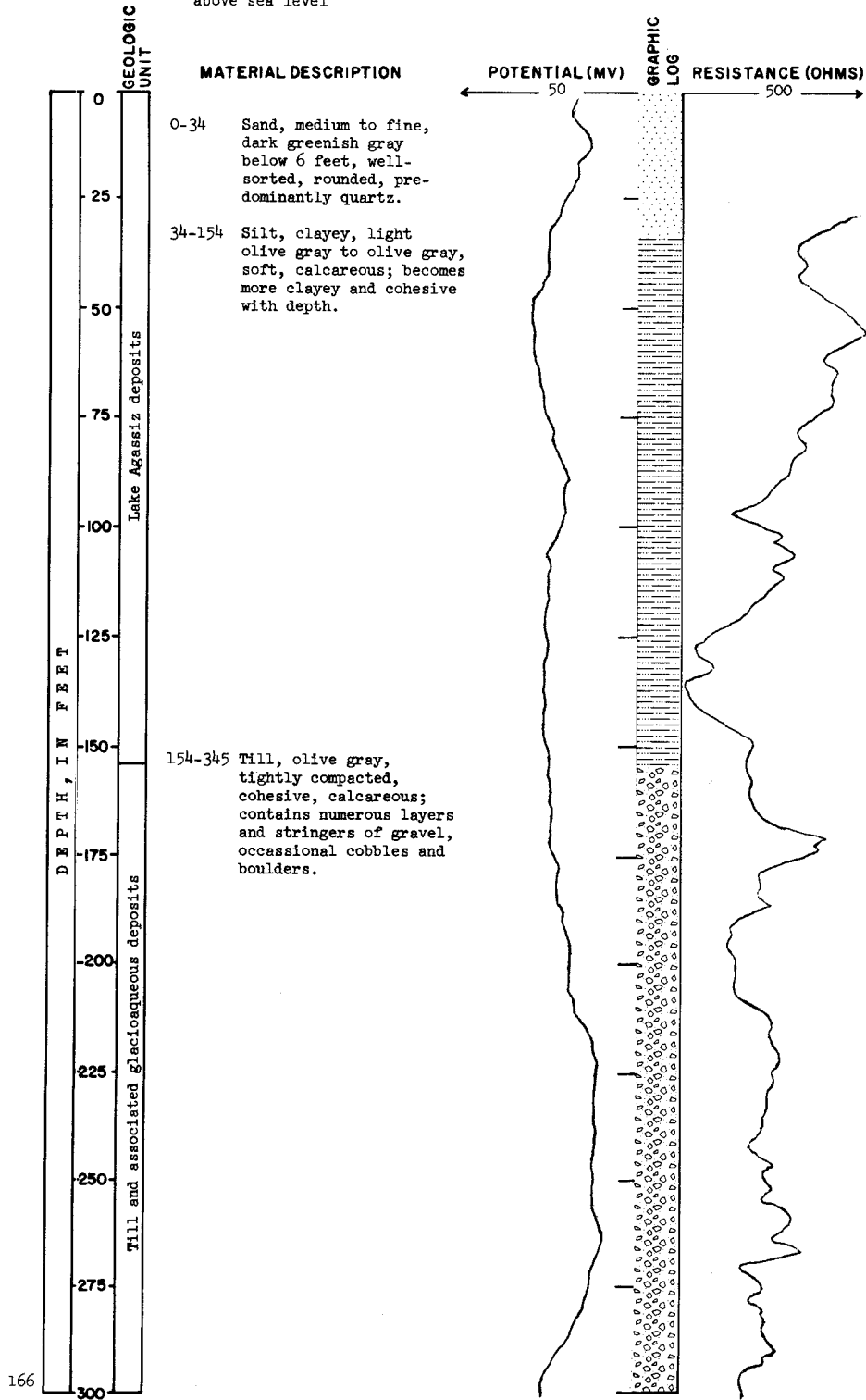
TEST HOLE 2203

LOCATION: 136-52-6bbb

DATE DRILLED: Oct. 9, 1963

ELEVATION: 1051 feet  
above sea level

DEPTH: 362 feet



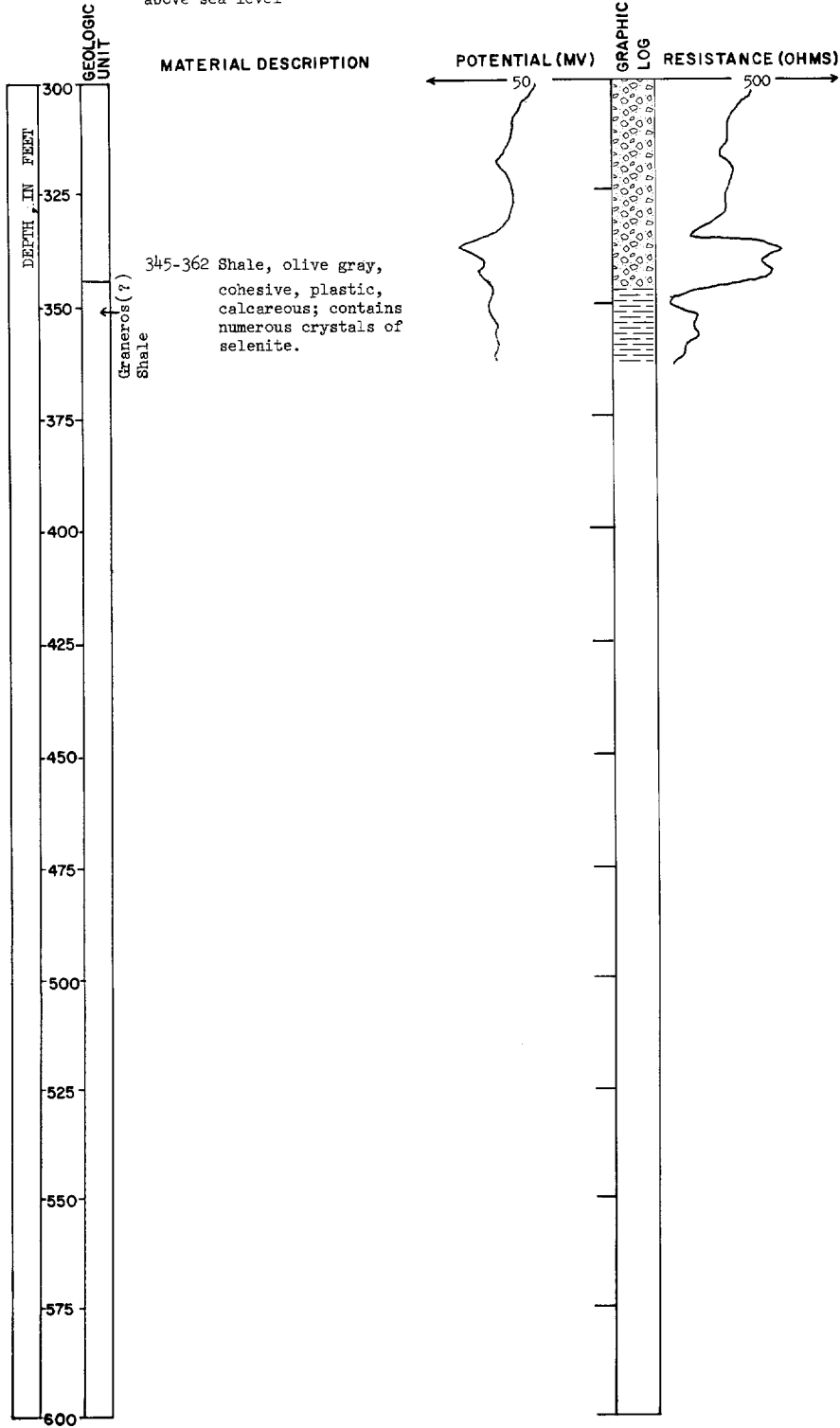
TEST HOLE 2203  
(Continued)

LOCATION: 136-52-6bbb

DATE DRILLED: Oct. 9, 1963

ELEVATION: 1051 feet  
above sea level

DEPTH: 362 feet



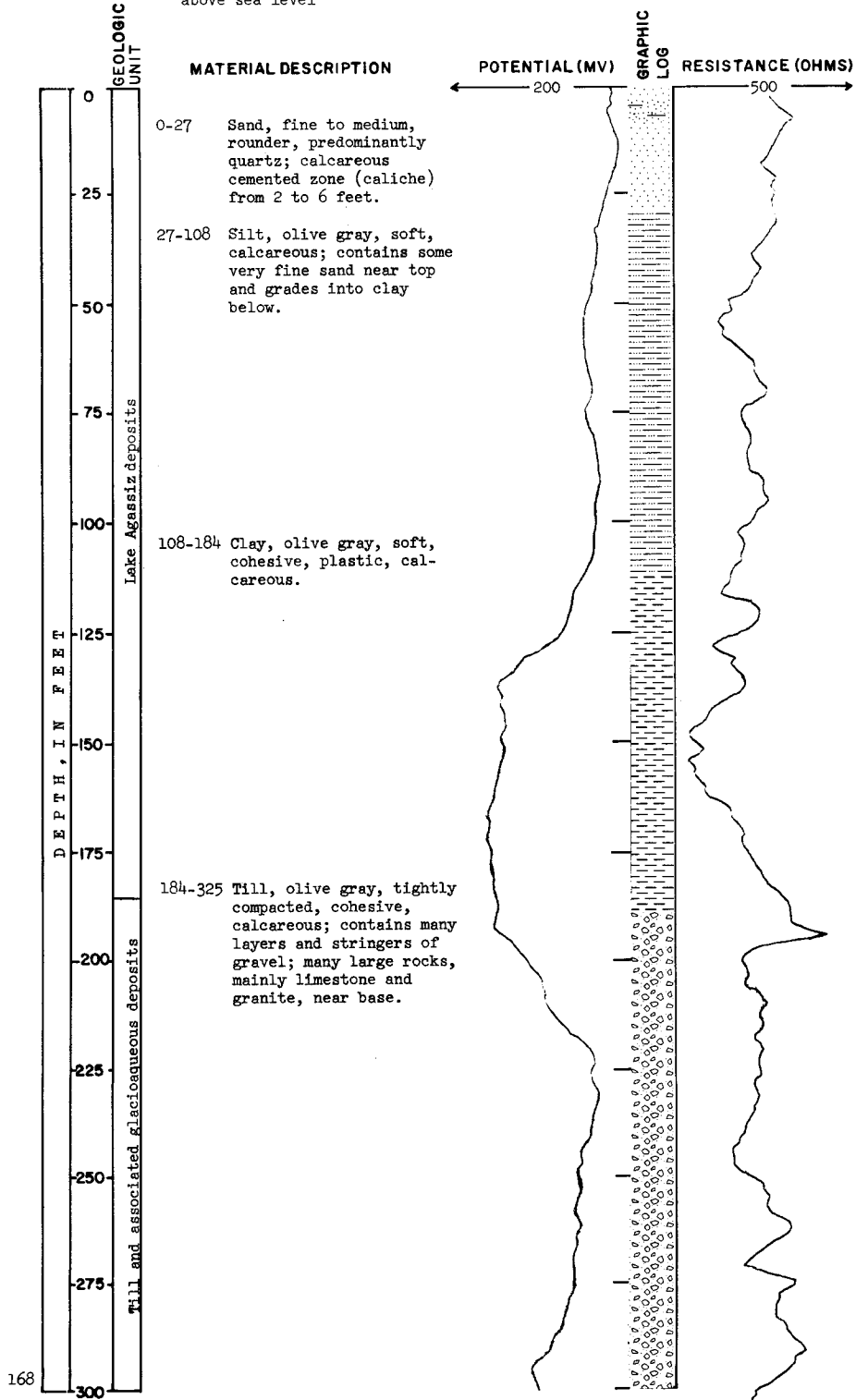
TEST HOLE 2200

LOCATION: 136-52-22ddd

DATE DRILLED: Oct. 7, 1963

ELEVATION: 1050 feet  
above sea level

DEPTH: 335 feet



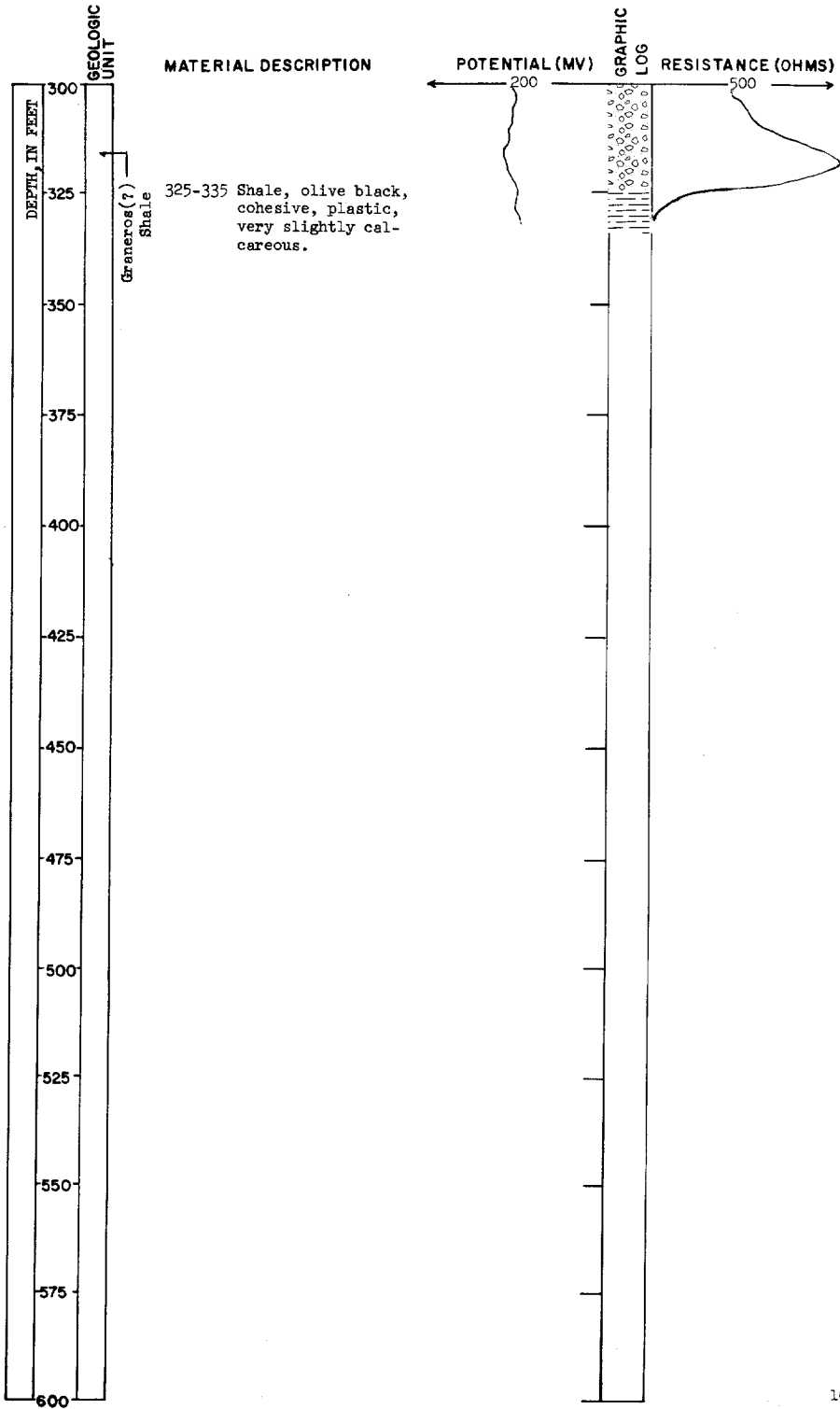
TEST HOLE 2200  
(Continued)

LOCATION: 136-52-22add

DATE DRILLED: Oct. 7, 1963

ELEVATION: 1050 feet  
above sea level

DEPTH: 335 feet



TEST HOLE 2201

LOCATION: 136-52-30bbb

DATE DRILLED: Oct. 8, 1963

ELEVATION: 1059 feet  
above sea level

DEPTH: 189 feet

