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NORTH DAKOTA GEOLOGICAL SURVEY

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COUNTY GROUND-WATER STUDIES 17 — PART II
NORTH DAKOTA STATE WATER COMMISSION

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GROUND-WATER BASIC DATA
NELSON and WALSH COUNTIES, NORTH DAKOTA

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

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INTRODUCTION

The purpose of the hydrologic investigation in Nelson and Walsh Counties, N. Dak. (fig. 1), was to determine the quantity and quality of ground water available for municipal, domestic, livestock, industrial, and irrigation uses. Specifically, within the amount of financing and time available, the objectives were: (1) determine the location, extent, and nature of the major aquifers; (2) evaluate the occurrence and movement of ground water, including the sources of recharge and discharge; (3) estimate the quantities of water stored in the aquifers; (4) estimate the potential yields to wells tapping the major aquifers; and (5) determine the chemical quality of the ground water.

The investigation was made cooperatively by the U.S. Geological Survey, North Dakota State Water Commission, North Dakota Geological Survey, the Nelson County Water Management District, and the Walsh County Board of Commissioners. The results of the investigation will be published in the hydrologic atlas series of the U.S. Geological Survey and in three separate parts of the bulletin series of the North Dakota Geological Survey and the county ground-water studies series of the North Dakota State Water Commission. Part I is an interpretive report describing the geology of the study area; Part II is a compilation of the ground-water basic data; and Part III is an interpretive report of the ground-water resources. Part II makes available hydrologic data collected during the county investigation and functions as a reference for the other reports.

The information in this report was collected chiefly between 1967 and 1970, and consists of the following: (1) Data for about 2,150 wells and test holes, (2) water-level measurements in 83 observation wells, (3) logs of about 600 test holes and wells, (4) chemical analyses of about 300 water samples, and (5) particle-size analyses of material from various aquifers.

The data in this report are useful for estimating geologic and ground-water conditions in Nelson and Walsh Counties. For example: a person

considering the construction of a new well can locate the proposed site on plates 1 and 2 (in pocket). Characteristics of nearby wells may be determined from table 1 and the water-level fluctuations in the area may be determined from table 2. The type of material encountered in nearby wells may be determined from tables 3 and 6, and the chemical quality of the water in adjacent wells may be determined from tables 4 and 5. Extrapolations based on these data should be conservative because of the irregular distribution of the water-yielding rocks.

Well-Numbering System

The wells and test holes in the tables are numbered according to a system of land survey in use by the United States Bureau of Land Management. The system is illustrated in figure 2. The first numeral denotes the township north of a base line, the second numeral denotes the range west of the fifth principal meridian, and the third numeral denotes the section in which the well is located. The letters A, B, C, and D designate, respectively, the northeast, northwest, southwest, and southeast quarter section, quarter-quarter section, and quarter-quarter-quarter section (10-acre tract). For example, well 150-60-15DAA is in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 150 N., R. 60 W. Consecutive terminal numerals are added if more than one well is recorded within a 10-acre tract. The location of each well and test hole listed in the tables is shown on plates 1 and 2.

Acknowledgments

The collection of data for this report was made possible by the cooperation of the County Commissioners and residents of Nelson and Walsh Counties, the U.S. Bureau of Reclamation, the North Dakota State Highway Dept., the North Dakota State Dept. of Health, and the U.S. Army Corps of Engineers. The author thanks the following well drillers and drilling contractors for use of their information and drilling logs: Ringdahl Drilling, C. A. Simpson & Son, O. Rainsberry, C. Porter, and Frederickson's Inc. C. E. Naplin, ground-water hydrologist with the North Dakota State Water Commission, logged all of the test holes. The assistance of Messrs. M. O. Lindvig and R. W. Schmid of the North Dakota State Water Commission is gratefully acknowledged.

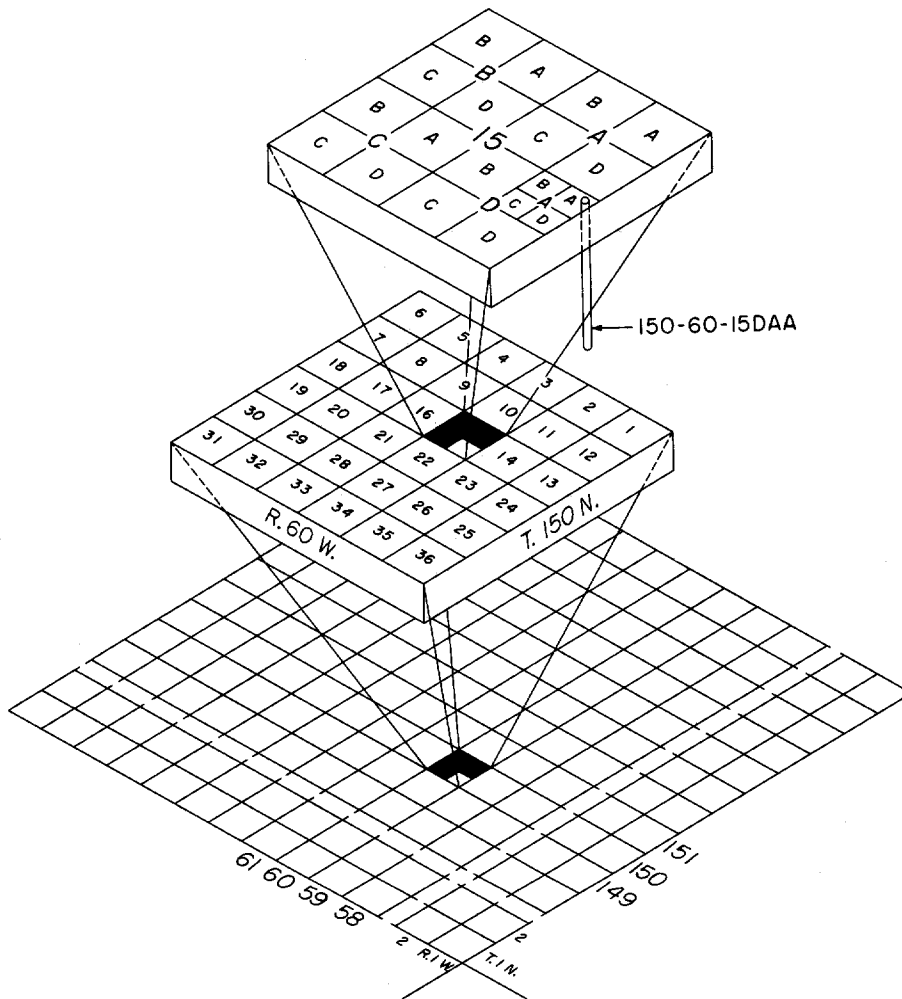


FIGURE 2.--System of numbering wells and test holes.

METHODS OF STUDY

Selected test holes were converted to observation wells for water-level measurements (table 2) and water sampling (table 4). The wells are usually constructed of 1½-inch plastic casing with 18-slot (0.018-inch openings) well screens, or 4-inch plastic casings with well screens. Most of the observation wells were pumped a minimum of 6 hours before water samples were collected for chemical analyses. Several domestic and live-stock wells also were used as observation wells. Water-level measurements were made periodically beginning in the fall of 1967 and extending through December 1970. Seven wells were equipped with continuous water-level recorders. Measurements will continue to be made in many of these wells as part of the statewide observation-well network. The locations of observation wells are shown on plates 1 and 2.

Two types of logs are included in table 3--logs of test holes drilled as part of this project and logs collected from other sources. Logs from test holes drilled as part of this project are identified by the letters NDSWC. These logs normally have a graphic log in addition to a description of the materials penetrated. As available, electric and gamma-ray logs are also shown. Logs from other sources, such as well drillers, other government agencies, and previously published logs, are shown essentially as received. Minor changes in word order have been made in some cases. The well drillers' logs tend to show sand sizes as being coarser than they would be classified under the standard Wentworth (1922) size scale.

Particle-size analyses shown in table 6 are from samples obtained from test holes. The analyses were made by the Hydrologic Laboratory of the U.S. Geological Survey, Denver, Colo., the U.S. Army Corps of Engineers, and the U.S. Bureau of Reclamation.

The names of geologic formations used in this report are those of the North Dakota Geological Survey and, in some instances, differ from those used by the U.S. Geological Survey.

WATER-QUALITY DATA

The mineral constituents and physical properties of water reported in the table of analyses (tables 4 and 5) include those that have a practical bearing on the value of the water for most purposes. The analyses

generally include determinations of silica, iron, calcium, magnesium, sodium, potassium (or sodium and potassium together calculated as sodium), carbonate, bicarbonate, sulfate, chloride, fluoride, nitrate, boron, dissolved solids, pH, and specific conductance. The water samples obtained during this study for analysis were collected in polyethylene bottles, and the analyses were made by the North Dakota State Water Commission, Bismarck, N. Dak. Often a period of several weeks elapsed between collection and the date of analysis. This time lapse may influence the values shown in tables 4 and 5 for pH, iron, and bicarbonate.

The dissolved mineral constituents in water are usually reported in milligrams per liter (mg/l) micrograms per liter ($\mu\text{g/l}$), parts per million (ppm), or grains per U.S. gallon (gr/gal). A milligram per liter is one-thousandth (0.001) of a gram of dissolved material per liter of solution. A microgram per liter is one millionth (0.000001) of a gram of dissolved material per liter of solution. A part per million is a unit weight of dissolved material in a million unit weights of solution. A grain per U.S. gallon is 1 grain (unit of weight) of dissolved material per U.S. gallon of solution.

Milligrams per liter is practically equivalent to parts per million for water containing less than 7,000 ppm dissolved solids. Milligrams per liter can be converted to grains per gallon by dividing milligrams per liter by 17.12 (Hem, 1970, p. 81). One milligram per liter is equivalent to 8.33 pounds of material per million gallons of water.

Micrograms per liter may be converted to milligrams per liter by dividing micrograms per liter by 1,000.

Equivalents per million (epm) is the unit chemical combining weight of a constituent in a million weights of water. These units are usually not reported, but are used to calculate percent sodium, the sodium-adsorption ratio (SAR), or to check the accuracy of a chemical analysis.

Mineral Constituents in Solution

Silica (SiO_2)

Silica is dissolved from practically all rocks. Some water contains less than 5 mg/l of silica and some contains more than 50 mg/l, but the more common range is from 10 to 30 mg/l. Silica affects the usefulness of

water because it contributes to the formation of scale in pipes, water heaters, and boilers.

Iron (Fe)

Iron compounds are common in rocks and are easily leached by ground water. On exposure to air, water that contains more than 100 µg/l of iron soon becomes turbid with the insoluble reddish ferric oxide produced by oxidation. Surface water seldom contains as much as 1,000 µg/l of dissolved iron, although some acid water carries large quantities of iron in solution. Ground water usually contains less than 10,000 µg/l. The U.S. Public Health Service (1962) recommends an upper limit of 300 µg/l of iron in drinking water because in greater concentrations it imparts a metallic taste. It also causes reddish-brown stains on porcelain or enamelware and fixtures and on fabrics washed in the water. In this report, iron concentrations are reported in micrograms per liter (µg/l).

Calcium (Ca)

Calcium may be leached from most rocks. It is a major cause of hardness and forms scale on utensils and on boilers and pipes. The calcium content of ground water may be as high as several hundred milligrams per liter.

Magnesium (Mg)

Magnesium may be dissolved from many sources, particularly from dolomitic rocks. Its effect in water is similar to that of calcium. The magnesium in soft water may amount to only 1 or 2 mg/l, but water in areas that contain large quantities of dolomite or other magnesium-bearing rocks may contain more than 100 mg/l of magnesium.

Sodium and Potassium (Na and K)

Sodium and potassium are dissolved from practically all rocks. Sodium is the predominant cation in some of the more highly mineralized water found in Nelson and Walsh Counties. The potassium concentration in water rarely exceeds 50 mg/l because potassium compounds in rocks are less soluble than sodium compounds, and because base exchange, adsorption by clays, and formation of new minerals tend to remove potassium from ground water. Moderate quantities of sodium and potassium generally have little effect on the usefulness of water, but water that carries more than about

50 mg/l of the two may require careful operation of steam boilers to prevent foaming. More highly mineralized water that contains a large proportion of sodium salts may be unsatisfactory for irrigation. The presence of several hundred milligrams per liter of sodium in water makes it unsuitable for use in sodium-restricted diets (North Dakota State Dept. of Health, 1962).

Bicarbonate and Carbonate (HCO_3 and CO_3)

Bicarbonate and carbonate ions commonly are dissolved from carbonate rocks and are the major cause of alkalinity in most water. Although alkalinity is primarily due to the presence of bicarbonate and carbonate, other ions also contribute to alkalinity such as silicates, phosphates, borates, possibly fluoride, and certain organic anions that may occur in colored water. The significance of alkalinity to the domestic, agricultural, and industrial user is usually dependent upon the nature of the cations (Ca, Mg, Na, and K) associated with it. However, moderate amounts of alkalinity do not adversely affect most uses.

Sulfate (SO_4)

Sulfate, an oxidation product of sulfur, is not a major constituent of the earth's crust; however, it is widely distributed in various forms in both sedimentary and igneous rocks. Upon weathering, metallic sulfide deposits yield sulfate to the ground-water system. Large quantities of sulfate may also be dissolved from beds of gypsum, sodium sulfate deposits, and some types of shale.

The sulfate content of water generally is not critical in many industrial processes, but in association with calcium and magnesium, sulfate may form hard scale in steam boilers.

The U.S. Public Health Service recommends 250 mg/l as the upper limit for sulfate in drinking water.

Chloride (Cl)

Chlorides are generally very soluble compounds and are found in most rocks; therefore, chlorides are found in nearly all natural water. Large quantities of chloride may affect the industrial use of water by increasing the corrosiveness of water that contains large quantities of calcium and

magnesium. The U.S. Public Health Service recommends an upper limit of 250 mg/l of chloride for drinking water.

Fluoride (F)

Fluoride has been reported as being present in igneous and some sedimentary rocks to about the same extent as chloride. However, most fluorides, unlike the chlorides, are low in solubility so that the quantity of fluoride in natural water is ordinarily very small compared to that of chloride. Hem (1970, p. 178) suggested that fluoride concentrations in natural water in excess of 10 mg/l are unusual. Fluoride concentrations between 0.6 and 1.7 mg/l have a beneficial effect on the structure and resistance to decay of children's teeth. Concentrations greater than 1.7 mg/l also protect the teeth from cavities but cause an undesirable black stain (Durfor and Becker, 1964). The U.S. Public Health Service (1962, p. 8) states, "When fluoride is naturally present in drinking water, the concentration should not average more than the appropriate upper limit..." (0.8 to 1.7 mg/l). "Presence of fluoride in average concentrations greater than two times the optimum values...shall constitute grounds for rejection of the supply." According to the U.S. Public Health Service, the recommended optimum fluoride concentration in drinking water depends on the annual average of the maximum daily air temperature. For climates having an average daily maximum air temperature below 12°C (53.7°F), such as in North Dakota, the optimum fluoride concentration is 1.2 mg/l and the recommended upper limit is 1.7 mg/l. Concentrations higher than the stated upper limit may cause mottled enamel in teeth, endemic cumulative fluorosis, and skeletal defects.

Nitrate (NO₃)

Nitrate in water is considered a final oxidation produce of nitrogenous material and may indicate contamination by sewage or other organic matter. The U.S. Public Health Service (1962) sets 45 mg/l as the upper limit for nitrate. Ingestion of water containing excessive quantities of nitrate may result in infantile methemoglobinemia (Maxey, 1950). If the concentration is sufficiently great, both man and animals can be poisoned by nitrate.

Boron (B)

Boron in small quantities is essential for plant growth, but irrigation water containing more than 1,000 µg/l boron is detrimental to boron-sensitive crops. In this report boron concentrations are reported in micrograms per liter (µg/l).

Dissolved solids

The reported quantity of dissolved solids, the residue on evaporation at 180°C, consists mainly of the dissolved mineral constituents in the water. It may also include some organic matter and water of crystallization. Water with less than 500 mg/l of dissolved solids is usually satisfactory for domestic and some industrial uses. Water containing several thousand milligrams per liter dissolved solids is sometimes successfully used for irrigation where practices permit the removal of soluble salts through the application of large volumes of water on well-drained lands, but generally water containing more than about 2,000 mg/l is considered to be unsuitable for long-term irrigation under average conditions.

Properties and Characteristics of Water

Temperature

Temperature is an important factor in properly determining the quality of water. This is evident for such a direct use as an industrial coolant. Temperature also is important, but perhaps not so evident, for its indirect influence upon concentrations of dissolved gases and mineral matter in ground water. Temperatures in this report (tables 1, 4, and 5) are expressed in degrees Celsius (Centigrade). Degrees Celsius and the equivalent temperature in degrees Fahrenheit are given in the following table.

| <u>Degrees Celsius</u> | <u>Degrees Fahrenheit</u> | <u>Degrees Celsius</u> | <u>Degrees Fahrenheit</u> | <u>Degrees Celsius</u> | <u>Degrees Fahrenheit</u> |
|------------------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|
| 2.0 | 36 | 10.5 | 51 | 19.0 | 66 |
| 2.5 | 37 | 11.0 | 52 | 19.5 | 67 |
| 3.0 | 38 | 11.5 | 53 | 20.0 | 68 |
| 4.0 | 39 | 12.0 | 54 | 20.5 | 69 |
| 4.5 | 40 | 12.5 | 55 | 21.0 | 70 |
| 5.0 | 41 | 13.5 | 56 | 21.5 | 71 |
| 5.5 | 42 | 14.0 | 57 | 22.0 | 72 |
| 6.0 | 43 | 14.5 | 58 | 22.5 | 73 |
| 6.5 | 44 | 15.0 | 59 | 23.5 | 74 |
| 7.0 | 45 | 15.5 | 60 | 24.0 | 75 |
| 7.5 | 46 | 16.0 | 61 | 24.5 | 76 |
| 8.5 | 47 | 16.5 | 62 | 25.0 | 77 |
| 9.0 | 48 | 17.0 | 63 | 25.5 | 78 |
| 9.5 | 49 | 17.5 | 64 | 26.0 | 79 |
| 10.0 | 50 | 18.5 | 65 | 26.5 | 80 |

Normally the temperature of ground water within 60 feet (18.3 meters) of the surface approximates the mean annual air temperature and increases 0.56°C (1°F) for each 60 to 100 feet (18.3 to 30.5 meters) of increase in depth.

Hardness

Hardness is the characteristic of water that receives the most attention in industrial and domestic use. It is commonly recognized by the increased quantity of soap required to produce lather. The use of hard water is also objectionable because it contributes to the formation of scale in boilers, water heaters, radiators, and pipes, with a resultant decrease in rate of heat transfer and possibility of water heater or boiler failure.

Hardness is caused almost entirely by compounds of calcium and magnesium. Other constituents--such as iron, manganese, aluminum, barium, strontium, and free acid also cause hardness, although they usually are not present in quantities large enough to have any appreciable effect.

Generally bicarbonate and carbonate determine the proportions of "carbonate" hardness of water. Carbonate hardness is the amount of hardness chemically equivalent to the amount of bicarbonate and carbonate in solution. Carbonate hardness is approximately equal to the amount of hardness that is removed from water by boiling and is termed temporary hardness.

Noncarbonate hardness is the difference between the hardness calculated from the total amount of calcium and magnesium in solution and the carbonate hardness. If the carbonate hardness (expressed as calcium carbonate) equals the amount of calcium and magnesium hardness (also expressed as calcium carbonate) there is no noncarbonate hardness. Noncarbonate hardness is about equal to the amount of hardness remaining after water is boiled. The scale formed at high temperatures by the evaporation of water containing noncarbonate hardness commonly is tough, heat resistant, and difficult to remove.

Although many people talk about soft water and hard water, there has been no firm line of demarcation. Water that seems hard to an easterner may seem soft to a westerner. Therefore, the U.S. Geological Survey has adopted the following classification.

| <u>Hardness range (calcium carbonate in mg/l)</u> | <u>Hardness description</u> |
|---|-----------------------------|
| 0-60 | Soft |
| 61-120 | Moderately hard |
| 121-180 | Hard |
| More than 180 | Very hard |

For public use, water with hardness of about 220 mg/l generally requires softening treatment (Durfor and Becker, 1964).

Specific conductance (micromhos per centimeter at 25°C)

Specific conductance is used to estimate the amount of dissolved solids in water. It is a measure of the ability of water to conduct an electrical current. Commonly, the amount of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant and it may even vary in the same source with changes in the composition of the water (Hem, 1970).

Specific conductance of most water in the eastern United States is less than 1,000 micromhos, but in the arid western parts of the country, a specific conductance of more than 1,000 micromhos is common.

Sodium-adsorption ratio (SAR)

The term sodium-adsorption ratio (SAR) was introduced by the U.S. Salinity Laboratory Staff (1954). It is the ratio expressing the relative activity of sodium ions in exchange reaction with soil and is an index of the sodium or alkali hazard to the soil. Sodium-adsorption ratio is expressed by the equation:

$$SAR = \frac{Na^+}{\sqrt{\frac{Ca^{++}+Mg^{++}}{2}}}$$

where the concentrations of the ions are expressed in milliequivalents per liter or equivalents per million.

Water is divided into sixteen classes (U.S. Salinity Laboratory Staff, 1954, p. 80) depending upon the SAR and specific conductance. Water varies in respect to sodium hazard and specific conductance from that which can be used for irrigation on almost all soils to that which is generally unsatisfactory for irrigation.

Hydrogen-ion concentration (pH)

Hydrogen-ion concentration is expressed in terms of pH units. The values of pH often are used as a measure of the solvent power of water or as an indicator of the chemical behavior certain solutions may have toward rock minerals.

The degree of acidity or alkalinity of water, as indicated by the hydrogen-ion concentration, expressed as pH, affects the corrosive properties of water, and partly determines the proper treatment that may be necessary at water-treatment plants. A pH of 7.0 indicates that the water is neither acid nor alkaline. Readings progressively lower than 7.0 denote increasing acidity and those progressively higher than 7.0 denote increasing alkalinity. The pH of most ground water ranges between 5.5 and slightly more than 8.

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TABLE 1.--Records of wells and test holes

EXPLANATION

| | |
|---|--|
| <p><u>Water level (ft)</u></p> <p>Water level, in feet below (+ above) land surface</p> <p>F, well flows</p> <p><u>Use of Water</u></p> <p>A, air conditioning C, commercial H, domestic I, irrigation K, domestic and stock N, industrial P, public supply R, recreation S, stock T, institutional U, unused Z, other</p> <p><u>Major aquifer</u></p> <p>E, Triassic-Jurassic, undifferentiated K1, Lower Cretaceous K3, Upper Cretaceous PD, Pierre Formation PM, Dakota Group QG, Quaternary, Pleistocene QR, Quaternary, Recent</p> <p>1G, surface sand and gravel deposits 01, lake deposits 02, beach deposits 03, delta deposits 21, recent stream alluvium 31, glacial outwash 41, glacial till 51, buried sand and gravel deposits</p> | <p><u>Water-bearing material</u></p> <p>1, very fine grained 2, fine grained 3, medium grained 4, coarse grained 6, clayey 7, silty 8, sandy 9, gravelly</p> <p>F, shale G, gravel J, fractured P, clay Q, silt R, sand and gravel S, sand T, till</p> <p><u>Specific conductance (in micromhos per centi- meter at 25°C)</u></p> <p>0, 0-50 1, 51-150 2, 151-300 3, 301-500 4, 501-1,000 5, 1,001-2,000 6, 2,001-5,000 7, 5,001-10,000 8, 10,001-20,000 9, more than 20,000</p> |
|---|--|

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|----------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| NELSON COUNTY | | | | | | | | | | | | | | |
| 149N057W01000 | L. SOLBERG | | 50 | 50 | 24 | -- | 27 | 8-67 | U | PD | 2F | -- | -- | 1479 |
| 149N057W02000 | M. HILLSLAND | | 30 | 27 | 30 | 1930 | -- | -- | H | PD | 2F | 6 | -- | 1500 |
| 149N057W03000 | J. SOLBERG | | 30 | 30 | 24 | -- | 14 | 8-67 | U | 41 | 7T | 5 | -- | 1510 |
| 149N057W03000 | M. LONG | | 15 | -- | 36 | -- | 12 | -- | H | 41 | 7T | 5 | -- | 1500 |
| 149N057W05000 | K. FJELD | | 112 | 70 | 5 | 1939 | 27 | 7-39 | S | PD | 2F | -- | -- | 1500 |
| 149N057W08A03 | R. RETZLAFF | | 35 | -- | 24 | -- | 15 | 8-67 | U | 41 | 7T | 6 | -- | 1510 |
| 149N057W11A00 | USAF | | 130 | 0 | 4 | 1962 | 9 | 11-62 | U | PD | 2F | -- | 7.0 | 1500 |
| 149N057W12003 | G. SOLBERG | | 27 | -- | 14 | -- | 16 | 8-67 | K | 41 | 7T | 5 | -- | 1490 |
| 149N057W13000 | P. SATHER | | 39 | 39 | 24 | 1930 | 13 | 3-67 | S | 41 | 7T | 5 | -- | 1490 |
| 149N057W14000 | A. RETZLAFF | | 32 | 32 | 36 | -- | 26 | 8-67 | S | 41 | 7T | 6 | -- | 1500 |
| 149N057W15000 | F. JOHNSON | | 83 | -- | 5 | 1935 | 27 | 8-67 | S | PD | 2F | 4 | 6.0 | 1520 |
| 149N057W18A00 | M. FJELD | | 50 | -- | 36 | -- | 32 | -- | U | 41 | 7T | 4 | -- | 1500 |
| 149N057W18A00 | T. SYVERSUN | | 30 | -- | 30 | -- | 15 | -- | U | 41 | 7T | 6 | -- | 1505 |
| 149N057W19A00 | M. FOUJNEH | | 35 | -- | 30 | -- | 15 | -- | K | 41 | 7T | 5 | -- | 1500 |
| 149N057W19000 | D. GLEJHRENG | | 35 | -- | 24 | -- | 12 | 7-08 | S | 41 | 7T | 4 | -- | 1484 |
| 149N057W20000 | D. HOMME | | 50 | -- | 24 | -- | -- | -- | U | PD | 2F | 6 | -- | 1500 |
| 149N057W20000 | P. VIG | | 28 | -- | 24 | -- | 10 | 8-67 | U | 41 | 7T | 7 | -- | 1490 |
| 149N057W21000 | F. JOHNSON | | 85 | -- | 6 | -- | 35 | -- | U | PD | 2F | 6 | -- | 1515 |
| 149N057W21000 | F. JOHNSON | | 50 | 50 | 24 | -- | 40 | -- | S | PD | 2F | 5 | 6.0 | 1520 |
| 149N057W23A00 | S. HILLESLAND | | 25 | -- | 24 | -- | 9 | 8-67 | U | 41 | 8T | 7 | -- | 1510 |
| 149N057W25A00 | A. SANQUIST, JR | | 40 | -- | 36 | 1935 | 32 | -- | S | PD | 2F | 5 | -- | 1500 |
| 149N057W25000 | E. JOHNSON | | 72 | 60 | 24 | -- | 40 | 8-67 | S | 41 | 7T | 5 | -- | 1510 |
| 149N057W26000 | S. HILLESLAND | | 39 | -- | 24 | -- | 6 | 8-67 | U | 41 | 8T | 4 | -- | 1516 |
| 149N057W27000 | E. VIG | | 80 | -- | 24 | 1940 | -- | -- | H | PD | 2F | 5 | -- | 1530 |
| 149N057W27000 | L. ANDRESKI | | 55 | -- | 36 | -- | 35 | -- | U | PD | 2F | 6 | -- | 1530 |
| 149N057W27000 | L. ANDRESKI | | 70 | -- | 30 | -- | 9 | 8-67 | U | PD | 2F | 5 | -- | 1530 |
| 149N057W29000 | USGS 6 | | 48 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1452 |
| 149N057W31A03 | USGS 2 | | 38 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1462 |
| 149N057W31A00 | L. LARSON | | 28 | -- | 12 | -- | 24 | 8-46 | H | -- | -- | -- | -- | 1490 |
| 149N057W31A00 | N. HOLEN | | -- | -- | 18 | -- | 24 | 8-46 | H | -- | -- | -- | -- | 1498 |
| 149N057W31A00 | T. RINGSTAD | | 40 | -- | 18 | 1925 | 17 | 8-47 | H | -- | -- | -- | -- | 1498 |
| 149N057W31000 | USGS 1 | | 36 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1464 |
| 149N057W31000 | USGS 3 | | 56 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1444 |
| 149N057W31000 | USGS 4 | | 43 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1452 |
| 149N057W31000 | M. SMALLBACK | | 36 | -- | 36 | -- | 26 | 8-47 | H | -- | -- | -- | -- | 1498 |
| 149N057W31000 | USGS 7 | | 33 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1450 |
| 149N057W32000 | A. FJELD | | 43 | 43 | 24 | -- | 17 | 8-67 | H | PD | 2F | 5 | 6.0 | 1510 |
| 149N057W32000 | J. CLARK | | 34 | 34 | 36 | 1928 | 12 | 8-46 | H | 31 | 2S | -- | -- | 1505 |
| 149N057W32000 | G. ANDRESKI | | 37 | -- | 24 | -- | 6 | 8-46 | H | PD | JF | -- | -- | 1502 |
| 149N057W32000 | ANETA | | 48 | -- | 46 | -- | 10 | 8-46 | P | -- | -- | -- | -- | 1507 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | GATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 149N057W32BCC2 | A. RELSON | | 26 | -- | 30 | 1926 | 16 | 0-00 | H | 51 | -- | -- | -- | 1494 |
| 149N057W32CCB | H. SCLJERG | | 38 | 38 | 18 | -- | 16 | 0-40 | H | 31 | 2S | -- | -- | 1503 |
| 149N057W330AB | T. F. JELD | | 160 | 52 | 6 | 1915 | 17 | -- | U | PD | 2F | -- | -- | 1510 |
| 149N057W36BC31 | C. AASEN | | 27 | -- | 30 | -- | 10 | 0-00 | H | 41 | 7T | 7 | -- | 1490 |
| 149N057W36BC32 | C. AASEN | | 35 | 35 | 30 | -- | 6 | 6-64 | U | 41 | 7T | 5 | -- | 1490 |
| 149N058W01000 | G. NAAS | | 29 | -- | 24 | -- | 10 | 9-07 | U | 41 | 7P | 4 | -- | 1500 |
| 149N058W0200A | A. HAUGEN | | 90 | -- | 6 | -- | 75 | -- | H | PD | 2F | 6 | -- | 1510 |
| 149N058W0200U | A. HAUGEN | | 150 | 55 | 4 | 1967 | 75 | 9-07 | U | PD | 2F | -- | -- | 1520 |
| 149N058W03A3C | T. SELVIG | | 46 | 46 | 18 | -- | 11 | 0-07 | U | 41 | 7T | 5 | -- | 1540 |
| 149N058W03000 | F. HAARAK | | 50 | -- | 24 | 1931 | 30 | -- | H | 41 | 7T | 5 | -- | 1530 |
| 149N058W05A0C | USAF | | 130 | 81 | 4 | 1962 | 19 | 11-62 | U | PD | JF | -- | 8.0 | 1510 |
| 149N058W0600B | J. VERNON | | 21 | -- | 48 | -- | 13 | 0-67 | U | 41 | 7T | -- | -- | 1485 |
| 149N058W070AA | G. KRJKE | | 68 | -- | 6 | 1964 | 60 | -- | K | PD | 2F | 5 | -- | 1520 |
| 149N058W08AA01 | G. NAAS | | 45 | -- | 24 | 1936 | 40 | -- | H | 41 | 7T | 5 | -- | 1520 |
| 149N058W08AA02 | G. NAAS | | 110 | -- | 6 | 1942 | 60 | -- | H | PD | JF | 6 | -- | 1520 |
| 149N058W0800B1 | G. JACOBSON | | 51 | 51 | 36 | -- | 41 | 0-67 | S | 41 | 7T | 5 | 6.0 | 1510 |
| 149N058W0800B2 | G. JACOBSON | | 79 | 58 | 6 | 1966 | 40 | 6-00 | H | PD | 2F | 5 | -- | 1510 |
| 149N058W0900A | H. HAABAK | | 82 | 60 | 6 | 1950 | 30 | -- | K | PD | 2F | 6 | -- | 1520 |
| 149N058W0900C1 | E. OPHAUG | | 74 | -- | 6 | 1950 | 36 | -- | H | PD | 2F | 5 | -- | 1530 |
| 149N058W0900C2 | E. OPHAUG | | 35 | -- | 24 | -- | 10 | -- | S | 41 | 7T | 5 | -- | 1530 |
| 149N058W1000A | A. LARSON | | 75 | -- | 24 | -- | 9 | 0-08 | U | PD | 2F | 7 | -- | 1510 |
| 149N058W1000B | A. LARSON | | 42 | -- | 36 | -- | 9 | 0-07 | U | PD | 2F | 7 | -- | 1510 |
| 149N058W1100C | H. KJURVE STAD | | 50 | 50 | 24 | 1900 | 8 | 0-60 | H | 41 | 7T | 6 | -- | 1500 |
| 149N058W1200A | USAF | | 129 | 40 | 5 | 1962 | 17 | 11-02 | U | PD | 2F | -- | -- | 1500 |
| 149N058W1300A | K. FAUGNER | | 17 | -- | 30 | -- | 7 | 0-08 | U | 41 | 7T | 6 | -- | 1500 |
| 149N058W1300B1 | U. HÖMME | | 22 | -- | 18 | 1916 | 14 | -- | H | 41 | 8T | 4 | -- | 1485 |
| 149N058W1300B2 | U. HÖMME | | 22 | -- | 24 | 1928 | 14 | -- | S | 41 | 8T | 4 | -- | 1485 |
| 149N058W1400B | T. HÖMME | | 50 | -- | 24 | -- | 30 | -- | S | 41 | 8T | 6 | -- | 1500 |
| 149N058W1400A | T. ROISLAND | | 75 | -- | 6 | 1960 | 32 | -- | H | PD | 2F | 6 | -- | 1510 |
| 149N058W1400B1 | M. SWANSON | | 90 | -- | 6 | 1967 | 40 | -- | H | PD | 2F | -- | -- | 1510 |
| 149N058W1400B2 | M. SWANSON | | 55 | -- | 30 | -- | 14 | -- | S | 41 | 7T | 6 | -- | 1510 |
| 149N058W1500C | J. FRANKSON | | 110 | 85 | 4 | 1907 | 26 | 0-07 | H | PD | JF | -- | -- | 1520 |
| 149N058W1500C | L. SØBLOCK | | 35 | -- | 30 | -- | 13 | 0-00 | U | 41 | 7T | -- | -- | 1510 |
| 149N058W1600B | K. LBYLAND | | 42 | -- | 30 | 1907 | 17 | -- | H | 41 | 7T | 6 | -- | 1520 |
| 149N058W1600B1 | A. KEE | | 100 | 79 | 4 | 1966 | 35 | 9-05 | H | PD | JF | -- | -- | 1520 |
| 149N058W1600B2 | L. BROOKS | | 100 | 50 | 4 | 1967 | 30 | 9-07 | H | PD | JF | -- | -- | 1520 |
| 149N058W1900A | M. OLSON | | 120 | -- | 4 | 1966 | 40 | -- | U | PD | JF | -- | -- | 1468 |
| 149N058W2000A | O. K. SEHNAHL | | 23 | -- | 30 | -- | 13 | 8-67 | S | 41 | 7T | -- | -- | 1480 |
| 149N058W2300B | USGS 5 | | 45 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1455 |
| 149N058W2700A | R. RETZLAFF | | 65 | -- | 24 | -- | 41 | 8-07 | U | PD | JF | -- | -- | 1530 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 149N058W28UCB | L. LARSON | | 68 | -- | 5 | 1941 | 45 | 10-41 | S | 31 | 2S | -- | -- | 1500 |
| 149N058W30CUD | NDSWC 5343 | 180 | 143 | 137 | 1 | 1969 | 4 | 9-69 | U | 51 | 7S | -- | -- | 1320 |
| 149N0583DUJC | H. OLSEN | | 82 | -- | 6 | 1914 | 10 | -- | S | 41 | 8T | 5 | -- | 1350 |
| 149N058W31UBD | N. NELSON | | 10 | -- | 6 | -- | 8 | 8-67 | U | 41 | 8T | -- | -- | 1400 |
| 149N058W32AAC | USAF | | 130 | -- | 3 | 1962 | 8 | 11-62 | U | PD | JF | -- | -- | 1450 |
| 149N058W32CCD | NDSWC 5344 | | 200 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1330 |
| 149N058W35ADD | G. K. JORVESTAD | | 49 | 49 | 24 | -- | 23 | 8-67 | U | PD | 2F | -- | -- | 1525 |
| 149N058W36AAB | R. RETZLUFF | | 42 | -- | 36 | 1929 | 25 | 0-46 | S | 41 | 8T | -- | -- | 1500 |
| 149N059W0288B | NDSWC 2962 | 300 | 240 | 237 | 1 | 1968 | 40 | 6-68 | U | 51 | 7S | 4 | 6.0 | 1455 |
| 149N059W028DA | NDSWC 5454 | | 140 | 0 | 4 | 1969 | 9 | 6-70 | U | -- | -- | 4 | 7.0 | 1450 |
| 149N059W028DD1 | NDSWC 5446 | 260 | 83 | 77 | 1 | 1969 | 6 | 9-69 | U | 1G | 7S | -- | -- | 1416 |
| 149N059W028DD2 | NDSWC 5453 | | 120 | 0 | 4 | 1969 | 9 | 6-70 | U | -- | -- | 4 | 7.0 | 1450 |
| 149N059W02CAA | NDSWC 5450 | 200 | 93 | 87 | 1 | 1969 | 10 | 9-69 | U | 51 | 7S | -- | -- | 1413 |
| 149N059W02CAB | NDSWC 5443 | 280 | 243 | 237 | 1 | 1969 | 34 | 9-69 | U | 51 | 7R | -- | -- | 1450 |
| 149N059W02CAD | NDSWC 5452 | 160 | 87 | 81 | 1 | 1969 | 16 | 9-69 | U | 51 | 7S | -- | -- | 1430 |
| 149N059W02CBA1 | NDSWC 5444 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1460 |
| 149N059W02CBA2 | NDSWC 5447 | 220 | 143 | 137 | 1 | 1969 | 39 | 9-69 | U | 51 | 7R | -- | -- | 1455 |
| 149N059W02CDB | NDSWC 5442 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1459 |
| 149N059W02DAA | NDSWC 5449 | | 40 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1445 |
| 149N059W02DAB | NDSWC 5448 | 160 | 73 | 67 | 1 | 1969 | 8 | 9-69 | U | 51 | 7S | -- | -- | 1410 |
| 149N059W02DDB1 | NDSWC 5445 | 260 | 73 | 67 | 1 | 1969 | 34 | 9-69 | U | 51 | 7R | -- | -- | 1416 |
| 149N059W02DDB2 | NDSWC 5451 | 100 | 83 | 77 | 1 | 1969 | 28 | 9-69 | U | 51 | 7S | -- | -- | 1410 |
| 149N059W02DDB3 | NDSWC TEST WELL | 100 | 95 | 47 | 6 | 1970 | 9 | 0-70 | U | 1G | 2S | 4 | 12.0 | 1408 |
| 149N059W038JA | F. BATHEN | | 20 | -- | 36 | -- | 4 | -- | S | PD | 2F | -- | -- | 1450 |
| 149N059W048AB | R. MACMILLAN | | 80 | -- | 6 | 1916 | 8 | -- | S | PD | 2F | 5 | -- | 1475 |
| 149N059W05AAA | NDSWC 5331 | | 40 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1473 |
| 149N059W08CUC | H. STENSLIE | | 32 | 30 | 36 | -- | 7 | -- | H | PD | 2F | 7 | -- | 1450 |
| 149N059W09CAB | G. CHRISTERSON | | 28 | -- | 8 | 1960 | 16 | -- | H | PD | 2F | 4 | -- | 1355 |
| 149N059W09CLD | J. LGE | | 72 | -- | 6 | -- | 17 | -- | H | PD | 2F | -- | -- | 1350 |
| 149N059W10AAD | NDSWC 5332 | | 80 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1450 |
| 149N059W11A8B | J. MARTINSON | | 55 | -- | 6 | -- | 30 | -- | H | 41 | 8T | -- | -- | 1380 |
| 149N059W11CAC | A. LARSON | | 75 | -- | 4 | -- | 25 | -- | U | PD | 2F | 5 | -- | 1370 |
| 149N059W1288B | NDSWC 5333 | | 20 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1448 |
| 149N059W12LCC | NDSWC 5334 | 140 | 60 | 57 | 1 | 1969 | 20 | 9-69 | U | -- | -- | 4 | -- | 1384 |
| 149N059W12LGD1 | N. LOFTHUS | | 150 | -- | 6 | 1935 | 25 | -- | U | PD | 2F | -- | -- | 1460 |
| 149N059W12CGD2 | N. LOFTHUS | | 25 | -- | 6 | 1952 | 17 | -- | S | 41 | 8T | 6 | -- | 1460 |
| 149N059W12LUD | N. LOFTHUS | | 8 | 8 | 60 | -- | 6 | 3-67 | S | 41 | 7T | 6 | -- | 1450 |
| 149N059W12UCC | R. KNUTSON | | 25 | -- | 4 | 1967 | 20 | -- | H | 41 | 7T | 5 | -- | 1460 |
| 149N059W13UCA | D. KNUTSON | | 20 | -- | 3 | -- | 12 | -- | H | 16 | 7S | -- | -- | 1345 |
| 149N059W14UAD | NDSWC 5335 | 180 | 78 | 75 | 1 | 1969 | 4 | 0-69 | U | 1G | 7S | 4 | -- | 1345 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 149N059W15AAA | NDSWC 2983 | | 20 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1430 |
| 149N059W15CCA | A.GEEAUBECK | | 28 | -- | 18 | -- | 24 | -- | H | PD | 2F | -- | -- | 1350 |
| 149N059W15BD | I.QUANBACK | | 1617 | -- | -- | 1969 | -- | -- | U | -- | -- | -- | -- | 1345 |
| 149N059W15DAD | K.QUANBECK | | 28 | -- | 15 | 1901 | 13 | -- | H | 41 | 8T | 4 | -- | 1340 |
| 149N059W17CUD | G.SAUNDERS | | 25 | -- | 36 | -- | 12 | -- | S | PD | 2F | -- | -- | 1460 |
| 149N059W16AAA | NDSWC 2986 | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1454 |
| 149N059W18UUB | L.SHEED | | 38 | -- | 28 | -- | 15 | -- | S | PD | 2F | -- | -- | 1460 |
| 149N059W20AUB | F.LARSON | | 52 | -- | 4 | 1963 | 45 | -- | S | PD | 2F | 6 | -- | 1470 |
| 149N059W21AAA | E.AAMODTT | | 48 | -- | 36 | -- | 46 | -- | S | PD | 2F | -- | -- | 1480 |
| 149N059W21CAD | USAF | | 130 | 0 | 3 | 1962 | 5 | 11-67 | U | PD | JF | -- | 9.0 | 1470 |
| 149N059W23AAC | F.CHRISTERSON | | 20 | -- | 36 | -- | 5 | -- | H | PD | 2F | -- | -- | 1320 |
| 149N059W23DA | L.GUANBECK | | 13 | 13 | 18 | -- | 7 | -- | S | 41 | 7T | -- | -- | 1340 |
| 149N059W24BCC | H.HELGELAND | | 28 | -- | 36 | -- | 26 | -- | H | 1G | 7S | 4 | -- | 1350 |
| 149N059W26ADA | W.HELGELAND | | 18 | 18 | 30 | -- | 16 | 8-67 | H | 1G | 7S | 4 | -- | 1450 |
| 149N059W28ACC | L.BURGARD | | 80 | -- | 6 | 1964 | 5 | -- | H | PD | 2F | 6 | -- | 1470 |
| 149N059W28CCC | P.BURGARD | | 17 | -- | 24 | -- | 8 | -- | K | 41 | 7T | -- | -- | 1470 |
| 149N059W29UUD | C.CLAUSON | | 108 | -- | 6 | -- | 5 | -- | S | PD | 2F | -- | -- | 1470 |
| 149N059W30UUD | A.BOE | | 12 | 10 | 4 | -- | 8 | -- | S | 41 | 8T | -- | -- | 1465 |
| 149N059W32UCC | R.SCHNIGIUSKE | | 15 | -- | 36 | -- | 10 | -- | S | 41 | 8T | -- | -- | 1450 |
| 149N059W34ADA | S.ARNESON | | 90 | -- | 6 | -- | 55 | -- | H | PD | 2F | -- | -- | 1470 |
| 149N059W35BDB | NDSWC 2984 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1470 |
| 149N059W35DAA | S.REINHART | | 28 | -- | 36 | -- | 20 | -- | S | PD | 2F | -- | -- | 1455 |
| 149N060W01BAD | D.BOE | | 11 | -- | 36 | -- | 6 | 7-68 | U | 41 | 8T | 5 | -- | 1360 |
| 149N060W02AAA | NDSWC 2987 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1457 |
| 149N060W03DAA | E.KLEFSTAD | | 92 | -- | 6 | 1951 | 15 | -- | H | PD | 2F | 6 | -- | 1465 |
| 149N060W06CAD1 | T.HALVERSON | | 108 | 118 | 4 | 1958 | 15 | -- | S | 1G | 7S | 4 | 14.0 | 1460 |
| 149N060W06CAD2 | T.HALVERSON | | 20 | 20 | 36 | -- | 13 | 8-67 | H | 1G | 7S | 5 | -- | 1460 |
| 149N060W06UUD | NDSWC 5324 | | 120 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1479 |
| 149N060W08AUC | H.FURENG | | 100 | -- | 4 | -- | 14 | -- | U | PD | 2F | 6 | 8.0 | 1460 |
| 149N060W09DDB | P.BOLKEN | | 110 | -- | 4 | 1968 | -- | -- | K | -- | -- | -- | -- | 1475 |
| 149N060W10UUB | D.BJORLIE | | 44 | 44 | 48 | -- | 11 | 8-67 | S | 41 | 8T | -- | 6.0 | 1465 |
| 149N060W13CCC | A.MUELLEK | | 58 | -- | 6 | -- | 22 | 7-68 | K | PD | 2F | 5 | -- | 1470 |
| 149N060W15ABC | USAF | | 130 | -- | 3 | 1962 | 11 | 11-62 | U | PD | 2F | -- | 6.0 | 1490 |
| 149N060W15UUD | F.STAHL | | 27 | 27 | 36 | -- | 12 | -- | K | 41 | 9T | 5 | -- | 1480 |
| 149N060W17AAA | NDSWC 2970 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1469 |
| 149N060W17BBB | NDSWC 5325 | | 160 | -- | 4 | 1949 | -- | -- | U | -- | -- | -- | -- | 1450 |
| 149N060W18BDB | NDSWC 2969 | | 80 | 1 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1463 |
| 149N060W18BDC | NDGS 38 | | 8 | 0 | 4 | 1969 | 7 | 8-69 | U | 51 | 7S | -- | -- | 1460 |
| 149N060W19CCC1 | J.HEGVIK | | 24 | 24 | 36 | -- | 16 | 8-67 | U | 41 | 8T | 4 | 6.0 | 1490 |
| 149N060W19CCC2 | J.HEGVIK | | 215 | 158 | 4 | 1968 | 20 | 9-68 | K | PD | 2F | -- | -- | 1520 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (C) | ELEVATION OF LSD (FT.) | |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-------------------|------------------------|------|
| 149N060W20A8B | I.QUAH | | 35 | -- | 24 | 1962 | 16 | -- | H | 41 | 8T | 4 | -- | 1490 | |
| 149N060W20B8B | NDGS 34 | | 15 | 0 | 4 | 1969 | 11 | 6-69 | U | 51 | 7S | -- | -- | 1460 | |
| 149N060W20B0D | NDGS 35 | | 11 | 0 | 4 | 1969 | 7 | 6-69 | U | 41 | 7T | -- | -- | 1461 | |
| 149N060W20DCC | NDSWC 5327 | | 60 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1454 | |
| 149N060W21A5A | NDSWC 5326 | | 100 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1460 | |
| 149N060W22BCC | NDGS 33 | | 15 | 0 | 4 | 1969 | 11 | 6-69 | U | 41 | 8T | -- | -- | 1470 | |
| 149N060W22CCA | T.STAHL | | 20 | 20 | 24 | 1963 | 9 | 8-67 | S | 41 | 7T | 6 | -- | 1460 | |
| 149N060W25D0D | NDSWC 2985 | | 100 | 0 | 4 | 1966 | -- | -- | U | -- | -- | -- | -- | 1450 | |
| 149N060W26CDD | O.LYSNE | | 62 | -- | 5 | 1931 | 10 | 7-31 | K | PD | 2F | -- | -- | 1494 | |
| 149N060W29CCD | NDGS 36 | | 15 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1500 | |
| 149N060W29DDD | NDSWC 2964 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1472 | |
| 149N060W31A8B | M.HANSON | | 17 | -- | 30 | -- | 7 | 7-68 | U | 41 | 7T | 4 | -- | 1450 | |
| 149N060W31C8B | NDGS 37 | | 19 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1550 | |
| 149N060W31ULD | US GOVERNMENT | | 27 | 27 | 24 | 1956 | 17 | 8-67 | S | 1G | 9S | 4 | -- | 1500 | |
| 149N060W33AAA | NDSWC 5328 | | 80 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1495 | |
| 149N060W34ACD | A.PAULSEN JR | | 16 | -- | 36 | -- | 10 | -- | H | 1G | 9S | 4 | -- | 1470 | |
| 149N060W34BCC | O.STOMME | | 34 | 35 | 24 | 1915 | 24 | 8-67 | U | 1G | 9S | 4 | 6.0 | 1500 | |
| 149N060W34JCC | NDGS 32 | | 10 | 0 | 4 | 1969 | 8 | 6-69 | U | 1G | 7S | -- | -- | 1460 | |
| 149N060W34JCD | NDGS 31 | | 8 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1460 | |
| 149N061W01LCC | M.DUNAHUE | | 192 | 60 | 4 | 1964 | 58 | 2-64 | S | PD | 2F | -- | -- | 1480 | |
| 149N061W01CCD | M.DUNAHUE | | 125 | 65 | 5 | 1939 | 50 | -- | K | PD | 2F | -- | -- | 1480 | |
| 149N061W02B0B | C.HALVERSON | | 32 | -- | 36 | -- | -- | -- | H | 41 | 8T | 5 | -- | 1475 | |
| 149N061W02LCC | NDSWC 5323 | | 202 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1485 | |
| 149N061W03B0B | NDSWC 2971 | | 220 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1460 | |
| 149N061W05AAA | NDSWC 2972 | | 320 | 240 | 237 | 1 | 1968 | 102 | 6-68 | U | 51 | 8G | 5 | 6.0 | 1476 |
| 149N061W05BAA | T.STENSON | | 199 | -- | 6 | 1950 | 100 | -- | H | 51 | 8G | 5 | -- | 1475 | |
| 149N061W05C8B | B.LUND | | 190 | -- | 6 | 1961 | 100 | -- | H | 51 | 8G | 5 | -- | 1480 | |
| 149N061W05C8C | NDSWC 5691 | | 220 | -- | 1 | 1970 | -- | -- | U | 51 | 8G | -- | -- | 1477 | |
| 149N061W050JA | C.TWETE | | 150 | -- | 6 | -- | 100 | -- | H | 51 | 8G | 4 | -- | 1475 | |
| 149N061W050JD | NDSWC 5692 | | 320 | 203 | 197 | 1 | 1970 | 103 | 7-70 | U | 51 | 8G | 4 | 9.0 | 1477 |
| 149N061W06BCC | NDGS 29 | | 13 | 0 | 4 | 1969 | 10 | 6-69 | U | 51 | 7S | -- | -- | 1470 | |
| 149N061W07ACC | USAF | | 130 | 34 | 4 | 1962 | 21 | 7-62 | U | 41 | 7P | -- | 6.0 | 1480 | |
| 149N061W070AA | SIGDAHL CHURCH | | 202 | 200 | 4 | 1968 | 110 | 11-68 | H | 51 | 4S | -- | -- | 1480 | |
| 149N061W070DJ | S.JORGENSEN | | 37 | -- | 36 | -- | 25 | 8-67 | U | 41 | 8T | 5 | 6.0 | 1490 | |
| 149N061W08AAA | T.DEEHR | | 35 | -- | 48 | -- | 18 | -- | H | 41 | 8T | 6 | -- | 1477 | |
| 149N061W10B8B | NDSWC 5693 | | 100 | 0 | 4 | 1970 | -- | -- | U | -- | -- | -- | -- | 1465 | |
| 149N061W100JA | K.TWETE | | 65 | -- | 6 | 1963 | 20 | -- | H | 51 | 9S | 4 | -- | 1480 | |
| 149N061W11LCC | NDSWC 2969 | | 240 | 200 | 197 | 1 | 1968 | 105 | 6-68 | U | 51 | 8G | 5 | 6.0 | 1480 |
| 149N061W11DDC | B.FLAAGAN | | 32 | 32 | 24 | -- | 100 | -- | S | 51 | 8G | 6 | -- | 1487 | |
| 149N061W14AAA | B.FLAAGAN | | 170 | 170 | 4 | 1962 | 106 | -- | H | 51 | 8G | 4 | -- | 1487 | |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAM-ETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPE-CIFIC CON-DUCT ANCE | TEM-PER-ATURE (°C) | ELE-VATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|------------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|-------------------------|--------------------|-------------------------|
| 149N061W1400D | N. RUDE | | 36 | -- | 30 | 1950 | 26 | 7-68 | H | 1G | 7S | 4 | -- | 1520 |
| 149N061W1508C | M. GRONAAS | | 34 | 34 | 60 | -- | 21 | 7-68 | U | 1G | 7S | 6 | -- | 1510 |
| 149N061W1500D | NDSWC 5322 | | 250 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 149N061W1608B | NDSWC 5318 | | 180 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1469 |
| 149N061W17A0D | U. RISGAARD | | 30 | -- | 36 | 1967 | 16 | -- | H | 41 | 8T | 5 | -- | 1485 |
| 149N061W18AAA | NDSWC 5370 | 200 | 103 | 97 | 1 | 1969 | 3 | 12-69 | U | 51 | 7R | 5 | -- | 1480 |
| 149N061W19BBC | NDGS 8 | | 13 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | -- |
| 149N061W20AAA | NDSWC 5319 | | 100 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1471 |
| 149N061W2000J1 | NDGS 28 | | 15 | 0 | 4 | 1969 | 10 | 6-69 | U | 51 | 7S | -- | -- | 1500 |
| 149N061W2000J2 | J. TWEED | | 20 | -- | 30 | 1933 | 16 | -- | S | 1G | 7S | 4 | -- | 1490 |
| 149N061W22A0A | A. FLAAGAN | | 44 | 45 | 48 | -- | 30 | 8-67 | U | 41 | 7T | -- | -- | 1515 |
| 149N061W23CA | I. FLAAGEN | | 2177 | 331 | 7 | 1969 | -- | -- | U | -- | -- | -- | -- | 1518 |
| 149N061W23BCD | A. FLAAGEN | | 76 | 70 | 4 | 1965 | 35 | 7-69 | S | 31 | 2S | -- | -- | 1540 |
| 149N061W23DAD | R. MESSNEK | | 89 | 85 | 4 | 1966 | 30 | 10-66 | K | 31 | 2S | -- | -- | 1540 |
| 149N061W2300D | NDSWC 5321 | 200 | 173 | 167 | 1 | 1969 | 51 | 7-69 | U | 51 | 8G | 5 | -- | 1556 |
| 149N061W2508B | H. HANSON | | 122 | -- | 6 | 1915 | 30 | -- | H | 31 | 7S | 4 | -- | 1550 |
| 149N061W2708A | W. HOYT | | 39 | -- | 36 | -- | 38 | -- | S | 31 | 7S | 4 | -- | 1530 |
| 149N061W2708C | NDGS 25 | | 15 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1550 |
| 149N061W2708D | NDGS 27 | | 15 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1550 |
| 149N061W28A0D | NDGS 26 | | 6 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1530 |
| 149N061W2808B | E. HENS RUDE | | 16 | 16 | 30 | 1950 | 12 | 8-67 | S | 31 | 9S | 4 | 6.0 | 1500 |
| 149N061W2900C | NDSWC 5320 | 260 | 78 | 75 | 1 | 1969 | 44 | 7-69 | U | 1G | 7S | 4 | 8.0 | 1536 |
| 149N061W32A0D | NDSWC 2967 | 300 | 140 | 137 | 1 | 1968 | 48 | 6-68 | U | 51 | 8G | 5 | -- | 1530 |
| 149N061W3308B | I. QUAM | | 1322 | -- | -- | 1968 | -- | -- | U | -- | -- | -- | -- | 1512 |
| 149N061W3308D | G. HAVN | | 260 | -- | 4 | 1967 | 47 | -- | H | 51 | 8G | 5 | -- | 1540 |
| 149N061W34AAA | NDSWC 2966 | 80 | 46 | 43 | 1 | 1968 | 36 | 9-68 | U | 1G | 8G | -- | -- | 1550 |
| 149N061W34C8C | T. THEED | | 59 | 59 | 48 | -- | 52 | 8-67 | U | 1G | 7S | -- | -- | 1570 |
| 149N061W36AAA | NDSWC 2965 | | 220 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 149N061W3608B | NDGS 24 | | 20 | 0 | 4 | 1969 | 18 | 6-69 | U | 51 | 7S | -- | -- | 1505 |
| 150N057W0200C | E. SMAALADEN | | 100 | -- | 6 | -- | 15 | -- | K | PD | 2F | 6 | -- | 1500 |
| 150N057W0500C | M. SOLBERG | | 30 | -- | 36 | -- | 15 | -- | U | PD | JF | -- | -- | 1505 |
| 150N057W1008B | A. SWENSON | | 35 | -- | 30 | -- | 15 | -- | K | PD | 2F | 6 | -- | 1500 |
| 150N057W14BAC | P. LYKKEN | | 24 | -- | 48 | -- | 12 | -- | S | PD | 2F | 6 | -- | 1500 |
| 150N057W16A0B | C. GEHRKE | | 50 | -- | 4 | 1964 | 25 | -- | K | PD | 2F | 5 | -- | 1500 |
| 150N057W170AD | USAF | | 130 | -- | 4 | 1962 | 9 | 10-62 | U | -- | -- | -- | 10.0 | 1500 |
| 150N057W1900D | O. ASKVIKEN | | 65 | -- | 5 | -- | 13 | 8-67 | U | PD | 2F | 6 | -- | 1510 |
| 150N057W210AD | G. GEHRKE | | 135 | -- | 4 | 1957 | 35 | -- | K | PD | 2F | 6 | -- | 1514 |
| 150N057W2300B | G. KJURVESTAD | | 24 | -- | 24 | -- | 16 | 8-67 | U | 41 | 8T | -- | -- | 1500 |
| 150N057W2608B | S. SOLVIK | | 30 | -- | 12 | -- | 20 | -- | H | 41 | 7T | 6 | -- | 1500 |
| 150N057W2700D | N. LAVANGER | | 28 | -- | 30 | -- | 12 | 8-67 | U | 41 | 7T | -- | -- | 1510 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 150N057W28BAB | R.MILLER | | 21 | -- | 24 | -- | 11 | 8-67 | U | 41 | 7T | -- | -- | 1500 |
| 150N057W2800A | M.LOCKEN | | 60 | -- | 24 | -- | 50 | -- | H | PD | 2F | 6 | -- | 1510 |
| 150N057W29AAB | J.BICHLER | | 22 | -- | 30 | -- | 11 | -- | H | 41 | 7T | 5 | -- | 1502 |
| 150N057W29UDD | NDGS 14 | | 8 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | -- |
| 150N057W32AAD | NDGS 15 | | 17 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | -- |
| 150N057W33C8C | A.MATSON | | 40 | -- | 36 | -- | 34 | -- | K | PD | 2F | 5 | -- | 1510 |
| 150N057W35B6D | A.HILLESLAND | | 32 | -- | 30 | -- | 23 | 8-67 | H | PD | 2F | 5 | -- | 1502 |
| 150N058W01CAA | C.FLOHAUG | | 35 | -- | 6 | 1948 | 30 | -- | H | PD | 2F | 6 | -- | 1520 |
| 150N058W03CCC | A.JACUBSON EST. | | 102 | -- | 5 | 1940 | 30 | 6-40 | S | PD | 2F | 5 | -- | 1530 |
| 150N058W05UUC | NDGS 11 | | 27 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | -- |
| 150N058W06DJA | E.VOLUNESS | | 60 | -- | 6 | -- | 15 | -- | H | PD | 2F | 6 | -- | 1530 |
| 150N058W07CCB | R.RISHOVD | | 53 | -- | 6 | -- | 30 | -- | S | PD | 2F | 5 | -- | 1530 |
| 150N058W08UDD | C.RINGDAHL | | 30 | -- | 24 | -- | 25 | -- | U | PD | 2F | 5 | -- | 1520 |
| 150N058W10JAA | R.HANSON | | 65 | -- | 6 | 1951 | 8 | -- | H | PD | 2F | 5 | -- | 1520 |
| 150N058W14AAA | C.HANSON | | 56 | -- | 4 | 1964 | 43 | -- | H | PD | 2F | 5 | -- | 1520 |
| 150N058W15CCC | R.SANDRE | | 110 | -- | 24 | 1930 | 60 | -- | U | PD | 2F | 5 | -- | 1520 |
| 150N058W16CDD | NDGS 16 | | 14 | 0 | 4 | 1969 | 8 | 6-69 | U | 51 | 7S | -- | -- | -- |
| 150N058W18DJA | N.NELSON | | 120 | -- | 6 | 1938 | 65 | -- | H | PD | 2F | 5 | -- | 1530 |
| 150N058W19CCC | NDSWC 5341 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 150N058W20BCC | M.QUANBECK | | 105 | -- | 6 | -- | 45 | -- | S | PD | 2F | 6 | -- | 1527 |
| 150N058W22DCD | L.HANSON | | 86 | -- | 6 | -- | 25 | -- | H | PD | 2F | 6 | -- | 1520 |
| 150N058W24BBC | O.HANSON | | 82 | -- | 6 | -- | 25 | -- | H | PD | 2F | 5 | -- | 1530 |
| 150N058W25CCB | A.KNUDSON | | 86 | -- | 5 | 1944 | 20 | -- | H | PD | 2F | 5 | -- | 1520 |
| 150N058W28AAC | E.OPHAUG | | 109 | -- | 5 | 1938 | 35 | 6-68 | S | PD | 2F | 5 | -- | 1520 |
| 150N058W30CCC | A.FLOHAUG | | 86 | -- | 24 | -- | 40 | -- | U | PD | 2F | 6 | -- | 1520 |
| 150N058W31B8B | NDSWC 5342 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1502 |
| 150N058W33CAA | L.JACOBSON | | 79 | 58 | 4 | 1966 | 40 | 7-66 | H | PD | 2F | -- | -- | 1500 |
| 150N058W34BBD | O.OPHAUG | | 90 | -- | 6 | 1950 | 35 | -- | H | PD | 2F | 6 | -- | 1520 |
| 150N059W01A8B | K.LILLCOIN | | 96 | 55 | 6 | 1961 | 25 | -- | H | PD | 2F | -- | -- | 1514 |
| 150N059W01CCA | USAF | | 132 | 0 | 4 | 1962 | 21 | 10-62 | U | PD | JF | -- | 6.0 | 1490 |
| 150N059W01DDC | R.STORLIEN | | 54 | -- | 2 | -- | 43 | -- | K | 41 | 7T | -- | -- | 1530 |
| 150N059W02CCC | NDSWC 2980 | | 100 | 1 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1502 |
| 150N059W02DCC | R.MICKELS | | 120 | -- | 6 | 1953 | 20 | -- | H | PD | 2F | 6 | -- | 1500 |
| 150N059W03CCC | S.BARKLAND | | 100 | 55 | 6 | 1962 | 18 | -- | S | PD | 2F | -- | -- | 1511 |
| 150N059W05DAA | O.AASER | | 110 | -- | 6 | -- | 50 | -- | S | PD | 2F | 6 | -- | 1510 |
| 150N059W06B8B | L.MORKEN | | 136 | -- | 4 | 1968 | 50 | -- | H | PD | 2F | 5 | -- | 1505 |
| 150N059W06L8C | M.BERG | | 85 | -- | 6 | -- | 65 | -- | S | PD | 2F | -- | -- | 1485 |
| 150N059W07AAA | NDSWC 2979 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 150N059W07UAD | G.LINDWOLF | | 80 | -- | 5 | -- | 35 | -- | S | PD | 2F | -- | -- | 1510 |
| 150N059W08CAA | J.LINDVALL | | 100 | -- | 4 | -- | 70 | -- | S | PD | 2F | -- | -- | 1530 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (° C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-------------------|------------------------|
| 150N059W09CUD | M.GRONAAS | | 150 | -- | 4 | 1930 | 35 | -- | S | PD | 2F | 5 | -- | 1520 |
| 150N059W108CD | C.CARLSON | | 75 | -- | 6 | 1944 | 25 | -- | H | PD | 2F | 6 | -- | 1510 |
| 150N059W128CB | W.BOOSTRUM | | 80 | 40 | 5 | 1963 | 20 | -- | S | PD | 2F | 5 | -- | 1510 |
| 150N059W13ADD | W.NELSON | | 20 | -- | 3 | -- | 18 | -- | H | 41 | 7T | -- | -- | 1507 |
| 150N059W14DUD | D.POLIS | | 84 | -- | 6 | 1936 | 40 | -- | K | PD | 2F | 5 | -- | 1520 |
| 150N059W15ADB | M.KNUDSON | | 61 | -- | 6 | -- | 25 | -- | S | 41 | 7T | -- | -- | 1500 |
| 150N059W15DUD | A.HJELSEGH | | 30 | -- | 36 | 1964 | 17 | -- | K | 41 | 9T | -- | -- | 1500 |
| 150N059W16UDD | P.RUUD | | 13 | -- | 36 | 1938 | 8 | -- | H | 1G | 8G | 4 | -- | 1480 |
| 150N059W168CB | E.ENGBRETSON | | 85 | -- | 24 | -- | 35 | -- | S | PD | 2F | 6 | -- | 1500 |
| 150N059W188CC | E.LANGAN | | 110 | 70 | 4 | 1967 | 35 | -- | H | 1G | 9S | 4 | -- | 1495 |
| 150N059W18C8B | NDSWC 5696 | | 80 | 0 | 4 | 1970 | -- | -- | U | -- | -- | -- | -- | 1495 |
| 150N059W198CC | NDSWC 5697 | 360 | 163 | 157 | 1 | 1970 | 85 | 7-70 | U | 51 | 8G | -- | -- | 1525 |
| 150N059W19CCG | C.MILLER | | 70 | 68 | 6 | -- | 30 | -- | U | 1G | 7S | 4 | 5.0 | 1495 |
| 150N059W19DUD1 | J.GUAM | | 44 | -- | 4 | -- | 15 | -- | H | 1G | 7S | -- | -- | 1480 |
| 150N059W19DUD2 | NDSWC 2990 | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1477 |
| 150N059W20AAA | NDSWC 2992 | 340 | 253 | 247 | 4 | 1968 | 47 | 6-68 | U | 51 | 8G | 4 | 6.0 | 1474 |
| 150N059W20C8C | D.MARTINSON | | 55 | -- | 4 | 1958 | 10 | -- | H | 1G | 7S | 4 | -- | 1480 |
| 150N059W218CC1 | NDSWC 2991 | 280 | 237 | 222 | 1 | 1968 | 4 | 0-68 | U | 51 | 8G | 5 | 6.0 | 1440 |
| 150N059W218CC2 | NDSWC 2991 | 280 | 70 | 67 | 1 | 1968 | 4 | 0-68 | U | 1G | -- | 4 | 6.0 | 1440 |
| 150N059W21CCC | T.PERSON | | 9 | -- | 6 | 1946 | 6 | -- | H | 1G | 8G | 4 | -- | 1440 |
| 150N059W24DAA1 | R.LOFTHUS | | 90 | -- | 5 | 1939 | 27 | -- | S | PD | 2F | -- | -- | 1510 |
| 150N059W24DAA2 | R.LOFTHUS | | 48 | -- | 5 | 1956 | 20 | -- | H | PD | 2F | 4 | -- | 1510 |
| 150N059W2688B | NDSWC 2981 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1485 |
| 150N059W27AUD | J.BERTHOLD | | 12 | -- | 2 | 1961 | 10 | -- | K | 1G | 7S | 4 | -- | 1480 |
| 150N059W27CCG | NDSWC 5338 | 260 | 83 | 77 | 1 | 1969 | 6 | 11-70 | U | 1G | 7S | -- | -- | 1438 |
| 150N059W27CDD | NDSWC 5337 | 280 | 143 | 137 | 1 | 1969 | 27 | 11-70 | U | 1G | 7R | 3 | 7.0 | 1460 |
| 150N059W28ABD | USAF | | 100 | -- | 4 | 1962 | 9 | 11-62 | U | 1G | 2S | -- | -- | 1447 |
| 150N059W28CCG | J.SWANSTON | | 125 | -- | 4 | 1964 | 85 | -- | H | PD | 2F | 7 | -- | 1475 |
| 150N059W28CUD | NDSWC 5339 | | 40 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1465 |
| 150N059W29CCG | J.SWANSTON | | 100 | -- | 4 | 1958 | 85 | -- | K | PD | 2F | 6 | -- | 1465 |
| 150N059W30DAA | L.LARSON | | 60 | -- | 6 | -- | 12 | -- | H | PD | 2F | -- | -- | 1465 |
| 150N059W31AAA | NDSWC 5330 | | 40 | -- | 4 | 1963 | -- | -- | U | -- | -- | -- | -- | 1463 |
| 150N059W32CGD | S.LARSON | | 60 | -- | 6 | 1908 | 14 | -- | K | PD | 2F | 6 | -- | 1460 |
| 150N059W32UDC | B.SATEREN | | 70 | -- | 6 | -- | 9 | 7-68 | S | PD | 2F | 6 | -- | 1470 |
| 150N059W33LDC | R.MACMILLAN | | 80 | -- | 5 | -- | 20 | -- | S | PD | 2F | -- | -- | 1475 |
| 150N059W34AAA | NDSWC 5340 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1473 |
| 150N059W34CAC | R.MACMILLAN | | 110 | -- | 5 | 1963 | 30 | -- | K | 51 | 7G | 3 | -- | 1450 |
| 150N059W35BCC | MCVILLE | | 149 | 130 | 6 | 1948 | 15 | 9-48 | P | 31 | 2S | -- | -- | 1467 |
| 150N059W35C8A | MCVILLE | | 145 | 135 | 5 | 1939 | 53 | -- | P | 1G | 2S | -- | -- | 1465 |
| 150N059W36DBB | W.SELMER | | 55 | -- | 6 | 1950 | 20 | -- | H | PD | 2F | 5 | -- | 1540 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-------------------|------------------------|
| 150N060W01AAB | W.ROGNESS | | 60 | -- | 6 | -- | 20 | -- | S | PD | 2F | -- | -- | 1490 |
| 150N060W02BBB | USAF | | 37 | -- | -- | 1967 | -- | -- | U | -- | -- | -- | -- | 1470 |
| 150N060W02CCC | NDSWC 2978 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1487 |
| 150N060W03AAD | L.JOHNSON | | 80 | -- | 4 | 1964 | 50 | -- | H | PD | 2F | 5 | -- | 1470 |
| 150N060W05BBB | NDSWC 5351 | 286 | 123 | 117 | 1 | 1969 | 19 | 11-69 | U | 51 | 7R | 4 | 7.0 | 1457 |
| 150N060W05CCC | O.AMLIE | | 44 | -- | 6 | -- | -- | -- | S | 1G | 2S | -- | -- | 1490 |
| 150N060W07AAC1 | H.TURCOTTE | | 85 | -- | 5 | -- | 50 | -- | S | 1G | 2S | 4 | -- | 1485 |
| 150N060W07AAC2 | H.TURCOTTE | | 50 | -- | 36 | -- | -- | -- | S | 1G | 2S | 4 | -- | 1485 |
| 150N060W09A00 | B.ENSURD | | 74 | -- | 6 | -- | 54 | -- | S | 51 | 2S | -- | -- | 1495 |
| 150N060W09CCC | NDSWC 5694 | 160 | 100 | 97 | 1 | 1970 | 35 | 7-70 | U | 51 | 8G | -- | -- | 1484 |
| 150N060W09C00 | L.MORKEN | | 80 | 80 | 5 | 1966 | 67 | -- | S | 51 | 2S | 4 | -- | 1485 |
| 150N060W09C00 | B.ENSURD | | 100 | -- | 6 | 1957 | -- | -- | H | 51 | 2S | 3 | -- | 1480 |
| 150N060W09C00 | NDSWC 2977 | 340 | 220 | 217 | 1 | 1968 | 35 | 9-68 | U | 51 | 8G | 4 | 9.0 | 1483 |
| 150N060W11A0C1 | P.ENSURD | | 150 | -- | 6 | -- | 34 | -- | S | 51 | 2S | -- | -- | 1485 |
| 150N060W11A0C2 | P.ENSURD | | 38 | -- | 24 | 1963 | 28 | -- | K | 51 | 2S | 5 | -- | 1485 |
| 150N060W12BAD | E.TANGEN | | 38 | -- | 36 | -- | 34 | 8-67 | S | 51 | 2S | 4 | -- | 1475 |
| 150N060W12D00 | NDSWC 5348 | 60 | 30 | 27 | 1 | 1969 | 5 | 11-69 | U | 51 | 7R | -- | -- | 1448 |
| 150N060W15AAA | NDSWC 5347 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1490 |
| 150N060W15AAB | C.RUUD | | 90 | -- | 6 | -- | 60 | -- | S | PD | 2F | -- | -- | 1485 |
| 150N060W15DAA | NDSWC 5695 | 340 | 163 | 157 | 1 | 1970 | 50 | 7-70 | U | 51 | 8G | -- | -- | 1487 |
| 150N060W17BAB | S.JOHNSON | | 95 | -- | 6 | -- | 40 | -- | H | 51 | 7S | 3 | -- | 1485 |
| 150N060W17CCC | NDSWC 2975 | 140 | 77 | 74 | 1 | 1968 | 46 | 9-68 | U | 1G | 8G | 4 | 11.0 | 1475 |
| 150N060W19A00 | NOGS 39 | | 10 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1425 |
| 150N060W20CCB | C.PAULSON | | 12 | -- | 36 | -- | 10 | -- | H | 21 | 7S | -- | -- | 1415 |
| 150N060W20D00 | L.ENSURD | | 67 | -- | 8 | -- | 14 | 8-67 | U | PD | 2F | 6 | -- | 1400 |
| 150N060W21CCC | F.HURTHOLD | | 120 | -- | 6 | 1957 | 50 | -- | K | PD | 2F | 4 | -- | 1475 |
| 150N060W22AAA | NDSWC 5346 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1482 |
| 150N060W22C00 | ELSAAS STORE | | 46 | -- | 5 | 1966 | 45 | -- | C | 41 | 7P | -- | -- | 1468 |
| 150N060W23AAA | F.OLSON | | 65 | -- | 6 | -- | 40 | -- | S | 51 | 2S | 4 | -- | 1515 |
| 150N060W23CCC | NDSWC 5345 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1485 |
| 150N060W24AAA | NDSWC 5349 | 200 | 103 | 97 | 1 | 1969 | 54 | 11-69 | U | 51 | 7S | -- | -- | 1489 |
| 150N060W24ACB | M.ENSURD | | 108 | -- | 6 | -- | 70 | -- | S | 51 | 7S | -- | -- | 1485 |
| 150N060W24CCC | NDSWC 2988 | 140 | 77 | 67 | 1 | 1968 | 54 | 6-68 | U | 51 | 8G | 5 | 13.0 | 1494 |
| 150N060W25AAA | NDSWC 2989 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1470 |
| 150N060W260BB | M.ENSTAD | | 22 | -- | 3 | -- | 16 | -- | S | 31 | 7S | -- | -- | 1450 |
| 150N060W27BBB | A.ABJEM | | 80 | -- | 6 | 1948 | 20 | -- | H | 31 | 7S | 4 | -- | 1465 |
| 150N060W27CAC | A.KLING | | 20 | -- | 24 | -- | 15 | -- | U | 31 | 7S | 4 | -- | 1445 |
| 150N060W28CBB | NDSWC 5369 | | 80 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1385 |
| 150N060W28CCB | NOGS 40 | | 10 | 0 | 4 | 1969 | 8 | 6-69 | U | 1G | 7R | -- | -- | 1425 |
| 150N060W29BCA | O.BREKKEN | | 18 | -- | 24 | -- | 14 | -- | K | 1G | 7S | 3 | -- | 1405 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (° C) | ELEVATION OF L.S.D (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-------------------|--------------------------|
| 150N060W30DBB | L.PETERSON | | 16 | -- | 36 | -- | 6 | -- | H | PD | 2F | -- | -- | 1375 |
| 150N060W32CDD | M.HALVORSON | | 26 | 26 | 24 | 1961 | 14 | -- | H | PD | 2F | 6 | 12.0 | 1520 |
| 150N060W33C0C1 | L.GJOVIK | | 72 | -- | 4 | 1967 | 17 | -- | H | PD | 2F | 6 | -- | 1370 |
| 150N060W35B8B | NDSWC 5329 | | 40 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1456 |
| 150N061W0288B | USBR | | 12 | -- | 3 | 1952 | 5 | 6-68 | U | 1G | 2S | -- | -- | 1459 |
| 150N061W03AAA1 | S.HALVORSON | | 30 | -- | 42 | -- | 7 | -- | H | 1G | 2S | 4 | -- | 1455 |
| 150N061W03AAA2 | S.HALVORSON | | 68 | -- | 60 | -- | 5 | -- | K | 1G | 2S | -- | -- | 1455 |
| 150N061W03DUD | H.FORDE | | 34 | -- | 26 | -- | 14 | -- | S | 1G | 2S | -- | -- | 1455 |
| 150N061W04CDA | E.SNRJTLAND | | 131 | 125 | 5 | 1963 | 90 | -- | S | 5L | 7S | 6 | -- | 1460 |
| 150N061W05DUD | NDSWC 2997 | 200 | 170 | 167 | 1 | 1968 | 34 | 6-68 | U | 5L | 8G | -- | -- | 1457 |
| 150N061W0688B | NDSWC 5363 | 320 | 203 | 197 | 1 | 1967 | 11 | 11-69 | U | 5L | 7R | -- | -- | 1466 |
| 150N061W068UD | NDSWC 5547 | | 280 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1455 |
| 150N061W06DUD | I.LOFTNUS | | 10 | 10 | 36 | 1920 | 8 | -- | S | 1G | 7S | 4 | 8.0 | 1460 |
| 150N061W078CB | V.BEAUCHANE | | 10 | -- | 2 | -- | 6 | -- | K | 1G | 7S | 4 | -- | 1470 |
| 150N061W0888A | USAF | | 130 | 40 | 6 | 1962 | 4 | 11-62 | U | 1G | 2S | -- | 7.0 | 1460 |
| 150N061W09AAB | TCLNA | | 86 | -- | -- | 1959 | 33 | -- | P | 5L | 8G | -- | -- | 1465 |
| 150N061W09ABA | TCLNA | | 186 | -- | -- | 1959 | 33 | -- | P | 5L | 8G | -- | -- | 1465 |
| 150N061W09AUD | V.KNAUSS | | 65 | -- | 6 | -- | 5 | -- | H | 1G | 2S | 4 | -- | 1465 |
| 150N061W1088B | NDGS 30 | | 10 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1461 |
| 150N061W10CCC | NDSWC 5367 | 180 | 60 | 57 | 1 | 1969 | 10 | 11-69 | U | 5L | 7R | 6 | 6.0 | 1467 |
| 150N061W10DDC | K.DAKKEN | | 200 | -- | 4 | 1964 | 5 | -- | U | PD | 2F | -- | -- | 1460 |
| 150N061W1188C | PEKIN SCH DIST | | 120 | -- | 5 | 1951 | 8 | -- | T | PD | 2F | -- | -- | 1458 |
| 150N061W1288D | E.LUEHRING | | 120 | -- | 5 | 1939 | -- | -- | S | PD | 2F | -- | -- | 1456 |
| 150N061W14C8B | G.DAKKEN | | 10 | 11 | 36 | 1945 | 8 | -- | U | 1G | 2S | 4 | 10.0 | 1460 |
| 150N061W14D8A | NDSWC 5368 | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1460 |
| 150N061W1588B | N.RUDE | | 185 | 180 | 4 | -- | 15 | -- | S | PD | 2F | -- | -- | 1465 |
| 150N061W15D8A | NDSWC 2974 | | 160 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1460 |
| 150N061W17D8D | NDSWC 5365 | 200 | 183 | 177 | 1 | 1969 | 80 | 11-69 | U | 5L | 7R | -- | -- | 1470 |
| 150N061W1888B | NDSWC 5364 | | 300 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1460 |
| 150N061W18D8D | R.HALVORSON | | 180 | -- | 6 | 1960 | 60 | -- | H | PD | 2F | 5 | -- | 1465 |
| 150N061W1988B | NDSWC 5690 | 300 | 181 | 175 | 1 | 1970 | 91 | 7-70 | U | 5L | 8G | -- | -- | 1463 |
| 150N061W21D8D | O.TWETE | | 140 | -- | 4 | -- | 60 | -- | S | PD | 2F | -- | -- | 1455 |
| 150N061W226CB | E.BURNS | | 186 | -- | 4 | 1958 | 60 | -- | H | PD | 2F | 5 | -- | 1470 |
| 150N061W24AAD | U.JOHNSON | | 26 | -- | 36 | -- | 16 | -- | S | 1G | 2S | 5 | -- | 1445 |
| 150N061W25UCC | R.HALVORSON | | 100 | 95 | 5 | 1935 | 50 | -- | H | PD | 2F | 5 | -- | 1460 |
| 150N061W25DUD | NDSWC 2976 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1460 |
| 150N061W26C0C | F.HALVORSON | | 219 | -- | 4 | -- | 50 | -- | S | 0L | 2S | -- | -- | 1470 |
| 150N061W26DUD | L.BURKE | | 85 | 83 | 5 | 1939 | 30 | -- | K | 1G | 7S | -- | -- | 1465 |
| 150N061W27UCD | N.GVERBY | | 70 | -- | 4 | -- | 7 | -- | H | 1G | 2S | -- | -- | 1375 |
| 150N061W28AAA | NDSWC 5366 | 200 | 160 | 157 | 1 | 1969 | 82 | 8-69 | U | 5L | 7R | 5 | 8.0 | 1450 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-----------------|------------------------|
| 151N061W28CCA | R. HALVORSON | | 102 | -- | 5 | 1931 | 30 | 9-31 | Z | PD | 2F | -- | -- | 1385 |
| 151N061W29A0D | T. HALVORSON | | 22 | 22 | 36 | -- | 14 | 8-67 | S | IG | 7S | 5 | 11.0 | 1465 |
| 151N061W2900A | P. STENSON | | 167 | 162 | 4 | -- | 90 | -- | S | 51 | 7S | -- | -- | 1455 |
| 151N061W29CCD | M. RESMAN | | 144 | 142 | 4 | -- | 40 | -- | H | 51 | 7S | -- | -- | 1430 |
| 151N061W30ABB | NDSWC 2973 | 380 | 240 | 237 | 1 | 1968 | 88 | 6-68 | U | 51 | 8G | 5 | 10.0 | 1465 |
| 151N061W31CAD | G. HUVESKELAND | | 101 | -- | 5 | 1938 | -- | -- | U | 41 | 8T | -- | -- | 1465 |
| 151N061W31CDA | G. HUVESKELAND | | 30 | 30 | 36 | -- | 12 | -- | S | 1G | 2S | 6 | -- | 1465 |
| 151N061W3300C | O. FLAAGAN | | 19 | 19 | 36 | 1898 | 11 | 8-67 | H | 1G | 2S | 5 | -- | 1470 |
| 151N061W350CC | L. FLAAGAN | | 28 | -- | 36 | -- | 15 | 8-67 | U | 1G | 2S | -- | -- | 1480 |
| 151N061W36AAC | USAF | | 130 | -- | 4 | 1962 | 10 | 11-62 | U | PD | JF | -- | 8.0 | 1460 |
| 151N057W0100B | H. PAULSON | | 113 | 72 | 4 | 1961 | 90 | -- | S | PD | 2F | -- | -- | -- |
| 151N057W0100D | NDGS 13 | | 18 | 0 | 4 | 1969 | 17 | 6-69 | U | 51 | 7S | -- | -- | -- |
| 151N057W0300B | D. PETERSON | | 110 | 62 | 4 | -- | 20 | -- | H | PD | 2F | -- | -- | -- |
| 151N057W0400B | D. GILBERTSON | | 90 | -- | 4 | -- | 20 | -- | H | PD | 2F | -- | -- | -- |
| 151N057W0400C | G. GILBERTSON | | 100 | 60 | 6 | -- | -- | -- | K | -- | -- | 6 | -- | -- |
| 151N057W0500B | R. LANDEIS | | 160 | -- | 6 | -- | 30 | -- | S | -- | -- | -- | -- | -- |
| 151N057W0600A | C. REITEN | | 100 | -- | 6 | -- | 30 | -- | S | -- | -- | 6 | -- | -- |
| 151N057W0700A | D. PETERSON | | 67 | -- | 6 | -- | 46 | -- | S | -- | -- | -- | -- | -- |
| 151N057W0800B | R. SEAR | | 107 | -- | 6 | -- | 15 | -- | S | -- | -- | 5 | -- | -- |
| 151N057W0800C | P. PETERSON | | 38 | -- | 24 | -- | 32 | -- | S | -- | -- | 5 | -- | -- |
| 151N057W0900C | G. MAGNUS | | 80 | -- | 5 | -- | 40 | -- | S | -- | -- | -- | -- | -- |
| 151N057W0900A | S. HANSON | | 80 | -- | 05 | -- | 40 | -- | K | -- | -- | -- | -- | -- |
| 151N057W1100A | D. SOLSENG | | 80 | -- | 36 | -- | 50 | -- | S | -- | -- | 6 | -- | -- |
| 151N057W1100 | I. SOLSENG | | 1102 | -- | -- | 1968 | -- | -- | U | -- | -- | -- | -- | -- |
| 151N057W1400B | J. WIXO | | 35 | -- | 36 | -- | 5 | -- | S | -- | -- | -- | -- | -- |
| 151N057W1400C | J. WIXO | | 110 | 60 | 6 | 1960 | 50 | -- | H | PD | 2F | 7 | -- | -- |
| 151N057W1600A | USAF | | 130 | 0 | 4 | 1962 | 15 | 3-62 | U | -- | -- | -- | 6.0 | 1490 |
| 151N057W1900A | NDGS 12 | | 10 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | -- |
| 151N057W2000B | W. HORTJIS I | | 100 | -- | 6 | -- | 15 | -- | S | -- | -- | 5 | -- | -- |
| 151N057W2000C | R. SEARS | | 95 | -- | 5 | -- | 27 | -- | S | -- | -- | 5 | -- | -- |
| 151N057W2200A | L. BORGES | | 82 | -- | 6 | -- | 40 | -- | H | -- | -- | -- | -- | -- |
| 151N057W2300D | G. GILBERTSON | | 34 | 34 | 6 | -- | 15 | -- | U | -- | -- | -- | -- | -- |
| 151N057W2300B | G. GILBERTSON | | 110 | 20 | 6 | -- | 20 | -- | S | PD | 2F | 6 | -- | -- |
| 151N057W2400A | D. OLSON | | 28 | -- | 24 | -- | 14 | -- | S | -- | -- | -- | -- | -- |
| 151N057W2500A | A. LARSON | | 99 | -- | 6 | -- | -- | -- | K | -- | -- | 7 | -- | -- |
| 151N057W2600C | P. PEDERSON | | 110 | -- | 05 | -- | 70 | -- | S | -- | -- | -- | -- | 1490 |
| 151N057W2600D | P. RUP | | 60 | -- | 5 | -- | 40 | -- | H | -- | -- | -- | -- | 1490 |
| 151N057W2600A | J. ASSEN | | 128 | -- | 6 | -- | 70 | -- | S | -- | -- | -- | -- | 1490 |
| 151N057W2700A | E. MICKELS | | 110 | -- | 5 | -- | 75 | -- | H | PD | 2F | -- | -- | -- |
| 151N057W2800A | USAF | | 130 | 0 | 4 | 1962 | 10 | 11-62 | U | -- | -- | -- | 6.0 | 1500 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 151N057W29AAA | I RIETEN | | 800 | -- | -- | -- | -- | -- | U | -- | -- | -- | -- | -- |
| 151N057W29DBB | E.MYER | | 108 | -- | 5 | -- | 80 | -- | S | PD | 2F | -- | -- | 1500 |
| 151N057W31AUA | N.MEYER | | 25 | -- | 3 | -- | 20 | -- | S | PD | 2F | 6 | -- | 1500 |
| 151N057W31CDA | G.OPHAUG | | 108 | -- | 6 | -- | 80 | -- | H | PD | 2F | 5 | -- | 1500 |
| 151N057W34DCA | ODEGAARD BRUS | | 135 | -- | 6 | -- | 90 | -- | S | PD | 2F | -- | -- | 1500 |
| 151N057W35DUC | B.SCHMICHEL | | 30 | -- | 28 | -- | 15 | -- | S | 41 | 7T | -- | -- | 1500 |
| 151N057W36DCC | L.LARSON | | 134 | 92 | 4 | 1963 | 65 | -- | S | PD | 2F | -- | -- | 1475 |
| 151N058W04AAA | H.SCHMIDT | | 165 | -- | 6 | -- | 25 | -- | K | PD | 2F | -- | -- | 1520 |
| 151N058W04UCA | USGS 52 | | 25 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 151N058W05BAB | USGS 50 | | 40 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 151N058W05JDU | USGS 51 | | 52 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 151N058W06AAA | USGS 19 | | 55 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 151N058W06BAA | R.ELVICK | | 90 | -- | 6 | 1920 | 20 | -- | K | PD | 2F | 5 | -- | -- |
| 151N058W06DAA | USGS 20 | | 60 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 151N058W06DAD | G.KJORSVIK | | 138 | -- | 6 | 1938 | 12 | -- | S | PD | 2F | 7 | 7.0 | -- |
| 151N058W07AAA | USGS 21 | | 115 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 151N058W07ADD | USGS 22 | | 65 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 151N058W07CDD | NUSMC 5372 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 151N058W07DAA | B.SWENSETH | | 26 | 26 | 18 | 1906 | 16 | 7-68 | S | 41 | 7T | 5 | 9.0 | -- |
| 151N058W10DUA | P.SEVERSON | | 100 | -- | 6 | -- | 20 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W11BCC | USAF | | 130 | 0 | 4 | 1962 | 14 | 3-62 | U | PD | 2F | -- | 5.0 | 1500 |
| 151N058W12DCC | E.SCHMIDT | | 102 | -- | 5 | 1950 | 20 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W14ACB | B.JOHNSON | | 18 | -- | 2 | -- | 8 | -- | K | 41 | 7T | -- | -- | -- |
| 151N058W15ABC | U.JOHNSON | | 128 | -- | 6 | -- | 25 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W16DBB | H.SCHMIDT | | 140 | -- | 6 | -- | 20 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W17ABB | G.GRVIK | | 124 | -- | 6 | -- | 70 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W19DBB | D.GRVIK | | 120 | -- | 6 | -- | 25 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W20DUC | I.GRVIK | | 100 | -- | 6 | -- | 25 | -- | H | PD | 2F | -- | -- | -- |
| 151N058W23CCC | N.PETERSON | | 110 | -- | 6 | -- | 25 | -- | H | PD | 2F | -- | -- | 1500 |
| 151N058W23CDA | USAF | | 130 | -- | 4 | 1962 | 12 | 2-63 | U | PD | JF | -- | 5.0 | 1500 |
| 151N058W26DAA | G.THOMPSON | | 115 | 50 | 6 | 1946 | 60 | -- | K | PD | 2F | -- | -- | -- |
| 151N058W29DBA | G.GRVIK | | 120 | -- | 6 | 1910 | 30 | -- | H | PD | 2F | -- | -- | -- |
| 151N058W31DBC | O.LILLEION | | 110 | -- | 6 | 1930 | 36 | -- | H | PD | 2F | -- | -- | -- |
| 151N058W32AAA | T.OPHAUG | | 70 | -- | 6 | -- | 35 | -- | H | PD | 2F | -- | -- | -- |
| 151N058W33CCC | A.OPHAUG | | 100 | -- | 6 | 1916 | 40 | -- | H | PD | 2F | 6 | -- | 1530 |
| 151N058W35AAA1 | E.MONSEBRATEN | | 21 | -- | 30 | -- | 14 | -- | H | 41 | 7T | -- | -- | -- |
| 151N058W35AAA2 | E.MONSEBRATEN | | 18 | -- | 24 | -- | 12 | -- | S | 41 | 7T | -- | -- | -- |
| 151N058W36CCB | O.HOVUE | | 110 | -- | 6 | -- | 50 | -- | H | PD | 2F | -- | -- | -- |
| 151N059W02CCC | L.SIMONS | | 100 | -- | 5 | -- | 35 | 8-68 | K | PD | 2F | 5 | -- | -- |
| 151N059W03ABB | C.BUNDE | | 17 | -- | 30 | -- | 17 | 8-68 | U | 41 | 7T | -- | -- | -- |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 151N059W03DDC | USGS 49 | | 57 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 151N059W04DCC1 | B. SATEREN | | 65 | -- | 4 | 1956 | 15 | -- | H | PD | 2F | 5 | -- | -- |
| 151N059W04DCC2 | B. SATEREN | | 15 | -- | 24 | -- | 6 | 8-68 | S | 41 | 7T | 6 | 7.0 | -- |
| 151N059W05BdB | NDSMC 5013 | | 120 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 151N059W05CLA | A. MENGE | | 20 | -- | 18 | -- | 13 | -- | U | -- | -- | -- | -- | -- |
| 151N059W07DCA1 | P. FRANZEN | | 29 | -- | | | | | | | | | | |
| 151N059W07DCA2 | P. FRANZEN | | 75 | -- | 30 | 1934 | 10 | 8-68 | S | -- | -- | 6 | 7.0 | -- |
| 151N059W08ABD | O. SEVERSON | | 95 | -- | 5 | -- | 22 | -- | H | -- | -- | 5 | 8.0 | -- |
| 151N059W08BBD | B. FRANZEN | | 90 | -- | 4 | -- | -- | -- | K | -- | -- | 4 | -- | -- |
| 151N059W09CAC | H. NELSON | | 125 | -- | 4 | 1953 | 12 | -- | K | -- | -- | 6 | 8.0 | -- |
| 151N059W09DCC1 | H. RUDD | | 130 | -- | 5 | -- | 35 | -- | H | -- | -- | 5 | -- | -- |
| 151N059W09DCC2 | H. RUDD | | 43 | -- | 18 | -- | 19 | 8-68 | S | -- | -- | 5 | -- | -- |
| 151N059W10ADC1 | P. SEVERSON | | 119 | -- | 5 | 1944 | 20 | -- | H | -- | -- | -- | -- | -- |
| 151N059W10ADC2 | P. SEVERSON | | 145 | -- | 6 | 1913 | 20 | -- | S | -- | -- | 5 | 7.0 | -- |
| 151N059W10CAD1 | H. RUDD | | 14 | -- | 12 | 1966 | 11 | 8-68 | H | -- | -- | 4 | -- | -- |
| 151N059W10CAD2 | H. RUDD | | 15 | -- | 24 | -- | 8 | -- | K | -- | -- | 5 | 8.0 | -- |
| 151N059W11BDD | O. BERG | | 140 | -- | 6 | 1916 | 60 | -- | K | -- | -- | 5 | -- | -- |
| 151N059W11CDD | USAF | | 130 | 0 | 4 | 1962 | 38 | 4-62 | U | PD | 2F | -- | 6.0 | 1500 |
| 151N059W11DDB | R. L. INOVAL | | -- | -- | 5 | -- | -- | -- | U | -- | -- | 5 | 9.0 | -- |
| 151N059W12CCC | S. SMAAGE | | -- | -- | 5 | -- | -- | -- | S | -- | -- | 5 | 10.0 | -- |
| 151N059W12CDD | NDGS 9 | | 27 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | -- |
| 151N059W14DCC | W. BUNDE | | 120 | -- | 6 | -- | 60 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W16DUC | G. BURKLAND | | 72 | -- | 6 | -- | 50 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W18BAB | E. JORDE | | 100 | -- | 5 | -- | 60 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W20ABD | F. JOHNSON | | 118 | -- | 6 | -- | 40 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W20BBB1 | A. SATEREN | | 57 | 35 | 6 | 1965 | 20 | -- | H | PD | 2F | 4 | -- | -- |
| 151N059W20BBB2 | A. SATEREN | | 37 | -- | 3 | -- | 12 | -- | S | 41 | 7T | -- | -- | -- |
| 151N059W21BDC | R. KNUTSON | | 110 | -- | 5 | -- | 60 | -- | H | PD | 2F | -- | -- | -- |
| 151N059W22BDB | K. BONDE | | 40 | -- | 20 | -- | 20 | -- | K | 41 | 7T | -- | -- | -- |
| 151N059W23DCC | P. BUNDE | | 87 | -- | 5 | 1962 | 55 | -- | H | P2 | 2F | -- | -- | -- |
| 151N059W24BDC | L. HALLIN | | 120 | -- | 5 | -- | 15 | -- | H | PD | 2F | -- | -- | -- |
| 151N059W24DCC | V. HENDRICKSON | | 27 | -- | 30 | -- | 8 | -- | K | 41 | 7T | -- | -- | -- |
| 151N059W24DDD | NDGS 10 | | 10 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | -- |
| 151N059W25BCD | O. GILSON | | 100 | -- | 5 | -- | 50 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W27BAB | E. BERG | | 100 | -- | 6 | -- | 80 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W28BBB | H. STYNE | | 110 | -- | 5 | -- | 30 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W28CCD | E. LARSON | | 108 | -- | 6 | -- | 40 | -- | K | PD | 2F | -- | -- | -- |
| 151N059W30AAA | M. SATEREN | | 32 | -- | 4 | -- | 14 | -- | S | 41 | 7T | -- | -- | -- |
| 151N059W30AAB | E. SATEREN | | 20 | -- | 2 | -- | 10 | -- | K | 41 | 7T | -- | -- | -- |
| 151N059W30AAA | M. SATEREN | | 110 | -- | 6 | 1950 | 20 | -- | H | -- | -- | 5 | -- | -- |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 151N059W31AAA | A. SOMMERFIELD | | 80 | -- | 6 | -- | 15 | -- | H | PD | 2F | -- | -- | -- |
| 151N059W31BDD | A. AASEN | | 110 | 55 | 5 | 1931 | 30 | -- | K | PD | 2F | -- | -- | 1510 |
| 151N059W35UJC | A. ULSON | | 45 | -- | 5 | -- | 30 | -- | K | PD | 2F | -- | -- | -- |
| 151N060W03BCC1 | L. FERRY | | 100 | -- | 5 | -- | 25 | -- | H | PD | 2F | 5 | -- | 1500 |
| 151N060W03BCC2 | L. FERRY | | 110 | -- | 5 | -- | 25 | -- | U | PD | 2F | 5 | -- | 1500 |
| 151N060W03CCB | A. FERRY | | 140 | -- | 5 | -- | 20 | -- | S | PD | 2F | 5 | -- | 1500 |
| 151N060W04UAD | USAF | | 130 | 0 | 4 | 1962 | 18 | 4-62 | U | PD | 2F | -- | 5.0 | 1501 |
| 151N060W05U8D | NDGS No | | 37 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1650 |
| 151N060W06U8B | J. GERITZ | | 45 | -- | 8 | 1938 | 25 | -- | H | PD | 2F | -- | -- | -- |
| 151N060W06U8B | NDSWC 5352 | 180 | 143 | 137 | 1 | 1969 | +7 | 7-69 | U | 51 | 7R | -- | -- | 1400 |
| 151N060W07BUD | I. GERTZ | | 2763 | 182 | 7 | 1969 | -- | -- | U | -- | -- | -- | -- | 1469 |
| 151N060W06AAA | M. WISHART | | 165 | -- | 5 | -- | -- | -- | K | PD | 2F | -- | -- | -- |
| 151N060W07U8B | A. THAL EST | | 100 | -- | 6 | -- | 28 | -- | U | PD | JF | -- | -- | 1493 |
| 151N060W08AAA | W. CAMPBELL | | 140 | -- | 5 | 1949 | 70 | 9-49 | K | PD | JF | 6 | -- | -- |
| 151N060W09C6C | W. SWENSON | | 65 | -- | 5 | -- | 20 | -- | H | PD | 2F | 5 | -- | 1500 |
| 151N060W10U0C1 | W. SWENSON | | 19 | 19 | 24 | -- | 12 | 8-68 | S | 41 | 7T | 6 | 7.0 | 1500 |
| 151N060W10C0C2 | W. SWENSON | | | | | | | | | | | | | |
| 151N060W11UCC | M. MORKEN | | 37 | -- | 4 | -- | 17 | 8-68 | U | 41 | 7T | -- | -- | 1505 |
| 151N060W12U0D | NDSWC 5014 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1480 |
| 151N060W14C3D | NDGS 41 | | 25 | 0 | 4 | 1969 | 16 | 6-69 | U | 1G | 7S | -- | -- | 1480 |
| 151N060W17BAA | O. SUNDEEN | | 92 | -- | 6 | -- | 32 | -- | H | PD | JF | 5 | -- | 1450 |
| 151N060W25CCA | NDSWC 5371 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1415 |
| 151N060W23UAD | L. BURKLAND | | 95 | -- | 6 | -- | 30 | -- | K | PD | JF | 4 | -- | 1490 |
| 151N060W24B8B | NDGS 42 | | 35 | 0 | 4 | 1969 | 31 | 6-69 | U | 51 | 7S | -- | -- | 1472 |
| 151N060W26CCC | C. MORKEN | | 48 | 48 | 5 | 1920 | 15 | -- | S | PD | JF | 5 | -- | 1475 |
| 151N060W27C0B | C. MORKEN | | 90 | -- | 5 | -- | 20 | -- | S | PU | 2F | -- | -- | 1450 |
| 151N060W28A6A | E. ELGIN | | 160 | -- | 4 | 1963 | 20 | -- | S | PD | JF | 5 | -- | 1455 |
| 151N060W30U0D | K. SCHULTZ | | 104 | -- | 6 | 1910 | 50 | -- | H | 31 | 2R | 5 | -- | 1450 |
| 151N060W32UAA | K. BREKKEN | | 90 | -- | 6 | 1967 | 45 | -- | K | 31 | 2S | 5 | -- | 1460 |
| 151N060W32UAD | K. BREKKEN | | 100 | -- | 5 | -- | 40 | -- | S | 31 | 2S | 5 | -- | 1460 |
| 151N060W33C0D | NDSWC 5350 | | 40 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1475 |
| 151N060W34UCC | J. ENSRUD | | 118 | -- | 6 | 1958 | 65 | -- | H | 31 | 4S | 5 | -- | 1485 |
| 151N060W35B8B | H. MORKEN | | 90 | -- | 6 | -- | -- | -- | H | PD | 2F | 5 | -- | 1485 |
| 151N060W35C0C | P. MORKEN | | 32 | -- | 6 | -- | 10 | 9-67 | U | PD | JF | 5 | 6.0 | 1476 |
| 151N060W35C0D | USAF | | 47 | 38 | 1 | 1967 | 16 | 10-67 | U | PD | 2F | 4 | 9.0 | 1475 |
| 151N060W35UAC1 | USAF | | 47 | 43 | 1 | 1967 | 16 | 10-67 | U | PD | 2F | 4 | 9.0 | 1477 |
| 151N060W35UAC2 | USAF | | 1320 | 1146 | 7 | 1963 | 36 | 7-63 | U | PM | 2S | -- | -- | 1480 |
| 151N060W35UdB | R. MORKEN | | 90 | -- | 6 | -- | 30 | -- | H | PD | 2F | 5 | -- | 1485 |
| 151N061W01C0D | U. ENGEL | | 136 | -- | 6 | 1927 | 30 | -- | K | PD | 2F | 5 | -- | 1450 |
| 151N061W04CCA | D. MARTIN | | 50 | -- | 18 | -- | 32 | -- | S | PD | 2F | -- | -- | 1500 |
| 151N061W04CCC | NDSWC 5005 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1485 |
| 151N061W07BCC | C. HAAS | | 207 | -- | 6 | 1956 | 40 | -- | S | 51 | 7S | 4 | -- | 1540 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 151N061W09GCC | NDSWC 5004 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1437 |
| 151N061W120DU | NDSWC 5003 | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1475 |
| 156N061W13ACD | H.KEATING | | 150 | -- | 6 | -- | 100 | -- | S | PD | 2F | 4 | -- | 1480 |
| 151N061W16ACB | P.WILLIAMS | | 50 | -- | 5 | 1948 | 20 | -- | S | 01 | 6Q | 5 | -- | 1435 |
| 151N061W16CCC | NDGS 21 | | 10 | 0 | 4 | 1969 | 10 | 7-69 | U | 51 | 7S | -- | -- | 1434 |
| 151N061W17ABB | E.QUAM | | 80 | -- | 6 | -- | 20 | -- | K | 51 | 7S | 5 | -- | 1460 |
| 151N061W17DAA | G.JOHNSON | | 42 | -- | 6 | -- | 12 | -- | H | PD | 2F | -- | -- | 1445 |
| 151N061W18A0D | H.MILYS | | 14 | -- | 3 | -- | 12 | -- | S | 41 | 7T | -- | -- | 1495 |
| 151N061W18C8B | NDGS N7 | | 34 | 0 | 4 | 1968 | 31 | 7-68 | U | 1G | 7S | -- | -- | -- |
| 151N061W19BAA | R.JOHNSON | | 38 | -- | 48 | -- | 32 | 8-67 | S | 1G | 2S | 4 | -- | 1495 |
| 151N061W19DCC | J.HAAS | | 175 | -- | 5 | 1932 | 30 | -- | K | 51 | 2S | 4 | 13.0 | 1485 |
| 151N061W20DBB | H.JOHNSON | | 55 | -- | 30 | -- | 30 | -- | S | 41 | 7T | -- | -- | 1510 |
| 151N061W21ABC | NDGS 22 | | 25 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1425 |
| 151N061W21BBB | NDSWC 5361 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1434 |
| 151N061W21DCC | R.JOHNSON | | -- | -- | 6 | 1952 | 20 | -- | H | 41 | 7T | 5 | -- | 1440 |
| 151N061W22CCD | NDSWC 5362 | 140 | 100 | 97 | 1 | 1969 | 21 | 11-69 | U | 51 | 7R | 5 | -- | 1430 |
| 151N061W23DDB | H.MCNETT | | 83 | 70 | 5 | 1966 | 25 | -- | S | 51 | 4R | -- | -- | 1465 |
| 151N061W24DBC | E.BECKMAN | | 100 | -- | 6 | -- | -- | -- | S | 1G | 7R | 4 | -- | 1480 |
| 151N061W25AAA | D.SCHINDELE | | 150 | -- | 6 | -- | 50 | -- | S | 1G | 7S | -- | -- | 1470 |
| 151N061W25CCD1 | G.LEE | | 118 | -- | 5 | -- | 60 | -- | S | 51 | 7S | -- | -- | 1515 |
| 151N061W25CCD2 | G.LEE | | 205 | -- | 5 | -- | 60 | -- | S | 51 | 7S | -- | -- | 1515 |
| 151N061W26C8B | NDSWC 5000 | | 140 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1450 |
| 151N061W26D0D1 | H.FRANZEN | | -- | -- | 6 | -- | 30 | -- | H | 51 | 7S | 4 | -- | 1500 |
| 151N061W27A0A | M.GUTTING | | 98 | -- | 6 | -- | 20 | -- | S | 51 | 7S | -- | -- | 1415 |
| 151N061W27DCB | F.SCHMIDT | | 54 | -- | 6 | 1915 | 35 | -- | H | 51 | 7S | 4 | -- | 1470 |
| 151N061W28B8B | NDSWC 2999 | | 180 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1471 |
| 151N061W28C0D | C.HAAS | | 43 | -- | 48 | -- | 39 | 8-67 | S | 51 | 7S | 4 | -- | 1494 |
| 151N061W29DCA | USBR | | 53 | 30 | 3 | 1953 | 35 | 3-53 | U | PD | 6F | -- | -- | 1492 |
| 151N061W29D0D | G.RISHON | | 42 | -- | 30 | -- | 39 | -- | S | 41 | 7T | -- | -- | 1488 |
| 151N061W30B8B | NDSWC 2998 | 280 | 200 | 197 | 1 | 1968 | 0 | -- | U | 51 | 8G | 4 | 6.0 | 1450 |
| 151N061W31AAA | R.HASS | | 17 | -- | 3 | -- | 11 | -- | S | 41 | 8T | -- | -- | 1475 |
| 151N061W31D8B | S.HAAS | | 14 | -- | 36 | -- | 10 | -- | H | 1G | 7R | 4 | -- | 1475 |
| 151N061W32BC | I HAAS | | 2920 | -- | 7 | 1969 | -- | -- | U | -- | -- | -- | -- | 1455 |
| 151N061W33DDA1 | E.SNORTLAND | | 36 | -- | 42 | -- | 32 | -- | U | -- | -- | -- | -- | 1473 |
| 151N061W33D0A2 | E.SNORTLAND | | 6 | -- | 36 | -- | 3 | -- | S | 1G | 7R | -- | -- | 1455 |
| 151N061W34AAD | M.ROERICK | | 43 | -- | 3 | -- | 40 | -- | S | 1G | 7R | -- | -- | 1495 |
| 151N061W34D0A | NDGS 23 | | 20 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1480 |
| 151N061W35BAA | NDSWC 5001 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 151N061W36A8B | NDSWC 5002 | 180 | 100 | 97 | 1 | 1968 | 51 | 8-68 | U | 51 | 8G | 4 | 9.0 | 1505 |
| 152N057W02A8B | A.TENNISON | | 90 | -- | 6 | -- | 25 | -- | S | PD | 2F | -- | -- | 1470 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 152N057W03CCG | A. SLETTEBAK | | 90 | -- | 4 | 1960 | 20 | -- | H | PD | 2F | 6 | -- | 1470 |
| 152N057W030CA | A. DAHLEN | | 80 | -- | 24 | -- | 20 | -- | S | PD | 2F | -- | -- | 1470 |
| 152N057W06CAC | E. IVERSON | | 96 | -- | 5 | 1960 | 20 | -- | H | PD | 2F | -- | -- | 1470 |
| 152N057W07CCA | C. KINNIBERG | | 80 | -- | 24 | -- | 16 | -- | S | PD | 2F | -- | -- | 1470 |
| 152N057W108DB | USAF | | 40 | 0 | 4 | 1962 | 22 | 4-62 | U | PD | 2F | -- | 5.0 | 1520 |
| 152N057W12ABC | USAF | | 130 | 0 | 3 | 1962 | 21 | 11-62 | U | PD | 2F | -- | 6.0 | 1470 |
| 152N057W13AAD | A. KRUEGER | | 103 | -- | 4 | -- | 22 | -- | H | PD | 2F | -- | -- | 1470 |
| 152N057W14ABB | A. TERNQUIST | | 100 | 40 | 4 | 1963 | 40 | -- | H | PD | JF | -- | -- | 1470 |
| 152N057W178DA | C. ANDERSON | | 95 | -- | 5 | 1958 | 22 | -- | H | PD | 2F | 5 | -- | 1470 |
| 152N057W190BB1 | P. HILDRE | | 47 | 47 | 24 | -- | 11 | 7-67 | U | PD | JF | -- | -- | 1470 |
| 152N057W190BB2 | P. HILDRE | | 150 | 140 | 6 | 1947 | 25 | -- | S | PD | 2F | 6 | -- | 1470 |
| 152N057W20CBB | E. RUSTEBAKKE | | 120 | -- | 6 | -- | 40 | -- | Z | PD | 2F | -- | -- | 1470 |
| 152N057W20DDA | V. HANSEN | | 110 | -- | 5 | -- | 40 | -- | S | PD | 2F | -- | -- | 1470 |
| 152N057W228BB | C. SCHMIDT | | 30 | -- | 48 | -- | 15 | -- | S | 41 | 7T | -- | -- | 1470 |
| 152N057W268BA | E. SCHMIDT | | 30 | 30 | 24 | -- | 26 | -- | S | 41 | 7T | -- | -- | 1470 |
| 152N057W278UD | R. KELLY | | 120 | 65 | 5 | 1963 | 27 | -- | S | PD | 2F | -- | -- | 1470 |
| 152N057W270UD | L. SCHMIDT | | 110 | 51 | 5 | 1961 | 15 | -- | H | PD | 2F | 6 | -- | 1470 |
| 152N058W038BA | USGS 41 | | 50 | 0 | 4 | 1952 | 30 | -- | U | PD | 2F | -- | -- | 1515 |
| 152N058W038BB | G. NORMAN | | 30 | -- | 24 | -- | -- | -- | H | 41 | 7T | -- | -- | -- |
| 152N058W04ACC | R. ERICKSON | | 100 | -- | 6 | -- | 30 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W05CBB | USGS 6 | | 42 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 152N058W05CBC | USGS 7 | | 36 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 152N058W05CCC | USGS 8 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W068AA | S. RIO | | 90 | -- | 06 | -- | 15 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W068AB | USGS 32 | | 25 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 152N058W06CdB | USGS 42 | | 35 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N058W07AAA | G. MARTINSON | | 21 | 21 | 24 | -- | 12 | 9-67 | U | -- | -- | -- | -- | -- |
| 152N058W07AAD | USGS 9 | | 32 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1513 |
| 152N058W07CCD | L. JALLD | | 115 | -- | 5 | -- | 30 | -- | U | PD | 2F | -- | -- | -- |
| 152N058W07DDU | USGS 10 | | 46 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N058W08C8D | L. FLOREN | | 34 | 35 | 24 | -- | 22 | 9-67 | U | PD | 2F | 6 | -- | -- |
| 152N058W09AAA | P. KUBESH | | 102 | -- | 6 | -- | 15 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W118AA | R. SCHMIDT | | 48 | -- | 6 | 1964 | 18 | -- | K | PD | 2F | 6 | -- | -- |
| 152N058W168CC | A. DANDA | | 125 | -- | 6 | -- | 25 | -- | H | PD | 2F | -- | -- | -- |
| 152N058W178CB1 | G. NARUM | | 25 | 25 | 48 | 1930 | 10 | 7-67 | H | 41 | 8T | -- | -- | -- |
| 152N058W178CB2 | G. NARUM | | 216 | 50 | 6 | 1915 | 20 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W18AAA | NICHIGAN 65-1 | | 21 | -- | 4 | 1965 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W18AAB1 | NICHIGAN 65-2 | | 24 | 15 | 4 | 1965 | 8 | -- | U | PD | 2F | -- | -- | 1520 |
| 152N058W18AAB2 | NICHIGAN 65-3 | | 35 | -- | 4 | 1965 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W18AAB3 | NICHIGAN 65-4 | | 25 | -- | 4 | 1965 | -- | -- | U | -- | -- | -- | -- | 1520 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 152N058W18AA84 | MICHIGAN 65-6 | | 35 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W18AAU | USGS 11 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N058W18C0U1 | W.FOWLER | | 17 | -- | 24 | -- | 9 | 7-68 | H | PD | 2F | 5 | -- | -- |
| 152N058W18C0U2 | W.FOWLER | | 20 | -- | 36 | -- | 11 | 7-68 | S | 41 | 7P | 6 | 7.0 | -- |
| 152N058W18C0U3 | W.FOWLER | | 49 | -- | 6 | -- | 10 | 7-68 | U | PD | 2F | 7 | 8.0 | -- |
| 152N058W18C0U4 | W.FOWLER | | 165 | -- | 6 | -- | 50 | -- | S | PD | 2F | -- | -- | -- |
| 151N058W180AA1 | USGS 12 | | 26 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N058W180AA2 | MICHIGAN 65-5 | | 21 | -- | 4 | 1966 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W180DA | USGS 13 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W180DB | W.FOWLER | | 2412 | 230 | 8 | 1958 | -- | -- | U | -- | -- | -- | -- | 1528 |
| 152N058W19A8B | W.FOWLER | | 60 | -- | 6 | -- | 12 | -- | U | PD | 2F | -- | -- | 1530 |
| 152N058W190AA | USGS 14 | | 36 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1523 |
| 152N058W1900U1 | F.ANDERSON | | 97 | 43 | 6 | 1967 | 12 | 7-67 | H | PD | 2F | -- | -- | -- |
| 152N058W1900U2 | F.ANDERSON | | 107 | 107 | 6 | 1929 | 20 | 9-29 | H | PD | 2F | 6 | -- | -- |
| 152N058W2088B | J.REINEKE | | 95 | -- | 6 | -- | 30 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W20UAD | J.SENGER | | 90 | -- | 4 | -- | 15 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W23CCC | W.FOWLER | | 100 | -- | 5 | -- | -- | -- | H | PD | 2F | 6 | -- | -- |
| 152N058W24AUA | H.BALES | | 92 | -- | 6 | -- | 30 | -- | H | PD | 2F | -- | -- | -- |
| 152N058W24BAU | E.GREENLEE | | 89 | -- | 6 | -- | 11 | 8-68 | S | PD | 2F | 6 | 8.0 | -- |
| 152N058W24B8A | M.HILDRE | | 90 | -- | 6 | 1958 | -- | -- | H | PD | 2F | 5 | -- | -- |
| 152N058W26AAA | D.SUNDERLAND | | 36 | -- | 24 | -- | 20 | -- | U | -- | -- | -- | -- | -- |
| 152N058W28AAA | E.JOHNSON | | 84 | -- | 6 | -- | 14 | 9-67 | U | PD | 2F | 5 | -- | -- |
| 152N058W28A0U | USGS 55 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W28B0U | USAF | | 130 | 0 | 4 | 1962 | 14 | 11-62 | U | -- | -- | -- | 7.0 | 1505 |
| 152N058W29CCC | USGS 17 | | 45 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 152N058W30AAA | USGS 15 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N058W30A0U | USGS 16 | | 35 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N058W31A0U1 | R.ELVICK | | 90 | -- | 6 | -- | 12 | -- | K | PD | 2F | -- | -- | -- |
| 152N058W31A0U2 | USGS 18 | | 50 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 152N058W31U0U | A.ELVICK | | 90 | -- | 6 | 1953 | 20 | -- | H | PD | 2F | 5 | -- | -- |
| 152N058W32U0C | L.KJORVIK | | 206 | -- | -- | -- | 10 | -- | S | -- | -- | -- | -- | -- |
| 152N058W33A8B | USGS 54 | | 20 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N058W33CAD | USGS 53 | | 140 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 152N058W33U8B | G.YOUNG | | 135 | -- | 6 | -- | 6 | -- | S | PD | 2F | -- | -- | -- |
| 152N058W35A6D | W.RIELY | | 42 | -- | 4 | -- | 25 | -- | S | PD | 2F | -- | -- | -- |
| 152N059W01AAB | F.SOLBERG | | 80 | -- | 4 | -- | 30 | -- | H | PD | 2F | -- | -- | -- |
| 152N059W02AAC | USAF | | 130 | -- | 4 | 1962 | 9 | 11-62 | U | -- | -- | -- | 7.0 | 1520 |
| 152N059W03AAA1 | A.WARMARK | | 100 | -- | 4 | 1959 | 40 | -- | H | PD | 2F | 6 | -- | -- |
| 152N059W03AAA2 | A.WARMARK | | 200 | -- | 6 | -- | 50 | -- | S | PD | 2F | 6 | 6.0 | -- |
| 152N059W04AAU | P.STEFFAN | | 106 | -- | 5 | -- | 26 | -- | K | PD | 2F | 5 | -- | -- |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (C) | ELEVATION OF LSD (FT.) |
|-------------------|-------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-----------------|------------------------|
| 152N059W05LBC | A. OLSUN | | 100 | -- | 4 | -- | 25 | -- | K | PD | 2F | 5 | -- | -- |
| 152N059W06AAA | E. ANDERSON | | 150 | -- | 4 | -- | 20 | -- | K | PD | 2F | 5 | -- | -- |
| 152N059W07AOC1 | E. NELSON | | 100 | -- | 5 | 1941 | 20 | -- | U | PD | 2F | 5 | 7.0 | -- |
| 152N059W07ABC2 | E. NELSON | | 110 | -- | 5 | 1943 | 20 | -- | U | PD | 2F | -- | -- | -- |
| 152N059W08AAB | H. HOLBERG | | 120 | -- | 4 | 1918 | 20 | -- | H | PD | 2F | 5 | 7.0 | -- |
| 152N059W08BDA | K. ANDERSON | | 130 | -- | 6 | 1955 | 30 | -- | K | PD | 2F | 6 | -- | -- |
| 152N059W09BCB1 | K. ESTVOLD | | 90 | -- | 4 | -- | 15 | -- | U | PD | 2F | 6 | 8.0 | -- |
| 152N059W09BCB2 | K. ESTVOLD | | 130 | -- | 4 | -- | 20 | -- | U | PD | 2F | -- | -- | -- |
| 152N059W09CCD | USGS 43 | | 55 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N059W09CCD1 | R. LEIKAS | | 27 | -- | 4 | -- | 10 | -- | S | -- | -- | 5 | 9.0 | -- |
| 152N059W09CCD2 | R. LEIKAS | | 190 | -- | 5 | 1960 | 20 | -- | H | PD | 2F | 7 | -- | -- |
| 152N059W09CCD3 | USGS 44 | | 40 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N059W10CCC | R. LEIKAS | | 35 | -- | 24 | 1937 | 9 | -- | S | PD | 2F | 6 | 10.0 | -- |
| 152N059W10CCD | USGS 45 | | 92 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N059W10CCD1 | USGS 46 | | 55 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N059W11DCA | C. OLLER | | 125 | -- | 6 | -- | 30 | -- | U | PD | 2F | -- | -- | -- |
| 152N059W13AAA | R. LAMB | | 67 | -- | 5 | -- | 17 | 7-68 | U | PD | 2F | -- | -- | -- |
| 152N059W14AAB | T. YOUNG | | 125 | -- | 7 | -- | 30 | -- | K | PD | 2F | 5 | -- | -- |
| 152N059W15CAA1 | C. WEBBER | | 44 | -- | 24 | -- | 29 | -- | S | PD | 2F | 5 | 8.0 | -- |
| 152N059W15CAA2 | C. WEBBER | | 160 | -- | 5 | -- | -- | -- | H | PD | 2F | 6 | 10.0 | -- |
| 152N059W15DUD | USGS 47 | | 51 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 152N059W16BBD | I. ANDERSON | | 1985 | -- | -- | 1969 | -- | -- | U | -- | -- | -- | -- | 1527 |
| 152N059W16DUC | E. BURRESON | | 89 | -- | 6 | -- | 12 | -- | S | PD | 2F | 6 | 8.0 | -- |
| 152N059W17CCC | NDSWC 5011 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 152N059W18DAA1 | A. ANDERSON | | 130 | -- | 5 | 1943 | 50 | -- | H | PD | 2F | 6 | -- | -- |
| 152N059W18DAA2 | A. ANDERSON | | 40 | -- | 18 | -- | 20 | -- | S | PD | 2F | 6 | 10.0 | -- |
| 152N059W19AOD1 | H. TIERNEY | | 160 | -- | 6 | 1928 | 35 | -- | H | PD | 2F | 6 | -- | -- |
| 152N059W19AOD2 | H. TIERNEY | | 160 | -- | 5 | 1910 | 35 | -- | S | PD | 2F | 6 | 6.0 | -- |
| 152N059W19AOD3 | H. TIERNEY | | 160 | -- | 6 | 1958 | 80 | -- | S | PD | 2F | 6 | 7.0 | -- |
| 152N059W19AOD4 | H. TIERNEY | | 45 | -- | 18 | 1923 | 10 | -- | U | PD | 2F | 6 | 8.0 | -- |
| 152N059W19AOD5 | H. TIERNEY | | 196 | 84 | 4 | 1968 | 35 | 11-68 | K | PD | JF | -- | -- | -- |
| 152N059W19CCC | P. SCHUH | | 118 | -- | 6 | -- | 40 | -- | U | PD | 2F | -- | -- | 1510 |
| 152N059W21AOD1 | M. ORVIK | | 98 | -- | 4 | 1963 | 38 | -- | H | PD | 2F | 5 | -- | -- |
| 152N059W21AOD2 | M. ORVIK | | 125 | -- | 4 | -- | -- | -- | S | PD | 2F | 6 | 7.0 | -- |
| 152N059W21B8C1 | B. ANDREWS | | 120 | -- | 6 | -- | 60 | -- | H | PD | 2F | 6 | 8.0 | -- |
| 152N059W21B8C2 | B. ANDREWS | | 125 | -- | 6 | -- | 35 | -- | U | PD | 2F | 6 | 7.0 | -- |
| 152N059W21C8C | K. NESHEIM | | 75 | -- | 5 | -- | -- | -- | U | PD | 2F | -- | -- | -- |
| 152N059W21C8C1 | NDSWC 5012 | | 120 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 152N059W21DUD | USGS 48 | | 37 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 152N059W22BAU1 | E. FOX | | 55 | -- | 4 | -- | 28 | -- | H | -- | -- | 6 | -- | -- |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 152N059W22BAD2 | E. FOX | | 50 | -- | -- | -- | 30 | -- | K | -- | -- | 6 | 7.0 | -- |
| 152N059W23UAC | J. L. IODAL | | 41 | -- | 6 | 1955 | 21 | -- | S | -- | -- | 6 | 9.0 | -- |
| 152N059W24AB C | H. GREENLEE | | 114 | 0 | 4 | 1952 | -- | -- | U | PD | 2F | -- | -- | 1515 |
| 152N059W2408C | J. LAMB EST. | | 37 | -- | 5 | -- | 12 | 7-68 | U | -- | -- | -- | -- | -- |
| 152N059W25AAA1 | E. RUSTEBAKKE | | 103 | -- | 5 | -- | 15 | -- | K | PD | 2F | -- | -- | -- |
| 152N059W25AAA2 | E. RUSTEBAKKE | | 35 | -- | 24 | -- | 20 | -- | U | -- | -- | -- | -- | -- |
| 152N059W25CAD1 | J. KALLESTAD | | 100 | -- | 5 | -- | 20 | -- | S | PU | 2F | 5 | 8.0 | -- |
| 152N059W25CAD2 | J. KALLESTAD | | 80 | -- | 5 | 1948 | 17 | 7-68 | H | PD | 2F | 5 | -- | -- |
| 152N059W26CCC1 | C. BONDE | | 100 | -- | 6 | -- | 30 | -- | K | PU | 2F | 6 | -- | -- |
| 152N059W26CCC2 | C. BONDE | | 70 | -- | 4 | -- | 20 | -- | S | PU | 2F | 6 | 9.0 | -- |
| 152N059W27CC01 | G. SPARKS | | -- | -- | 5 | -- | 15 | -- | H | -- | -- | 6 | -- | -- |
| 152N059W27CC02 | G. SPARKS | | 100 | -- | 6 | -- | 15 | -- | S | -- | -- | 7 | 10.0 | -- |
| 152N059W29B8D | USAF | | 130 | 0 | 4 | 1962 | 10 | 11-62 | U | -- | -- | -- | 7.0 | 1515 |
| 152N059W29UDC1 | G. SPARKS | | 175 | -- | 6 | -- | 50 | -- | H | PD | 2F | 7 | -- | -- |
| 152N059W29UDC2 | G. SPARKS | | 193 | -- | 6 | -- | 20 | -- | H | PD | 2F | 6 | 9.0 | -- |
| 152N059W29UDC3 | G. SPARKS | | 45 | -- | 6 | -- | 15 | -- | S | PD | 2F | 5 | 8.0 | -- |
| 152N059W30DAD1 | J. BROSSART | | 80 | -- | 4 | 1967 | 15 | -- | H | PU | 2F | 6 | -- | -- |
| 152N059W30UAD2 | J. BROSSART | | 120 | -- | 4 | 1967 | 20 | -- | S | PU | 2F | 6 | 6.0 | -- |
| 152N059W30UAD3 | J. BROSSART | | 42 | -- | 6 | 1967 | 20 | -- | H | PD | 2F | -- | -- | -- |
| 152N059W31CUD | P. FRANZEN | | 92 | -- | 5 | 1944 | 7 | -- | K | PU | 2F | 5 | -- | -- |
| 152N059W32ADD | S. SEVERSON | | 120 | -- | 4 | 1912 | -- | -- | K | PD | 2F | 6 | -- | -- |
| 152N059W32BBA | J. BROSSART | | 55 | -- | 4 | -- | 18 | -- | U | PD | 2F | -- | -- | -- |
| 152N059W32UAD | H. HANSON | | 60 | -- | -- | -- | 20 | -- | K | PD | 2F | 6 | -- | -- |
| 152N059W35C8D | C. BONDE | | 64 | -- | 5 | -- | 17 | 8-68 | U | PD | 2F | -- | -- | -- |
| 152N060W01AAB | E. NELSON | | 140 | -- | 4 | 1909 | 6 | 9-46 | Z | PD | 2F | 6 | 9.0 | -- |
| 152N060W01UCC1 | T. SCHUH | | 80 | -- | 4 | 1967 | 20 | -- | K | PD | 2F | 5 | -- | -- |
| 152N060W01UCC2 | T. SCHUH | | 23 | -- | 4 | -- | 14 | 8-68 | U | 41 | 7T | -- | -- | -- |
| 152N060W02BAA1 | C. LOFTEN | | 140 | -- | 4 | -- | 75 | 8-68 | H | PD | 2F | 6 | -- | -- |
| 152N060W02BAA2 | C. LOFTEN | | 160 | -- | 6 | -- | 21 | 8-68 | S | PD | 2F | 6 | 6.0 | -- |
| 152N060W02C8B | H. REINEKE | | 120 | -- | 6 | -- | 35 | -- | S | PD | 2F | -- | -- | -- |
| 152N060W02CCC | A. BOLKEN | | 119 | -- | 4 | 1922 | 25 | -- | H | PD | 2F | 5 | 8.0 | -- |
| 152N060W02UCC | ODDS TOWNSHIP | | 72 | 50 | 6 | -- | 13 | 7-67 | U | PU | JF | 6 | 10.0 | 1510 |
| 152N060W03B8C | USGS 28A | | 110 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 152N060W03CAA | USAF | | 100 | 0 | 4 | 1962 | 22 | 3-62 | U | -- | -- | -- | 4.0 | 1520 |
| 152N060W04C0B | USAF | | 130 | -- | 4 | 1962 | 11 | 11-62 | U | 31 | 7S | -- | 7.0 | -- |
| 152N060W04C0D | NDSWC 5015 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 152N060W05DDB | Z. BRYL TWIN | | 2740 | 300 | 12 | 1969 | -- | -- | J | -- | -- | -- | -- | 1512 |
| 152N060W08B8B | H. GERITZ | | 30 | 30 | 24 | 1909 | 12 | -- | H | -- | -- | 5 | -- | -- |
| 152N060W10B8C1 | H. DANIELS | | 28 | -- | 24 | -- | 14 | -- | H | -- | -- | 6 | -- | -- |
| 152N060W10B8C2 | H. DANIELS | | 98 | -- | 5 | -- | 30 | -- | U | PD | 2F | -- | -- | -- |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 152N060W11AAA | E.NELSON | | 110 | -- | 5 | 1952 | 20 | -- | Z | PD | 2F | 5 | 8.0 | -- |
| 152N060W12AAD | C.BAZAL | | 110 | -- | 5 | 1938 | 14 | -- | H | PD | 2F | 6 | -- | -- |
| 152N060W12CCB | R.DOUGHERTY | | 100 | -- | 5 | -- | 26 | -- | H | PD | 2F | 5 | -- | -- |
| 152N060W14AUD | C.ARNESON | | 68 | -- | 6 | -- | 9 | -- | H | PD | 2F | 6 | -- | -- |
| 152N060W14CBA | E.WIMER | | 90 | -- | 6 | -- | 20 | -- | K | PD | 2F | 5 | 7.0 | -- |
| 152N060W16DDD | G.ROSENBERGER | | 120 | -- | 6 | -- | 14 | -- | S | PD | 2F | -- | -- | -- |
| 152N060W18GCA | W.WIMER | | 100 | -- | 5 | -- | 74 | 8-67 | U | PD | 2F | -- | -- | -- |
| 152N060W19ABA | W.WIMER | | 71 | -- | 6 | 1943 | 26 | 9-43 | K | 31 | 7S | -- | -- | -- |
| 152N060W2088B | A.SCHINDELE | | 100 | -- | 5 | -- | 37 | 8-67 | U | PD | 2F | -- | -- | -- |
| 152N060W228DB | E.BECKMAN | | 100 | -- | 5 | 1933 | 35 | -- | H | PD | 2F | 6 | -- | -- |
| 152N060W22CDB | J.SCHUH | | 99 | -- | 5 | 1939 | 50 | -- | S | PD | 2F | -- | -- | 1510 |
| 152N060W22CDD | J.SCHUH | | 90 | -- | 4 | 1934 | 20 | -- | K | PD | 2F | 5 | 10.0 | -- |
| 152N060W23BCB | J.GERITZ | | 40 | -- | 5 | -- | 10 | 8-68 | U | 41 | 7T | -- | -- | -- |
| 152N060W23UDD | NDSWC 5010 | | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 152N060W258DC | N.LIEN | | 100 | -- | 5 | -- | 20 | 8-67 | S | PD | 2F | 5 | 6.0 | -- |
| 152N060W25C8B1 | N.LIEN | | 116 | -- | 4 | 1963 | 10 | -- | H | PD | 2F | 6 | -- | -- |
| 152N060W25C8B2 | N.LIEN | | 41 | -- | 36 | -- | 14 | 8-68 | U | 41 | 7T | -- | -- | -- |
| 152N060W26CCC | NDSWC 5009 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 152N060W26CDD | F.MAGNESS | | 50 | -- | 5 | -- | 12 | -- | U | PD | 2F | 6 | 6.0 | -- |
| 152N060W27C8C1 | E.CARLSON | | 96 | -- | 6 | 1966 | 15 | -- | H | PD | 2F | 5 | 6.0 | -- |
| 152N060W27C8C2 | E.CARLSON | | 21 | -- | 18 | 1910 | 6 | -- | S | 41 | 7T | 7 | 7.0 | -- |
| 152N060W28C8C | J.GERITZ | | 94 | -- | 5 | -- | 74 | -- | U | PD | 2F | -- | -- | -- |
| 152N060W29CCC1 | P.OLSON | | 122 | -- | 5 | 1890 | 8 | -- | U | PD | 2F | 6 | 6.0 | -- |
| 152N060W29CCC2 | P.OLSON | | 89 | -- | 6 | 1925 | 20 | -- | Z | PD | 2F | -- | -- | -- |
| 152N060W308DD | J.L INVALID | | 200 | -- | 6 | 1931 | 20 | 9-38 | K | 41 | 7T | -- | -- | -- |
| 152N060W31AAB | P.OLSON | | 28 | 28 | 36 | 1904 | 27 | -- | S | 41 | 9S | -- | -- | 1486 |
| 152N060W318CB | H.SAUNDERS | | 65 | -- | 6 | 1949 | 20 | -49 | K | PD | 2F | -- | -- | -- |
| 152N060W34CCD | A.MUNSON | | 79 | -- | 5 | -- | 12 | 8-68 | U | PD | 2F | -- | -- | -- |
| 152N060W358CC | L.FERRY | | 31 | -- | -- | -- | 12 | 8-68 | U | 41 | 7T | -- | -- | -- |
| 152N060W35DAD | M.NELSON | | 47 | -- | 5 | -- | 25 | 8-66 | U | 41 | 7T | -- | -- | -- |
| 152N060W36ACA | I HVIDSTEN | | 1985 | 160 | 7 | 1969 | -- | -- | U | -- | -- | -- | -- | 1407 |
| 152N061W02DDD | H.METCALF | | 35 | -- | 24 | -- | 12 | -- | U | 41 | 8T | 7 | 6.0 | -- |
| 152N061W05CCC | R.NELSON | | 100 | -- | 6 | -- | -- | -- | S | PD | 2F | 6 | -- | -- |
| 152N061W07DDB | H.SMITH | | 156 | 140 | 4 | 1943 | 24 | -- | H | PD | 2F | 6 | -- | -- |
| 152N061W10CDC | NDSWC 5355 | | 80 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1486 |
| 152N061W11AAA | H.METCALF | | 28 | -- | 36 | -- | 9 | -- | U | 41 | 8T | -- | -- | -- |
| 152N061W11CCD1 | D.COOKMAN | | 50 | -- | 36 | -- | 17 | -- | S | 41 | 8T | 6 | 7.0 | -- |
| 152N061W11CCD2 | D.COOKMAN | | 120 | -- | 5 | -- | 30 | -- | H | PU | 2F | 6 | -- | -- |
| 152N061W14ACC | M.HOWSER | | 29 | -- | 36 | -- | 12 | 8-67 | U | 41 | 8T | -- | -- | -- |
| 152N061W16ABB | NDSWC 5356 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1505 |

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|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-------------------|------------------------|
| 152N061W16CCC | NDSWC 5007 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1490 |
| 152N061W17CCU | R. QUAM | | 110 | -- | 6 | -- | 15 | -- | H | PD | 2F | 5 | -- | 1520 |
| 152N061W18BCA | USAF | | 130 | -- | 5 | 1962 | 21 | 10-62 | U | -- | -- | -- | 7.0 | -- |
| 152N061W19wCC | NDSWC 5359 | | 60 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1485 |
| 152N061W20AAA | J. DAHL | | 79 | -- | 5 | -- | 11 | 8-67 | U | PD | 2F | 6 | -- | -- |
| 152N061W21BAD | R. KEATING | | 100 | -- | 6 | -- | 50 | -- | H | PD | 2F | -- | -- | 1505 |
| 152N061W26AAD | NDSWC 5441 | | 180 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1440 |
| 152N061W26CCC | NDSWC 5436 | | 140 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1440 |
| 152N061W26CUD | NDGS 19 | | 25 | 0 | 4 | 1969 | 18 | 6-69 | U | -- | -- | -- | -- | 1426 |
| 152N061W27AUB1 | NDSWC 5438 | | 220 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1442 |
| 152N061W27ADB2 | NDGS 20 | | 30 | 0 | 4 | 1969 | 20 | 6-69 | U | 31 | 6Q | -- | -- | 1440 |
| 152N061W27AUC | NDSWC 5439 | | 240 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1440 |
| 152N061W27UAB | NDSWC 5437 | 280 | 253 | 247 | 1 | 1969 | 18 | 8-69 | U | 51 | 7R | -- | -- | 1435 |
| 152N061W27DAC | NDSWC 5440 | 140 | 90 | 87 | 1 | 1969 | +5 | 8-69 | U | 51 | 7R | -- | -- | 1443 |
| 152N061W27UCD | NDSWC 5354 | 140 | 100 | 97 | 1 | 1969 | 10 | 12-70 | U | 51 | 7R | -- | -- | 1460 |
| 152N061W28C8C | J. MARQUART | | 80 | -- | 6 | 1925 | -- | -- | H | PD | 2F | 6 | -- | 1500 |
| 152N061W28LDD1 | W. SAUNDEKS | | 30 | -- | 36 | 1910 | -- | -- | K | 31 | 7R | -- | -- | -- |
| 152N061W28C8D2 | WM. SAUNDERS | | 96 | -- | 6 | 1934 | +2 | 9-49 | U | PD | 2F | -- | -- | -- |
| 152N061W29AAA | NDSWC 5357 | 280 | 180 | 177 | 1 | 1969 | 11 | 7-69 | U | 51 | 7R | 6 | 7.0 | 1456 |
| 152N061W29AAD | NDGS N5 | | 49 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | -- |
| 152N061W30BBB | NDSWC 5358 | 220 | 180 | 177 | 1 | 1969 | 20 | 12-69 | U | 51 | 7R | 6 | 7.0 | 1460 |
| 152N061W30BUC | NDSWC 5360 | | 40 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1484 |
| 152N061W31CdB | H. MAHONEY | | 79 | 79 | 4 | 1924 | 20 | -- | H | PD | 2F | 5 | 8.0 | -- |
| 152N061W32CBB | J. MAHONEY | | 100 | -- | 5 | 1916 | -- | -- | H | 31 | 7S | 5 | -- | 1520 |
| 152N061W33BCC | NDSWC 5006 | 200 | 150 | 147 | 1 | 1968 | 50 | 11-68 | U | 51 | 8G | 5 | 7.0 | 1508 |
| 152N061W33CAC | P. REEVES | | 50 | -- | 6 | -- | -- | -- | S | 31 | 7R | -- | -- | -- |
| 152N061W34UAd | P. REEVES | | 70 | -- | 5 | 1939 | 12 | -- | S | PU | 2F | -- | -- | 1445 |
| 152N061W35AUB | NDSWC 5435 | 160 | 60 | 57 | 1 | 1969 | 8 | 8-69 | U | 51 | 7S | 5 | 7.0 | 1425 |
| 152N061W35BAA | NDSWC 5353 | 220 | 163 | 157 | 1 | 1969 | 8 | 8-69 | U | 51 | 7R | 6 | 6.0 | 1427 |
| 152N061W36AAA | NDSWC 5008 | | 20 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1470 |
| 152N061W36BAA | NDGS 17 | | 10 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1440 |
| 152N061W36dB3 | NDGS 18 | | 25 | 0 | 4 | 1969 | 24 | 6-69 | U | 41 | 7T | -- | -- | 1424 |
| 153N057W02ADB | A. TENNISON | | 24 | -- | 36 | -- | 16 | 9-67 | S | -- | -- | -- | 6.0 | -- |
| 153N057W06UAD | E. SANU | | 99 | 99 | 6 | -- | 8 | -- | U | -- | -- | -- | -- | -- |
| 153N057W05DDC | NDGS | | 22 | 0 | 4 | 1968 | 13 | 6-68 | U | 21 | 7S | -- | -- | -- |
| 153N057W07DCC | TVEITU BRNS. | | 42 | -- | 36 | 1936 | 25 | -- | K | -- | -- | 5 | -- | -- |
| 153N057W08AAA | F. JESTAD | | 85 | 85 | 6 | -- | 8 | -- | U | -- | -- | -- | -- | -- |
| 153N057W08BCA | D. LYBECK | | 85 | 85 | 4 | -- | 14 | 9-67 | S | PD | 2F | -- | -- | -- |
| 153N057W09CAA | USAF | | 130 | 0 | 4 | 1962 | 18 | 4-62 | U | PD | JF | -- | 5.0 | 150C |
| 153N057W09DJC | H. BARSNESS | | 20 | -- | 6 | -- | 10 | -- | H | 41 | 7T | 5 | -- | -- |

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|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 153N057W110DD | J. NASH | | 36 | 36 | 6 | -- | 17 | 9-67 | U | -- | -- | -- | -- | -- |
| 153N057W128AA | L. WANGEN | | 158 | 156 | 6 | -- | 25 | -- | U | PD | JF | -- | -- | -- |
| 153N057W120CC | A. BRUECKNER | | 25 | 25 | 24 | -- | 23 | 9-67 | H | 41 | 7T | 5 | -- | -- |
| 153N057W158AA | C. ESPEGARD | | 30 | 30 | 24 | -- | 8 | -- | H | 41 | 7T | -- | -- | -- |
| 153N057W160CC | L. MILLER | | 115 | 50 | 4 | 1961 | 60 | 9-61 | S | PD | JF | -- | -- | -- |
| 153N057W17AAD | G. BROTON | | 41 | -- | 24 | -- | 14 | 9-69 | U | 41 | 7T | 6 | -- | -- |
| 153N057W17CUD | O. HILLEBRAND | | 50 | 48 | 24 | -- | 20 | -- | S | -- | -- | -- | -- | -- |
| 153N057W18ADH | TVIETO BROS. | | 100 | 98 | 6 | -- | -- | -- | U | PD | 2F | -- | -- | -- |
| 153N057W190CC | H. HANSON | | 50 | -- | 5 | -- | 21 | -- | U | -- | -- | 6 | -- | -- |
| 153N057W20ABA | L. RALSTON | | 90 | 40 | 2 | 1963 | 10 | -- | S | PD | JF | -- | -- | -- |
| 153N057W2166B | D. RALSTON | | 57 | 58 | 24 | -- | 20 | -- | S | -- | -- | -- | -- | -- |
| 153N057W21CUB | A. GROVE | | 60 | 60 | 24 | -- | 15 | -- | H | -- | -- | -- | -- | -- |
| 153N057W22AAA | D. MCMAHON | | 80 | -- | 6 | 1960 | 75 | -- | H | -- | -- | 6 | -- | -- |
| 153N057W22AAB | P. MCMAHON | | 36 | -- | 30 | -- | 30 | -- | S | -- | -- | 5 | 7.0 | -- |
| 153N057W22LCC1 | F. BYRNES | | 88 | -- | 6 | -- | 22 | -- | H | -- | -- | 5 | -- | -- |
| 153N057W22CCC2 | F. BYRNES | | 40 | -- | 30 | 1935 | -- | -- | S | -- | -- | -- | -- | -- |
| 153N057W23A0A | H. WANGEN | | 90 | 39 | 4 | 1963 | 12 | -- | H | PD | 2F | -- | -- | -- |
| 153N057W2300B | M. OSBORNE | | 100 | 100 | 24 | -- | -- | -- | S | PD | JF | 7 | -- | -- |
| 153N057W2500B | G. NASH | | 52 | -- | 5 | -- | 6 | 8-67 | U | PD | JF | 6 | -- | -- |
| 153N057W260AC | A. VOELKER | | 40 | 40 | 18 | -- | 35 | -- | H | 41 | 8T | 5 | -- | -- |
| 153N057W27JDC | M. MILLER | | 110 | 63 | 4 | 1959 | 42 | -- | H | PD | JF | 5 | -- | -- |
| 153N057W30CAA | H. MORK | | 90 | 88 | 6 | -- | 40 | -- | S | PD | JF | -- | -- | -- |
| 153N057W30AAD | H. WIXD | | 36 | 36 | 30 | -- | 15 | -- | S | 41 | 8T | -- | -- | -- |
| 153N057W3268A | A. GEDSTAD | | 100 | 100 | 6 | -- | 30 | -- | H | PD | JF | -- | -- | -- |
| 153N057W33AAC | B. IVERSUN | | 33 | -- | 24 | -- | 16 | 9-67 | S | 41 | 8T | 5 | -- | -- |
| 153N058W01CDD | E. ALME | | 86 | -- | 6 | -- | -- | -- | H | PD | JF | 5 | -- | -- |
| 153N058W02AAB | B. SHIREK | | 120 | -- | 6 | -- | -- | -- | S | PD | JF | 6 | -- | -- |
| 153N058W03CCC | A. ANDERSON | | 100 | -- | 6 | -- | -- | -- | H | PD | JF | 6 | -- | -- |
| 153N058W040CC | G. OLSON | | 119 | -- | 6 | 1925 | -- | -- | H | PD | JF | 6 | -- | -- |
| 153N058W04CAA | USAF | | 1203 | 1156 | 7 | 1963 | 956 | 7-63 | Z | PM | 2S | -- | -- | 1500 |
| 153N058W04CUB1 | USAF | | 32 | -- | -- | 1967 | -- | -- | U | -- | -- | -- | -- | -- |
| 153N058W04CUB2 | USAF | | 74 | 70 | 3 | 1967 | 13 | 10-67 | U | PD | JF | 6 | 6.0 | -- |
| 153N058W04CCC | USGS 2 | | 32 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 153N058W04CUB | USAF | | 42 | 37 | 1 | 1967 | 6 | 10-67 | U | PD | JF | 6 | 6.0 | -- |
| 153N058W05AAA | USGS 1 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 153N058W050AA | G. OLSON | | 102 | -- | 6 | 1949 | -- | -- | S | PD | JF | 5 | 7.0 | -- |
| 153N058W0500A | USAF | | 62 | 60 | 3 | 1967 | 8 | 10-67 | U | PD | JF | 8 | 7.0 | -- |
| 153N058W080CA | I. OLSON | | 3000 | 100 | 9 | 1969 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 153N058W0800D | USGS 3 | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 153N058W09AAA | M. ANDERSON | | 165 | -- | 6 | -- | 20 | -- | S | PD | JF | -- | -- | -- |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 153N058W09AAD | C. ANDERSON | | 117 | -- | 5 | 1935 | 22 | -- | H | PD | JF | 6 | -- | -- |
| 153N058W13JAA | L. LALA | | 100 | -- | 6 | -- | 18 | -- | H | PD | JF | 5 | -- | -- |
| 153N058W170DD | USGS 4 | | 39 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1495 |
| 153N058W20CDA | J. GUNDERSUN | | 75 | 15 | 5 | -- | 5 | -- | U | PU | JF | 6 | -- | -- |
| 153N058W20DD | USGS 5 | | 120 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 153N058W23DDC | R. LAMB | | 75 | -- | 5 | -- | 11 | 9-67 | U | PD | JF | 6 | -- | -- |
| 153N058W29CCD | USGS 24 | | 27 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 153N058W29CDD | L. WRIGHT | | 74 | -- | 6 | 1927 | 12 | -- | H | PD | JF | 7 | -- | -- |
| 153N058W29DDA | J. DAVIS | | 117 | -- | 6 | -- | 20 | -- | S | PU | JF | -- | -- | -- |
| 153N058W29DDC | USGS 23 | | 22 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1500 |
| 153N058W30ABC | S. SCHWAN | | 97 | -- | 4 | -- | 11 | 8-68 | S | PD | JF | 5 | 7.0 | -- |
| 153N058W30CCD1 | S. SCHWAN | | 90 | -- | 4 | 1949 | 30 | -- | H | PU | JF | 6 | -- | -- |
| 153N058W30CCD2 | S. SCHWAN | | 51 | -- | 5 | -- | 22 | 8-64 | S | PD | JF | 6 | 7.0 | -- |
| 153N058W31AAD | E. GREENLEE | | 130 | -- | 5 | -- | 25 | -- | K | PU | JF | 6 | 7.0 | -- |
| 153N058W31CCD | USGS 29 | | 28 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 153N058W328BA | USGS 25 | | 32 | -- | 5 | 1947 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 153N058W32CCB | P. HALL | | 90 | -- | 5 | 1910 | 13 | 11-46 | H | PD | JF | -- | -- | -- |
| 153N058W32CCD1 | USGS 30 | | 36 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 153N058W32CCD2 | MICHIGAN | | 30 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 153N058W32DAA | M. MILLIGAN | | 91 | -- | 6 | 1944 | 12 | 11-46 | K | PD | JF | -- | -- | -- |
| 153N058W32DAC1 | MICHIGAN | | 104 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W32DAC2 | W. LAMB | | 100 | -- | 6 | -- | -- | -- | H | -- | -- | -- | -- | -- |
| 153N058W32DAC3 | V. THEISON | | 90 | -- | 5 | 1932 | -- | -- | H | -- | -- | -- | -- | -- |
| 153N058W32DAC4 | MICHIGAN | | 95 | -- | -- | 1909 | -- | -- | F | -- | -- | -- | -- | -- |
| 153N058W32JAD1 | K. WRIGHT | | 100 | -- | 6 | 1915 | -- | -- | H | -- | -- | -- | -- | -- |
| 153N058W32JAD2 | C. LEE | | 118 | -- | 6 | 1915 | -- | -- | H | -- | -- | -- | -- | -- |
| 153N058W32JAD3 | O. LEE | | 116 | -- | 6 | 1926 | 32 | 4-47 | N | -- | -- | -- | -- | -- |
| 153N058W32DBA1 | MICHIGAN | | 115 | -- | 6 | 1950 | 28 | 9-67 | P | -- | F | 6 | 11.0 | 1520 |
| 153N058W32DBA2 | G. PEUKA | | 94 | -- | 5 | 1944 | 18 | 9-44 | H | -- | -- | -- | -- | -- |
| 153N058W32DBA3 | B. SMITH | | 87 | -- | 4 | 1918 | -- | -- | H | -- | -- | -- | -- | -- |
| 153N058W32DBB | MICHIGAN T2 | | 120 | 120 | 5 | -- | 30 | 8-67 | U | PU | -- | 5 | -- | 1510 |
| 153N058W32DBC1 | MICHIGAN | | 115 | 0 | 4 | 1952 | -- | -- | U | PD | 2F | -- | -- | 1510 |
| 153N058W32DBC2 | MICHIGAN | | 60 | -- | 5 | -- | 16 | 4-47 | P | -- | -- | -- | -- | -- |
| 153N058W32DBD | MICHIGAN SCHODL | | 100 | -- | 6 | 1910 | -- | -- | P | -- | -- | -- | -- | -- |
| 153N058W32DCC | USGS 31 | | 37 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W32DCD | C. DAHL | | 100 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W32DDA1 | GREAT NORTHERN | | 110 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W32DDA2 | GREAT NORTHERN | | 115 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W32DDR | URVICK SUPPLY | | 96 | -- | 5 | 1919 | -- | -- | N | -- | -- | -- | -- | -- |
| 153N058W32DDC1 | J. LAMB CO. | | 50 | 30 | 6 | 1930 | 28 | -- | C | -- | -- | 5 | -- | -- |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 153N058W320JC2 | MICHIGAN | | 108 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W320DD1 | STANDARD SERV. | | 50 | -- | 5 | -- | 8 | 10-46 | N | -- | -- | -- | -- | -- |
| 153N058W320DD2 | J.LAMB | | 98 | -- | 5 | 1916 | 15 | 9-16 | H | -- | -- | -- | -- | -- |
| 153N058W33CCB | GREAT NORTHERN | | 120 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W33CUD | USGS 33 | | 36 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W33DCC | USGS 34 | | 42 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W33DCD | USGS 35 | | 42 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W33DDU | USGS 36 | | 50 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W34CCD | USGS 37 | | 40 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W34CDC | USGS 38 | | 32 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W34DCC | USGS 39 | | 52 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W35CCD | USGS 40 | | 50 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N058W36BCA | USAF | | 130 | 0 | 3 | 1962 | 14 | 10-62 | U | -- | -- | -- | 7.0 | 1510 |
| 153N059W04DBA | A.LAITY | | 67 | 65 | 6 | 1967 | -- | -- | S | PD | 2F | 6 | 10.0 | 1520 |
| 153N059W06CCC | NDSMC 5016 | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1514 |
| 153N059W158BD | USAF | | 130 | -- | 4 | 1962 | 14 | 10-62 | U | -- | -- | -- | -- | -- |
| 153N059W20CCB | L.NELSON | | 72 | -- | 4 | -- | 50 | -- | S | -- | -- | -- | -- | -- |
| 153N059W21ADD | F.FISK | | 32 | -- | 6 | -- | 13 | 8-67 | U | -- | -- | -- | -- | -- |
| 153N059W23ADD | S.SCHWAN | | 50 | -- | 5 | -- | 13 | 8-68 | U | -- | -- | -- | -- | -- |
| 153N059W25CCD | NDGS N4 | | 34 | 0 | 4 | 1968 | 30 | 6-68 | U | 41 | 7T | -- | -- | -- |
| 153N059W25CUC1 | LAMB ESTATE | | 100 | -- | 4 | 1956 | -- | -- | K | -- | -- | 6 | -- | -- |
| 153N059W25CUC2 | LAMB ESTATE | | 120 | -- | 4 | 1962 | -- | -- | S | -- | -- | 5 | -- | -- |
| 153N059W25CUC3 | LAMB ESTATE | | 92 | -- | 6 | -- | 18 | -- | U | -- | -- | -- | -- | -- |
| 153N059W25DAD | C.DLSON | | 100 | 40 | 4 | 1926 | 40 | -- | K | -- | -- | 5 | 10.0 | -- |
| 153N059W268CB1 | C.JOHNSON | | 56 | -- | -- | 1952 | -- | -- | H | -- | -- | 6 | -- | -- |
| 153N059W268CB2 | C.JOHNSON | | 200 | -- | -- | -- | -- | -- | U | -- | -- | 5 | 7.0 | -- |
| 153N059W29DCC1 | K.ESTVOLD | | 98 | -- | -- | -- | -- | -- | S | -- | -- | 7 | -- | -- |
| 153N059W29DCC2 | K.ESTVOLD | | 137 | -- | 4 | 1959 | -- | -- | H | PD | JF | 7 | -- | -- |
| 153N059W30AAD | J.KURSTAD | | 22 | -- | 18 | -- | 14 | 8-68 | K | 41 | 6S | 4 | -- | -- |
| 153N059W30DCC1 | M.NAISMITH | | 55 | -- | 4 | 1958 | 16 | -- | H | 1G | 7S | 4 | -- | -- |
| 153N059W30DCC2 | M.NAISMITH | | 100 | -- | 4 | -- | 16 | -- | U | PD | 2F | 7 | 7.0 | -- |
| 153N059W31ABC1 | L.URIELL | | 76 | -- | 6 | -- | -- | -- | H | PU | 2F | 4 | -- | -- |
| 153N059W31ABC2 | L.URIELL | | 96 | -- | 6 | -- | 17 | -- | S | PD | 2F | 5 | 8.0 | -- |
| 153N059W318AA | USGS 109 | | 40 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1520 |
| 153N059W318BD1 | L.STEINMANN | | 18 | -- | 15 | 1953 | 15 | -- | H | 1G | 7S | -- | -- | -- |
| 153N059W318BD2 | L.STEINMANN | | 23 | -- | 36 | -- | 17 | 8-68 | S | 1G | 7S | -- | 9.0 | -- |
| 153N059W32ADA1 | C.SATERAN | | 65 | -- | 6 | -- | -- | -- | H | 41 | 6S | 5 | -- | -- |
| 153N059W32ADA2 | C.SATERAN | | 86 | -- | 5 | -- | 23 | 8-68 | S | 1G | 7S | 4 | 8.0 | -- |
| 153N059W32BdB | USGS 110 | | 50 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1517 |
| 153N059W32DUD | USGS 20A | | 45 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1525 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAM-ETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPE-CIFIC CON-DUCT ANCE | TEM-PER-ATURE (°C) | ALTI-TUDE OF LSO (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|------------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|-------------------------|--------------------|------------------------|
| 153N059W3308B | C. SATERAN | | 75 | -- | 5 | -- | 15 | -- | S | PD | 2F | 6 | 7.0 | -- |
| 153N059W340DD | USGS 26 | | 40 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 153N059W360CC | USGS 27 | | 32 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 153N059W360CC | USGS 28 | | 34 | 0 | 4 | 1952 | -- | -- | U | -- | -- | -- | -- | -- |
| 153N060W02AAC | T. SNORTLAND | | 26 | 26 | 36 | 1917 | 21 | -- | U | -- | -- | 6 | -- | 1512 |
| 153N060W04ADD | J. RAINSBERRY | | 200 | -- | 6 | 1914 | 20 | -- | K | 31 | 7R | -- | -- | 1520 |
| 153N060W07AAA | B. MARQUART | | 100 | 70 | 6 | -- | -- | -- | S | -- | -- | 6 | -- | -- |
| 153N060W07C8C | W. WESTENSEE | | 140 | 100 | 4 | 1962 | 23 | -- | S | PD | -- | 7 | -- | -- |
| 153N060W12CDD | L. DIDON | | 123 | 100 | 4 | 1949 | -- | -- | S | -- | -- | 6 | -- | 1525 |
| 153N060W148CD | W. DAVIDSON | | 90 | -- | 5 | 1937 | 15 | 9-49 | H | 31 | 7R | -- | -- | 1920 |
| 153N060W15AAC | USAF | | 130 | 0 | 4 | 1962 | 16 | 10-62 | U | -- | -- | -- | 7.0 | 1515 |
| 153N060W16AAB1 | O. RAINSBERRY | | 100 | 60 | 4 | 1957 | 20 | -- | S | -- | -- | 5 | 10.0 | 1515 |
| 153N060W16AAB2 | O. RAINSBERRY | | 105 | 63 | 4 | 1961 | 20 | -- | H | -- | -- | -- | -- | 1515 |
| 153N060W180CC | R. THOMPSON | | 100 | -- | 6 | 1920 | 14 | -- | S | -- | -- | -- | 7.0 | -- |
| 153N060W190CD | W. THOMPSON | | 67 | -- | 4 | -- | 20 | -- | H | -- | -- | -- | -- | -- |
| 153N060W218CD | E. RAINSBERRY | | 100 | 60 | 4 | 1949 | 20 | -- | H | -- | -- | -- | -- | 1510 |
| 153N060W22ACB | USGS 25A | | 18 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N060W22ACC | USGS 24A | | 35 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1505 |
| 153N060W22BAD | A. SCHROEDER | | 87 | 60 | 4 | 1957 | -- | -- | H | -- | -- | -- | 10.0 | 1508 |
| 153N060W22BDA | USGS 26A | | 30 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1504 |
| 153N060W220BA | | | | | | | | | | | | | | |
| 153N060W220BA | CITY OF LAKOTA | | 15 | -- | 34 | 1919 | 8 | 9-49 | P | 31 | 7R | -- | -- | 1505 |
| 153N060W220DD | USGS 23A | | 37 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1521 |
| 153N060W24BDC | I. B. JORGE | | 1249 | -- | -- | 1968 | -- | -- | U | -- | -- | -- | -- | 1512 |
| 153N060W240CC | E. B. JORGE | | 74 | -- | 6 | 1918 | -- | -- | U | 31 | 7R | -- | -- | 1515 |
| 153N060W25ACB | M. SITAR | | 45 | -- | 36 | 1935 | 15 | -- | K | 31 | 7R | -- | -- | 1505 |
| 153N060W25BCB | M. SITAR | | 38 | 38 | 36 | 1920 | 15 | -- | U | -- | -- | 6 | 5.0 | 1510 |
| 153N060W25CAB | USGS 179 | | 100 | -- | 5 | 1949 | -- | -- | U | 31 | 7R | -- | -- | 1507 |
| 153N060W25CBB | USGS 178 | | 58 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1509 |
| 153N060W25C0C | USGS 107 | | 36 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1508 |
| 153N060W26ACB | CITY OF LAKOTA | | 21 | -- | 2 | -- | 17 | -- | P | 31 | 7R | -- | -- | 1514 |
| 153N060W260CD | J. GUNDERSON | | 120 | -- | 5 | 1944 | 9 | -- | U | PD | 2F | -- | -- | 1510 |
| 153N060W260AB | USGS 177 | | 85 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1521 |
| 153N060W260BU | CITY OF LAKOTA | | 85 | 64 | 10 | 1952 | -- | -- | P | 31 | 8G | -- | -- | 1510 |
| 153N060W260UA | USGS 180 | | 120 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1506 |
| 153N060W260DC | USGS 102 | | 75 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1513 |
| 153N060W260DD | CITY OF LAKOTA | | 88 | 64 | 10 | 1961 | 32 | -- | P | 51 | 8G | -- | -- | 1510 |
| 153N060W27ACA | CITY OF LAKOTA | | 160 | -- | 5 | 1937 | 23 | 9-37 | U | PD | 2F | -- | -- | 1520 |
| 153N060W27ADC1 | E. DUCHESNEAU | | 80 | -- | 5 | 1946 | 20 | 9-46 | H | 31 | 7R | -- | -- | 1510 |
| 153N060W27ADC2 | CITY OF LAKOTA | | 90 | -- | 5 | 1937 | -- | -- | U | PD | 2F | -- | -- | 1510 |
| 153N060W278CD | CITY OF LAKOTA | | 160 | -- | 5 | 1937 | 23 | -- | U | PD | 2F | -- | -- | 1525 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-------------------|------------------------|
| 153N060W27BUC | THE GRANT HOUSE | | 100 | -- | 6 | 1900 | 75 | -49 | H | PD | 2F | -- | -- | 1525 |
| 153N060W27BUU | CITY OF LAKOTA | | 280 | -- | 6 | 1937 | 23 | 7-37 | P | PD | 2F | -- | -- | 1522 |
| 153N060W27CAA | L.PURDY | | 36 | -- | 18 | -- | 23 | 9-49 | U | 31 | 7R | -- | -- | 1521 |
| 153N060W27CAB | A.KAUFMAN | | 30 | -- | 2 | 1929 | -- | -- | H | 31 | 7R | -- | -- | 1520 |
| 153N060W27CCC | USGS 113 | | 145 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N060W27CDD | USGS 112 | | 149 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N060W27BCC1 | CITY OF LAKOTA | | 200 | -- | 5 | 1937 | 23 | -- | U | PD | 2F | -- | -- | 1515 |
| 153N060W27BCC2 | CITY OF LAKOTA | | 170 | -- | 5 | 1937 | 23 | -- | U | PD | 2F | -- | -- | 1515 |
| 153N060W27DBU | LAKOTA CREAMERY | | 41 | -- | 72 | -- | -- | -- | N | 31 | 7R | -- | -- | 1515 |
| 153N060W27DCB | A.HOWEN | | 86 | -- | 5 | 1900 | 12 | 9-49 | H | 31 | 7R | -- | -- | 1515 |
| 153N060W28CDD | USGS 114 | | 165 | -- | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 153N060W29CCC | USGS 117 | | 155 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1538 |
| 153N060W29CDD | USGS 116 | | 108 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1536 |
| 153N060W29DUU | USGS 115 | | 155 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1531 |
| 153N060W30CCD | USGS 118 | | 40 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1540 |
| 153N060W31A0D1 | J.KELTZMAN | | 110 | -- | 5 | 1963 | 45 | -- | S | PD | 2F | 5 | -- | -- |
| 153N060W31A0D2 | J.KELTZMAN | | 27 | -- | 24 | -- | 17 | 8-67 | U | -- | -- | -- | -- | -- |
| 153N060W32C0B | D.MATTEN | | 140 | 85 | 4 | 1930 | 12 | -- | S | -- | -- | -- | -- | -- |
| 153N060W33A0B | R.ALWIN | | 215 | 155 | 4 | 1964 | 40 | 4-64 | H | PD | 2F | -- | -- | 1515 |
| 153N060W34AAA | USGS 111 | | 60 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1510 |
| 153N060W35AAA | USGS 101 | | 87 | -- | 1 | 1949 | 32 | -- | U | PD | -- | -- | -- | 1514 |
| 153N060W35A0A | USGS 103 | | 97 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1511 |
| 153N060W35A0B | USGS 104 | | 120 | -- | 5 | 1949 | -- | -- | U | 31 | 7R | -- | -- | 1510 |
| 153N060W35B0A | USGS 105 | | 40 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1511 |
| 153N060W35CAB1 | J.BEATTY | | 18 | -- | 18 | -- | 9 | 8-68 | U | -- | -- | -- | -- | -- |
| 153N060W35CAB2 | J.BEATTY | | 100 | -- | 5 | -- | 7 | 8-68 | U | -- | -- | 6 | 6.0 | -- |
| 153N060W35C0B | USGS 27A | | 160 | -- | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1506 |
| 153N060W35C0C | USGS 22A | | 100 | -- | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1511 |
| 153N060W35C0D | USGS 29 | | 38 | -- | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1503 |
| 153N060W35UCC | O.JOHNSON | | 130 | -- | 6 | -- | 35 | -- | H | -- | -- | 5 | -- | -- |
| 153N060W35UCD | C.STEIN | | 90 | -- | 5 | 1920 | -- | -- | K | 31 | 7R | -- | -- | -- |
| 153N060W35U0B | L.HEJLIK | | 90 | -- | 04 | -- | 40 | -- | S | -- | -- | -- | -- | -- |
| 153N060W36B0C | G.MCHUGH | | 72 | -- | 4 | 1947 | 17 | -- | U | 31 | 7R | -- | -- | -- |
| 153N060W36B0D1 | G.MCHUGH | | 75 | -- | 4 | -- | 14 | -- | K | PD | 2F | 6 | 6.0 | -- |
| 153N060W36B0D2 | G.MCHUGH | | 75 | -- | 4 | -- | 14 | -- | S | PD | 2F | 6 | 6.0 | -- |
| 153N060W36AAA | USGS 108 | | 130 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1507 |
| 153N060W36B0A | USGS 106 | | 40 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1509 |
| 153N060W36B0B | USGS 1A | | 77 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1517 |
| 153N060W36D0D | USGS 21A | | 40 | 0 | 4 | 1961 | -- | -- | U | -- | -- | -- | -- | 1508 |
| 154N057W02A0U | M.DAHLEN | | 30 | 30 | 24 | -- | 20 | -- | S | -- | -- | -- | -- | -- |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 154N057W04CDD1 | R. DAHLEN | | 35 | -- | 30 | -- | 20 | -- | S | 41 | 7T | 6 | -- | -- |
| 154N057W04CDD2 | R. DAHLEN | | 75 | 75 | 24 | -- | 15 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W05ADD | M. LOKEN | | 116 | -- | 6 | -- | 20 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W080DD | I. HANSON | | 100 | 100 | 6 | -- | 18 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W090DD | NESS BROS | | 125 | 120 | 6 | -- | 12 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W100AA | H. DAHLEN | | 135 | 135 | 6 | -- | 50 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W12CBB | O. MIDTMAN | | 18 | 18 | 48 | -- | 10 | -- | S | 41 | 7T | -- | -- | -- |
| 154N057W16ACC | USAF | | 130 | 0 | 4 | 1962 | 21 | 4-62 | U | PD | 2F | -- | 5.0 | 1489 |
| 154N057W17JAA | B. HELLAND | | 16 | -- | 48 | -- | 14 | -- | K | 41 | 7T | 6 | -- | -- |
| 154N057W18DBB | O. CARLSON | | 35 | -- | 36 | -- | 20 | -- | H | 41 | 7T | 5 | -- | -- |
| 154N057W19CCD | O. DAHLEN | | 120 | -- | 6 | -- | 15 | -- | S | PD | 2F | 7 | 6.0 | -- |
| 154N057W20CDA1 | F. FREDRICKSON | | 40 | 40 | 36 | 1967 | 14 | 9-67 | H | 41 | 7T | 8 | -- | -- |
| 154N057W20CDA2 | F. FREDRICKSON | | 112 | 112 | 8 | -- | 16 | 9-67 | S | PD | 2F | -- | -- | -- |
| 154N057W20DDO | WDAZ TV | | 80 | 40 | 6 | -- | 16 | -- | A | PD | JF | 6 | 6.0 | -- |
| 154N057W23BDB | T. ELLINGSON | | 15 | -- | 30 | -- | 8 | -- | S | 41 | 7T | 5 | -- | -- |
| 154N057W24ADA | P. HAMILTON | | 18 | -- | 30 | -- | 8 | 7-68 | S | 41 | 7T | 6 | -- | -- |
| 154N057W27ABD | M. SWENDEID | | 80 | 80 | 12 | -- | 60 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W29BUD | L. BERDAL | | 95 | 95 | 24 | -- | 35 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W33AAA | B. IVERSON | | 29 | 29 | 28 | -- | 18 | -- | H | 41 | 7T | -- | -- | -- |
| 154N057W33CCB | M. FREDRICKSON | | 98 | 98 | 6 | -- | 30 | -- | U | PD | JF | -- | -- | -- |
| 154N057W33DAA | E. FREDRICKSON | | 18 | 18 | 12 | -- | 10 | -- | H | 41 | 7T | -- | -- | -- |
| 154N057W35BAA | J. IVERSON | | 70 | 68 | 36 | -- | 13 | -- | S | PD | 2F | -- | -- | -- |
| 154N057W36BAB | G. SWENDEID | | 28 | 30 | 32 | -- | 12 | -- | S | 41 | 7T | -- | -- | -- |
| 154N058W010DD | C. TERNQUIST | | 44 | 39 | 6 | 1949 | 42 | -- | U | PD | 2F | -- | -- | -- |
| 154N058W02CCD | N. MOEN | | 90 | -- | 6 | -- | 20 | -- | H | PD | 2F | 6 | -- | -- |
| 154N058W04ADD | J. BINA | | 80 | -- | 6 | -- | 25 | -- | K | PD | 2F | -- | -- | -- |
| 154N058W05BCB | D. JOHNSON | | 128 | -- | 6 | -- | 25 | -- | K | PD | 2F | -- | -- | -- |
| 154N058W06CAA | L. SKJERVEH | | 84 | -- | 5 | -- | 18 | -- | K | PD | 2F | -- | -- | 1510 |
| 154N058W08CCD | J. MARSH | | 80 | -- | 6 | -- | 25 | -- | H | PD | 2F | -- | -- | -- |
| 154N058W09ABD | C. RYSAVY | | 100 | -- | 6 | -- | 20 | -- | S | PD | 2F | -- | -- | -- |
| 154N058W09CCD | A. BAKER | | 119 | -- | 6 | -- | 25 | -- | S | PD | 2F | -- | -- | -- |
| 154N058W10BBB | C. MOEN | | 110 | 50 | 6 | 1926 | 20 | -- | S | PD | JF | 5 | -- | -- |
| 154N058W11CCB | L. LAMB | | 80 | -- | 6 | -- | 12 | -- | K | PD | 2F | -- | -- | -- |
| 154N058W12ABA1 | R. NELSON | | 73 | 42 | 4 | 1958 | 30 | -- | H | PD | JF | 5 | -- | -- |
| 154N058W12ABA2 | R. NELSON | | 110 | -- | 2 | 1900 | 30 | -- | S | PD | JF | 6 | -- | -- |
| 154N058W12CDD | A. HOLEN | | 120 | -- | 6 | -- | 40 | -- | K | PD | 2F | -- | -- | -- |
| 154N058W14CLD | R. BECK | | 98 | -- | 6 | -- | 40 | -- | K | PD | 2F | -- | -- | -- |
| 154N058W14JAC | O. DAHLAND | | 23 | 23 | 36 | 1930 | 18 | 8-67 | K | 41 | 7T | 5 | -- | -- |
| 154N058W15ABB | USAF | | 130 | 0 | 4 | 1962 | 31 | 3-62 | U | PD | 2F | -- | 5.0 | 1549 |
| 154N058W17UCA | R. SOMMERFIELD | | 102 | -- | 6 | 1944 | 20 | -- | H | PD | 2F | 6 | -- | -- |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 154N058W17DUD | NDSWC 5019 | 120 | 78 | 58 | 1 | 1968 | 8 | 10-69 | U | PD | JF | 3 | 7.0 | 1550 |
| 154N058W19C8C | G. SANDFORD | | 125 | | 5 | | 35 | | H | PD | 2F | | | |
| 154N058W20BAA | R. SOMMERFELD | | 102 | 40 | 5 | 1942 | 15 | | H | PD | 2F | 6 | | |
| 154N058W21CCC | H. SOMMERFELD | | 160 | | 6 | | 25 | | K | PU | 2F | | | |
| 154N058W22DDC | A. ADAMSON | | 82 | | 6 | 1967 | 15 | | H | PD | 2F | 5 | | |
| 154N058W23CCC | H. MOEN | | 100 | | 6 | | 16 | | S | PD | 2F | | | |
| 154N058W26AAA | J. LAMB | | 100 | | 6 | | 25 | | K | PD | 2F | | | |
| 154N058W28BCC | R. HAYER | | 100 | | 5 | | 15 | | K | PD | 2F | 4 | | |
| 154N058W28DUC | V. SOMMERFELD | | 170 | | 6 | | 40 | | K | PD | 2F | | | |
| 154N058W30ABC | C. RYBA | | 120 | | 4 | | 25 | | K | PD | 2F | | | |
| 154N058W31CDD | J. LAMB | | 110 | | 6 | | 27 | | H | PU | 2F | | | |
| 154N058W31DDC1 | D. SHIREK | | 102 | 80 | 4 | 1961 | 10 | | S | PD | 2F | 6 | | |
| 154N058W31DDC2 | D. SHIREK | | 80 | | 6 | 1916 | 10 | | S | PD | 2F | | | |
| 154N058W32AAA1 | C. LARSON | | 110 | | 4 | | 25 | | H | PD | 2F | | | |
| 154N058W32AAA2 | C. LARSON | | 98 | | 7 | | 20 | | K | PD | 2F | | | |
| 154N058W33CCD | A. HAGER | | 125 | | 6 | 1953 | 16 | | H | PD | 2F | 6 | 8.0 | |
| 154N058W35ABA | E. HELLAND | | 100 | | 6 | | 20 | | K | PD | 2F | | | |
| 154N058W36DJA | H. DAHLEN | | 75 | | 4 | | 20 | | H | PD | 2F | 5 | | |
| 154N059W02ADB | J. VASICHEK | | 70 | | 6 | | 30 | | K | PD | 2F | | | |
| 154N059W03CDB | USAF | | 130 | 0 | 3 | 1962 | 10 | 11-62 | U | | | | 7.0 | 1525 |
| 154N059W04ADB | C. OLSON | | 95 | | 4 | | 25 | | K | PD | 2F | | | |
| 154N059W04CDD | J. MAJKSNER | | 120 | | 6 | | 10 | | K | PD | 2F | 6 | 9.0 | |
| 154N059W05ACA | A. KYLLONEN | | 72 | | 6 | | 12 | 8-67 | U | PD | 2F | | | |
| 154N059W06CCD | R. OLSEN | | 100 | | 6 | | 15 | | H | PD | 2F | | | |
| 154N059W06DDB | L. KYLLONEN | | 90 | | 6 | | 15 | | K | PD | 2F | | | |
| 154N059W07BAB | A. KYLLONEN | | 110 | | 6 | | 20 | | K | PD | 2F | | | |
| 154N059W08BCC | NDSWC N2 | | 32 | 0 | 4 | 1968 | | | U | | | | | 1540 |
| 154N059W09CDB | L. LARSON | | 120 | | 6 | | 20 | | K | PD | 2F | | | |
| 154N059W11ABB | J. AHONEN | | 90 | | 4 | | 35 | | H | PD | 2F | | | |
| 154N059W11CBB | D. HODEK | | 108 | | 4 | | 25 | | K | PD | 2F | | | |
| 154N059W12ABB | R. NELSON | | 73 | | 5 | 1958 | 15 | | H | PD | 2F | 5 | 10.0 | |
| 154N059W15CBB | PELTO STORE | | 43 | 40 | 6 | | 7 | | U | PD | 2F | | | |
| 154N059W16ADD | L. OLSON | | 135 | | 4 | | 18 | | S | PD | 2F | | | |
| 154N059W16DAC | R. HIETALA | | 80 | | 5 | 1960 | 10 | | K | PD | 2F | 6 | | |
| 154N059W17ACB | E. BJORGE | | 128 | | 5 | | 25 | | K | PD | 2F | | | |
| 154N059W17DDD | NDSWC 5018 | 100 | 90 | 70 | 1 | 1968 | 7 | 4-69 | U | PD | JF | | | 1520 |
| 154N059W18CCC | NDSWC 5017 | | 60 | 0 | 4 | 1968 | | | U | | | | | 1538 |
| 154N059W18DAB | K. YULE | | 78 | 40 | 6 | 1930 | 9 | | U | PD | 2F | | | |
| 154N059W19BBC | E. LUND | | 160 | | 4 | | 30 | | K | PD | 2F | | | |
| 154N059W19ACA | K. YULE | | 200 | | 6 | 1965 | 17 | | H | PD | 2F | 7 | | |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 154N059W23AUD | T. LARSON | | 80 | -- | 6 | -- | 18 | -- | K | PD | 2F | 5 | -- | -- |
| 154N059W24CDB | C. KANGAS | | 80 | -- | 4 | -- | 20 | -- | K | PJ | 2F | -- | -- | -- |
| 154N059W24UUD | W. SCHULZ | | 88 | -- | 4 | 1961 | 15 | -- | H | PD | 2F | 5 | -- | -- |
| 154N059W27CLB | V. HANESALU | | 90 | -- | 6 | -- | 12 | -- | K | PD | 2F | -- | -- | -- |
| 154N059W28AUA1 | THOMSON BROS | | 85 | 45 | 4 | 1947 | 20 | -- | H | PD | 2F | 6 | -- | -- |
| 154N059W28AUA2 | THURSON BROS | | 135 | 135 | 6 | 1947 | 20 | -- | U | PU | 2F | -- | -- | -- |
| 154N057W30ABH | G. LARSON | | 92 | -- | 5 | -- | 20 | -- | H | PD | 2F | 5 | -- | -- |
| 154N059W33CCC | A. HATULA | | 71 | -- | 5 | -- | 20 | -- | H | PU | 2F | -- | -- | -- |
| 154N059W34AAJ | B. VARNSON | | 84 | -- | 6 | 1967 | 82 | -- | H | PU | 2F | 6 | -- | -- |
| 154N059W34ACA | O. VARNSON | | 82 | 70 | 6 | 1967 | 35 | -- | S | PD | 2F | -- | -- | -- |
| 154N060W02AB3 | N. SUNDEEN | | 140 | -- | 4 | -- | 40 | -- | S | PD | 2F | -- | -- | -- |
| 154N060W048JA | H. JOHNSON | | 94 | 60 | 4 | 1957 | 30 | -- | H | PD | 2F | 6 | -- | -- |
| 154N060W05ADC | S. JACOBSON | | 105 | -- | 4 | -- | 40 | -- | S | PD | 2F | -- | -- | -- |
| 154N060W06WAC | A. SINGOUFF | | 53 | -- | 6 | -- | 11 | -- | U | 41 | 7T | -- | -- | -- |
| 154N060W09DUA | N. SEVERSTON | | 115 | 113 | 6 | 1952 | 25 | -- | S | PU | 2F | -- | -- | -- |
| 154N060W11AAA | A. MELDAHL | | 81 | -- | -- | 1900 | 15 | 8-67 | U | PD | 2F | 6 | -- | -- |
| 154N060W13CCA | A. EVENSON | | 107 | -- | 5 | -- | 10 | -- | K | PD | 2F | 6 | -- | -- |
| 154N060W13LCC | G. LOKEN | | 96 | -- | 6 | 1958 | 15 | -- | H | PD | 2F | -- | -- | -- |
| 154N060W13DGB | USAF | | 130 | 0 | 3 | 1962 | 14 | 10-62 | U | -- | -- | -- | 7.0 | 1515 |
| 154N060W15AAA | USAF | | 130 | -- | 4 | 1962 | 17 | 3-66 | U | -- | -- | -- | -- | 1528 |
| 154N060W16CUU | M. DAHL | | 150 | 63 | 4 | 1961 | 25 | -- | S | PD | 2F | -- | -- | 1515 |
| 154N060W17DCA | H. SEVERSON | | 65 | -- | 4 | -- | 28 | 8-67 | S | PU | 2F | 6 | -- | 1510 |
| 154N060W20ACC | N. BRODAL | | 150 | -- | 6 | -- | 30 | -- | S | PD | 2F | -- | -- | -- |
| 154N060W20UBA | N. BRODAL | | 112 | 84 | 4 | -- | 30 | -- | S | PD | 2F | -- | -- | 1515 |
| 154N060W22BDA | C. STRATE | | 25 | -- | 36 | -- | 30 | -- | H | 1G | 7S | 4 | -- | -- |
| 154N060W23UUD | A. JACOBSON | | 150 | 75 | 4 | 1961 | 30 | -- | H | PD | 2F | 6 | -- | 1515 |
| 154N060W25CCA | A. OLSON | | 85 | 52 | 4 | 1960 | 40 | -- | H | PD | JF | -- | -- | -- |
| 154N060W25UUC | A. OLSON | | 110 | -- | 4 | 1957 | 15 | -- | H | PD | 2F | 7 | -- | -- |
| 154N060W26AUA | G. SKJERSETH | | 28 | -- | 24 | 1928 | 12 | -- | U | 41 | 7T | 8 | 6.0 | -- |
| 154N060W27BCC | NDGS N3 | | 13 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 154N060W27CCA | O. ROBINSON | | 18 | 18 | 48 | -- | 13 | -- | S | 41 | 7S | -- | -- | -- |
| 154N060W28UUD | J. PETERSON | | 120 | 90 | 4 | -- | 25 | -- | S | PD | 2F | -- | -- | -- |
| 154N060W30CCC | H. ERICKSRUD | | 180 | 175 | 4 | -- | 25 | -- | S | PD | 2F | -- | -- | -- |
| 154N060W31LBC | L. JOHNSON | | 100 | 56 | 4 | -- | 10 | -- | S | PD | 2F | -- | -- | 1500 |
| 154N060W31UUC | A. JOHNSON | | 101 | 96 | 4 | -- | 15 | -- | S | PD | JF | -- | -- | -- |
| 154N060W32CUB | C. TURNER | | 132 | -- | 4 | 1938 | 25 | 9-38 | K | PD | 2F | -- | -- | -- |
| 154N060W33AB8 | C. PEDERSON | | 86 | 86 | 6 | 1962 | 10 | -- | H | PD | 2F | -- | -- | -- |
| WALSH COUNTY | | | | | | | | | | | | | | |
| 155N051W03BAB | W. KOSMATKA | | 17 | -- | 60 | -- | 10 | 8-67 | S | 01 | 6Q | 6 | 7.0 | 810 |
| 155N051W08ABC | R. PLUTOWSKI | | 10 | 10 | 36 | -- | 4 | 7-67 | S | 01 | 7P | 5 | 6.0 | 810 |
| 155N051W10ABA | L. PLUTOWSKI | | 134 | 132 | 4 | 1955 | 1 | -- | S | 41 | 7T | 6 | 6.0 | 806 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) | |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|-----|
| 155N051W1688B | S. MOZIŃSKI | | 18 | 17 | 24 | 1910 | 12 | 8-67 | S | 01 | 7P | 5 | --- | 810 | |
| 155N051W1808B | W. SOLMIŃSKI | | 18 | 18 | 36 | --- | 8 | 8-67 | S | 01 | 7P | 6 | 7.0 | 815 | |
| 155N051W1900A | C. WALSKI | | 150 | --- | 2 | --- | F | --- | S | --- | --- | 6 | --- | 812 | |
| 155N051W2588C | H. SLOMIŃSKI | | 18 | 18 | 36 | --- | 5 | 8-67 | S | 01 | 7P | 6 | --- | 810 | |
| 155N051W290CC | J. NICE | | 23 | 23 | 30 | 1957 | 3 | 7-67 | S | 01 | 7P | 6 | --- | 810 | |
| 155N051W3388B | A. NICE | | 150 | 148 | 2 | 1920 | 6 | --- | U | 01 | 7P | --- | --- | 810 | |
| 155N051W3400A | NDSHQ | | 152 | 0 | 4 | 1968 | 8 | --- | U | --- | --- | --- | --- | 807 | |
| 155N051W3500D | NDSGS W15 | | 19 | 0 | 4 | 1968 | 7 | 7-68 | U | 01 | 7P | --- | --- | 806 | |
| 155N052W01A8B | S. STANISŁOWSKI | | 116 | --- | 2 | --- | F | --- | S | 41 | 7T | --- | --- | 809 | |
| 155N052W01A0D | L. CZAPIEŃSKI | | 10 | --- | 48 | --- | 4 | --- | S | 01 | 7P | --- | --- | 801 | |
| 155N052W010CC | N. LIZAKOWSKI | | 15 | --- | 48 | --- | 4 | --- | S | 01 | 7P | --- | --- | 810 | |
| 155N052W0288C | M. KUWALSKI | | 10 | --- | 48 | --- | 3 | --- | S | 01 | 7P | --- | --- | 810 | |
| 155N052W05A4C | J. RISKE | | 9 | 9 | 8 | --- | --- | --- | U | 01 | 6Q | --- | --- | 825 | |
| 155N052W0588B | E. FLANDERS | | 12 | --- | 12 | --- | 4 | 8-68 | U | 01 | --- | --- | --- | 814 | |
| 155N052W0688C | USGS 705 | | 50 | 0 | 4 | 1953 | 8 | --- | U | --- | --- | --- | --- | 819 | |
| 155N052W0688B | USGS 704 | | 50 | --- | 4 | 1953 | --- | --- | U | 01 | 2S | 6 | --- | 820 | |
| 155N052W0688C | USGS 703 | | 50 | 0 | 4 | 1953 | --- | --- | U | --- | --- | --- | --- | 825 | |
| 155N052W0688D | G. CHRISTIE | | 14 | --- | 24 | --- | 6 | --- | S | 01 | 6S | --- | --- | 825 | |
| 155N052W0688B | USGS 702 | | 50 | 0 | 4 | 1953 | --- | --- | U | --- | --- | --- | --- | 825 | |
| 155N052W0688C | USGS 701 | | 50 | 0 | 4 | 1953 | --- | --- | U | --- | --- | --- | --- | 825 | |
| 46 | | | | | | | | | | | | | | | |
| 155N052W0880D1 | J. LIZAKOWSKI | | 114 | --- | 2 | 1957 | F | --- | S | 41 | 8T | 7 | --- | 825 | |
| 155N052W0880D2 | J. LIZAKOWSKI | | 116 | 114 | 2 | --- | F | --- | S | 41 | 7T | --- | --- | 825 | |
| 155N052W0880D3 | J. LIZAKOWSKI | | 96 | 94 | 2 | --- | F | --- | S | 41 | 7T | --- | --- | 825 | |
| 155N052W0880D4 | J. LIZAKOWSKI | | 84 | 82 | 2 | --- | F | --- | S | 41 | 7T | --- | --- | 825 | |
| 155N052W1188B | NDSWC 5395 | | 240 | 0 | 4 | 1969 | --- | --- | U | --- | --- | --- | --- | 805 | |
| 155N052W1200A | J. PLUTOWSKI | | 70 | 68 | 2 | --- | F | --- | S | 41 | 7T | --- | --- | 801 | |
| 155N052W1400A | C. CURTIN | | 22 | --- | 48 | --- | 8 | --- | S | 01 | 6Q | --- | --- | 817 | |
| 155N052W1900D | B. DOWNS | | 12 | --- | 48 | --- | 8 | --- | S | 01 | 6Q | --- | --- | 834 | |
| 155N052W1900D | A. HEFTA | | 165 | 163 | 2 | --- | F | --- | K | PM | 2S | --- | --- | 828 | |
| 155N052W22AAA | NDSWC 5396 | | 200 | 0 | 4 | 1969 | --- | --- | U | --- | --- | --- | --- | 800 | |
| 155N052W220CC | J. PASCHKE | | 100 | 90 | 2 | 1931 | 3 | --- | H | 41 | 8T | --- | --- | 822 | |
| 155N052W2488B | L. ZALONDEK | | 17 | --- | 48 | --- | 6 | --- | S | 01 | 7P | --- | --- | 814 | |
| 155N052W2488C | F. NARLOCH | | 17 | 17 | 10 | --- | 9 | --- | U | 01 | 7P | 6 | 7.0 | 819 | |
| 155N052W2588B | H. SLOMIŃSKI | | 12 | --- | 36 | --- | 5 | 8-67 | U | 01 | 7P | 5 | --- | 819 | |
| 155N052W250CC1 | NDSWC 5397 | | 220 | 0 | 4 | 1969 | --- | --- | U | --- | --- | --- | --- | 820 | |
| 155N052W250CC2 | E. STANISŁOWSKI | | 20 | --- | 32 | --- | 8 | --- | S | 01 | 7P | --- | --- | 820 | |
| 155N052W2500C | J. NICE | | 21 | 21 | 36 | --- | 7 | 8-67 | S | 01 | 7P | 6 | --- | 813 | |
| 155N052W2700C1 | NDSWC 5032 | | 180 | 160 | 137 | 1 | 1968 | 6 | 7-68 | U | 51 | 3S | 8 | 8.0 | 828 |
| 155N052W2700C2 | NDSWC 5032 | | 25 | 20 | 4 | 1968 | 2 | 7-68 | U | 01 | 7P | --- | --- | 828 | |
| 155N052W2900D | NDSWC 5399 | | 200 | 0 | 4 | 1969 | --- | --- | U | --- | --- | --- | --- | 828 | |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 159N052W30BBB | F.NARLOCK | | 12 | -- | 36 | -- | 6 | -- | K | 01 | 8Q | 5 | -- | 835 |
| 159N052W30DCA | L.MONDY | | 180 | 178 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 832 |
| 159N052W31CDA | J.IRWIN | | 30 | -- | 42 | -- | 9 | 7-68 | S | 01 | 6Q | 6 | -- | 836 |
| 159N052W32CBB | J.GERSZEWSKI | | 19 | -- | 14 | -- | 8 | -- | K | 01 | 6Q | -- | -- | 831 |
| 159N052W33ABB1 | A.HELMOSKI | | 12 | -- | 48 | -- | 7 | -- | S | 01 | 6Q | 4 | -- | 828 |
| 159N052W33ABB2 | A.HELMOSKI | | 30 | -- | 24 | -- | 4 | -- | S | 01 | 6Q | -- | -- | 828 |
| 159N052W33BCA | E.KELLY | | 9 | 9 | 12 | 1954 | 3 | 7-67 | U | 01 | 7P | 6 | 14.0 | 827 |
| 159N052W34DDD | NDSWC 5398 | | 220 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 827 |
| 159N052W36BBB1 | N.KARYNTA | | 22 | -- | 36 | -- | 12 | -- | K | 01 | 6Q | -- | -- | 820 |
| 159N052W36BBB2 | N.KARYNTA | | 22 | -- | 24 | -- | 12 | -- | K | 01 | 6Q | -- | -- | 820 |
| 159N053W01AAA | USGS 706 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 830 |
| 159N053W01AAB1 | K.MILLER | | 20 | -- | 20 | -- | 5 | -- | H | 01 | 6Q | 4 | -- | 827 |
| 159N053W01AAB2 | NDGS W17 | | 19 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 827 |
| 159N053W01BBB | N.HEWITT | | 200 | 198 | 2 | 1909 | F | -- | U | PM | 2S | -- | -- | 830 |
| 159N053W07ADD | M.TARDLINNEK | | 160 | 155 | 3 | 1957 | F | -- | S | 41 | 7T | -- | -- | 845 |
| 159N053W09BBB | H.RISKE | | 180 | -- | 3 | 1900 | F | -- | S | PM | 2S | 7 | -- | 850 |
| 159N053W12BAA | J.WYSOCKI | | 30 | -- | 20 | -- | 20 | -- | H | 01 | 6Q | 5 | -- | 827 |
| 159N053W14BBB1 | J.SCHILLER | | 21 | -- | 12 | -- | 19 | -- | H | 01 | 7S | 4 | -- | 840 |
| 159N053W14BBB2 | NDGS W16 | | 24 | 0 | 4 | -- | 17 | 7-68 | U | -- | -- | -- | -- | 839 |
| 159N053W23BBB | F.SCHILLER | | 20 | 20 | 24 | 1935 | 6 | -- | H | 01 | 7P | -- | -- | 843 |
| 159N053W26CCB | H.HEFTA | | 12 | -- | 14 | -- | 6 | -- | S | 01 | 6Q | -- | -- | 847 |
| 159N053W28CCB | FOREST RIVER | | 12 | 12 | 72 | 1934 | 5 | -- | R | 1G | 7P | 5 | 12.0 | 864 |
| 159N053W29CCD | C.LOWE | | 13 | -- | 36 | -- | 11 | -- | S | 01 | 6Q | 4 | -- | -- |
| 159N053W31BBB | USGS 722 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 875 |
| 159N053W31CBC | USGS 716 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 880 |
| 159N053W31CCB | USGS 715 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 880 |
| 159N053W31CCC | USGS 714 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 889 |
| 159N053W32ABA | J.HALVORSON | | 10 | 10 | 36 | -- | 6 | 6-67 | H | 01 | 8Q | -- | -- | 866 |
| 159N053W35AAA | NDSWC 5425 | | 180 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 839 |
| 159N054W01DDA | E.FORESTER | | 185 | -- | 2 | 1968 | F | -- | S | PM | 2S | 7 | -- | 865 |
| 159N054W04AAA | V.BARTA | | 277 | 266 | 4 | 1966 | 17 | 10-66 | S | PM | 2S | -- | -- | 894 |
| 159N054W04BAC | R.FORESTER | | 25 | -- | 24 | -- | 7 | -- | U | 01 | 6Q | 4 | -- | 917 |
| 159N054W05CJA | F.SGBULIK | | 365 | 363 | 4 | 1954 | 42 | -- | K | PM | 2S | -- | -- | 920 |
| 159N054W08BCC | E.DIEMERT | | 332 | 330 | 6 | 1945 | 3 | -- | S | PM | 2S | 6 | -- | 930 |
| 159N054W10DAA | G.SCHAMLEC | | 330 | 328 | 3 | 1936 | 20 | -- | K | PM | 2S | -- | -- | 888 |
| 159N054W12DGD | J.KUBOUSEK | | 175 | 175 | 3 | 1939 | 5 | -- | S | PM | 2S | 7 | -- | 870 |
| 159N054W14ABA | S.JAROLINEK | | 280 | -- | 3 | 1925 | 14 | -- | H | PM | 2S | 6 | -- | 880 |
| 159N054W16ABA | F.CHRDNY | | 342 | 330 | 4 | 1962 | 30 | 9-62 | S | PM | 3S | 7 | -- | 907 |
| 159N054W16BDA | J.SCHANILEC | | 212 | -- | 3 | 1927 | 12 | -- | K | PM | 2S | 7 | -- | 915 |
| 159N054W16CCC | SAMPEL | | 206 | 204 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 954 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAM-ETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPE-CIFIC CON-DUCT ANCE | TEM-PER-ATURE (°C) | ELE-VATION OF LSD (FT.) |
|-------------------|-------------|---------------------|------------------|--------------------|------------------------|---------------------|-------------------|------------------|--------------|---------------|------------------------|-------------------------|--------------------|-------------------------|
| 155N054W23BAD | E.SCHANILEC | | 200 | -- | 2 | -- | F | -- | S | PM | 2S | 7 | -- | 887 |
| 155N054W2688B | NDSWC 5426 | | 180 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 895 |
| 155N054W260DD | J.FINLEY | | 16 | -- | 48 | -- | 12 | -- | K | 21 | 8G | 4 | -- | 893 |
| 155N054W29BDD | USAF | | 130 | 0 | 4 | 1962 | 10 | 11-62 | U | -- | -- | -- | 7.0 | 937 |
| 155N054W30AUC1 | J.BARTUSKA | | 450 | 300 | 4 | -- | 48 | -- | S | PM | 2S | -- | -- | 950 |
| 155N054W30ABC2 | J.BARTUSKA | | 380 | 378 | 4 | 1948 | 50 | -- | S | PM | 2S | -- | -- | 950 |
| 155N054W31CDD | A.BURRIS | | 380 | 378 | 4 | 1957 | 60 | -- | K | PM | 2S | -- | -- | 965 |
| 155N054W36AAA | USGS 721 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 875 |
| 155N054W36ADA | USGS 720 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 880 |
| 155N054W36ADD | USGS 719 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 875 |
| 155N054W36DAA1 | USGS 717 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 875 |
| 155N054W36DAA2 | USGS 718 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 875 |
| 155N055W01AAA | B.GREICER | | 150 | -- | 2 | -- | 60 | -- | S | 41 | 7T | 7 | -- | 940 |
| 155N055W02B6A | J.GREICER | | 390 | 388 | 3 | -- | 60 | -- | K | PM | 2F | -- | -- | 965 |
| 155N055W03GDD | E.BGTNER | | 15 | -- | 30 | -- | 3 | -- | U | 02 | 9S | 5 | -- | 991 |
| 155N055W04BDC | USAF | | 130 | 0 | 4 | 1962 | 6 | 10-62 | U | 02 | 8Q | -- | 10.0 | 1030 |
| 155N055W05ACC | L.DELVO | | 18 | 18 | 30 | -- | 13 | 9-67 | S | 02 | 7S | 4 | -- | 1062 |
| 155N055W08DAC | A.DANTE | | 9 | 10 | 24 | -- | 6 | 9-67 | H | 02 | 9S | 5 | -- | 1105 |
| 155N055W090DD | L.GRINTER | | 365 | 360 | 2 | 1932 | 80 | -- | S | PM | 2S | -- | -- | 1027 |
| 155N055W108BA1 | A.JELINEK | | 27 | 27 | 30 | 1920 | 23 | -- | H | 02 | 7S | 4 | -- | 1010 |
| 155N055W108BA2 | A.JELINEK | | 508 | 506 | 3 | 1945 | 90 | -- | S | PM | 2S | -- | -- | 1015 |
| 155N055W13C6A | H.MAXWELL | | 425 | -- | -- | 1918 | 60 | -- | S | PM | 2S | 7 | -- | 967 |
| 155N055W158BA1 | L.GRINTER | | 26 | 26 | 48 | 1920 | 6 | 7-67 | S | 02 | 8Q | 6 | -- | 1020 |
| 155N055W158BA2 | L.GRINTER | | 457 | 455 | 2 | 1939 | 80 | -- | U | PM | 2S | 6 | -- | 1020 |
| 155N055W18CDB | W.INFELD | | 55 | 52 | 36 | 1914 | 52 | -- | H | 31 | 2S | 4 | -- | 1170 |
| 155N055W20DCC | G.HOLTER | | 41 | 38 | 8 | 1900 | 20 | -- | S | 02 | 7S | 6 | 7.0 | 1145 |
| 155N055W25CCB | U.SEILSTAD | | 441 | -- | 4 | -- | 90 | -- | S | PM | -- | 7 | -- | 985 |
| 155N055W2688B | NDSWC 5025 | | 260 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1024 |
| 155N055W28AUA | E.KOTASKA | | 15 | 15 | 36 | 1920 | 7 | 8-67 | S | 02 | 7S | 4 | 10.0 | 1055 |
| 155N055W29BAA | NDSWC 5033 | | 340 | 0 | 5 | 1968 | -- | -- | U | -- | -- | -- | -- | 1180 |
| 155N055W32ABB | W.GORDER | | 54 | 54 | 48 | -- | 54 | -- | H | 41 | 8T | -- | -- | 1070 |
| 155N055W33BBA | E.JERGENSEN | | 13 | 13 | 6 | -- | 7 | 8-67 | U | 02 | 7S | 6 | -- | 1120 |
| 155N055W33BBB | NDSWC 5026 | | 300 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1125 |
| 155N055W36DCC | J.MUIR | | 8 | 8 | 72 | -- | 5 | 7-67 | S | 02 | 7S | -- | -- | 987 |
| 155N056W01D6A | I.AAFEDT | | 22 | 22 | 8 | -- | 17 | 7-67 | U | 02 | 7Q | -- | -- | 1154 |
| 155N056W01B8C | U.S.ARMY 6 | | 35 | 25 | 12 | 1968 | 15 | 11-68 | A | 03 | 8G | -- | -- | 1146 |
| 155N056W01D6D | U.S.ARMY 7 | | 36 | 26 | 12 | 1968 | 14 | 11-68 | A | 03 | 8G | -- | -- | 1143 |
| 155N056W028BB | US ARMY | | 46 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1173 |
| 155N056W028CB | US ARMY | | 50 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1167 |
| 155N056W02C6B | US ARMY | | 44 | -- | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1164 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|------------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 155N056W02UAD | U.S. ARMY 8 | | 34 | 24 | 12 | 1968 | 15 | 11-68 | A | 03 | 8G | -- | -- | 1142 |
| 155N056W02UUD1 | S. SKIBICKI | | 20 | 20 | 36 | 1961 | 12 | -- | S | 03 | 9S | -- | -- | 1140 |
| 155N056W02UUD2 | U.S. ARMY 9 | | 34 | 24 | 12 | 1968 | 16 | 11-68 | A | 03 | 8G | -- | -- | 1140 |
| 155N056W03UCC | US ARMY | | 44 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1165 |
| 155N056W04BGB | NDSWC 2938 | | 220 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1180 |
| 155N056W05BAB | J. NOVAK | | 20 | -- | 36 | -- | 15 | -- | K | 03 | 7R | -- | -- | 1205 |
| 155N056W06AAA | F. HILT | | 45 | -- | 36 | 1965 | 30 | -- | S | 41 | 8T | -- | -- | 1250 |
| 155N056W07ABC | NOVAK BROS | | 60 | -- | 36 | 1964 | 30 | -- | S | 41 | 8T | -- | -- | -- |
| 155N056W08BAA1 | M. CRAMTON | | 34 | 34 | 18 | 1961 | 17 | -- | S | 41 | 6Q | 5 | 6.0 | 1210 |
| 155N056W08BAA2 | M. CRAMTON | | 27 | 27 | 18 | 1903 | 9 | 7-67 | U | 41 | 8P | -- | -- | 1210 |
| 155N056W09CCC | NDSWC 2940 | | 200 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1187 |
| 155N056W09UCC | J. HAGEN | | 40 | 40 | 72 | 1963 | 30 | -- | H | 03 | 9S | -- | -- | 1180 |
| 155N056W11AAD | U.S. ARMY 10 | | 35 | 25 | 12 | 1968 | 19 | 11-68 | A | 03 | 8G | -- | -- | 1146 |
| 155N056W11CBB | US ARMY | | 44 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1162 |
| 155N056W12CBB | J. MCGAVIN | | 18 | 18 | 24 | 1925 | 10 | -- | H | 03 | 8G | -- | -- | 1139 |
| 155N056W12LCC | J. HOLWEKDA | | 25 | 25 | 36 | 1935 | 20 | -- | S | 03 | 8G | -- | -- | 1140 |
| 155N056W12CCD | NDSWC 2935 | 250 | 35 | 32 | 1 | 1968 | 16 | 7-68 | U | 31 | 8G | 4 | 6.0 | 1145 |
| 155N056W13CCC | J. MCGAVIN | | 28 | 28 | 24 | -- | 22 | -- | S | 03 | 7R | -- | -- | 1150 |
| 155N056W15CCC | NDSWC 5701 | | 60 | 0 | 4 | 1970 | -- | -- | U | -- | -- | -- | -- | 1150 |
| 155N056W16CCA | C. MOASTAD | | 30 | 30 | 18 | -- | 20 | -- | S | 03 | 7R | -- | -- | 1185 |
| 155N056W17BBA | W. PFANNSMITH | | 50 | -- | 8 | -- | 40 | -- | S | 03 | 7R | -- | -- | 1230 |
| 155N056W18UUC | W. MOKSTAD | | 45 | -- | 16 | 1945 | 35 | -- | S | 03 | 7R | -- | -- | 1250 |
| 155N056W19ABA | E. PFANNSMITH | | 15 | -- | 36 | 1961 | 7 | 8-67 | H | 03 | 7R | 6 | -- | 1200 |
| 155N056W20BUC | F. PFANNSMITH | | 45 | -- | 24 | -- | 20 | -- | H | 03 | 7R | -- | -- | 1250 |
| 155N056W20UDD | M. AMUNDSON | | 50 | -- | 30 | 1967 | 25 | -- | S | 1G | 7S | -- | -- | 1230 |
| 155N056W22AUD | F. BLEMMILL | | 26 | -- | 18 | -- | 23 | 8-67 | S | 03 | 7R | 4 | 5.0 | 1145 |
| 155N056W22CCC | C. SHANNON | | 20 | 20 | 48 | -- | 16 | 7-67 | U | 03 | 7R | -- | -- | 1151 |
| 155N056W23AAA1 | C. AAFEDI | | 30 | 30 | 6 | 1947 | 30 | -- | C | 03 | 7K | -- | -- | 1154 |
| 155N056W23AAA2 | NDSWC 5700 | 60 | 40 | 37 | 1 | 1970 | 29 | 7-70 | U | 03 | 8G | 4 | 9.0 | 1155 |
| 155N056W23UCD | FORDVILLE SPG. | | 0 | 0 | -- | -- | 0 | 6-67 | R | 03 | 7R | 4 | 9.0 | 1110 |
| 155N056W25AAA | V. PUTULNY | | 35 | 35 | 36 | 1900 | 28 | 7-68 | H | 03 | 9S | -- | -- | 1150 |
| 155N056W25AUD | NDSWC 2782 | 280 | 35 | 32 | 4 | 1967 | 23 | 8-67 | U | 03 | 8G | 4 | -- | 1140 |
| 155N056W25BGB | NDSWC 5699 | 240 | 28 | 25 | 1 | 1970 | 25 | 7-70 | U | 03 | 8G | -- | -- | 1144 |
| 155N056W25BCC | A. STANDARD STA. | | 30 | 30 | 8 | 1967 | 27 | 7-67 | C | 03 | 4R | 4 | -- | 1144 |
| 155N056W25BCD | NDSWC 5698 | 50 | 35 | 33 | 6 | 1970 | 24 | 7-70 | U | 03 | 8G | -- | -- | 1144 |
| 155N056W25CAC | SGO LINE RR | | 36 | 36 | 60 | -- | 25 | 10-67 | U | 03 | 7R | -- | -- | 1140 |
| 155N056W25CCD | L. HENRY | | 22 | 20 | 8 | 1947 | 10 | -- | H | 03 | 7R | -- | -- | 1100 |
| 155N056W27CDD | H. RIDGWAY | | 48 | -- | 36 | 1964 | 36 | -- | S | 03 | 7R | -- | -- | 1150 |
| 155N056W28ABB | NDSWC 2941 | | 105 | -- | 4 | 1968 | -- | -- | U | 1G | 7G | -- | -- | 1187 |
| 155N056W28CCB | J. JOHNSTON | | 28 | 28 | 36 | 1920 | 20 | -- | H | 03 | 7S | 5 | -- | 1195 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|-----------------|------------------------|
| 155N050W280CA | VANGSNESS BROS | 70 | -- | 36 | 1940 | 20 | -- | S | 03 | 7S | -- | -- | 1200 | |
| 155N050W29A0B | USAF | 130 | 0 | 4 | 1962 | 11 | 11-62 | U | 01 | 6Q | -- | 10.0 | 1230 | |
| 155N050W29BAA | H.WOOD | 30 | -- | 36 | 1900 | 25 | -- | S | 41 | 6Q | -- | -- | 1250 | |
| 155N050W29UAD | M.BELL | 34 | 34 | 48 | -- | 14 | 8-67 | H | 41 | 6Q | 6 | -- | 1180 | |
| 155N050W30A0C | G.LEIN | 40 | -- | 24 | 1942 | 20 | -- | S | 41 | 8T | -- | -- | 1250 | |
| 155N050W31C0D | NDGS W6 | 18 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1400 | |
| 155N050W31U0C | H.OFFERDAHL | 36 | -- | 9 | 1959 | 13 | -- | S | 41 | 8T | -- | -- | 1250 | |
| 155N050W32B0B | NDSWC 5035 | 280 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1271 | |
| 155N050W32C0D | NDGS W5 | 44 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1270 | |
| 155N050W35A0U | T.AAFEUT | 16 | -- | 6 | 1935 | 12 | -- | H | 03 | 7S | -- | -- | 1120 | |
| 155N050W35UAC | H.MCMILLAN | 16 | -- | 24 | 1920 | 10 | -- | H | 03 | 7S | -- | -- | 1120 | |
| 155N057W1000B | NDSWC 5036 | 280 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1360 | |
| 155N057W0200A1 | W.MCLAUGHLIN | 31 | 31 | 36 | 1912 | 10 | 8-67 | U | 1G | 8G | -- | -- | 1400 | |
| 155N057W0200A2 | W.MCLAUGHLIN | 27 | -- | 36 | 1918 | 13 | 8-67 | U | 1G | 8G | 6 | -- | 1400 | |
| 155N057W0800A | D.ERICKSON | 35 | -- | 36 | 1954 | 20 | -- | U | 41 | 8T | -- | -- | 1500 | |
| 155N057W090CA | E.HOONY | 24 | 24 | 72 | 1950 | 15 | 8-67 | H | 41 | 9T | 5 | -- | 1475 | |
| 155N057W1000D | E.WITASEK | 240 | 238 | 2 | -- | -- | -- | S | PD | 2F | -- | -- | -- | |
| 155N057W1100D | NDSWC 5037 | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1355 | |
| 155N057W16AAC | USAF | 40 | -- | 4 | 1962 | 11 | 4-62 | U | -- | -- | -- | 5.0 | 1460 | |
| 155N057W16ABC | USAF | 130 | -- | 4 | 1962 | 14 | 11-62 | U | 41 | 8T | -- | 6.0 | 1460 | |
| 155N057W16C0C | F.HOONY | 13 | 13 | 36 | 1940 | 7 | 8-67 | S | 41 | 8T | 6 | -- | 1450 | |
| 155N057W17C0D | W.SEIDL | 21 | -- | 60 | 1910 | 12 | -- | K | 41 | -- | 6 | -- | -- | |
| 155N057W18CAC | J.HOONY | 83 | -- | 6 | 1918 | 25 | -- | S | 41 | 8Q | 6 | -- | 1500 | |
| 155N057W20B0A | M.WIPPLER | 48 | -- | 24 | 1958 | 24 | -- | H | 41 | 8T | 5 | -- | 1500 | |
| 155N057W210AA | I.LIEN | 200 | -- | -- | -- | -- | -- | U | PD | 2F | 6 | -- | -- | |
| 155N057W22AAD | C.KELLEY | -- | -- | -- | -- | -- | -- | H | PD | 2F | 5 | -- | -- | |
| 155N057W220AA | D.RUZICKA | 1042 | 1027 | 4 | 1964 | 536 | 3-64 | S | PM | 3S | 7 | -- | 1450 | |
| 155N057W250CC | E.HUSEBY | 25 | 23 | 6 | 1925 | 18 | 8-67 | S | 41 | 8T | -- | -- | 1400 | |
| 155N057W2800C | NDSWC 5040 | 80 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1488 | |
| 155N057W2950A | E.LANSING | 100 | -- | 8 | -- | 58 | -- | U | 41 | 8T | -- | -- | 1450 | |
| 155N057W32BAC | G.JOHNSON | 35 | -- | 6 | 1915 | 25 | 8-67 | S | 41 | 8T | 6 | -- | 1450 | |
| 155N057W3600B | NDSWC 5039 | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1465 | |
| 155N058W03A0D | A.TRENDA | 115 | 50 | 6 | -- | 20 | -- | S | PD | JF | -- | -- | 1570 | |
| 155N058W0300A | H.KALASH | 107 | 50 | 6 | 1950 | 8 | -- | S | PD | JF | -- | -- | 1570 | |
| 155N058W04C0D | E.KARAS | 100 | 50 | 6 | 1951 | 20 | -- | S | PD | JF | -- | -- | 1590 | |
| 155N058W0500D | J.KARAS | 200 | 50 | 6 | -- | 50 | -- | S | PD | JF | -- | -- | 1570 | |
| 155N058W07BAC | C.BINA | 130 | 40 | 6 | 1912 | 18 | -- | S | PD | JF | -- | -- | 1570 | |
| 155N058W08AAC | R.KUVARIK | 80 | -- | 30 | 1964 | 30 | -- | S | PD | JF | -- | -- | -- | |
| 155N058W0800C | M.MARESH | 22 | 22 | 30 | -- | 7 | -- | S | 41 | 7T | -- | -- | 1550 | |
| 155N058W0800C | A.KUVARIK | 93 | 50 | 6 | 1917 | 40 | -- | S | PD | JF | -- | -- | 1550 | |

05

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 155N058W090DB | W. ZAHRADKA | | 100 | 40 | 6 | 1920 | 40 | -- | S | PD | JF | -- | -- | 1550 |
| 155N058W1000A | F. HALVAC | | 60 | 40 | 6 | 1914 | 5 | -- | S | PD | JF | -- | -- | 1550 |
| 155N058W12ADD | D. PICH | | 150 | 45 | 4 | 1964 | 3 | -- | K | PD | JF | -- | -- | 1550 |
| 155N058W13ABC | T. HODNY | | 70 | 50 | 12 | 1927 | 20 | -- | S | PD | JF | -- | -- | 1540 |
| 155N058W13DDD | NOSWC 5038 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1509 |
| 155N058W14CDA | E. BINA | | 71 | -- | 5 | 1965 | 14 | -- | K | PD | JF | 5 | -- | -- |
| 155N058W17C0B | D. KOUBA | | 72 | 50 | 6 | 1951 | 30 | -- | H | PD | JF | -- | -- | 1500 |
| 155N058W17CCD | E. PIC | | -- | -- | -- | 19 | -- | -- | U | PD | 2F | 6 | -- | -- |
| 155N058W17DAB | USAF | | 130 | -- | 4 | 1962 | 19 | 11-62 | U | -- | -- | -- | 6.5 | 1505 |
| 155N058W1900A | T. VASICHEK | | 30 | 28 | 6 | -- | 20 | -- | S | PD | JF | -- | -- | 1525 |
| 155N058W19CCD | T. VASICHEK | | 70 | -- | 6 | -- | 20 | -- | H | PD | JF | -- | -- | 1525 |
| 155N058W200CC | F. PIC | | 59 | 59 | 48 | -- | 17 | 7-67 | U | PD | JF | -- | -- | 1520 |
| 155N058W21ABB | F. SHIREK | | 112 | 45 | 6 | -- | 20 | -- | S | PD | JF | -- | -- | 1520 |
| 155N058W21BBA | G. MAYER | | 100 | -- | 6 | 1910 | -- | -- | K | PD | 2F | 6 | -- | -- |
| 155N058W22LCC | C. HODEK | | 100 | 20 | 4 | 1964 | 40 | -- | S | PD | 2F | -- | -- | -- |
| 155N058W24AAA | S. BOHAC | | 106 | 50 | 6 | 1941 | 25 | -- | S | PD | JF | -- | -- | 1500 |
| 155N058W24CDD | T. HODNY | | 35 | 33 | 2 | -- | 10 | -- | S | PD | JF | -- | -- | 1500 |
| 155N058W25CUC | W. MATEJCEK | | 90 | 50 | 4 | -- | 30 | -- | S | PD | 2F | 7 | -- | 1520 |
| 155N058W2700B | J. RYBA | | 125 | 50 | 6 | 1950 | 20 | -- | S | PD | JF | -- | -- | 1500 |
| 155N058W2800C | G. HANSSEN | | 75 | 50 | 4 | -- | 30 | -- | U | PD | JF | 6 | -- | 1520 |
| 155N058W30ADD | B. MARESH | | 95 | 50 | 6 | -- | 40 | -- | S | PD | JF | -- | -- | 1520 |
| 155N058W3000B | J. VASICEK | | 72 | 45 | 12 | -- | 10 | -- | H | PD | JF | -- | -- | 1520 |
| 155N058W31D0B | T. LILLEHAUGEN | | 62 | 50 | 4 | 1957 | 25 | -- | H | PD | JF | 6 | -- | 1530 |
| 155N058W3200C | A. LILLEHAUGEN | | 98 | 50 | 6 | -- | 15 | -- | S | PD | JF | -- | -- | 1520 |
| 155N058W34CDA | C. MAIN | | 129 | 50 | 6 | -- | 12 | -- | S | PD | JF | -- | -- | 1500 |
| 155N058W3400C | J. SHIREK | | 45 | 45 | 36 | 1947 | 12 | -- | S | PD | JF | -- | -- | 1500 |
| 155N058W3600A | J. JOHNSON | | 90 | 45 | 6 | 1927 | 30 | -- | S | PD | JF | -- | -- | 1500 |
| 155N059W03AAC | J. PESEK | | 115 | 50 | 4 | 1966 | 18 | -- | H | PD | JF | -- | -- | 1530 |
| 155N059W03BBA | L. BINA | | 130 | 50 | 4 | -- | 14 | -- | H | PD | JF | -- | -- | 1530 |
| 155N059W0300C | J. BINA | | 140 | 50 | 6 | 1925 | 15 | -- | S | PD | JF | -- | -- | 1525 |
| 155N059W0700B | L. BUSH | | 200 | 50 | 4 | 1961 | 25 | -- | S | PD | JF | -- | -- | 1520 |
| 155N059W0800A | J. JONAS | | 108 | 50 | 4 | 1960 | 20 | -- | S | PD | JF | -- | -- | 1520 |
| 155N059W0900B | R. MATEJCEK | | 100 | 45 | 6 | 1910 | 25 | -- | S | PD | JF | -- | -- | 1520 |
| 155N059W1000A | L. PISEK | | 136 | -- | 6 | 1946 | 30 | -- | S | PD | 2F | -- | -- | 1525 |
| 155N059W1000D | J. KUBAT | | 40 | 38 | 4 | 1958 | 7 | -- | S | PD | JF | -- | -- | 1525 |
| 155N059W13AAC | J. PIC | | 80 | 46 | 4 | 1964 | 20 | -- | S | PD | JF | -- | -- | 1525 |
| 155N059W1300C | D. RYBA | | 75 | 50 | 6 | 1917 | 20 | -- | S | PD | JF | -- | -- | 1525 |
| 155N059W1400A | A. BINA | | 100 | 98 | 6 | 1946 | 14 | -- | S | PD | 2F | -- | -- | 1525 |
| 155N059W1400D | H. PIC | | 50 | 45 | 6 | 1917 | 30 | -- | H | PD | JF | -- | -- | 1525 |
| 155N059W15AAD | J. SWEED | | 110 | 105 | 6 | 1961 | 40 | -- | S | PD | JF | -- | -- | 1525 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 155N059W16ACB | T. BINA | | 80 | 80 | 4 | 1907 | 40 | -- | S | PD | JF | -- | -- | 1520 |
| 155N059W16DDC | E. KUBAT | | 114 | 50 | 6 | 1937 | 40 | -- | K | PD | JF | 5 | -- | 1520 |
| 155N059W17DCC | E. MILLER | | 110 | 50 | 4 | 1964 | 18 | 9-64 | S | PD | JF | 6 | -- | 1520 |
| 155N059W18CCD | M. MAIXNER | | 225 | 50 | 4 | 1964 | 20 | -- | S | PD | JF | -- | -- | 1525 |
| 155N059W18CDD | M. MAIXNER | | 24 | -- | -- | 1948 | 14 | -- | K | 41 | 71 | 6 | -- | 1520 |
| 155N059W19DDC | C. MAIXNER | | 88 | -- | 6 | 1959 | 30 | -- | H | PD | 2F | -- | -- | 1520 |
| 155N059W20ABB | D. MAIXNER | | 90 | 84 | 4 | 1960 | 20 | -- | S | PD | 2F | -- | -- | 1525 |
| 155N059W21DCC | E. MATEJCEK | | 110 | -- | 4 | 1966 | 30 | -- | S | PD | 2F | -- | -- | 1525 |
| 155N059W22AAB | T. MATEJCEK | | 95 | -- | 5 | 1961 | 25 | -- | K | PD | 2F | 6 | -- | -- |
| 155N059W22ABD | T. MATEJCEK | | 96 | 40 | 4 | 1960 | 12 | -- | H | PD | 2F | -- | -- | 1525 |
| 155N059W22BBB | NDSWC 5043 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1525 |
| 155N059W22BBD | J. HERDA | | 137 | -- | 4 | 1962 | 25 | -- | K | PD | 2F | 5 | -- | 1525 |
| 155N059W24BCA1 | G. KLUG | | 100 | 50 | 6 | -- | 20 | -- | S | PD | JF | -- | -- | 1525 |
| 155N059W24BCA2 | G. KLUG | | 70 | -- | 5 | 1950 | 10 | -- | H | PD | 2F | 6 | -- | 1325 |
| 155N059W25CCD | M. MATEJCEK | | 90 | 50 | 6 | 1930 | 12 | -- | S | PD | JF | -- | -- | 1530 |
| 155N059W26DAC | S. GUST | | 123 | 62 | 4 | 1966 | 15 | 8-66 | H | PD | 2F | -- | -- | 1540 |
| 155N059W27AAC | M. SVERCL SR. | | 50 | 45 | 6 | 1917 | 15 | -- | K | PD | JF | -- | -- | 1530 |
| 155N059W30AAD | J. BOSCH | | 115 | 109 | 4 | 1964 | 18 | 9-64 | S | PD | JF | -- | -- | 1525 |
| 155N059W30CCD | C. MILLER | | 150 | 30 | 4 | 1966 | 30 | -- | S | PD | JF | -- | -- | 1510 |
| 155N059W32BBB | NDSWC 5042 | | 180 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1515 |
| 155N059W32CDA | C. PISHTEK | | 150 | 77 | 4 | 1964 | 20 | 9-64 | S | PD | JF | -- | -- | 1540 |
| 155N059W33AAA | H. PECKA | | 85 | 50 | 6 | 1964 | 25 | -- | S | PD | 2F | -- | -- | 1540 |
| 155N059W35CBA | E. HODEK | | 108 | 30 | 4 | 1966 | 20 | -- | H | PD | JF | -- | -- | 1530 |
| 155N059W36BAB | C. SKALICKY | | 100 | 30 | 6 | 1912 | 18 | -- | S | PD | JF | -- | -- | 1540 |
| 156N051W03AAB | M. TESKE | | 16 | -- | 12 | 1957 | 8 | -- | H | 01 | 6Q | -- | -- | 802 |
| 156N051W03UCD | A. KORCZAK | | 138 | -- | 2 | -- | F | -- | S | 41 | 8T | 6 | -- | 802 |
| 156N051W06CCA | M. GREMBOWSKI | | 117 | 115 | 2 | -- | 5 | -- | K | 41 | 8T | -- | -- | 808 |
| 156N051W08ADC | D. GORNOWICZ | | 14 | 14 | 36 | 1953 | 2 | -- | H | 01 | 6Q | 4 | -- | 805 |
| 156N051W088BA | E. SCHUSTER | | 141 | -- | 2 | 1898 | F | -- | H | 41 | 8T | -- | -- | 806 |
| 156N051W09BCA | H. SCHUSTER | | 140 | 138 | 2 | -- | 4 | -- | S | 41 | 8T | -- | -- | 806 |
| 156N051W09DUD | V. STOLTMAN | | 14 | -- | 36 | -- | 4 | -- | K | 01 | 6Q | -- | -- | 803 |
| 156N051W11AAB | J. KIEDROWSKI | | 150 | 148 | 2 | 1910 | F | -- | S | 41 | 8T | -- | -- | 803 |
| 156N051W12DDC | D. GRABANSKI | | 20 | -- | 48 | -- | -- | -- | S | 01 | 7P | 6 | -- | 800 |
| 156N051W13AAC | S. ROGALLA | | 28 | -- | 28 | -- | 20 | -- | S | 01 | 7P | -- | -- | 800 |
| 156N051W13BDD | F. EBERTOWSKI | | 25 | -- | 30 | -- | 15 | -- | K | 01 | 7P | -- | -- | 803 |
| 156N051W148BB | S. PERKEREWICZ | | 175 | 173 | 4 | -- | F | -- | S | 41 | 8T | -- | -- | 799 |
| 156N051W188BC | F. STOLTMAN | | 14 | 14 | 48 | -- | 10 | -- | K | 01 | 7P | -- | -- | 811 |
| 156N051W188CB | D. SWEATHAN | | 16 | 16 | 24 | -- | 8 | -- | H | 01 | 7P | 5 | -- | 810 |
| 156N051W19DDC1 | V. KAMROWSKI | | 11 | 11 | 48 | 1956 | 6 | -- | H | 01 | 7P | -- | -- | 809 |
| 156N051W19DDC2 | V. KAMROWSKI | | 140 | -- | 2 | 1956 | F | -- | S | 01 | 7P | -- | -- | 809 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N051W24ABD | J. PERKEREWICZ | | 375 | 373 | 2 | 1931 | F | -- | S | -- | -- | -- | -- | 802 |
| 156N051W24ACD | H. SCZEGNY | | 140 | 138 | 2 | -- | F | -- | S | 41 | 8T | -- | -- | 804 |
| 156N051W24CBC | S. BISHUP | | 20 | -- | 12 | 1961 | -- | -- | K | 01 | 7P | -- | -- | 804 |
| 156N051W25ABC | S. PUPAWSKI | | 122 | 137 | 2 | -- | F | -- | S | 41 | 8T | -- | -- | 804 |
| 156N051W25BBC | W. BISHUP | | 30 | -- | 30 | -- | 5 | -- | K | 01 | 7P | -- | -- | 804 |
| 156N051W25CUD | L. KULAS | | 140 | 139 | 2 | 1927 | +3 | 11-67 | S | 41 | 7T | 7 | 6.0 | 803 |
| 156N051W26BDA | S. DURAY | | 250 | -- | 2 | 1908 | 2 | -- | S | -- | -- | -- | -- | 804 |
| 156N051W26UUD | NDSWC 5393 | | 260 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 803 |
| 156N051W28AAD | HIGHWAY DEPT | | 139 | 0 | 3 | 1967 | 10 | 10-67 | U | -- | -- | -- | -- | 793 |
| 156N051W28AUD | HIGHWAY DEPT | | 156 | 0 | 4 | 1968 | 10 | 7-68 | U | -- | -- | -- | -- | 803 |
| 156N051W28BDA | S. KOSMATKA | | 142 | 140 | 2 | -- | 5 | -- | K | 41 | 8T | -- | -- | 805 |
| 156N051W29AAC | H. FELTMAN | | 125 | 123 | 2 | -- | 7 | -- | S | 41 | 8T | -- | -- | 805 |
| 156N051W30BBC | J. KAMRUGWSKI | | 147 | 145 | 2 | 1929 | -- | -- | S | -- | -- | -- | -- | 805 |
| 156N051W30DUA | J. SLOMINSKI | | 140 | 138 | 2 | -- | -- | -- | S | 41 | 8T | -- | -- | 806 |
| 156N051W32BDA | L. BABINSKI | | 124 | -- | 2 | -- | 1 | -- | K | 41 | 8T | 6 | -- | 807 |
| 156N051W32CUA | S. SLOMINSKI | | 138 | 136 | 2 | -- | 5 | -- | S | 41 | 8T | -- | -- | 800 |
| 156N051W32UCA | L. OSTRUMSKI | | 148 | 146 | 2 | -- | F | -- | K | 41 | 8T | -- | -- | 808 |
| 156N051W34AAA | H. BABINSKI | | 265 | 260 | 2 | -- | +10 | 8-67 | S | PM | 2S | 8 | 6.0 | 806 |
| 156N051W36CAA | P. KUSMATKA | | 165 | 163 | 2 | 1920 | +1 | 11-67 | S | PM | 2S | -- | -- | 804 |
| 156N051W36UAD | E. DAUKSAVAGE | | 28 | -- | 32 | 1956 | 10 | -- | S | -- | -- | -- | -- | 804 |
| 156N052W01DAA | A. FELTMAN | | 140 | 138 | 2 | -- | F | -- | S | -- | -- | -- | -- | 810 |
| 156N052W03AAA1 | A. GERSZEWSKI | | 13 | -- | 30 | -- | 9 | -- | H | -- | -- | 5 | -- | 815 |
| 156N052W03AAA2 | A. GERSZEWSKI | | 250 | -- | 2 | 1962 | F | -- | S | -- | -- | -- | -- | 815 |
| 156N052W06BBB | G. CHRISTIE | | 14 | 14 | 30 | 1950 | 6 | 9-67 | S | 01 | 7S | -- | -- | 825 |
| 156N052W07ABD | L. MATTSOON | | 160 | -- | -- | -- | F | -- | S | PM | 2S | 7 | -- | 821 |
| 156N052W09AUC | W. CURRAN | | 16 | 16 | 20 | 1957 | 6 | -- | S | -- | -- | -- | -- | 816 |
| 156N052W11BUC | E. KOWALSKI | | 110 | -- | 2 | -- | F | -- | S | 51 | -- | -- | -- | 814 |
| 156N052W11CBA | R. DANIELSKI | | 16 | -- | 18 | -- | 12 | -- | H | -- | -- | 5 | -- | 813 |
| 156N052W12AAA | W. FELTMAN | | 15 | 13 | 3 | -- | 9 | -- | S | 01 | 6Q | -- | -- | 807 |
| 156N052W14BBC | R. DANIELSKI | | 16 | 16 | 20 | -- | 7 | -- | H | 01 | 6Q | -- | -- | 813 |
| 156N052W17ABB | T. USOWSKI | | 220 | 218 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 820 |
| 156N052W17CCC | F. KERIAN | | 18 | -- | 20 | -- | 4 | 7-68 | H | -- | -- | 6 | -- | 828 |
| 156N052W19UCG | S. MILLER | | 160 | -- | -- | -- | F | -- | S | -- | -- | 7 | -- | 823 |
| 156N052W21ABD | F. RUDNIK | | 18 | -- | 20 | -- | 10 | -- | S | -- | -- | 4 | -- | 817 |
| 156N052W21CCC | R. RUDNIK | | 16 | 16 | 30 | 1961 | 6 | -- | S | 01 | 6Q | -- | -- | 817 |
| 156N052W22UCD | H. RUDNIK | | 20 | -- | 36 | -- | 8 | -- | H | -- | -- | 5 | -- | 815 |
| 156N052W23BUC | F. WYSUCKI | | 16 | -- | 30 | -- | 6 | -- | H | 01 | 6Q | 4 | -- | 814 |
| 156N052W23CCB | J. RUDNIK | | 185 | 183 | 2 | -- | F | -- | S | -- | -- | -- | -- | 814 |
| 156N052W25ABC | L. HELMOSKI | | 20 | 18 | 3 | -- | 6 | -- | S | 01 | 6Q | -- | -- | 811 |
| 156N052W26CUA | H. STOLTMAN | | 23 | 23 | 16 | -- | 6 | -- | U | 01 | 6Q | -- | -- | 814 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N052W27CCL | NUSWC 5394 | | 267 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 816 |
| 156N052W27UCD | E. GUJAJTES | | 155 | -- | 2 | 1962 | F | -- | S | -- | -- | 7 | -- | 816 |
| 156N052W31ACL | MINTO | | 30 | 22 | 16 | 1949 | 9 | -- | U | 1G | 7S | 6 | -- | 823 |
| 156N052W31BCB | USGS 713 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 824 |
| 156N052W31dCC | USGS 712 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 824 |
| 156N052W31Cdb1 | USGS 710 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 824 |
| 156N052W31Cdb2 | USGS 711 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 824 |
| 156N052W34DCA | D. LIZAKOWSKI | | 160 | 158 | 2 | 1900 | F | -- | S | -- | -- | -- | -- | 816 |
| 156N052W35BBA | E. STOLTMAN | | 20 | 20 | 42 | 1929 | 8 | -- | U | 01 | 6Q | -- | -- | 813 |
| 156N052W36BAB | J. MESHEK | | 25 | -- | -- | -- | 7 | -- | U | -- | -- | 6 | -- | 810 |
| 156N052W36UDD | J. STANISLAWSKI | | 16 | 16 | 30 | 1950 | 6 | -- | H | 01 | 6Q | -- | -- | 810 |
| 156N053W01AAB | P. RUSSUM | | 236 | 234 | 2 | 1925 | F | -- | S | PM | 2S | 7 | 8.0 | 827 |
| 156N053W01BAA | NDSWC 5020 | | 220 | -- | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 827 |
| 156N053W02UCD | E. EGELAND | | 150 | -- | -- | -- | F | -- | H | -- | -- | 6 | -- | 832 |
| 156N053W03BBB | C. WRALSTAU | | 150 | 148 | 2 | -- | F | -- | K | 51 | 2S | 6 | 8.0 | 835 |
| 156N053W05ABB | A. JORGENSEN | | 150 | -- | 2 | 1908 | F | -- | U | -- | -- | 6 | -- | -- |
| 156N053W08ABD | GAARDER BRGS. | | 202 | -- | -- | 1948 | F | -- | H | PM | 2S | 6 | -- | -- |
| 156N053W14AAD | H. THOMAS | | 175 | -- | -- | -- | F | -- | H | -- | -- | 6 | -- | 831 |
| 156N053W17AAB | F. VAVROSKY | | 205 | -- | -- | 1900 | F | -- | H | PM | 2S | 7 | -- | -- |
| 156N053W19AAA | J. JANUA | | 225 | -- | -- | 1937 | F | -- | S | PM | 2S | 6 | -- | 853 |
| 156N053W20BAA | J. BURIANEK | | 132 | 0 | 4 | 1963 | -- | -- | U | -- | -- | -- | -- | 845 |
| 156N053W20UUC | I. MCCANN | | 125 | -- | -- | 1959 | F | -- | H | 51 | 2S | 6 | -- | -- |
| 156N053W21AAA | F. UHLIR | | 225 | -- | -- | -- | F | -- | H | PM | 2S | 7 | -- | 839 |
| 156N053W23AAC | J. PHELAN | | 199 | -- | -- | 1918 | F | -- | H | PM | 2S | 6 | -- | 830 |
| 156N053W26UDD | C. GRESKUMIAK | | 220 | -- | 2 | -- | F | -- | H | PM | 2S | 7 | -- | 834 |
| 156N053W28UUC | BARTA BROS | | 239 | -- | 3 | 1961 | F | -- | N | PM | 7G | -- | -- | 841 |
| 156N053W30DCC | J. COSTELLO | | 205 | -- | 2 | 1912 | F | -- | K | PM | 2S | 6 | -- | 843 |
| 156N053W31AAA | NDSWC 5031 | | 220 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 847 |
| 156N053W32CDB | L. TIBERT | | 235 | 233 | 2 | -- | F | -- | H | -- | -- | 7 | -- | 840 |
| 156N053W33DAA | W. KENNEDY | | 412 | 410 | 2 | 1953 | F | -- | H | PM | 2S | 7 | -- | 847 |
| 156N053W33UCD | D. BABINSKI | | 287 | -- | 2 | 1902 | F | -- | U | PM | 2S | 6 | 7.0 | 845 |
| 156N053W35CUC | F. LIZAKOWSKI | | 12 | -- | 18 | -- | 2 | -- | H | -- | -- | 6 | -- | 830 |
| 156N053W36UAD | USGS 709 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 827 |
| 156N053W36UUA | USGS 708 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 827 |
| 156N053W36UDD | USGS 707 | | 50 | 0 | 4 | 1953 | -- | -- | U | -- | -- | -- | -- | 830 |
| 156N054W01CCG | J. JANOUSEK | | 290 | 288 | 2 | 1914 | F | -- | U | PM | 2S | 6 | -- | 860 |
| 156N054W03BAA | J. SUDA | | 205 | 203 | 2 | 1930 | 7 | -- | S | -- | -- | -- | -- | 865 |
| 156N054W03CUD | J. KARNIK | | 310 | 308 | 2 | 1931 | 5 | -- | H | PM | 2S | -- | -- | 860 |
| 156N054W05UAD | E. BELL | | 327 | 325 | 3 | 1917 | 27 | -- | S | PM | 2S | -- | -- | 900 |
| 156N054W09AAA | M. HARAZIM | | 300 | 298 | 4 | -- | 6 | -- | S | PM | 2S | -- | -- | 910 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N054W09C0D | S. NOVAK | | 350 | 348 | 4 | -- | 12 | -- | S | PM | 2S | -- | -- | 910 |
| 156N054W10JAA | F. HOUDEK | | 300 | -- | 2 | 1928 | 4 | -- | K | PM | 2S | 6 | -- | 872 |
| 156N054W12A0D | F. DUSEK | | 200 | -- | 2 | -- | F | -- | S | PM | 2S | 6 | -- | 870 |
| 156N054W13CAA1 | A. PLETKA | | 18 | -- | 30 | 1928 | 8 | 7-68 | H | 01 | -- | 4 | -- | 936 |
| 156N054W13CAA2 | A. PLETKA | | 320 | 318 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 870 |
| 156N054W14BCC | G. DUSEK | | 120 | 110 | 4 | 1957 | 6 | -- | S | 01 | 6Q | -- | -- | 871 |
| 156N054W14BCD | G. DUSEK | | 120 | -- | -- | 1960 | F | -- | K | -- | -- | 6 | -- | -- |
| 156N054W14JCH | C. VOTAVA | | 300 | -- | 2 | -- | -- | -- | S | PM | 2S | 6 | -- | 867 |
| 156N054W14UCC | C. VOTAVA | | 300 | 298 | 2 | -- | F | -- | S | -- | -- | -- | -- | 870 |
| 156N054W15CCB | E. VOTAVA | | 252 | 244 | 4 | 1964 | 15 | 3-64 | S | PM | 2S | 7 | -- | 886 |
| 156N054W17LDC | A. DVORAK | | 295 | 0 | 4 | -- | -- | -- | U | -- | -- | -- | -- | 900 |
| 156N054W19DJA | L. DVORAK | | 295 | 281 | 6 | 1964 | 43 | 11-67 | S | PM | 2S | 7 | 6.0 | 920 |
| 156N054W20AAA | W. DVORAK | | 340 | 335 | 5 | 1912 | 35 | -- | S | PM | 2S | -- | -- | 925 |
| 156N054W20JAA | C. NOVAK | | 300 | 295 | 5 | 1912 | 30 | -- | S | PM | 2S | -- | -- | 925 |
| 156N054W21AAB | V. HOUSKA | | 336 | 334 | 2 | -- | 16 | -- | S | PM | 2S | -- | -- | 920 |
| 156N054W22AAC | B. DVORAK | | 265 | 263 | 2 | -- | 4 | -- | S | PM | 2S | -- | -- | 900 |
| 156N054W23DCC | A. LUTOVSKY | | 300 | -- | 2 | -- | F | -- | S | PM | 2S | -- | -- | 900 |
| 156N054W24A8B | F. SUDA | | 235 | 233 | 2 | 1928 | F | -- | S | PM | 2S | -- | -- | 910 |
| 156N054W24CCC | F. SINDLER | | 300 | 298 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 875 |
| 156N054W25B8B | F. LUTOVSKY | | 315 | 313 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 875 |
| 156N054W25C0D | A. CAYLEY | | 300 | 298 | 2 | -- | F | -- | U | PM | 2S | 7 | -- | 865 |
| 156N054W26ABC | H. DVORAK | | 285 | 283 | 2 | -- | F | -- | S | PM | 2S | -- | -- | 875 |
| 156N054W2688B | J. DVORAK | | 330 | 320 | 2 | 1925 | F | -- | S | PM | 2S | 7 | -- | 875 |
| 156N054W27CCC | J. KRILE | | 315 | -- | 6 | 1914 | 30 | -- | H | PM | 2S | 7 | -- | 890 |
| 156N054W27D8D | M. DOLPH | | 16 | 16 | 30 | -- | 8 | 8-67 | H | 01 | 6Q | 7 | -- | 880 |
| 156N054W28BAA | J. VAVROSKY | | 36 | 36 | 36 | 1961 | 12 | -- | S | 01 | 6Q | -- | -- | 925 |
| 156N054W28C0D | F. SINDLER | | 290 | 285 | 6 | -- | 20 | -- | S | PM | 2S | -- | -- | 825 |
| 156N054W29CAA | USAF | | 130 | 0 | 4 | 1962 | 15 | 10-62 | U | 01 | 6Q | -- | 10.0 | 914 |
| 156N054W30CCC | E. JELINEK | | 300 | -- | 4 | 1941 | 18 | -- | S | PM | 2S | -- | -- | 935 |
| 156N054W32ABA | NDSWC 5378 | 326 | 323 | 317 | 1 | 1969 | -- | -- | U | PM | 2S | 7 | -- | 905 |
| 156N054W32ADA | J. KOUBA | | 290 | 288 | 4 | -- | 15 | -- | S | PM | 2S | -- | -- | 930 |
| 156N054W340AA | C. LUTOVSKY | | 310 | -- | 2 | -- | F | -- | S | PM | 2S | -- | -- | -- |
| 156N054W358DD | M. COFFEY | | 315 | 313 | 2 | 1913 | 7 | -- | S | PM | 2S | -- | -- | -- |
| 156N054W35DDD | L. SCHANI LEC | | 240 | 238 | 2 | 1920 | 2 | -- | S | PM | 2S | 6 | -- | -- |
| 156N054W36CCC | V. SCHANI LEC | | 222 | 220 | 2 | 1927 | F | -- | S | PM | 2S | -- | -- | 860 |
| 156N055W01CCB1 | A. NOVAK | | 335 | -- | 4 | 1957 | 50 | -- | U | PM | 2S | 6 | -- | -- |
| 156N055W01CCB2 | A. NOVAK | | 345 | 343 | 2 | 1958 | 60 | -- | S | PM | 2S | 7 | 7.0 | 936 |
| 156N055W01D8D | USAF | | 130 | 0 | 4 | 1962 | 10 | 11-62 | U | 01 | 6Q | -- | 8.0 | 928 |
| 156N055W03C8B | C. SCHILDBERGER | | 15 | 15 | 24 | 1951 | 8 | 8-67 | H | 02 | 6S | 4 | -- | 965 |
| 156N055W048C0 | F. KOSTOHRIS | | 15 | 15 | 30 | 1935 | 10 | -- | H | 01 | 7S | 4 | -- | 980 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N055W05DUD | NDGS W2 | 24 | 20 | 13 | 1 | 1968 | 9 | 9-68 | U | 02 | 7S | -- | -- | 1000 |
| 156N055W06AAA | NDSMC 2928 | | 280 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1040 |
| 156N055W07ABB | V. STUDENY | | 15 | 15 | 36 | 1935 | 6 | -- | H | 02 | 7S | 5 | -- | 1060 |
| 156N055W07DBA | USAF | | 130 | 0 | 4 | 1962 | 5 | 11-62 | U | 01 | 6Q | -- | 8.0 | 1055 |
| 156N055W07JCC | NDSMC 5376 | | 280 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1071 |
| 156N055W08ABA | E. BINA | | 7 | 7 | 60 | -- | 6 | 5-68 | U | 02 | 6S | -- | -- | 1010 |
| 156N055W09CDD | E. DENAULT | | 15 | 15 | 30 | -- | 7 | -- | S | 01 | 7S | 4 | -- | 995 |
| 156N055W10ABC | J. LISTOPAD | | 25 | -- | 48 | 1955 | 16 | -- | S | 02 | 8Q | 5 | -- | -- |
| 156N055W11AAD | H. JONES | | 17 | 17 | 30 | -- | 16 | 9-67 | U | 01 | 7P | 5 | -- | 940 |
| 156N055W15CCC | NDSMC 5024 | | 220 | -- | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1035 |
| 156N055W15DAA | T. PATOCKA | | 14 | 14 | 18 | -- | 6 | 9-67 | S | 01 | 7P | 6 | -- | 959 |
| 156N055W17ADD | F. LUVCIK | | 25 | 25 | 24 | -- | 20 | -- | S | 01 | 6Q | -- | -- | 1015 |
| 156N055W17CCB | L. LUVCIK | | 9 | 9 | 48 | -- | 7 | -- | S | 02 | 2S | 5 | -- | 1050 |
| 156N055W19CCC | NDSMC 2936 | 400 | 75 | 72 | 1 | 1968 | 59 | 5-68 | U | 51 | 7S | -- | -- | 1190 |
| 156N055W21ABB | G. DENAULT | | 8 | 8 | 36 | 1964 | 4 | 9-67 | H | 02 | 2S | 5 | -- | 990 |
| 156N055W21BBA | M. ZIKMUND | | 21 | 21 | 26 | -- | 4 | -- | U | 02 | 2S | 4 | -- | 1010 |
| 156N055W22DAA | A. ASLAKSON | | 15 | 16 | 24 | -- | 5 | -- | U | 02 | 2S | 5 | -- | 965 |
| 156N055W23CCC | E. PAUR | | 18 | -- | 36 | 1950 | 10 | -- | H | 02 | 2S | 4 | -- | 967 |
| 156N055W25DUC | J. JELINEK | | 25 | -- | -- | -- | 15 | -- | H | 02 | 2S | 5 | -- | 941 |
| 156N055W28DDD | NDGS W3 | 24 | 18 | 16 | 1 | 1968 | 12 | 7-68 | U | 02 | 2S | -- | -- | 1000 |
| 156N055W28AAB | PISEK | | 32 | -- | 36 | 1967 | 16 | 9-70 | P | 02 | 2S | -- | 9.0 | 1000 |
| 156N055W28AAD | J. VISLISEL | | 21 | 22 | 24 | -- | 7 | 9-67 | H | 02 | 6S | 5 | -- | 995 |
| 156N055W30BAA | NDGS W4 | | 19 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1170 |
| 156N055W31ABA | J. WYLIE | | 11 | 11 | 36 | 1937 | 9 | 7-67 | H | 02 | 2S | 4 | -- | 1110 |
| 156N055W32CUC | H. LINDGRIN | | 500 | 500 | 2 | -- | -- | -- | H | PM | 2S | -- | -- | 1160 |
| 156N055W34DCC | E. JELINEK | | 16 | -- | 30 | 1962 | 11 | -- | S | 51 | 2S | 4 | -- | 993 |
| 156N056W01CBB | U.S. ARMY | | 35 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1145 |
| 156N056W02ACC | U.S. ARMY | | 35 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1150 |
| 156N056W02DUD | U.S. ARMY | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1145 |
| 156N056W02ABA | E. PARKE | | 28 | 28 | 24 | -- | 13 | 9-67 | U | 02 | 2S | 4 | -- | 1180 |
| 156N056W02DAA1 | F. HAJICEK | | 100 | 98 | 6 | -- | 15 | -- | H | 02 | 7S | 5 | -- | 1170 |
| 156N056W02JAA2 | F. HAJICEK | | 40 | 40 | 24 | -- | 13 | -- | H | 02 | 6S | -- | -- | 1170 |
| 156N056W03CBB | H. MOEN | | 46 | 46 | 36 | -- | 38 | 8-67 | S | 02 | 2S | 4 | -- | 1190 |
| 156N056W04CCC | NDSMC 2784 | | 180 | 153 | 1 | 1967 | 14 | 9-67 | U | 51 | 8G | 6 | 7.0 | 1185 |
| 156N056W04CCD | P. JOHNSON | | 24 | 24 | 36 | -- | 16 | -- | S | 31 | 8G | -- | -- | 1180 |
| 156N056W05AAA | P. JOHNSON | | 30 | 30 | 30 | -- | 26 | -- | S | 31 | 8G | -- | -- | 1190 |
| 156N056W05CCC | D. WINTHER | | 27 | 27 | 36 | -- | 15 | -- | S | 31 | 8G | -- | -- | 1190 |
| 156N056W06BBA | J. ESPELIEN | | 18 | 18 | 36 | -- | 10 | -- | H | 31 | 8G | -- | -- | 1200 |
| 156N056W08AJA | E. GAARDER | | 25 | 25 | 30 | 1918 | 20 | 8-67 | S | 31 | 9S | -- | -- | 1180 |
| 156N056W08DAD | E. GAARDER | | 672 | 654 | 4 | 1965 | 270 | 2-65 | H | PM | 2S | 7 | -- | 1178 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N056W09UCD | A. FLATEN | | 20 | 20 | 20 | -- | 18 | -- | S | 31 | 7S | -- | -- | 1175 |
| 156N056W11ADD | U.S. ARMY | | 30 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1139 |
| 156N056W11CCC | NDSWC 5375 | 300 | 120 | 117 | 1 | 1969 | 47 | 9-69 | U | 51 | 2S | -- | -- | 1260 |
| 156N056W12ADC | J. DUB | | 105 | 103 | 4 | 1937 | 31 | -- | H | 31 | 6S | 5 | -- | 1160 |
| 156N056W12UUD | A. DUB | | 20 | 20 | 48 | 1920 | 15 | -- | U | 02 | 6S | -- | -- | 1150 |
| 156N056W13AAD | A. SPOONLAND | | 16 | -- | 4 | -- | 12 | 5-68 | U | 1G | 6S | -- | -- | 1220 |
| 156N056W13CCC | NDSWC 5034 | | 360 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1221 |
| 156N056W13UUD | A. DUB | | 24 | 24 | 24 | -- | 23 | 9-67 | U | 41 | 8P | -- | -- | 1180 |
| 156N056W14UGD | J. DUB | | 60 | 60 | 4 | -- | 24 | -- | S | 41 | 6Q | -- | -- | 1250 |
| 156N056W15CAB | R. TROVATTEN | | 50 | 50 | 22 | 1897 | 43 | 8-07 | S | 02 | 2S | 4 | 6.0 | 1190 |
| 156N056W15UCC | NDSWC 2950 | 230 | 23 | 20 | 1 | 1968 | 14 | 8-69 | U | 03 | 8G | 4 | 8.0 | 1168 |
| 156N056W16AAD | A. HYLDEN | | 20 | 20 | 30 | -- | 18 | -- | S | 03 | 9S | -- | -- | 1170 |
| 156N056W16BDA | E. FLATEN | | 33 | 30 | 30 | 1957 | 18 | -- | S | 03 | 7R | -- | -- | 1175 |
| 156N056W16CCB | NDSWC 2763 | | 40 | 28 | 1 | 1967 | 10 | 12-67 | U | 03 | 8G | 4 | 7.0 | 1175 |
| 156N056W16CCC | H. JACOBSON | | 22 | -- | 24 | -- | 18 | -- | S | -- | -- | -- | -- | -- |
| 156N056W16UUC | NDSWC 2951 | 40 | 20 | 17 | 1 | 1968 | 6 | 7-69 | U | 03 | 8G | 4 | -- | 1170 |
| 156N056W17UUD | T. BORGESON | | 20 | 20 | 36 | -- | 17 | -- | S | 03 | 7R | -- | -- | 1175 |
| 156N056W18AAA | NDSWC 5374 | | 180 | 0 | 4 | 1969 | -- | -- | U | 51 | -- | -- | -- | 1195 |
| 156N056W18ADD | J. LAAVEG | | 24 | 24 | 30 | -- | 20 | -- | S | -- | -- | -- | -- | 1250 |
| 156N056W18ADA | P. ANDERSON | | 48 | 48 | 36 | -- | 30 | -- | S | -- | -- | -- | -- | 1250 |
| 156N056W18CCC | NDSWC 5373 | | 120 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1246 |
| 156N056W18DAB | T. CHRISTIANSON | | 12 | 12 | 36 | -- | 10 | -- | S | 31 | 2S | -- | -- | 1176 |
| 156N056W20AAA | S. ANDERSON | | 20 | 20 | 30 | -- | 17 | -- | S | 03 | 7R | -- | -- | 1175 |
| 156N056W20LAA | L. RAMSEY | | 30 | 30 | 36 | 1956 | 15 | -- | H | 41 | 6T | -- | -- | 1190 |
| 156N056W20UUD | J. VORACHEK | | 26 | 26 | 36 | -- | 23 | -- | S | 41 | 7T | -- | -- | 1180 |
| 156N056W21ADD | M. L IDOLE | | 30 | 30 | 30 | -- | 25 | -- | S | 03 | 7R | -- | -- | 1165 |
| 156N056W22BAB | K. RAMSEY | | 22 | 22 | 30 | 1965 | 16 | -- | S | 31 | 2S | -- | -- | 1165 |
| 156N056W22CCD | NDSWC 2931 | | 165 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1165 |
| 156N056W22UUD | NDSWC 2930 | 280 | 57 | 52 | 4 | 1968 | 18 | 5-68 | U | 03 | 8G | 4 | 6.0 | 1170 |
| 156N056W24LCC | NDSWC 2933 | 300 | 35 | 32 | 1 | 1968 | 18 | 7-68 | U | 31 | 8G | 4 | 6.0 | 1166 |
| 156N056W24JAA | L. DUB | | 73 | 68 | 4 | 1956 | 20 | -- | S | 31 | 2S | 5 | -- | 1195 |
| 156N056W25BAB | F. JARUS | | 65 | 65 | 36 | 1900 | 20 | -- | S | 31 | 2S | 4 | -- | 1180 |
| 156N056W25JAU | R. HAJICEK | | 105 | 100 | 3 | 1945 | 30 | -- | S | 31 | 2S | 4 | 7.0 | 1210 |
| 156N056W26ABA | US ARMY | | 35 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1170 |
| 156N056W26ACB | US ARMY | | 56 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1176 |
| 156N056W26ADA | P. PRASKA | | 25 | 25 | 36 | -- | 19 | -- | S | 31 | 2S | -- | -- | 1160 |
| 156N056W26ADD | US ARMY | | 50 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1168 |
| 156N056W26BAB1 | NDSWC 2949 | | 74 | -- | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1180 |
| 156N056W26BAB2 | WALKERS WELL | | 52 | 50 | 10 | -- | 20 | -- | C | 03 | 8G | 4 | -- | 1180 |
| 156N056W26BCC1 | NDSWC 2943 | 80 | 40 | 37 | 1 | 1968 | 18 | 7-68 | U | 31 | 8G | 4 | -- | 1171 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N056W268CC2 | NDSWC 2937 | 80 | 43 | 40 | 1 | 1968 | 18 | 7-68 | U | 31 | 8G | 4 | 7.0 | 1171 |
| 156N056W268CC3 | NDSWC TEST WELL | | 48 | 38 | 8 | 1968 | 18 | 9-68 | U | 03 | 8G | 4 | 6.0 | 1171 |
| 156N056W268CC4 | NDSWC 2955 | 60 | 40 | 37 | 4 | 1968 | 18 | 9-68 | U | -- | -- | -- | -- | 1170 |
| 156N056W26C4B | NDSWC 2945 | 70 | 40 | 37 | 1 | 1966 | 18 | 7-68 | U | 03 | 9S | 4 | -- | 1170 |
| 156N056W26C4C | US ARMY | | 36 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1155 |
| 156N056W26UAD | A. PRASKA | | 28 | 28 | 36 | -- | 23 | 8-67 | S | 31 | 2S | 4 | 7.0 | 1165 |
| 156N056W26UBC1 | U.S. ARMY 1 | | 56 | 46 | 12 | 1968 | 34 | 10-68 | A | 03 | 8G | -- | -- | 1174 |
| 156N056W26UDC2 | US ARMY D4 | | 60 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1175 |
| 156N056W27ADC | NDSWC 2947 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1170 |
| 156N056W27ADJ1 | NDSWC 2942 | 100 | 45 | 42 | 1 | 1968 | 16 | 5-68 | U | 03 | 8G | 4 | 7.0 | 1170 |
| 156N056W27ADJ2 | NDSWC 2944 | 71 | 40 | 37 | 1 | 1968 | 16 | 5-68 | U | 03 | 8G | 4 | 7.0 | 1170 |
| 156N056W27AUJ3 | NDSWC 2946 | 80 | 40 | 37 | 1 | 1968 | 16 | 5-68 | U | 03 | 8G | 4 | 7.0 | 1170 |
| 156N056W27B8B | J. WARBEM | | 20 | 18 | 2 | 1955 | 15 | -- | H | 03 | 8G | 4 | -- | 1160 |
| 156N056W27UAD | NDSWC 2948 | 85 | 20 | 18 | 5 | 1968 | 15 | 5-68 | U | 03 | 8G | 4 | 5.0 | 1168 |
| 156N056W28ABA | NDSWC 2932 | | 260 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1160 |
| 156N056W29AAA | R. BORGESON | | 28 | 28 | 36 | -- | 20 | -- | S | 31 | 8T | -- | -- | 1175 |
| 156N056W29ABC | USAF | | 130 | 0 | 4 | 1962 | 9 | 11-62 | U | 01 | 6Q | -- | 7.0 | 1175 |
| 156N056W29DAA | E. BORGESON | | 25 | 25 | 30 | -- | 18 | -- | H | 31 | 6S | -- | -- | 1170 |
| 156N056W30BAB | A. ROSE | | 20 | 20 | 48 | -- | 18 | -- | S | 41 | 6T | -- | -- | 1285 |
| 156N056W30UAD | C. NUVAK | | 33 | 33 | 36 | -- | 13 | -- | S | 41 | 6T | -- | -- | 1285 |
| 156N056W31CUA | E. NUVAK | | 25 | 25 | 30 | -- | 10 | -- | H | 41 | 6T | -- | -- | 1285 |
| 156N056W32CDD | G. JACOBSON | | 24 | 24 | 30 | -- | 15 | -- | S | 41 | 7T | -- | -- | 1200 |
| 156N056W33CGB | D. MILLER | | 27 | 27 | 36 | 1949 | 20 | -- | H | 31 | 7S | 4 | -- | 1160 |
| 156N056W34AUB | US ARMY | | 28 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1165 |
| 156N056W34UCC | NDSWC 2939 | 65 | 40 | 37 | 1 | 1968 | 24 | 7-68 | U | 03 | 8G | 4 | -- | 1172 |
| 156N056W35AA01 | U.S. ARMY | | 45 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1155 |
| 156N056W35AA02 | U.S. ARMY 3 | | 40 | 30 | 12 | 1968 | 18 | 11-68 | A | 03 | 8G | -- | -- | 1155 |
| 156N056W35ABA | U.S. ARMY 2 | | 42 | 31 | 12 | 1968 | 20 | 11-68 | A | 03 | 8G | -- | -- | 1157 |
| 156N056W35ACC | A. MACHOVSKY | | 30 | 28 | 2 | -- | 14 | -- | H | 03 | 8G | -- | -- | 1150 |
| 156N056W35CBB | US ARMY | | 52 | 0 | 6 | 1968 | -- | -- | U | 03 | 9S | -- | -- | 1172 |
| 156N056W35UAA | U.S. ARMY 4 | | 30 | 20 | 12 | 1968 | 18 | 11-68 | A | 03 | 8G | -- | -- | 1150 |
| 156N056W36CC1 | NDSWC 2934 | 280 | 30 | 27 | 1 | 1968 | 7 | 7-68 | U | 31 | 8G | 4 | 6.0 | 1145 |
| 156N056W36CC2 | US ARMY 5 | | 32 | 22 | 12 | 1968 | 6 | 10-68 | A | 03 | 8G | -- | -- | 1145 |
| 156N056W36DAA | F. DUB | | 108 | 105 | 3 | 1949 | 80 | 4-67 | S | 51 | 7R | 4 | 7.0 | 1080 |
| 156N056W36UDD | NDSWC 5377 | | 380 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1207 |
| 156N057W02CCC | G. SWARTZ | | 23 | -- | 36 | -- | 7 | 8-68 | S | PD | 2F | 6 | -- | -- |
| 156N057W04BBB | D. SKORHEIM | | 11 | -- | 48 | -- | 6 | -- | S | -- | -- | 5 | -- | -- |
| 156N057W06AUB | C. STOLTZ | | 40 | -- | 5 | 1950 | 18 | -- | H | -- | -- | 5 | -- | -- |
| 156N057W07UAD | G. NYGREN | | 24 | -- | 36 | 1960 | 14 | 8-68 | H | -- | -- | 5 | -- | -- |
| 156N057W09UCC | N. CARLSON | | 70 | 12 | 6 | 1963 | 20 | -- | H | -- | -- | 5 | -- | -- |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N057W1388A | E. UDBY | | 48 | -- | 24 | 1963 | 20 | -- | S | -- | -- | 6 | -- | -- |
| 156N057W168CA | R. CARLSON | | 60 | 60 | 6 | 1962 | 8 | -- | U | 31 | 2S | -- | -- | 1450 |
| 156N057W19C8B | J. KARAS | | 115 | -- | 5 | 1962 | 20 | -- | S | PD | 2F | 6 | -- | -- |
| 156N057W20AAU | R. SWARTZ | | 27 | -- | -- | 1900 | 18 | 8-68 | K | 1G | 2S | 4 | -- | -- |
| 156N057W23UAA | VILL OF LANKIN | | 30 | 30 | 30 | 1934 | 8 | -- | U | 4I | 6Q | -- | -- | 1350 |
| 156N057W24ADA | H. HAGEN | | 15 | -- | 36 | -- | 12 | -- | K | -- | -- | 6 | -- | -- |
| 156N057W258CC | F. STICHA | | 35 | 10 | 60 | -- | 24 | 8-68 | U | PD | 2F | 6 | -- | -- |
| 156N057W278AB | G. LINDELL | | 13 | -- | 30 | 1955 | 13 | 6-68 | U | -- | -- | 5 | -- | -- |
| 156N057W278AD | G. LINDELL | | 165 | -- | 5 | 1956 | 20 | -- | S | PD | 2F | 6 | -- | -- |
| 156N057W28BAC | USAF | | 129 | -- | 4 | 1962 | 14 | 10-62 | U | PD | 2F | -- | 8.0 | 1250 |
| 156N057W29ABD | W. KRATOVHIL | | 22 | -- | -- | 1938 | -- | -- | H | 4I | 8T | 5 | -- | -- |
| 156N057W29ACC | W. KRATOVHIL | | 98 | -- | 3 | 1938 | 3G | -- | S | PD | 2F | 7 | -- | -- |
| 156N057W30C8C | J. SWARTZ | | 26 | -- | 48 | -- | 11 | 9-68 | U | 1G | 7S | 4 | -- | -- |
| 156N057W31DCC | L. SMERECK | | 31 | -- | 48 | 1930 | 12 | 8-68 | S | PD | 2F | 6 | -- | -- |
| 156N057W3388A | E. SOUKUP | | 30 | -- | 30 | 1908 | 26 | -- | H | PD | 2F | 6 | -- | -- |
| 156N057W36GCC | S. CAPP | | 20 | -- | 30 | -- | 12 | -- | H | 4I | -- | 6 | -- | -- |
| 156N058W02AAA | F. LEVANG | | 33 | 33 | 6 | -- | 20 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W03AAD | C. HENDRICKSON | | 103 | 30 | 6 | 1938 | 20 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W0388B | H. SUKSTURF | | 115 | 35 | 4 | 1965 | 30 | -- | H | PD | 2F | -- | -- | 1570 |
| 156N058W058AA | A. SKAVHAUG | | 110 | 35 | 6 | -- | 40 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W050DD | D. HEFFTA | | 85 | 30 | 4 | 1966 | 10 | -- | S | PD | 2F | -- | -- | 1560 |
| 156N058W06AAA | G. LINSTAD | | 140 | 35 | 6 | -- | 30 | -- | S | PD | 2F | -- | -- | 1550 |
| 156N058W06GDC | A. SJOBORG | | 158 | 35 | 6 | 1953 | 2 | -- | S | PD | 2F | -- | -- | 1550 |
| 156N058W08AAA | NDSWC 5045 | | 60 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1550 |
| 156N058W098CA | S. BAKKE | | 110 | 30 | 6 | -- | 30 | -- | S | PD | 2F | -- | -- | 1550 |
| 156N058W11ADA1 | D. BLYIN | | 130 | 30 | 6 | 1955 | 20 | -- | H | PD | 2F | -- | -- | 1550 |
| 156N058W11ADA2 | D. BLYIN | | 90 | 35 | 6 | 1963 | 18 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W128AB | E. DREVECKY | | 140 | 40 | 6 | 1954 | 20 | -- | S | PD | 2F | -- | -- | 1590 |
| 156N058W140DD | J. PICH | | 90 | 35 | 6 | 1920 | 14 | -- | H | PD | 2F | -- | -- | 1570 |
| 156N058W15CCD | J. KOSUBUD | | 120 | 35 | 48 | 1963 | 30 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W150DD | F. SHIREK | | 100 | 35 | 6 | -- | 60 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W16C8B1 | M. BATA | | 80 | 30 | 6 | 1965 | 15 | -- | H | PD | 2F | 6 | -- | 1570 |
| 156N058W16C8B2 | M. BATA | | 140 | 35 | 6 | -- | 20 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W16DUA | F. SHIREK | | 92 | 35 | 6 | 1967 | 65 | -- | S | PD | 2F | 6 | -- | 1570 |
| 156N058W17UAD | L. BATA | | 180 | 40 | 5 | 1953 | 18 | -- | K | PD | 2F | 7 | -- | 1560 |
| 156N058W18CCC | G. MILLER | | 150 | 45 | 6 | -- | 50 | -- | S | PD | 2F | -- | -- | 1560 |
| 156N058W18CUD | G. MILLER | | 80 | 32 | 6 | -- | 25 | -- | S | PD | 2F | 6 | -- | 1560 |
| 156N058W19C8B | J. KOVARIK | | 85 | -- | 6 | 1952 | 30 | -- | H | PD | 2F | 6 | -- | 1560 |
| 156N058W22CUB | USAF | | 130 | -- | 4 | 1962 | 11 | 10-62 | U | -- | -- | -- | 7.0 | 1570 |
| 156N058W22DDD | L. KADLEC | | 70 | 50 | 6 | -- | 54 | -- | U | PD | 2F | -- | -- | 1570 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 156N058W23ACC | M.KADLEC | | 103 | 65 | 6 | 1964 | 21 | -- | S | PD | 2F | -- | -- | 1570 |
| 156N058W25ADA | W.PICK | | 25 | 25 | 36 | -- | 13 | -- | S | -- | -- | -- | -- | 1570 |
| 156N058W27ABB | F.STICHA | | 36 | 36 | 60 | -- | 12 | 10-67 | U | 41 | 8T | 6 | -- | 1570 |
| 156N058W27BBD | T.KOSUBUD | | 165 | 50 | 5 | 1939 | 40 | -- | S | PD | 2F | 6 | -- | 1570 |
| 156N058W27UJD | L.KADLEC | | 68 | 65 | 4 | 1961 | 50 | -- | H | PD | 2F | -- | -- | 1570 |
| 156N058W29DAD | O.UAHL | | 76 | -- | 6 | 1959 | 35 | -- | H | -- | -- | -- | -- | -- |
| 156N058W3188B | C.KOVARIK | | 20 | 18 | 5 | 1940 | 9 | -- | S | 41 | 8T | -- | -- | 1560 |
| 156N058W32CDD1 | A.SHIMEK | | 135 | 130 | 6 | 1962 | 35 | -- | S | PD | 2F | -- | -- | 1580 |
| 156N058W32CDD2 | A.SHIMEK | | 125 | 120 | 6 | 1964 | 40 | -- | S | PD | 2F | -- | -- | 1580 |
| 156N058W32DDC | A.TRENDA | | 70 | 68 | 6 | 1953 | 30 | -- | S | PD | 2F | -- | -- | 1580 |
| 156N058W33BAA | E.KARAS | | 68 | 68 | 6 | -- | 10 | 10-67 | S | PD | 2F | -- | -- | 1580 |
| 156N058W346AA | W.BROUINA | | 100 | -- | 5 | 1953 | 40 | -- | S | -- | -- | -- | -- | -- |
| 156N058W35DCC | E.SOUKUP | | 125 | -- | 6 | -- | 30 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W0188B | L.ERICKSON | | 92 | -- | 6 | 1930 | 20 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W01DJD | L.WISTE | | 156 | -- | 4 | 1964 | 40 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W0588A | A.LEE | | 93 | -- | 5 | 1956 | -- | -- | -- | PD | 2F | -- | -- | -- |
| 156N059W05DAB | A.LEE | | 93 | -- | 5 | 1955 | 50 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W068DB | M.NYGAARD | | 110 | -- | 6 | 1963 | 35 | -- | H | PD | 2F | 6 | -- | -- |
| 156N059W07CCD | H.BERG | | 160 | -- | 4 | 1964 | 50 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W07DDC | E.PETERSON | | 165 | -- | 5 | -- | 25 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W12UDD | H.JOHNSON | | 110 | -- | 5 | 1958 | 20 | -- | H | PD | 2F | -- | -- | -- |
| 156N059W17CCC | J.PETERSON | | 160 | -- | 4 | -- | 30 | 6-67 | S | PD | 2F | -- | -- | -- |
| 156N059W17UDD | A.PETERSON | | 104 | 100 | 6 | 1939 | 40 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W22CDD | G.PIC | | 130 | -- | -- | -- | 40 | -- | H | PD | 2F | 7 | -- | -- |
| 156N059W23CAA | C.MIDJAAS | | 90 | 90 | 4 | 1967 | 14 | -- | H | PD | 2F | -- | -- | -- |
| 156N059W24CCA | H.LEE | | 80 | -- | 4 | 1967 | 27 | -- | H | PD | 2F | 6 | -- | -- |
| 156N059W2588B | L.PECKA | | 125 | 125 | 6 | -- | 20 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W26DDB | E.PECKA | | 25 | 25 | 36 | -- | 20 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W2788C | M.ZAHRADKA | | 105 | 100 | 4 | -- | 30 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W27DDA | L.ZAHRADKA | | 90 | -- | 4 | 1966 | 30 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W28AAA | NDSMC 5044 | | 40 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1530 |
| 156N059W28CCC | C.ZAHRADKA | | 135 | 130 | 4 | -- | 40 | -- | S | PD | 2F | -- | -- | -- |
| 156N059W29ADB | J.MATEJCEK | | 130 | -- | 3 | 1945 | 35 | -- | S | PD | 2F | 7 | -- | -- |
| 156N059W30CCA | M.HUDSON | | 40 | 38 | 30 | 1950 | 28 | -- | H | PD | 2F | -- | -- | -- |
| 156N059W33ACD | USAF | | 1258 | 1125 | 7 | 1962 | 574 | 10-62 | N | PM | 2S | -- | -- | 1530 |
| 156N059W34CCC | M.PECKA | | 138 | 138 | 4 | 1966 | 130 | -- | S | PD | 2F | -- | -- | -- |
| 157N050W198AB | USGS 723 | | 390 | -- | 3 | 1953 | -- | -- | U | -- | -- | -- | -- | 795 |
| 157N050W198BA | NDGS W14 | | 34 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 809 |
| 157N051W02AAA | A.RASMUSSEN | | 137 | -- | 2 | 1936 | F | -- | S | 41 | 6S | -- | -- | 802 |
| 157N051W03DDU | A.SCHUMACHER | | 150 | -- | 2 | -- | F | -- | S | 41 | 6S | -- | -- | 805 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 157N051W06AAA | NDSWC 5389 | 320 | 203 | 197 | 1 | 1969 | +3 | 8-69 | U | 51 | 7R | 8 | 7.0 | 808 |
| 157N051W09AAD | M.SCHULTZ | | 14 | -- | 24 | -- | 8 | -- | H | 01 | 6Q | 4 | -- | 805 |
| 157N051W13AAB | R.HEINE | | 20 | -- | 3 | 1948 | 15 | -- | S | 01 | 6Q | -- | -- | 799 |
| 157N051W15DUD | HIGHWAY DEPT | | 151 | 0 | 3 | 1967 | 11 | 9-67 | U | -- | -- | -- | -- | 804 |
| 157N051W16UCD1 | H.DIPPLE | | 16 | 16 | 48 | -- | 7 | 9-37 | S | 01 | 7P | -- | 8.0 | 805 |
| 157N051W16UCD2 | H.DIPPLE | | 200 | -- | 2 | 1900 | +9 | 9-37 | S | 41 | 6S | -- | -- | 805 |
| 157N051W22BCC | H.OSUWSKI | | 15 | 15 | 36 | 1935 | 5 | 7-68 | S | 01 | 7P | 4 | 7.0 | 808 |
| 157N051W22CCC | C.SEEBA | | 14 | 14 | 30 | -- | 8 | -- | S | 01 | 7P | 6 | -- | 805 |
| 157N051W22DUD | M.ALTENDORF | | 15 | -- | 48 | -- | 8 | -- | S | 01 | 7P | -- | -- | 804 |
| 157N051W23AUD | E.SCHULTZ | | 15 | -- | -- | -- | 8 | -- | H | 01 | 7P | 4 | -- | 797 |
| 157N051W27AAA | J.ALTENDORF | | 200 | -- | 2 | 1915 | F | -- | S | 41 | 6S | 7 | 7.0 | 804 |
| 157N051W27DUD | HIGHWAY DEPT | | 146 | 0 | 3 | 1968 | F | 4-68 | U | -- | -- | -- | -- | 804 |
| 157N051W28UUD | M.CZAPIEWSKI | | 13 | 13 | 19 | -- | 10 | -- | H | 01 | 6Q | 4 | 7.0 | 805 |
| 157N051W32B6C | F.SCHRANK | | 100 | -- | 2 | -- | -- | -- | H | 01 | 7T | 5 | -- | 806 |
| 157N051W36CCC | NDSWC 5392 | | 300 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 802 |
| 157N052W018CA | D.DEMERS | | 300 | -- | 2 | 1938 | F | -- | H | PM | 2S | 7 | -- | 809 |
| 157N052W05UCD | A.HOVE | | 240 | -- | 2 | -- | F | -- | U | PM | 2S | 7 | 6.0 | 853 |
| 157N052W06BGB1 | D.WILLIAMSON | | 220 | 218 | 2 | 1938 | F | -- | S | PM | 2S | 7 | 8.0 | 827 |
| 157N052W06BGB2 | D.WILLIAMSON | | 500 | 490 | 2 | 1943 | F | -- | S | PM | 2S | 7 | 11.0 | 827 |
| 19 157N052W07UCD | BORDEN FOODS CO | | 317 | 275 | 8 | 1960 | +14 | 3-60 | N | PM | 2S | 7 | -- | 812 |
| 157N052W08BCCD | NDGS W13 | | 24 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 812 |
| 157N052W10C8A | T.THOMPSON | | 256 | -- | 2 | 1948 | F | -- | S | -- | -- | 7 | -- | 817 |
| 157N052W11C8C | NDSWC 5336 | | 710 | 40 | 7 | 1969 | F | -- | U | -- | -- | -- | -- | 805 |
| 157N052W11C8B | J.GGURDE | | 248 | 0 | 2 | 1930 | F | -- | S | 51 | 7S | 7 | -- | 810 |
| 157N052W11CCC | NDSWC 5029 | | 260 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 818 |
| 157N052W11DUC | E.DEMARS | | 160 | 158 | 3 | 1908 | F | -- | S | PM | 2S | 6 | 9.0 | 802 |
| 157N052W16B6C | O.SATHER | | 220 | -- | 2 | 1938 | F | -- | S | PM | 2S | 7 | 8.0 | 822 |
| 157N052W178CA | J.RUZICKA | | 212 | -- | 2 | -- | F | -- | S | PM | 2S | 7 | -- | 820 |
| 157N052W21AAA | R.CAMPBELL | | 225 | 223 | 4 | 1925 | F | -- | H | -- | 2S | 7 | -- | 825 |
| 157N052W276AB | I.EGELAND | | 240 | 238 | 2 | 1920 | F | -- | H | PM | 2S | 7 | -- | 817 |
| 157N052W28AAA | NDSWC 5030 | | 218 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 817 |
| 157N052W30B6C | G.JORANDY | | 160 | -- | 2 | -- | F | -- | H | 41 | 8T | 7 | -- | 823 |
| 157N052W32DUD | W.LINHART | | 100 | -- | 2 | 1960 | F | -- | S | 41 | 8T | 7 | -- | 823 |
| 157N052W36CCC | NDSWC 5391 | | 300 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 806 |
| 157N053W01ADC | G.THOMPSON | | 335 | 335 | 1 | 1960 | F | -- | U | PM | 2S | -- | -- | 832 |
| 157N053W03DAD | H.HOLT | | 180 | -- | 2 | 1909 | F | -- | S | 41 | 8T | -- | -- | 837 |
| 157N053W04ACA | P.CERNIK | | 198 | 196 | 2 | 1904 | F | -- | U | PM | 2S | 7 | -- | 839 |
| 157N053W0463C | E.STARK | | 160 | -- | 2 | 1948 | F | -- | S | 41 | 8T | -- | -- | 843 |
| 157N053W04DAA | B.SWENSON | | 160 | -- | 2 | 1918 | F | -- | U | 41 | 8T | -- | -- | 838 |
| 157N053W05AAB | C.RUTHERFORD | | 170 | -- | 2 | 1900 | F | -- | S | 41 | 8T | -- | -- | 849 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF L.S.D (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|--------------------------|
| 157N053W05A0C | V. DAHL | | 160 | -- | 2 | 1903 | F | -- | U | 41 | 8T | -- | -- | 849 |
| 157N053W05B0C | V. DAHL | | 180 | -- | 2 | 1947 | F | -- | S | 41 | 8T | -- | -- | 848 |
| 157N053W05B0C | G. MONSON | | 320 | -- | 2 | 1887 | F | -- | S | PM | 2S | -- | -- | 853 |
| 157N053W05B0C | L. MOHAGEN | | 168 | -- | 2 | 1918 | F | -- | S | 41 | 8T | -- | -- | 844 |
| 157N053W06B0C | H. LARSON | | 14 | 14 | 12 | 1900 | 7 | 7-67 | H | 01 | 8P | 6 | -- | 860 |
| 157N053W06D0A | E. FUSS | | 169 | -- | 2 | 1911 | F | -- | S | 41 | 8T | -- | -- | 853 |
| 157N053W06D0B | M. LYKKE | | 176 | 176 | 2 | 1932 | F | -- | K | 41 | 8T | -- | -- | 843 |
| 157N053W09A0C | A. JACKSON | | 150 | 150 | 2 | 1937 | F | -- | S | 41 | 8T | -- | -- | 835 |
| 157N053W10A0C | S. DEERICK | | 180 | -- | 2 | 1919 | +8 | -- | S | PM | 2S | 7 | -- | 830 |
| 157N053W10AAA | S. HOLT | | 200 | -- | 2 | 1901 | F | -- | K | PM | 2S | -- | -- | 836 |
| 157N053W10CCA | T. OLSON | | 205 | 200 | 2 | 1919 | F | -- | S | PM | 2S | 7 | -- | 835 |
| 157N053W11D0B | NDSWC 5390 | | 265 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 834 |
| 157N053W13A0C | GRAFTON | | 912 | -- | 6 | 1885 | F | -- | U | -- | 2S | -- | -- | 825 |
| 157N053W13A0C | GRAFTON | | 230 | -- | 2 | -- | F | -- | U | PM | 2S | -- | -- | 825 |
| 157N053W16C0C | A. LARSON | | 200 | 200 | 2 | 1921 | F | -- | U | PM | 2S | 7 | 8.0 | 840 |
| 157N053W16C0B | P. LARSON | | 163 | 153 | 3 | 1949 | +16 | 7-67 | S | 41 | 8T | 7 | 9.0 | 840 |
| 157N053W16C0C | NDSWC 5434 | | 217 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 842 |
| 157N053W16D0B | C. DRUHL | | 160 | 160 | 3 | 1956 | +18 | 7-67 | U | 41 | 8T | 7 | 8.0 | 840 |
| 157N053W17D0C | E. GJEN | | 186 | -- | 2 | 1945 | F | -- | K | PM | 2S | -- | -- | 852 |
| 157N053W17D0C | E. GJEN | | 185 | 185 | 2 | 1919 | F | -- | H | PM | 2S | -- | -- | 849 |
| 157N053W17C0B | C. RAUMIN | | 165 | 163 | 2 | 1910 | F | -- | -- | 41 | 8T | 7 | 8.0 | 840 |
| 157N053W18B0C | C. THOMPSON | | 157 | 155 | 2 | 1949 | +15 | -- | S | 41 | 8T | -- | -- | 859 |
| 157N053W18C0B | S. HOLT | | 200 | 200 | 2 | 1917 | F | -- | S | PM | 2S | -- | -- | 856 |
| 157N053W19A0B | H. LILIAN | | 218 | 216 | 2 | 1927 | F | 7-67 | H | PM | 2S | 7 | -- | 850 |
| 157N053W19C0B | L. LEE | | 200 | 198 | 2 | 1926 | F | -- | S | PM | 2S | 7 | 7.0 | 855 |
| 157N053W20A0D | J. JOHNSON | | 160 | 158 | 2 | 1959 | F | -- | H | 41 | 8T | 7 | -- | 844 |
| 157N053W22A0U | P. CERNIK | | 185 | -- | 2 | 1924 | F | -- | H | 41 | 8T | -- | -- | 836 |
| 157N053W22C0C | H. PRESTING | | 190 | -- | 2 | 1965 | F | -- | S | PM | 2S | -- | -- | 839 |
| 157N053W22C0B | A. PRESTING | | 165 | 165 | 2 | 1914 | +21 | 9-67 | H | 41 | 8T | 7 | 7.0 | 835 |
| 157N053W22D0C | A. TUSHEIM | | 160 | 160 | 2 | 1919 | +9 | 8-67 | U | 41 | 8T | 7 | 8.0 | 835 |
| 157N053W23D0D | S. JOHNSON | | 360 | -- | 2 | 1938 | F | -- | H | PM | 2S | -- | -- | 835 |
| 157N053W27B0C | O. TORSLAA | | 200 | -- | 2 | 1926 | F | -- | S | PM | 2S | -- | -- | 840 |
| 157N053W31D0C | V. SANDER | | 253 | -- | 3 | 1917 | F | -- | H | PM | 2S | -- | -- | -- |
| 157N053W31D0A | V. SANDER | | 150 | 148 | 2 | -- | F | -- | H | 41 | 8T | 6 | -- | -- |
| 157N053W32D0B | E. BREKKE | | 196 | -- | 2 | 1900 | F | -- | S | 41 | 8T | -- | -- | -- |
| 157N053W32D0A | M. TORKELSON | | 200 | -- | 3 | 1900 | F | -- | U | 41 | 8T | -- | -- | -- |
| 157N053W34B0C | N. SANDVIG | | 218 | -- | 2 | 1905 | F | -- | H | 41 | 8T | -- | -- | 840 |
| 157N053W34C0D | C. TORKELSON | | 169 | -- | 2 | 1900 | F | -- | H | 41 | 8T | -- | -- | 841 |
| 157N053W34D0A | A. MOHAGEN | | 218 | -- | 2 | 1907 | F | -- | S | PM | 2S | -- | -- | 837 |
| 157N053W35C0C | M. TWEETEN | | 170 | -- | 2 | 1908 | F | -- | H | 41 | 8T | -- | -- | 835 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 157N053W36C8A | R. MOHAGEN | | 200 | -- | 2 | 1890 | F | -- | K | PM | 2S | -- | -- | 832 |
| 157N053W36C8B | R. MOHAGEN | | 200 | -- | 2 | 1890 | F | -- | H | PM | 2S | 7 | -- | 830 |
| 157N053W36DAA | B. GORDER | | 230 | -- | 4 | 1921 | F | -- | K | PM | 2S | -- | -- | 830 |
| 157N054W01CCD1 | J. THOMPSON | | 200 | 195 | 4 | 1942 | F | 7-67 | U | PM | 2S | 7 | -- | 866 |
| 157N054W01CCD2 | J. THOMPSON | | 12 | 12 | 24 | 1934 | 6 | -- | H | 01 | 7P | 6 | 11.0 | 860 |
| 157N054W02CDD | E. THORSEN | | 16 | 16 | 24 | -- | 10 | 7-67 | H | 01 | 7P | -- | -- | 866 |
| 157N054W02DAA | J. THOMPSON | | 190 | -- | 2 | -- | F | -- | S | 41 | 8T | 6 | -- | 865 |
| 157N054W03CBC | G. MANDERUD | | 18 | 18 | 10 | 1951 | 16 | -- | H | 01 | 7P | -- | -- | 877 |
| 157N054W05DAC | FLATEN FARMS | | 220 | 118 | 4 | 1962 | 13 | -- | S | PM | 2S | -- | -- | 891 |
| 157N054W09DAA | H. TALLACKSON | | 187 | 185 | 4 | 1952 | F | -- | C | 41 | 8T | 7 | -- | 880 |
| 157N054W1GDDA | A. CLEMENSEN | | 14 | 14 | 36 | 1928 | 10 | -- | H | 01 | 7P | 5 | -- | 871 |
| 157N054W12DAA | J. BREKKE | | 200 | 200 | 2 | 1940 | +16 | 7-67 | S | PM | 2S | 7 | 8.0 | 860 |
| 157N054W14AAC | H. BLEGEN | | 22 | 22 | 36 | 1966 | 8 | -- | S | 01 | 7P | 5 | 6.0 | 866 |
| 157N054W1488D | S. SUNDBERG | | 18 | 18 | 24 | 1963 | 10 | 7-67 | U | 01 | 7P | -- | -- | 866 |
| 157N054W15UDA | A. SANDO | | 15 | 14 | 36 | -- | 7 | 7-67 | H | 01 | 7P | -- | -- | 875 |
| 157N054W16ADA1 | A. DALEY | | 17 | 17 | 12 | -- | 10 | 7-67 | S | 01 | 7P | 5 | -- | 885 |
| 157N054W16ADA2 | A. DALEY | | 14 | 14 | 36 | 1936 | 11 | 7-67 | H | 01 | 7P | -- | -- | 885 |
| 157N054W18CUC | L. HANKEY | | 185 | -- | 2 | -- | 20 | -- | S | 41 | 8T | 6 | -- | 917 |
| 157N054W21CCC | NDSWC 5702 | | 240 | 0 | 4 | 1970 | -- | -- | U | -- | -- | -- | -- | 897 |
| 157N054W25CCB | M. HOVE | | 280 | -- | -- | 1952 | F | -- | H | PM | 2S | -- | -- | 867 |
| 157N054W25DDA | B. BIRK | | 200 | -- | 2 | -- | F | -- | H | PM | 2S | 6 | -- | 862 |
| 157N054W28BBC | J. CAMPBELL | | 55 | -- | 3 | -- | 16 | 7-67 | U | 41 | 8T | -- | -- | 896 |
| 157N054W30CBB | G. LARSON | | 350 | -- | 3 | -- | 30 | -- | S | PM | 2S | 7 | 7.0 | 930 |
| 157N054W31C8B | L. NOVAK | | 380 | -- | 4 | 1925 | 30 | -- | S | PM | 2S | 6 | -- | 930 |
| 157N054W36CCD | F. SUDA | | 300 | -- | -- | 1900 | F | -- | S | PM | 2S | 6 | -- | 865 |
| 157N055W02CDD | G. LARSON | | 400 | -- | 4 | 1930 | 100 | -- | H | PM | 2S | 7 | -- | -- |
| 157N055W04CBC1 | V. LINDBERG | | 25 | -- | 24 | -- | 25 | -- | H | 01 | 7P | -- | -- | 1000 |
| 157N055W04CBC2 | V. LINDBERG | | 15 | -- | 24 | -- | 9 | 7-67 | U | 01 | 7P | -- | -- | 1000 |
| 157N055W05AAD1 | A. LARSON | | 17 | 17 | 24 | 1900 | 8 | 7-67 | H | 01 | 7P | 5 | -- | 1000 |
| 157N055W05AAD2 | A. LARSON | | 27 | -- | -- | 1910 | 6 | -- | S | 01 | 7P | 6 | -- | 1000 |
| 157N055W05BBB | NDSWC 5380 | | 280 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1067 |
| 157N055W08BCC | C. CUOMORE | | 11 | -- | -- | -- | 8 | 9-67 | U | 01 | 8P | 4 | -- | 1069 |
| 157N055W14DDC | C. PEOPLES | | 21 | -- | -- | -- | 16 | -- | S | 01 | 8P | 4 | -- | -- |
| 157N055W15AJA | NDSWC 5022 | | 180 | -- | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 940 |
| 157N055W16ACC | USAF | | 130 | 0 | 4 | 1962 | 8 | 10-62 | U | -- | -- | -- | 8.0 | 992 |
| 157N055W16UCC | J. LOUGHEAD | | 22 | -- | 30 | -- | 5 | 8-67 | S | 02 | 8Q | 6 | -- | 991 |
| 157N055W17CCC | C. LEWIS | | 9 | -- | 36 | -- | 7 | 9-37 | U | 02 | 7S | -- | -- | -- |
| 157N055W20BAA | A. STAVEN | | 12 | -- | 30 | -- | 6 | 7-67 | U | 02 | -- | 5 | -- | -- |
| 157N055W2188B | NDSWC 5021 | | 240 | -- | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1050 |
| 157N055W2188C | PARK RIVER | | 496 | -- | 4 | -- | 92 | 5-68 | U | PM | 2S | -- | -- | 1022 |
| | | | | | | | | | | | | | | 975 |

69

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 157N055W22DDD1 | L.HANSEN | | 35 | 35 | 30 | 1958 | 22 | -- | S | 02 | 6Q | 6 | -- | 963 |
| 157N055W220DD2 | L.HANSEN | | 22 | 22 | 30 | -- | 20 | -- | H | 02 | 6Q | 5 | -- | 963 |
| 157N055W220DD | L.HANSEN | | 25 | 0 | 36 | 1968 | 23 | 5-68 | H | 01 | 6S | -- | -- | 960 |
| 157N055W238AA | D.FORD | | 30 | 30 | 36 | -- | -- | -- | H | 01 | 7P | -- | -- | 940 |
| 157N055W23C88 | NDSWC 5379 | | 200 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 942 |
| 157N055W23DCC | MOTEL 17 | | 400 | 397 | 4 | -- | 92 | -- | C | PM | 2S | 7 | -- | 975 |
| 157N055W27DCC | C.JERGENSON | | 40 | 40 | 36 | -- | 12 | 7-67 | H | 01 | 6Q | -- | -- | 965 |
| 157N055W29AUD | N.COLE | | 437 | 421 | 4 | 1965 | 147 | 4-65 | S | PM | 2S | 7 | 7.0 | 1030 |
| 157N055W31AAA | C.KETTLESON | | 15 | -- | 25 | -- | 12 | 9-67 | U | 02 | 7S | 4 | -- | 1085 |
| 157N055W31ABB | F.SVIR | | 20 | -- | 36 | -- | 7 | 9-67 | U | 02 | 7S | -- | -- | 1115 |
| 157N055W33C8B1 | J.PENAS | | 22 | 22 | 30 | -- | 15 | -- | H | 01 | 8P | 6 | -- | 1042 |
| 157N055W33C8B2 | J.PENAS | | 492 | 490 | 2 | 1935 | 130 | -- | S | PM | 2S | 7 | -- | 1042 |
| 157N055W348AA | E.JENSEN | | 18 | 18 | 29 | -- | 12 | -- | H | 01 | 6Q | 6 | -- | 965 |
| 157N055W35888 | NDSWC 5023 | | 200 | -- | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 965 |
| 157N056W01ADC | D.OLSON | | 26 | 26 | 24 | -- | 17 | -- | U | 02 | 6Q | -- | -- | 1120 |
| 157N056W07AAA | NDSWC 2921 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1350 |
| 157N056W07CAA | P.AL MEN | | 12 | 12 | 30 | 1912 | 3 | -- | S | 41 | 7T | -- | -- | -- |
| 157N056W08CCC | NDSWC 2920 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1300 |
| 157N056W09AAA | NDSWC 5431 | | 205 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1232 |
| 157N056W09888 | NDSWC 2923 | | 30 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1190 |
| 157N056W09DCC | D.HYLDEN | | 15 | 15 | 36 | -- | 13 | 9-67 | U | 01 | 9S | -- | -- | 1190 |
| 157N056W10AAA | NDSWC 5430 | | 230 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1197 |
| 157N056W10AAD | R.SEROE | | 56 | 56 | 36 | 1950 | 36 | -- | H | 31 | 9S | -- | -- | 1210 |
| 157N056W10BAB | E.DENCKER | | 65 | 65 | 12 | 1952 | 35 | -- | H | 02 | 7S | -- | -- | 1230 |
| 157N056W11ACB | E.MONSEBROTEN | | 15 | 10 | 8 | -- | F | 9-67 | C | 02 | 2S | 4 | 7.0 | 1180 |
| 157N056W1188C | R.SEROE | | 55 | -- | 18 | 1951 | 30 | 9-67 | H | 02 | 7S | 5 | -- | 1215 |
| 157N056W1288A | L.THOMPSON | | 92 | 92 | 5 | 1912 | 17 | -- | H | 01 | 6Q | 5 | -- | 1140 |
| 157N056W138DD | C.GILBERT | | 14 | -- | 24 | -- | 8 | 9-67 | S | 02 | 7S | 5 | -- | 1140 |
| 155N056W1488B | NDSWC 5429 | | 260 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1212 |
| 157N056W148CC | J.LEWIS | | 70 | 68 | 6 | 1967 | 30 | -- | H | 01 | 8Q | 5 | 7.0 | 1200 |
| 157N056W19AAA | NDSWC 5433 | | 120 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1310 |
| 157N056W19CAA | G.GROVOM | | 44 | 44 | 30 | 1965 | 10 | -- | S | 41 | 7T | -- | -- | -- |
| 157N056W19CDD | D.GROVOM | | 29 | -- | 36 | 1968 | 26 | 5-68 | H | 02 | 6Q | -- | -- | 1105 |
| 157N056W19DCC | S.KJELLAND | | 29 | 29 | 36 | -- | 11 | -- | S | 41 | 7T | -- | -- | -- |
| 157N056W20DCC | NDSG PR3 | | 70 | 0 | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1217 |
| 157N056W20CDD | USAF | | 130 | -- | 4 | 1962 | 24 | 5-62 | U | -- | -- | -- | 6.0 | 1250 |
| 157N056W20DGD | NDSWC 2785 | | 60 | -- | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1250 |
| 157N056W22UCA | USAF | | 130 | -- | 4 | 1962 | 27 | 11-62 | U | 41 | 8T | -- | 10.0 | 1210 |
| 157N056W22UDD | NDSWC 5428 | | 270 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1215 |
| 157N056W23DAC | U.S. GOVERNMENT | | 40 | 37 | 6 | -- | 25 | -- | R | 41 | 8T | 5 | 8.0 | 1100 |

64

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|------------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 157N056W23DBB | US GOVT SPRING | | 0 | 0 | -- | -- | 0 | 4-68 | U | 51 | 2S | 5 | 7.0 | 1120 |
| 157N056W24ABB | U. S. GOVERNMENT | | 40 | 37 | 6 | -- | 35 | -- | R | 41 | 8T | 4 | 8.0 | 1125 |
| 157N056W25BBA | PGRTER AUTO | | 38 | 36 | 4 | 1963 | 23 | -- | H | 02 | 9S | 5 | -- | 1170 |
| 157N056W25CCC | D. LAWSON | | 140 | 138 | 4 | 1915 | 80 | -- | U | 41 | 7S | -- | -- | 1215 |
| 157N056W30AB | NOGS PR2 | | 130 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1273 |
| 157N056W30BBB | H. GROVOM | | 35 | 35 | 18 | -- | 10 | -- | H | PD | 2F | -- | -- | -- |
| 157N056W36CCC | NOSWC 2929 | | 340 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1230 |
| 157N057W09CUD | C. SETNESS | | 40 | 40 | 5 | 1964 | 7 | -- | H | 41 | 8T | -- | -- | 1500 |
| 157N057W110BB | C. NELSON | | 15 | 15 | 24 | 1966 | 11 | -- | H | 41 | 8T | -- | -- | -- |
| 157N057W12AAA | NOSWC 2922 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1310 |
| 157N057W14BB | GUSTAFSON | | 28 | 28 | 36 | 1950 | 12 | -- | H | 41 | 8T | -- | -- | -- |
| 157N057W150UB | V. MONSEBRUTEN | | 22 | -- | 6 | -- | 10 | 6-68 | U | 41 | 8T | 6 | -- | -- |
| 157N057W16CB | R. DAHL | | 68 | 66 | 6 | -- | 19 | 9-67 | U | PD | JF | 6 | -- | 1550 |
| 157N057W19AAB | E. THOMPSON | | 130 | -- | -- | 1958 | 12 | -- | H | PD | JF | 6 | -- | -- |
| 157N057W20ABB | T. SWENSON | | 110 | -- | -- | 1963 | 30 | -- | H | PD | JF | 4 | -- | -- |
| 157N057W21CB0 | USAF | | 130 | -- | 4 | 1962 | 13 | 10-62 | U | PD | 2F | -- | 8.0 | 1525 |
| 157N057W25AA | NOGS PR1 | | 169 | -- | -- | -- | -- | -- | U | -- | -- | -- | -- | 1313 |
| 157N057W31CCA | E. NELSON | | 84 | -- | -- | -- | 20 | -- | K | PD | JF | 6 | -- | -- |
| 157N058W01ACA | U. LARSON | | 120 | 35 | 6 | 1954 | 75 | -- | K | PD | JF | -- | -- | 1550 |
| 157N058W020UD | NOSWC 5427 | | 120 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1560 |
| 157N058W05BBB | U. NYGAARD | | 55 | 32 | 4 | 1960 | 25 | -- | H | PD | JF | -- | -- | 1550 |
| 157N058W09A0D1 | P. GROVE | | 87 | -- | 6 | 1947 | 40 | -- | H | PD | JF | -- | -- | 1550 |
| 157N058W09A0D2 | P. GROVE | | 138 | -- | 6 | 1927 | 30 | -- | K | PD | JF | -- | -- | 1550 |
| 157N058W10CBB | S. BJORG | | 130 | -- | 6 | 1962 | 50 | -- | K | PD | JF | -- | -- | 1550 |
| 157N058W12BC0 | ADAMS | | 126 | 106 | 6 | 1956 | F | 9-56 | P | PD | JF | 6 | -- | 1560 |
| 157N058W168AA | R. GROVE | | 100 | -- | 5 | 1957 | 25 | -- | K | PD | JF | -- | -- | 1550 |
| 157N058W160UD | NOGS W1 | | 28 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1570 |
| 157N058W176BB | H. TRUFTGRUBEN | | 130 | -- | 6 | 1923 | 12 | -- | S | PD | JF | -- | -- | 1550 |
| 157N058W18CUC | M. NELSON | | 83 | -- | 12 | 1941 | 30 | -- | K | PD | JF | -- | -- | 1550 |
| 157N058W18UD | NOSWC 2956 | 140 | 100 | 80 | 4 | 1968 | 7 | 7-68 | U | PD | JF | 7 | 7.0 | 1600 |
| 157N058W19CB | K. BOE | | 110 | -- | 6 | 1952 | 75 | -- | K | PD | JF | -- | -- | 1550 |
| 157N058W190JA | D. BOE | | 120 | -- | 5 | 1950 | 20 | -- | S | PD | JF | -- | -- | 1550 |
| 157N058W20AAC | P. BOE | | 60 | -- | -- | 1965 | -- | -- | K | PD | JF | 6 | -- | -- |
| 157N058W21A0D | USAF | | 130 | -- | 4 | 1962 | 23 | 10-62 | U | PD | JF | -- | 7.0 | 1550 |
| 157N058W24ABB | T. HOSNA | | 117 | -- | 4 | 1965 | 35 | -- | H | PD | JF | -- | -- | 1550 |
| 157N058W24ABD | J. HOSNA | | -- | -- | 5 | 1964 | 35 | -- | H | PD | JF | 6 | -- | -- |
| 157N058W246AB | H. OVDRAK | | 28 | -- | 4 | -- | 20 | -- | S | 41 | 7T | -- | -- | 1550 |
| 157N058W27BBA | E. BOMAN | | 150 | -- | 6 | 1920 | 40 | -- | S | PD | JF | -- | -- | 1550 |
| 157N058W28AAB | I. BOMAN | | 150 | -- | 6 | 1933 | 50 | -- | S | PD | JF | -- | -- | 1560 |
| 157N058W310CA | R. BOE | | 83 | -- | -- | -- | 14 | 6-68 | U | PD | JF | -- | -- | -- |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 157N058W320DA | A. GEHKE | | 109 | -- | -- | 1959 | -- | -- | H | PD | JF | 6 | -- | -- |
| 157N058W320DB | A. GEHKE | | 100 | 50 | 5 | -- | 40 | -- | H | PD | JF | 6 | -- | 1560 |
| 157N058W33CB | C. SHAVHAUG | | 125 | -- | 6 | 1929 | 20 | -- | H | PD | JF | -- | -- | 1550 |
| 157N058W34CA | P. PAULUS | | -- | -- | -- | -- | -- | -- | U | PD | JF | 6 | -- | -- |
| 157N058W35CA | F. SUKSTORF | | 120 | -- | 4 | 1963 | 40 | -- | H | PD | JF | -- | -- | 1575 |
| 157N059W04AAD | U. MATHIASON | | 100 | 133 | 5 | 1953 | 50 | 9-67 | S | PD | JF | -- | -- | 1600 |
| 157N059W04CCD | F. MONSON | | 80 | 78 | 4 | 1963 | 20 | 8-67 | H | PD | JF | -- | -- | 1590 |
| 157N059W08BCA | M. GILBERTSON | | 80 | 78 | 4 | 1965 | 11 | 8-67 | H | PD | JF | -- | -- | 1590 |
| 157N059W130CA | M. OKESON | | 120 | 118 | 6 | -- | 20 | 8-67 | S | PD | JF | -- | -- | 1600 |
| 157N059W130CC | M. OKESON | | 125 | -- | -- | -- | 25 | -- | K | PD | JF | 7 | -- | -- |
| 157N059W140DA | E. GUNHUS | | 90 | -- | -- | 1915 | -- | -- | U | PD | JF | 6 | -- | -- |
| 157N059W150DB | H. BERQUIST | | 100 | -- | -- | 1958 | -- | -- | U | PD | JF | 7 | -- | -- |
| 157N059W180CB | USAF | | 130 | -- | 4 | 1962 | 9 | 10-62 | U | PD | JF | -- | 7.0 | 1560 |
| 157N059W194AB | G. GRANUM | | 18 | -- | 36 | -- | 11 | 6-68 | U | 41 | 8T | 5 | -- | -- |
| 157N059W194BA | G. GRANUM | | 16 | 17 | 48 | -- | 7 | 8-67 | U | 41 | 8T | -- | -- | 1570 |
| 157N059W208CB | W. SOBBAK | | 11 | -- | 30 | -- | 7 | 6-68 | U | 41 | 8T | 4 | -- | -- |
| 157N059W210AC | A. GUNHUS | | 17 | -- | 30 | 1958 | 12 | 6-68 | H | 41 | 8T | 3 | -- | -- |
| 157N059W340DB | L. LEE | | 150 | -- | 4 | 1965 | 30 | -- | K | PD | JF | 7 | -- | 1540 |
| 157N059W350CA | USAF | | 130 | -- | 4 | 1962 | 7 | 10-62 | U | PD | JF | -- | 10.0 | 1550 |
| 157N059W350CC | L. GULLICKSON | | 90 | 88 | 4 | 1966 | 30 | -- | H | PD | JF | -- | -- | 1570 |
| 157N059W36CCC | H. HOVE | | 90 | -- | 4 | 1965 | -- | -- | H | PD | 2F | 5 | -- | -- |
| 157N059W36CCC | H. HOVE | | 95 | 93 | 4 | 1966 | 25 | -- | H | PD | JF | -- | -- | 1570 |
| 158N051W010CC | F. PERKERWICZ | | 30 | -- | 36 | -- | 15 | -- | S | 01 | 7P | 5 | -- | 801 |
| 158N051W020CC | C. SKAKEN | | 19 | -- | 48 | -- | 9 | -- | U | 01 | 7P | 5 | -- | 804 |
| 158N051W020CC | HIGHWAY DEPT | | 190 | 160 | 3 | 1958 | 58 | 4-58 | U | -- | -- | -- | -- | 800 |
| 158N051W050DD | J. MCEWEN | | 21 | -- | 36 | -- | -- | -- | H | 01 | 7P | -- | -- | 810 |
| 158N051W100DB | NDSWC 5027 | 295 | 40 | 35 | 1 | 1968 | 3 | 5-69 | U | 01 | 7P | -- | -- | 808 |
| 158N051W170DB | G. SCHUMACHER | | 25 | -- | 18 | -- | -- | -- | H | 01 | 7P | 5 | -- | 814 |
| 158N051W170DB | NDSWC 5028 | 300 | 40 | 35 | 1 | 1968 | 3 | 8-68 | U | 01 | 7P | 5 | -- | 810 |
| 158N051W240BA | E. SCHUMACHER | | 30 | -- | 24 | -- | -- | -- | U | 01 | 7P | 5 | -- | 799 |
| 158N051W250DC | NDSWC 5387 | | 300 | 0 | 4 | 1969 | F | -- | U | -- | -- | 9 | 7.0 | 802 |
| 158N051W260CC | HIGHWAY DEPT | | 158 | 0 | 3 | 1967 | 10 | 8-67 | U | -- | -- | -- | -- | 804 |
| 158N051W270DB | F. SCHUMACHER | | 168 | -- | 3 | 1942 | F | -- | S | 41 | 7T | -- | -- | 807 |
| 158N051W300CC | G. FRENCH | | 180 | -- | 36 | -- | F | -- | U | 41 | 2R | -- | -- | 805 |
| 158N051W310CC | NDSWC 5388 | | 280 | 0 | 4 | 1969 | F | -- | U | -- | -- | 8 | 7.0 | 743 |
| 158N051W350BC | HIGHWAY DEPT | | 154 | 0 | 3 | 1967 | 6 | 1-68 | U | -- | -- | -- | -- | 802 |
| 158N052W030CC | NDSWC 5385 | | 290 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 811 |
| 158N052W170BB | H. HAUG | | 10 | -- | 36 | -- | 5 | -- | K | 01 | 7P | 4 | -- | 832 |
| 158N052W200AA | W. FREEMAN | | 185 | -- | 2 | 1948 | F | -- | S | 41 | 8T | 7 | -- | 824 |
| 158N052W220AA | NDSWC 5386 | 260 | 183 | 177 | 1 | 1969 | +9 | 9-69 | U | 51 | 9S | 9 | 7.0 | 811 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 158N052W25CCC | H. GALLAGHER | | 90 | 88 | 2 | 1930 | F | -- | U | 41 | 8T | -- | -- | 810 |
| 158N052W30CCC | R. BUONE | | 210 | 210 | 2 | 1935 | +25 | -- | U | PM | 2S | -- | -- | 827 |
| 158N052W30UUA | R. HULT | | 230 | -- | 2 | -- | F | -- | H | PM | 2G | 7 | 7.0 | 828 |
| 158N052W310dC | M. KITTELSON | | 250 | 250 | 2 | 1947 | F | -- | S | PM | 2S | -- | -- | 826 |
| 158N052W310CC | NDGS 12 | | 14 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 826 |
| 158N052W360d3 | P. DELARIA | | 100 | -- | 3 | -- | F | -- | U | 41 | 8T | -- | -- | 810 |
| 158N053W010dC | M. KENNELLY | | 16 | 16 | 18 | -- | 7 | 7-67 | U | 01 | 7P | -- | -- | 837 |
| 158N053W020d3 | S. KENNELLY | | 14 | 15 | 24 | 1952 | 6 | 7-67 | U | 01 | 7P | 6 | -- | 843 |
| 158N053W03AD0 | S. JAGIELSKI | | 23 | 23 | 24 | -- | 10 | -- | S | 01 | 8P | 4 | 7.0 | 846 |
| 158N053W030U0 | ND5WC 5384 | | 240 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 839 |
| 158N053W05CA0 | V. DAHL | | 166 | 166 | 2 | 1947 | F | 8-67 | H | 41 | 8T | 7 | -- | 860 |
| 158N053W070U0 | J. JOHNSTON | | 200 | 198 | 1 | -- | F | -- | S | 41 | 8T | -- | -- | -- |
| 158N053W070AA | H. KINGSBURY | | 165 | 163 | 2 | -- | F | -- | S | 41 | 8T | -- | -- | -- |
| 158N053W110C0 | G. NIELSON | | 12 | -- | 12 | 1962 | 8 | -- | U | 01 | 8P | -- | -- | 842 |
| 158N053W120d0 | G. THOMPSON | | 290 | 290 | 2 | -- | F | -- | C | PM | 2S | -- | -- | 833 |
| 158N053W200CA | J. DONNELLY | | 165 | 165 | 2 | 1934 | +9 | -- | S | PM | 2S | -- | 8.0 | 848 |
| 158N053W210CAC1 | L. HELTNE | | 180 | 180 | 2 | 1920 | F | -- | S | PM | 2S | 7 | 7.0 | 845 |
| 158N053W210CAC2 | L. HELTNE | | 20 | 20 | 10 | 1963 | 9 | 7-67 | H | 01 | 8P | 6 | -- | 845 |
| 158N053W210dH | L. DESAUTEL | | 19 | 19 | 10 | -- | 9 | 7-67 | H | 01 | 8P | -- | -- | 845 |
| 158N053W230CC | E. EBERT | | 180 | -- | 2 | 1944 | +21 | 7-67 | H | PM | 3S | 7 | 7.0 | 840 |
| 158N053W250C0 | C. THOMPSON | | 198 | 196 | 2 | 1937 | F | -- | S | PM | 2S | -- | -- | 838 |
| 158N053W250C0 | L. THOMPSON | | 250 | -- | 2 | 1918 | F | -- | S | PM | 3S | 7 | -- | 835 |
| 158N053W260CC | L. LYKKEN | | 125 | -- | 2 | -- | F | -- | H | 41 | 6T | 7 | 7.0 | 841 |
| 158N053W280U0 | R. DESAUTEL | | 131 | 131 | 2 | 1935 | F | -- | S | 41 | 6T | -- | -- | 840 |
| 158N053W280CC | NDGS 11 | | 9 | 0 | 4 | 1968 | 8 | 7-67 | U | -- | -- | -- | -- | 842 |
| 158N053W300D0 | A. JOHNSON | | 195 | 183 | 2 | -- | +12 | 7-67 | S | PM | 2S | 7 | 7.0 | 852 |
| 158N053W310U0 | N. MONSEBROTTEN | | 20 | 20 | 8 | 1940 | 9 | 7-67 | I | 01 | 8P | 6 | -- | 848 |
| 158N053W320UA1 | N. MONSEBROTTEN | | 14 | 14 | 8 | 1967 | 9 | -- | S | 01 | 8P | -- | -- | 848 |
| 158N053W320UA2 | N. MONSEBROTTEN | | 190 | 190 | 2 | -- | F | -- | U | PM | 2S | -- | -- | 845 |
| 158N053W340AA1 | J. DESAUTEL | | 255 | 255 | 2 | -- | F | -- | H | PM | 2S | -- | -- | 837 |
| 158N053W340AA2 | J. DESAUTEL | | 265 | 265 | 2 | 1939 | F | -- | H | PM | 2S | -- | -- | 837 |
| 158N053W350AB | W. LYKKEN | | 180 | 180 | 2 | 1933 | F | -- | H | PM | 2S | 7 | -- | 835 |
| 158N054W020U0 | NDGS W9 | | 19 | 0 | 4 | 1968 | 17 | 7-68 | U | -- | -- | -- | -- | 870 |
| 158N054W030U0 | USGS 1603 | | 105 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 870 |
| 158N054W040U01 | E. UDEGARD | | 12 | 12 | 38 | -- | 7 | 9-59 | H | 21 | 7S | -- | -- | 875 |
| 158N054W040U02 | USGS 1602 | | 210 | -- | 5 | 1959 | -- | -- | U | -- | -- | -- | -- | 875 |
| 158N054W050AL3 | HOOPLE PGATU | | 343 | 280 | 6 | 1960 | 16 | 6-60 | C | -- | 2S | 8 | 8.0 | 895 |
| 158N054W080UB3 | FAGERHOLT BR0S | | 244 | 240 | 4 | 1958 | 14 | -- | S | PM | 2S | 7 | 6.0 | 897 |
| 158N054W090U0 | ND5WC 5383 | | 200 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 878 |
| 158N054W100AB | NDGS W7 | | 19 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 875 |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 158N054W110BH | NOGS WB | | 24 | 0 | 4 | 1968 | 23 | 7-68 | U | -- | -- | -- | -- | 866 |
| 158N054W110BA | G.MARTINSON | | 30 | 30 | 24 | 1952 | 20 | -- | H | 01 | 6Q | -- | -- | 866 |
| 158N054W138BA | O.PARKINS | | 242 | 221 | 4 | 1962 | F | -- | S | PM | 2S | 7 | -- | 875 |
| 158N054W150AA | O.GULLICKSON | | 200 | 195 | 2 | 1952 | F | -- | S | PM | 2S | -- | -- | -- |
| 158N054W16AAD | A.FEDJE | | 18 | 18 | 48 | -- | 9 | 9-59 | K | 01 | 6Q | -- | -- | 878 |
| 158N054W17AAD | L.FAGERHOLT | | 239 | -- | 4 | 1962 | F | -- | S | PM | 2S | 7 | -- | 890 |
| 158N054W18UAC1 | I.HURTT | | 246 | 231 | 4 | 1964 | 12 | 10-64 | U | PM | 2S | 7 | 6.0 | 895 |
| 158N054W18UAC2 | I.HURTT | | 22 | -- | 6 | 1967 | 5 | 3-68 | U | 21 | 7R | 5 | -- | 895 |
| 158N054W18UAC3 | I.HURTT | | 69 | -- | 6 | 1967 | 5 | 4-67 | U | 21 | 7R | 6 | -- | 895 |
| 158N054W18U8B | H.JACOBSON | | 20 | 20 | 36 | 1960 | 8 | -- | H | 01 | 6Q | -- | -- | 895 |
| 158N054W18UDD | NO5WC 5382 | | 220 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 888 |
| 158N054W19AAD | H.HURTT | | 22 | -- | 48 | -- | 12 | 9-59 | S | 21 | 7S | -- | -- | 895 |
| 158N054W24ABA | O.PARKINS | | 242 | 221 | 3 | 1962 | F | 6-62 | K | PM | 7S | -- | -- | 860 |
| 158N054W24CDD | O.JOHNSON | | 196 | 194 | 2 | 1940 | 14 | 7-67 | H | PM | 2S | 7 | 7.0 | 858 |
| 158N054W24DCC | M.BRASSARD | | 200 | -- | 2 | -- | F | -- | S | PM | 2S | 7 | -- | -- |
| 158N054W25LCC | NOGS W10 | | 14 | 0 | 4 | 1968 | 13 | 7-68 | U | -- | -- | -- | -- | 855 |
| 158N054W25UAC | V.JOHNSON | | 175 | 173 | 2 | -- | F | -- | U | PM | 2S | 7 | 9.0 | 856 |
| 158N054W27AUJ | H.BERG | | 190 | -- | 2 | -- | F | -- | H | PM | 2S | -- | -- | 870 |
| 158N054W27UAA | H.BERG | | -- | -- | -- | -- | F | -- | S | PM | 2S | 7 | -- | -- |
| 158N054W288AA | C.PAULSON | | 200 | -- | 3 | -- | F | -- | K | PM | 2S | -- | -- | 884 |
| 158N054W2888B | USGS 1604 | | 52 | 0 | 5 | 1959 | -- | -- | U | 01 | 8P | -- | -- | 885 |
| 158N054W31LUCC | T.CLEMENSUN | | 230 | -- | -- | 1951 | -- | -- | S | PM | 2S | 6 | -- | -- |
| 158N054W31UDD | O.CLEMENSUN | | 230 | 225 | 2 | 1950 | 2 | -- | S | PM | 2S | -- | -- | 895 |
| 158N054W34LAC | A.MIDGARDEN | | 220 | -- | -- | -- | F | -- | H | PM | 2S | 7 | -- | -- |
| 158N054W34CAD | A.MIDGARDEN | | 132 | 132 | 2 | 1946 | F | -- | H | 41 | 6Q | -- | 8.0 | 875 |
| 158N054W34UDD | J.MIDGARDEN | | 190 | 190 | 2 | 1915 | F | -- | S | PM | 2S | -- | -- | 870 |
| 158N054W35ACD | R.JOHNSON | | 187 | 185 | 2 | 1956 | F | -- | S | 41 | 6Q | -- | -- | 860 |
| 158N054W35AUB | R.JOHNSON | | 185 | -- | -- | 1956 | F | -- | S | 41 | 7S | 7 | -- | -- |
| 158N054W35UAC | R.RUTHERFORD | | 190 | -- | 2 | -- | F | -- | U | PM | 2S | 7 | 8.0 | 864 |
| 158N054W35UDD | G.RUTHERFORD | | -- | -- | -- | 1940 | F | -- | U | PM | 2S | 7 | -- | -- |
| 158N055W02LCC | USGS 1606 | | 63 | -- | 5 | 1959 | -- | -- | U | -- | -- | -- | -- | 910 |
| 158N055W02UCC | USGS 1605 | | 63 | -- | 5 | 1959 | -- | -- | U | -- | -- | -- | -- | 910 |
| 158N055W03UCD1 | M.FEDJE | | 265 | -- | 2 | 1959 | 35 | -- | S | PM | 2S | -- | -- | 920 |
| 158N055W03UCD2 | M.FEDJE | | 40 | -- | 24 | 1955 | 25 | -- | S | 01 | 6Q | -- | -- | 920 |
| 158N055W04ADA | R.MUORE | | 50 | -- | 36 | -- | 30 | -- | S | 01 | 6Q | -- | -- | 925 |
| 158N055W04LAA | C.RINDE | | 300 | -- | 4 | 1939 | 22 | -- | S | PM | 2S | -- | -- | 935 |
| 158N055W04LCC | USGS 1608 | | 178 | -- | 5 | 1959 | -- | -- | U | -- | -- | -- | -- | 938 |
| 158N055W04UDD | USGS 1607 | | 63 | -- | 5 | 1959 | -- | -- | U | -- | -- | -- | -- | 927 |
| 158N055W05CDD | I.AMUNSON | | 20 | -- | 36 | -- | 8 | -- | S | 02 | 7S | -- | -- | 965 |
| 158N055W05LCC | USGS 1609 | | 105 | -- | 5 | 1959 | -- | -- | U | 41 | 7P | -- | -- | 984 |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|---------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 158N055W050CD | M. AMUNDSON | 16 | 16 | 36 | 1963 | 8 | -- | S | 02 | 7S | 6 | -- | 945 | |
| 158N055W06CUB1 | K. ROLLEFSTAD | 50 | -- | 24 | 1939 | 48 | -- | S | 01 | 6S | -- | -- | 1048 | |
| 158N055W06CJH2 | K. ROLLEFSTAD | 15 | -- | 48 | 1909 | 13 | -- | H | 02 | 7S | -- | -- | 1048 | |
| 158N055W07CA3 | T. HULM | 15 | -- | 36 | 1968 | 6 | 6-69 | S | -- | -- | 4 | -- | 1050 | |
| 158N055W07BCC | T. HULM | 22 | -- | 24 | -- | -- | -- | H | 01 | 2S | -- | -- | 1050 | |
| 158N055W07UCC | ERICKSON BRUS | 28 | -- | 8 | 1966 | 9 | -- | H | 31 | 7S | 3 | -- | 1075 | |
| 158N055W10AAC | O. SPRINGAN | 21 | -- | 30 | -- | 7 | 7-68 | S | 01 | 2S | 6 | -- | -- | |
| 158N055W12BCB | T. JOHNSON | 18 | -- | 30 | 1939 | 8 | -- | S | 01 | 6Q | 5 | -- | 910 | |
| 158N055W12BCC | A. JOHNSON | 15 | -- | 30 | -- | 5 | -- | S | 01 | 6Q | -- | -- | 910 | |
| 158N055W15AUC | G. LANGRUD | 28 | -- | 42 | -- | 8 | -- | S | 01 | 6Q | -- | -- | 924 | |
| 158N055W15BGA | H. OSTENRUDE | 12 | -- | 24 | -- | 6 | -- | S | 01 | 6S | -- | -- | 930 | |
| 158N055W15BCA | A. OLSON | 16 | -- | 30 | -- | 6 | -- | S | 01 | 8Q | 4 | -- | 930 | |
| 158N055W15CBB1 | H. BERGE | 38 | 38 | 30 | -- | 15 | -- | H | 01 | 6Q | -- | -- | 933 | |
| 158N055W15CBB2 | E. BERGE | 9 | -- | 30 | -- | 7 | -- | S | 01 | 6S | -- | -- | 933 | |
| 158N055W15UBD1 | P. BORGE | 38 | -- | 28 | 1923 | 13 | -- | S | 01 | 6S | -- | -- | 927 | |
| 158N055W15UBD2 | P. BORGE | 17 | -- | 28 | -- | 12 | -- | H | 01 | 7S | -- | -- | 927 | |
| 158N055N16ACC | M. BERG | 16 | -- | 8 | 1920 | 5 | -- | H | 01 | 7S | -- | -- | -- | |
| 158N055W17CBB | J. RUSTGAARD | 20 | -- | 24 | -- | 10 | -- | S | 31 | 7S | -- | -- | 980 | |
| 158N055W18ABB | A. ANDERSON | 14 | -- | 24 | 1939 | 14 | -- | S | 31 | 8Q | 4 | -- | 1055 | |
| 158N055W19AAA | NDSWC 5381 | 220 | 0 | 4 | 1969 | -- | -- | U | -- | -- | -- | -- | 1035 | |
| 158N055W19BAA1 | F. GREENWOOD | 18 | -- | 2 | 1950 | 6 | -- | C | 02 | 2S | -- | -- | 1075 | |
| 158N055W19BAA2 | F. GREENWOOD | 11 | -- | 36 | 1954 | 7 | -- | C | 02 | 2S | -- | -- | 1075 | |
| 158N055W22CDD | E. OMSTAD | 20 | -- | 24 | -- | 12 | -- | K | 01 | 8Q | -- | -- | 928 | |
| 158N055W26AAA | T. WALKER | 40 | -- | 36 | 1963 | 15 | -- | S | 01 | 8Q | 6 | -- | 915 | |
| 158N055W26BCC | T. WALKER | 30 | -- | 36 | 1965 | 10 | -- | H | 01 | 8Q | -- | -- | 923 | |
| 158N055W29CBA | B. LARSON | 21 | 21 | 36 | 1947 | 8 | -- | H | 02 | 2S | -- | -- | 1050 | |
| 158N055W31DUU | A. ERUVICK | 20 | 20 | 30 | 1960 | 11 | -- | S | 02 | 9S | 4 | -- | 1170 | |
| 158N055W32BAA | H. KJOS | 21 | 4 | 48 | -- | 1 | 11-67 | C | 02 | 2S | 4 | -- | 1030 | |
| 158N055W35CBB | N. KJOS | 18 | -- | 26 | -- | 10 | -- | H | 01 | 6Q | -- | -- | 925 | |
| 158N056W01A0D | E. MOE | 30 | 30 | 18 | -- | 7 | -- | H | 02 | 7S | -- | -- | 1070 | |
| 158N056W01U0C1 | USGS 1612 | 63 | -- | 4 | 1959 | -- | -- | U | -- | -- | -- | -- | 1068 | |
| 158N056W01U0C2 | F. MOE | 30 | -- | 24 | 1965 | 10 | -- | H | 01 | 6Q | 6 | -- | -- | |
| 158N056W03ABA | R. RUSTAN | 27 | 27 | 48 | 1967 | 23 | 8-67 | S | 01 | 7S | 5 | 9.0 | 1135 | |
| 158N056W04BAA | R. HULM | 28 | 28 | 24 | -- | 5 | -- | K | 31 | 9S | 4 | -- | 1150 | |
| 158N056W08ABB | G. BERG | 15 | 15 | 16 | 1890 | 12 | -- | S | 01 | 7S | 5 | -- | 1160 | |
| 158N056W09AAB | A. SONDRESON | 15 | 15 | 26 | -- | 6 | -- | H | 31 | 9S | 4 | -- | 1170 | |
| 158N056W09CDD | NDSWC 2927 | 140 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1190 | |
| 158N056W11AAA | USGS 1611 | 63 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1115 | |
| 158N056W12AAA | USGS 1610 | 189 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1160 | |
| 158N056W14DUU | USGS 1614 | 135 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1140 | |

| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|-----------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 158N056W1503D | B. BRANDVOLD | | 18 | 18 | 24 | 1962 | 4 | -- | K | 31 | 9S | 4 | -- | 1165 |
| 158N056W1608A | H. BREVIK | | 30 | 30 | 18 | -- | 8 | -- | K | 31 | 9S | 4 | -- | 1150 |
| 158N056W16C8 | NDGS E3 | | 51 | -- | -- | -- | -- | -- | U | -- | -- | -- | -- | 1219 |
| 158N056W17A8 | NDGS E4 | | 59 | -- | -- | -- | -- | -- | U | -- | -- | -- | -- | 1219 |
| 158N056W1708A | J. KRISTJANSON | | 9 | 9 | 36 | -- | 5 | 4-68 | U | 31 | 9S | 4 | -- | 1160 |
| 158N056W18AA | NDGS E2 | | 70 | -- | -- | -- | -- | -- | U | -- | -- | -- | -- | 1201 |
| 158N056W19AAA | L. RUSTAND | | 35 | -- | 6 | -- | 5 | -- | H | 31 | 9S | 4 | -- | 1160 |
| 158N056W19AD | NDGS E1 | | 166 | -- | -- | -- | -- | -- | U | -- | -- | -- | -- | 1243 |
| 158N056W220CD | USAF | | 130 | -- | 5 | 1962 | 11 | 10-62 | U | 02 | 2S | -- | 8.0 | 1195 |
| 158N056W22DUD | S. JOHNSON | | 32 | -- | 30 | -- | 24 | -- | S | 01 | 6S | 4 | 6.0 | 1222 |
| 158N056W23AAA | USGS 1615 | | 63 | -- | 4 | -- | -- | -- | U | -- | -- | -- | -- | 1141 |
| 158N056W25CCC | NDSWC 2924 | | 260 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1167 |
| 158N056W27DCA | USAF | | 130 | -- | 4 | 1962 | 76 | 11-62 | U | 41 | 8T | -- | 12.0 | 1250 |
| 158N056W28DCC | R. BERG | | 37 | 37 | 2 | -- | 34 | -- | H | 02 | 7S | 4 | -- | -- |
| 158N056W29DUD | ELLINGSON GRVL. | | 6 | 7 | 2 | 1965 | 3 | -- | H | 03 | 8G | 4 | 14.0 | -- |
| 158N056W30ABB | L. GIRE | | 45 | -- | 6 | -- | -- | -- | H | 02 | 7S | 5 | -- | -- |
| 158N056W30UDJ | NDSWC 2925 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1250 |
| 158N056W30DUD2 | CHRISTOPHERSON | | 30 | -- | -- | -- | 15 | -- | H | 02 | 7S | 6 | -- | -- |
| 158N056W32ACC | M. JOHNSON | | 21 | 21 | 48 | -- | 15 | -- | H | 01 | 6S | -- | -- | -- |
| 158N056W340UB | NDSWC 5432 | 240 | 103 | 97 | 1 | 1969 | 71 | 9-69 | U | 51 | 9S | 5 | -- | 1260 |
| 158N056W34CAC | K. BERG | | 90 | -- | 5 | -- | -- | -- | S | 41 | 8T | 5 | -- | 1258 |
| 158N056W3603B | V. GILLESPIE | | 39 | -- | 5 | -- | 33 | -- | U | 02 | 6S | -- | -- | 1160 |
| 158N057W02CBC | H. GROVUM | | 20 | 20 | 48 | 1910 | 10 | -- | H | PD | JF | -- | -- | 1450 |
| 158N057W04DCC | G. JOHNSON | | 50 | 12 | 48 | 1965 | 20 | -- | S | PD | JF | 5 | -- | 1500 |
| 158N057W0708A | R. AXVIG | | 20 | -- | 4 | 1956 | 10 | -- | S | 41 | 7T | -- | -- | 1500 |
| 158N057W090DD | E. TRØFTGRUBEN | | 55 | 55 | 24 | 1964 | 15 | -- | S | PD | 2F | -- | -- | 1500 |
| 158N057W11BCA | W. ELLINGSON | | 24 | 24 | 48 | 1942 | 8 | -- | H | 41 | 7T | -- | -- | 1450 |
| 158N057W14AAA | NDSWC 2925 | | 100 | 0 | 4 | 1968 | -- | -- | U | -- | -- | -- | -- | 1420 |
| 158N057W1508B | A. NYGARD | | 60 | 12 | 16 | 1940 | 40 | -- | S | PD | JF | -- | -- | 1510 |
| 158N057W1900C | R. MCLEAN | | 70 | -- | 6 | 1963 | 7 | -- | S | PD | 2F | 5 | -- | 1570 |
| 158N057W2188B | A. THORSON | | 20 | 20 | 30 | 1967 | 10 | -- | H | PD | JF | 4 | -- | 1500 |
| 158N057W220BC | M. HAUG | | 30 | -- | 18 | 1957 | 20 | -- | S | 41 | 7T | -- | -- | 1525 |
| 158N057W250DD | H. SUNOVUK | | 23 | 23 | 18 | -- | 5 | -- | S | 41 | 7T | -- | -- | 1300 |
| 158N057W27AAD | M. TRØFTGRUBEN | | 45 | -- | -- | -- | -- | -- | H | 41 | 7T | 6 | -- | -- |
| 158N057W28CAA | A. RUD | | 50 | 50 | 6 | 1946 | 25 | -- | H | PD | JF | 5 | -- | -- |
| 158N057W34CAA | GRYDE BRUS. | | 20 | 20 | 24 | 1952 | -- | -- | K | 41 | 7T | -- | -- | 1400 |
| 158N057W35ACC | USAF | | 130 | -- | 4 | 1962 | 31 | 4-62 | U | PD | JF | -- | 6.0 | 1400 |
| 158N057W3608B | A. WINDINGLAND | | 35 | 35 | 18 | 1942 | 15 | -- | S | PD | JF | -- | -- | 1350 |
| 158N058W02CCA | L. BERNSTAD | | 175 | -- | 4 | 1965 | -- | -- | H | PD | 2F | -- | -- | 1600 |
| 158N058W0508A | G. NYGARD | | -- | -- | -- | -- | -- | -- | S | PD | 2F | 6 | -- | -- |

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| LOCAL WELL NUMBER | OWNER | DRILLED DEPTH (FT.) | WELL DEPTH (FT.) | CASING DEPTH (FT.) | CASING DIAMETER (IN.) | DATE DRILLED (YEAR) | WATER LEVEL (FT.) | DATE WATER LEVEL MEAS. | USE OF WATER | MAJOR AQUIFER | WATER BEARING MATERIAL | SPECIFIC CONDUCTANCE | TEMPERATURE (°C) | ELEVATION OF LSD (FT.) |
|-------------------|--------------|---------------------|------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|--------------|---------------|------------------------|----------------------|------------------|------------------------|
| 158N058W08CDA | M.AUNE | | 87 | -- | 4 | 1952 | -- | -- | H | PD | 2F | 5 | -- | -- |
| 158N058W10CCD | E.THRUGSTAD | | -- | -- | -- | -- | -- | -- | K | 41 | 8T | 4 | -- | -- |
| 158N058W23CCA | USAF | | 130 | -- | 4 | 1962 | 21 | 11-62 | U | -- | -- | -- | 6.0 | 1575 |
| 158N058W24CDC | U.S. GOVERN. | | 45 | -- | -- | -- | -- | -- | H | PD | 2F | 6 | -- | -- |
| 158N058W29AAB | C.MEIER | | 32 | -- | -- | 1966 | -- | -- | H | 41 | 8T | 5 | -- | -- |
| 158N058W30AAA | NDSWC 2952 | 160 | 137 | 107 | 1 | 1968 | 6 | 7-68 | U | PD | JF | 6 | 6.0 | 1604 |
| 158N058W33DDD | K.STENSLAND | | 60 | -- | -- | 1958 | 20 | -- | H | PD | JF | 5 | -- | -- |
| 158N058W35UJA | A.VIGEN | | 125 | -- | -- | 1941 | 15 | -- | H | PD | JF | 6 | -- | -- |
| 158N059W03BGA | A.HANSON | | 95 | -- | 5 | 1961 | 10 | -- | H | PD | JF | 6 | -- | -- |
| 158N059W04ABA | G.MCGREGOR | | 120 | 120 | 4 | -- | 15 | -- | H | PJ | JF | -- | -- | 1600 |
| 158N059W04DUA | H.JOHNSON | | 91 | -- | 4 | 1961 | 8 | -- | H | PD | JF | 5 | -- | -- |
| 158N059W05B8B | R.HOLTH | | 96 | -- | 6 | -- | 45 | -- | U | PD | JF | 7 | -- | -- |
| 158N059W07ABB | C.FORGERSON | | 85 | 80 | 2 | 1920 | 20 | -- | H | PJ | JF | 5 | -- | 1600 |
| 158N059W08CCC | H.JOHNSON | | 98 | 98 | 4 | 1962 | 25 | -- | S | PD | JF | -- | -- | 1600 |
| 158N059W11CCC | G.HAUG | | 160 | 158 | 4 | 1907 | 18 | -- | S | PD | JF | -- | -- | 1625 |
| 158N059W11DUC | O.WESTBY | | 60 | 60 | 4 | -- | 30 | -- | H | PJ | JF | 4 | -- | 1625 |
| 158N059W12DDD | O.AMUNDRUD | | 114 | 114 | 4 | 1954 | 11 | -- | H | PJ | JF | 5 | -- | 1625 |
| 158N059W13BDA | M.HOLTH | | 180 | 180 | 4 | 1930 | 30 | -- | S | PD | JF | -- | -- | 1600 |
| 158N059W17DUD | L.OVERBYE | | 148 | 146 | 2 | -- | 20 | -- | S | PJ | JF | -- | -- | 1600 |
| 158N059W18DCC | L.SAMSON | | 60 | 60 | 24 | -- | 30 | -- | H | PD | JF | -- | -- | 1600 |
| 71 158N059W21CCA | R.WESTBY | | 156 | 154 | 4 | -- | 15 | -- | H | PD | JF | -- | -- | 1600 |
| 158N059W22CAA | W.ARNESON | | 127 | 125 | 2 | -- | 20 | -- | S | PD | JF | -- | -- | 1600 |
| 158N059W22DAA | N.SKYTLAND | | 54 | -- | 4 | 1963 | 10 | -- | H | PD | JF | -- | -- | -- |
| 158N059W240AD | G.MYRA | | 85 | -- | 18 | 1898 | -- | -- | K | PD | JF | 5 | -- | -- |
| 158N059W2588B | USAF | | 131 | -- | 4 | 1962 | 18 | 3-62 | U | PD | JF | -- | 5.0 | 1621 |
| 158N059W2688D | J.FERGUSON | | 7 | -- | -- | -- | 6 | 6-68 | U | 41 | 8T | 4 | -- | -- |
| 158N059W27BUC | L.KRINGSTAD | | 117 | 115 | 4 | 1905 | 25 | -- | H | PJ | JF | 5 | -- | 1600 |
| 158N059W30ADA | G.GILBERTSON | | 71 | -- | 6 | 1951 | 35 | -- | H | PJ | JF | 6 | -- | -- |
| 158N059W33DCC | H.MATHIASON | | 110 | 110 | 5 | 1958 | 60 | -- | S | PJ | JF | 7 | -- | 1600 |
| 158N059W34DDD | NDSWC 2953 | 140 | 97 | 67 | 1 | 1968 | 12 | 7-68 | U | PD | JF | 7 | 5.0 | 1610 |
| 158N059W35CDD | E.HAMMER | | 96 | -- | 6 | -- | 12 | -- | H | PD | JF | 7 | -- | -- |

TABLE 2.--Water-levels in selected wells
 (> indicates water level more than that shown)
 Depth to water, in feet below or (+) above land surface

NELSON COUNTY

| 149-58-30CDD | | | | | |
|-----------------|-------------|--------------|-------------|-------------|-------------|
| Date | Water level | Date | Water level | Date | Water level |
| Sept. 4, 1969.. | 4.50 | July 16..... | 3.85 | Nov. 7..... | 5.19 |
| Nov. 8..... | 4.61 | Aug. 27..... | 4.90 | | |
| May 16, 1970.. | 2.12 | Oct. 10..... | 4.26 | | |

| 149-59-2BBB | | | | | |
|-----------------|-------|-----------------|-------|--------------|-------|
| June 28, 1968.. | 39.94 | July 1..... | 39.10 | Apr. 18..... | 39.51 |
| July 17..... | 39.33 | July 21..... | 39.06 | May 6..... | 39.40 |
| July 24..... | 39.57 | Aug. 1..... | 39.05 | May 16..... | 39.38 |
| Aug. 20..... | 39.45 | Nov. 8..... | 39.25 | July 17..... | 39.33 |
| Sept. 13..... | 39.34 | Dec. 16..... | 39.30 | Aug. 27..... | 39.41 |
| Oct. 12..... | 39.46 | Jan. 31, 1970.. | 39.40 | Oct. 10..... | 39.54 |
| Jan. 17, 1969.. | 39.65 | Mar. 7..... | 39.50 | Nov. 7..... | 39.55 |
| May 3..... | 39.34 | Mar. 21..... | 39.33 | Dec. 2..... | 39.55 |

| 149-59-12CCC | | | | | |
|----------------|-------|----------------|-------|-------------|-------|
| July 1, 1969.. | 19.75 | May 16, 1970.. | 19.92 | Nov. 7..... | 21.61 |
| July 29..... | 20.00 | July 17..... | 20.45 | Dec. 2..... | 21.35 |
| Sept. 3..... | 20.45 | Aug. 27..... | 20.93 | | |
| Nov. 8..... | 20.92 | Oct. 10..... | 21.15 | | |

| 149-59-14DAD | | | | | |
|----------------|------|----------------|------|-------------|------|
| July 2, 1969.. | 3.55 | May 16, 1970.. | 3.41 | Nov. 7..... | 4.57 |
| July 29..... | 3.01 | July 17..... | 3.94 | Dec. 2..... | 4.20 |
| Sept. 4..... | 4.10 | Aug. 27..... | 4.34 | | |
| Nov. 8..... | 4.05 | Oct. 10..... | 4.37 | | |

| 149-61-5AAA | | | | | |
|-----------------|--------|-----------------|--------|--------------|--------|
| July 17, 1968.. | >75 | July 1..... | >96.5 | Apr. 18..... | 103.17 |
| July 24..... | 101.57 | Aug. 1..... | >96.5 | May 16..... | 102.07 |
| Aug. 20..... | 101.62 | Nov. 8..... | 103.88 | July 16..... | 102.67 |
| Sept. 13..... | 101.32 | Dec. 6..... | 103.86 | Aug. 10..... | 102.88 |
| Oct. 12..... | 101.30 | Jan. 31, 1970.. | 103.65 | Oct. 10..... | 103.32 |
| Nov. 13..... | 101.39 | Mar. 7..... | 103.12 | Nov. 7..... | 103.18 |
| May 3, 1969.. | 100.97 | Mar. 21..... | 103.11 | Dec. 2..... | 103.26 |

Depth to water, in feet below or (+) above land surface

149-61-5DDD

| Date | Water level | Date | Water level | Date | Water level |
|----------------|-------------|--------------|-------------|-------------|-------------|
| July 6, 1970.. | 102.70 | Oct. 10..... | 103.35 | Dec. 2..... | 103.42 |
| Aug. 27..... | 102.98 | Nov. 7..... | 103.36 | | |

149-61-11CCC

| | | | | | |
|-----------------|--------|----------------|--------|--------------|--------|
| July 17, 1968.. | >75 | May 3, 1969.. | 104.03 | July 16..... | 115.45 |
| 24..... | 104.72 | July 1..... | >97.2 | Aug. 27..... | 105.63 |
| Aug. 20..... | 104.54 | Aug. 1..... | >97.2 | Oct. 10..... | 105.79 |
| Sept. 13..... | 104.45 | Nov. 8..... | 105.58 | Nov. 7..... | 105.94 |
| Oct. 12..... | 104.32 | Dec. 6..... | 105.52 | Dec. 2..... | 105.97 |
| Nov. 13..... | 104.37 | May 16, 1970.. | 105.09 | | |

149-61-18AAA

| | | | | | |
|----------------|------|--------------|------|-------------|------|
| Nov. 8, 1969.. | 2.52 | July 16..... | 2.50 | Nov. 7..... | 2.84 |
| Dec. 6..... | 2.61 | Aug. 27..... | 2.61 | | |
| May 16, 1970.. | 2.53 | Oct. 10..... | 2.01 | | |

149-61-23DDD

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| July 30, 1969.. | 51.41 | May 16, 1970.. | 51.74 | Oct. 10..... | 52.10 |
| Nov. 8..... | 51.61 | July 16..... | 51.62 | Nov. 7..... | 52.10 |
| Dec. 6..... | 51.67 | Aug. 27..... | 51.92 | | |

149-61-29CCC

| | | | | | |
|----------------|-------|----------------|-------|--------------|-------|
| July 1, 1969.. | 43.68 | Dec. 6..... | 43.76 | Aug. 27..... | 43.87 |
| 30..... | 43.60 | May 16, 1970.. | 43.63 | Oct. 10..... | 43.89 |
| Nov. 8..... | 43.80 | July 16..... | 43.64 | Nov. 7..... | 43.79 |

149-61-32AAD

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| July 17, 1968.. | 42.97 | June 18..... | 43.55 | July 16..... | 43.48 |
| Aug. 20..... | 43.79 | July 1..... | 43.42 | Aug. 27..... | 43.60 |
| Sept. 13..... | 43.67 | Aug. 1..... | 43.61 | Oct. 10..... | 43.59 |
| Oct. 12..... | 43.65 | Nov. 8..... | 43.49 | Nov. 7..... | 43.53 |
| Nov. 13..... | 43.65 | Dec. 6..... | 43.44 | | |
| May 5, 1969.. | 43.54 | May 16, 1970.. | 43.26 | | |

Depth to water, in feet below or (+) above land surface

149-61-34AAA

| Date | Water level | Date | Water level | Date | Water level |
|-----------------|-------------|----------------|-------------|--------------|-------------|
| June 18, 1968.. | 36.70 | May 3, 1969.. | 36.46 | July 16..... | 38.20 |
| July 17..... | 36.54 | July 1..... | 35.74 | Aug. 27..... | 36.68 |
| Aug. 20..... | 36.69 | Aug. 1..... | 35.84 | Oct. 10..... | 37.23 |
| Sept. 13..... | 36.47 | Nov. 8..... | 36.32 | Nov. 7..... | 37.01 |
| Oct. 12..... | 36.49 | Dec. 6..... | 36.43 | | |
| Nov. 13..... | 36.20 | May 16, 1970.. | 35.92 | | |

150-58-19CCC

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| July 30, 1969.. | 33.11 | May 16, 1970.. | 34.22 | Aug. 27..... | 33.72 |
| Nov. 8..... | 33.86 | July 17..... | 33.66 | Dec. 2..... | 33.83 |

150-59-19BCC

| | | | | | |
|----------------|-------|--------------|-------|-------------|-------|
| July 7, 1970.. | 85.47 | Oct. 10..... | 85.68 | Dec. 2..... | 85.62 |
| Aug. 27..... | 85.59 | Nov. 7..... | 85.56 | | |

150-59-20AAA

| | | | | | |
|-----------------|-------|--------------|-------|--------------|-------|
| Aug. 20, 1968.. | 46.73 | Jan. 25..... | 47.05 | July 10..... | 46.40 |
| 25..... | 46.90 | Feb. 1..... | 47.04 | 15..... | 46.46 |
| 30..... | 46.82 | 5..... | 47.04 | 20..... | 46.54 |
| Sept. 1..... | 46.80 | 10..... | 47.06 | 25..... | 46.56 |
| 5..... | 46.78 | 15..... | 47.06 | 30..... | 46.60 |
| 10..... | 46.75 | 20..... | 47.04 | Aug. 5..... | 46.45 |
| 15..... | 46.75 | 25..... | 47.03 | 10..... | 46.48 |
| 20..... | 46.77 | Mar. 1..... | 47.40 | 15..... | 46.53 |
| 25..... | 46.75 | 5..... | 47.40 | 20..... | 46.59 |
| 30..... | 46.72 | 10..... | 47.40 | 25..... | 46.63 |
| Oct. 5..... | 46.73 | 15..... | 47.40 | 30..... | 46.68 |
| 10..... | 46.75 | 20..... | 47.00 | Sept. 5..... | 46.73 |
| 15..... | 46.77 | 25..... | 46.97 | 10..... | 46.76 |
| 20..... | 46.80 | Apr. 1..... | 46.89 | 15..... | 46.76 |
| 25..... | 46.83 | 5..... | 46.93 | 20..... | 46.78 |
| 30..... | 46.83 | 10..... | 46.75 | 25..... | 46.79 |
| Nov. 5..... | 46.87 | 15..... | 46.31 | 30..... | 46.80 |
| 10..... | 46.89 | 22..... | 46.12 | Oct. 5..... | 46.79 |
| 15..... | 46.90 | 25..... | 46.03 | 10..... | 46.76 |
| 20..... | 46.92 | 30..... | 46.03 | 15..... | 46.70 |
| 25..... | 46.91 | May 5..... | 46.03 | 20..... | 46.62 |
| Dec. 1..... | 46.89 | 10..... | 46.04 | 25..... | 46.63 |
| 5..... | 46.88 | 15..... | 46.06 | Nov. 1..... | 46.64 |
| 10..... | 46.96 | 20..... | 46.10 | 5..... | 46.62 |
| 15..... | 46.99 | 25..... | 46.14 | 10..... | 46.63 |
| 20..... | 47.00 | June 1..... | 46.20 | 15..... | 46.64 |
| 25..... | 47.01 | 5..... | 46.22 | 17..... | 46.65 |
| Jan. 1, 1969.. | 47.03 | 10..... | 46.27 | 20..... | 46.68 |
| 5..... | 47.04 | 15..... | 46.34 | 25..... | 46.70 |
| 10..... | 47.06 | 20..... | 46.40 | 30..... | 46.70 |
| 17..... | 47.07 | July 1..... | 46.33 | Dec. 5..... | 46.70 |
| 20..... | 47.06 | 5..... | 46.34 | 10..... | 46.69 |

Depth to water, in feet below or (+) above land surface

150-59-20AAA, Continued

| Date | Water level | Date | Water level | Date | Water level |
|----------------|-------------|--------------|-------------|--------------|-------------|
| Dec. 15..... | 46.66 | Mar. 30..... | 46.56 | July 5..... | 46.14 |
| 20..... | 46.66 | Apr. 5..... | 46.46 | 10..... | 46.21 |
| 25..... | 46.67 | 10..... | 46.36 | 17..... | 46.35 |
| 30..... | 46.70 | 15..... | 46.26 | 20..... | 46.39 |
| Jan. 5, 1970.. | 46.71 | 20..... | 46.21 | 25..... | 46.44 |
| 10..... | 46.68 | 25..... | 46.20 | 30..... | 46.46 |
| 15..... | 46.73 | May 1..... | 46.15 | Aug. 5..... | 46.39 |
| 20..... | 46.76 | 5..... | 46.14 | 10..... | 46.41 |
| 25..... | 46.73 | 10..... | 46.08 | 15..... | 46.44 |
| 30..... | 46.76 | 15..... | 46.05 | 20..... | 46.50 |
| Feb. 5..... | 46.72 | 16..... | 46.03 | 25..... | 46.53 |
| 10..... | 46.76 | 20..... | 45.98 | 30..... | 46.58 |
| 15..... | 46.77 | 25..... | 45.95 | Sept. 5..... | 46.61 |
| 20..... | 46.77 | 30..... | 45.96 | 10..... | 46.65 |
| 25..... | 46.73 | June 5..... | 45.98 | 24..... | 46.78 |
| Mar. 1..... | 46.73 | 10..... | 46.01 | Oct. 10..... | 46.76 |
| 10..... | 46.77 | 15..... | 46.00 | Nov. 7..... | 46.72 |
| 15..... | 46.77 | 20..... | 45.97 | Dec. 2..... | 47.00 |
| 20..... | 46.77 | 25..... | 45.98 | | |
| 25..... | 46.73 | 30..... | 46.04 | | |

150-59-21BCC1

| | | | | | |
|-----------------|------|----------------|------|--------------|------|
| June 28, 1968.. | 4.14 | May 3, 1969.. | 3.30 | Aug. 27..... | 4.64 |
| July 17..... | 4.15 | July 1..... | 4.31 | Oct. 10..... | 4.65 |
| 24..... | 4.49 | Aug. 1..... | 4.31 | Nov. 7..... | 4.51 |
| Aug. 20..... | 4.76 | Nov. 8..... | 4.55 | Dec. 2..... | 4.56 |
| Sept. 13..... | 4.47 | May 17, 1970.. | 3.46 | | |
| Oct. 12..... | 4.34 | July 17..... | 4.72 | | |

150-59-21BCC2

| | | | | | |
|-----------------|------|----------------|------|--------------|------|
| June 28, 1968.. | 3.97 | May 3, 1969.. | 3.27 | Aug. 27..... | 4.59 |
| July 17..... | 3.10 | July 1..... | 3.69 | Oct. 10..... | 4.72 |
| 24..... | 4.27 | Aug. 1..... | 4.28 | Nov. 7..... | 4.42 |
| Aug. 20..... | 4.59 | Nov. 8..... | 4.34 | Dec. 2..... | 4.61 |
| Sept. 13..... | 4.29 | May 16, 1970.. | 3.24 | | |
| Oct. 12..... | 4.28 | July 17..... | 4.36 | | |

150-59-27CCC

| | | | | | |
|-----------------|------|--------------|------|-------------|------|
| July 29, 1969.. | 5.90 | July 17..... | 5.50 | Nov. 7..... | 6.05 |
| Nov. 8..... | 5.63 | Aug. 27..... | 5.92 | Dec. 2..... | 6.12 |
| May 16, 1970.. | 4.93 | Oct. 10..... | 6.00 | | |

Depth to water, in feet below or (+) above land surface

150-59-27CDD

| Date | Water level | Date | Water level | Date | Water level |
|-----------------|-------------|--------------|-------------|-------------|-------------|
| July 29, 1969.. | 25.29 | July 17..... | 26.62 | Nov. 7..... | 27.08 |
| Nov. 8..... | 27.80 | Aug. 27..... | 26.82 | Dec. 2..... | 27.16 |
| May 16, 1970.. | 26.75 | Oct. 10..... | 27.09 | | |

150-60-58DB

| | | | | | |
|-----------------|-------|--------------|-------|--------------|-------|
| July 30, 1969.. | 18.71 | Mar. 7..... | 19.21 | Aug. 27..... | 19.19 |
| Nov. 8..... | 19.21 | Apr. 18..... | 19.06 | Oct. 10..... | 19.20 |
| Dec. 6..... | 19.14 | May 16..... | 19.10 | Nov. 7..... | 19.17 |
| Jan. 31, 1970.. | 19.01 | July 17..... | 19.11 | | |

150-60-9CCC

| | | | | | |
|-----------------|-------|--------------|-------|-------------|-------|
| July 17, 1970.. | 34.98 | Oct. 10..... | 35.00 | Dec. 2..... | 35.03 |
| Aug. 27..... | 35.04 | Nov. 7..... | 34.98 | | |

150-60-9DDD

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| June 28, 1968.. | 34.75 | May 3..... | 34.76 | July 17..... | 34.48 |
| July 17..... | 34.30 | July 1..... | 34.57 | Aug. 27..... | 33.00 |
| Aug. 20..... | 34.86 | Aug. 1..... | 34.52 | Oct. 10..... | 32.99 |
| Sept. 13..... | 34.83 | Nov. 8..... | 34.50 | Nov. 7..... | 33.45 |
| Oct. 12..... | 33.76 | Dec. 6..... | 34.47 | | |
| Feb. 17, 1969.. | 34.72 | May 16, 1970.. | 34.48 | | |

150-60-12DDD

| | | | | | |
|-----------------|------|--------------|------|-------------|------|
| July 30, 1969.. | 4.06 | July 17..... | 4.85 | Nov. 7..... | 4.41 |
| Nov. 8..... | 4.53 | Aug. 27..... | 5.19 | Dec. 2..... | 5.15 |
| May 16, 1970.. | 2.67 | Oct. 10..... | 5.30 | | |

150-60-15DAA

| | | | | | |
|----------------|-------|--------------|-------|-------------|-------|
| July 7, 1970.. | 49.80 | Oct. 10..... | 49.44 | Dec. 2..... | 49.80 |
| Aug. 27..... | 49.91 | Nov. 7..... | 49.79 | | |

Depth to water, in feet below or (+) above land surface

150-60-17CCC

| Date | Water Level | Date | Water Level | Date | Water Level |
|-----------------|-------------|-----------------|-------------|--------------|-------------|
| June 28, 1968.. | 46.58 | May 3..... | 45.35 | Apr. 18..... | 45.87 |
| July 17..... | 46.08 | Aug. 1..... | 45.55 | May 16..... | 45.83 |
| Aug. 20..... | 45.97 | Nov. 8..... | 45.79 | July 17..... | 45.90 |
| Sept. 13..... | 45.95 | Dec. 6..... | 45.83 | Aug. 27..... | 46.02 |
| Oct. 12..... | 46.02 | Jan. 31, 1970.. | 45.92 | Oct. 10..... | 46.10 |
| Nov. 13..... | 46.03 | Mar. 7..... | 45.94 | Nov. 7..... | 46.15 |
| Mar. 18, 1969.. | 46.20 | Mar. 21..... | 45.93 | Dec. 2..... | 45.90 |

150-60-24AAA

| | | | | | |
|-----------------|-------|--------------|-------|-------------|-------|
| July 30, 1969.. | 49.66 | July 17..... | 49.80 | Dec. 2..... | 49.85 |
| Nov. 8..... | 49.98 | Aug. 27..... | 49.92 | | |
| May 16, 1970.. | 49.87 | Nov. 7..... | 49.89 | | |

150-60-24CCC

| | | | | | |
|-----------------|-------|-----------------|---------|--------------|-------|
| June 28, 1968.. | 53.91 | July 1..... | 53.88 | May 16..... | 53.76 |
| July 17..... | 53.80 | Aug. 1..... | 53.94 | July 17..... | 53.80 |
| 24..... | 54.29 | Oct. 16..... | a/53.72 | Aug. 27..... | 53.80 |
| Aug. 20..... | 54.33 | Nov. 8..... | 53.92 | Oct. 10..... | 53.90 |
| Sept. 13..... | 54.06 | Jan. 31, 1970.. | 53.63 | Nov. 7..... | 53.61 |
| Oct. 12..... | 54.04 | Mar. 7..... | 53.85 | Dec. 2..... | 53.80 |
| Feb. 17, 1969.. | 54.12 | Mar. 21..... | 53.60 | | |
| May 3..... | 54.05 | Apr. 18..... | 53.72 | | |
| a/ Estimated | | | | | |

150-61-2BBB

| | | | | | |
|-----------------|-----|-----------------|------|-----------------|------|
| June 17, 1952.. | 6.7 | Feb. 4, 1955.. | 6.3 | Jan. 31, 1970.. | 7.15 |
| 26..... | 6.9 | July 21..... | 5.4 | Mar. 7..... | 7.57 |
| July 9..... | 6.7 | June 26, 1958.. | 6.8 | 21..... | 6.94 |
| Aug. 7..... | 6.7 | May 4, 1960.. | 5.0 | Apr. 17..... | 2.20 |
| Nov. 20..... | 7.4 | June 26, 1968.. | 4.48 | May 16..... | 1.64 |
| Jan. 7, 1953.. | 7.9 | July 17..... | 6.32 | July 16..... | 4.64 |
| Feb. 25..... | 8.0 | Aug. 20..... | 5.98 | Aug. 24..... | 6.08 |
| Apr. 5..... | 8.3 | Sept. 13..... | 5.65 | Oct. 10..... | 6.60 |
| May 28..... | 7.8 | Oct. 12..... | 5.97 | Nov. 7..... | 6.74 |
| July 7..... | 3.4 | May 3, 1969.. | 3.08 | Dec. 2..... | 6.69 |
| Aug. 4..... | 5.8 | July 1..... | 4.52 | | |
| July 22, 1954.. | 5.6 | Aug. 1..... | 5.34 | | |

Depth to water, in feet below or (+) above land surface

| 150-61-5DDD | | | | | |
|-----------------|-------------|-----------------|-------------|--------------|-------------|
| Date | Water level | Date | Water level | Date | Water level |
| July 17, 1968.. | 33.53 | Aug. 1..... | 32.16 | Apr. 18..... | 32.26 |
| Aug. 20..... | 34.12 | Oct. 16..... | 31.87 | May 16..... | 31.98 |
| Sept. 13..... | 33.74 | Nov. 8..... | 32.22 | July 16..... | 31.81 |
| Oct. 12..... | 33.50 | Dec. 6..... | 32.25 | Aug. 27..... | 32.01 |
| Nov. 13..... | 33.34 | Jan. 31, 1970.. | 32.23 | Oct. 10..... | 32.29 |
| May 3, 1969.. | 33.54 | Mar. 7..... | 32.20 | Nov. 7..... | 32.13 |
| July 1..... | 32.19 | 21..... | 32.22 | Dec. 2..... | 32.10 |

| 150-61-6BBB | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| Oct. 16, 1969.. | 11.41 | May 16, 1970.. | 11.24 | Oct. 10..... | 10.98 |
| Nov. 8..... | 11.43 | July 16..... | 11.21 | Nov. 7..... | 10.94 |
| Dec. 6..... | 11.43 | Aug. 27..... | 10.96 | Dec. 2..... | 10.92 |

| 150-61-10CCC | | | | | |
|-----------------|-------|--------------|-------|--------------|------|
| Oct. 16, 1969.. | 9.80 | Mar. 21..... | 11.50 | Oct. 10..... | 9.53 |
| Nov. 8..... | 9.93 | Apr. 18..... | 12.17 | Nov. 7..... | 9.61 |
| Dec. 6..... | 10.10 | May 16..... | 8.40 | Dec. 2..... | 9.60 |
| Jan. 31, 1970.. | 10.98 | July 16..... | 9.38 | | |
| Mar. 7..... | 11.45 | Aug. 27..... | 9.25 | | |

| 150-61-17DDD | | | | | |
|-----------------|-------|--------------|-------|--------------|-------|
| Nov. 8, 1969.. | 80.22 | Mar. 21..... | 82.19 | Aug. 27..... | 78.83 |
| Dec. 6..... | 80.54 | Apr. 18..... | 80.67 | Nov. 7..... | 80.19 |
| Jan. 31, 1970.. | 81.29 | May 16..... | 77.96 | Dec. 2..... | 80.55 |
| Mar. 7..... | 81.98 | July 16..... | 78.46 | | |

| 150-61-19BBB | | | | | |
|-----------------|-------|--------------|-------|-------------|-------|
| July 16, 1970.. | 90.80 | Oct. 10..... | 91.57 | Dec. 2..... | 91.43 |
| Aug. 27..... | 91.07 | Nov. 7..... | 91.40 | | |

| 150-61-28AAA | | | | | |
|----------------|-------|--------------|-------|-------------|-------|
| Nov. 8, 1969.. | 81.98 | July 16..... | 81.87 | Nov. 7..... | 82.44 |
| Dec. 6..... | 82.10 | Aug. 27..... | 82.11 | Dec. 2..... | 82.42 |
| May 16, 1970.. | 81.18 | Oct. 10..... | 82.57 | | |

Depth to water, in feet below or (+) above land surface

150-61-30ABB

| Date | Water level | Date | Water level | Date | Water level |
|-----------------|-------------|-----------------|-------------|--------------|-------------|
| June 17, 1968.. | >75 | Aug. 1..... | 88.99 | June 4..... | 88.30 |
| July 24..... | 87.94 | Nov. 8..... | 89.09 | July 16..... | 88.78 |
| Aug. 20..... | 87.77 | Dec. 6..... | 89.02 | Aug. 27..... | 89.02 |
| Sept. 13..... | 87.53 | Jan. 31, 1970.. | 89.89 | Oct. 10..... | 89.45 |
| Oct. 12..... | 87.55 | Mar. 7..... | 89.38 | Nov. 7..... | 89.31 |
| Nov. 13..... | 87.40 | Apr. 21..... | 89.26 | Dec. 2..... | 89.10 |
| May 3, 1969.. | 88.84 | May 17..... | 88.12 | | |
| July 1..... | 88.62 | May 16..... | 88.05 | | |

151-60-7BDD

| | | | | | |
|-----------------|-------|----------------|-------|-------------|-------|
| Sept. 3, 1969.. | +7.86 | May 16, 1970.. | +7.47 | Nov. 7..... | +7.15 |
| Oct. 3..... | +7.61 | July 16..... | +7.49 | Dec. 2..... | +7.15 |
| Nov. 8..... | +7.52 | Aug. 27..... | +8.12 | | |
| Dec. 6..... | +7.52 | Oct. 10..... | +8.12 | | |

151-61-22CCD

| | | | | | |
|-----------------|-------|--------------|-------|--------------|-------|
| July 30, 1969.. | 20.13 | Mar. 7..... | 21.99 | July 16..... | 20.02 |
| Oct. 8..... | 21.29 | July 21..... | 22.10 | Aug. 27..... | 20.40 |
| Dec. 6..... | 21.45 | Apr. 18..... | 22.32 | Oct. 10..... | 20.82 |
| Jan. 31, 1970.. | 21.78 | May 16..... | 21.44 | Dec. 2..... | 21.00 |

151-61-30BBB

| | | | | | |
|-----------------|--------|----------------|--------|--------------|--------|
| July 12, 1968.. | 0.0 | May 3, 1969.. | .14 | July 16..... | .01 |
| July 17..... | .00 | July 1..... | .17 | Aug. 27..... | + .40 |
| Aug. 20..... | + .07 | Aug. 1..... | .17 | Oct. 10..... | + .30 |
| Sept. 13..... | + .21 | Nov. 8..... | .07 | Nov. 7..... | Frozen |
| Oct. 12..... | .01 | Dec. 6..... | Frozen | | |
| Nov. 13..... | Frozen | May 16, 1970.. | .46 | | |

151-61-36ABB

| | | | | | |
|-----------------|-------|-----------------|-------|--------------|-------|
| July 17, 1968.. | 50.82 | July 1..... | 50.68 | May 16..... | 50.55 |
| Aug. 20..... | 50.97 | Aug. 1..... | 49.74 | July 16..... | 50.40 |
| Sept. 13..... | 50.51 | Nov. 8..... | 50.62 | Aug. 27..... | 50.39 |
| Oct. 12..... | 50.58 | Dec. 6..... | 50.46 | Oct. 10..... | 50.36 |
| Nov. 13..... | 50.29 | Jan. 31, 1970.. | 50.31 | Nov. 7..... | 50.39 |
| May 3, 1969.. | 50.84 | Apr. 18..... | 50.71 | Dec. 2..... | 50.41 |

152-57-19DBB1

| | | | | | |
|----------------|-------|---------------|-------|----------------|-------|
| July 6, 1967.. | 11.13 | Sept. 20..... | 13.20 | Dec. 5..... | 14.69 |
| July 25..... | 11.15 | Oct. 23..... | 13.71 | June 6, 1968.. | 14.27 |
| Aug. 30..... | 12.82 | Nov. 14..... | 14.29 | Aug. 14..... | 14.06 |

Depth to water, in feet below or (+) above land surface

152-60-2DCC

| Date | Water level | Date | Water level | Date | Water level |
|-----------------|-------------|----------------|-------------|----------------|-------------|
| July 25, 1967.. | 13.40 | June 17..... | 13.10 | Dec. 6..... | 13.12 |
| Aug. 17..... | 12.00 | July 17..... | 13.08 | May 16, 1970.. | 13.00 |
| Sept. 20..... | 11.95 | Aug. 14..... | 13.20 | July 16..... | 13.03 |
| Oct. 23..... | 12.69 | Sept. 13..... | 12.98 | Aug. 27..... | 13.05 |
| Nov. 14..... | 12.09 | Oct. 12..... | 12.99 | Oct. 10..... | 13.77 |
| Dec. 5..... | Frozen | July 1, 1969.. | 12.97 | Nov. 7..... | 13.57 |
| Apr. 25, 1968.. | 12.83 | Aug. 1..... | 14.23 | Dec. 2..... | 13.48 |
| May 21..... | 12.96 | Nov. 8..... | 12.94 | | |

152-61-27DCD

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| July 30, 1969.. | 10.17 | Dec. 6..... | 10.56 | Oct. 10..... | 10.48 |
| Sept. 2..... | 10.52 | May 16, 1970.. | 10.33 | Nov. 7..... | 10.32 |
| Oct. 3..... | 10.50 | July 16..... | 10.38 | Dec. 2..... | 10.26 |
| Nov. 8..... | 10.55 | Aug. 27..... | 10.36 | | |

152-61-29AAA

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| July 30, 1969.. | 10.65 | May 16, 1970.. | 10.47 | Oct. 10..... | 10.56 |
| Nov. 8..... | 10.80 | July 16..... | 10.51 | Nov. 7..... | 10.49 |
| Dec. 6..... | 10.84 | Aug. 27..... | 10.62 | | |

152-61-30BBB

| | | | | | |
|-----------------|-------|----------------|-------|--------------|-------|
| July 30, 1969.. | 20.78 | May 16, 1970.. | 19.77 | Oct. 10..... | 19.84 |
| Nov. 8..... | 20.04 | July 16..... | 19.69 | Nov. 7..... | 19.81 |
| Dec. 6..... | 20.08 | Aug. 27..... | 19.89 | | |

152-61-33BCC

| | | | | | |
|-----------------|-------|-----------------|-------|--------------|-------|
| July 17, 1968.. | 49.80 | Aug. 1..... | 49.66 | May 16..... | 49.77 |
| Aug. 20..... | 49.78 | Oct. 16..... | 49.80 | July 16..... | 48.87 |
| Sept. 13..... | 49.62 | Nov. 8..... | 49.83 | Aug. 27..... | 49.69 |
| Oct. 12..... | 49.56 | Jan. 31, 1970.. | 49.86 | Oct. 10..... | 49.60 |
| Nov. 13..... | 49.77 | Mar. 7..... | 49.89 | Dec. 2..... | 49.40 |
| May 3, 1969.. | 50.52 | 21..... | 49.77 | | |
| July 1..... | 49.54 | Apr. 18..... | 49.93 | | |

152-61-35BAA

| | | | | | |
|-----------------|------|--------------|------|--------------|------|
| July 30, 1969.. | 8.30 | Mar. 7..... | 8.97 | Aug. 24..... | 8.43 |
| Aug. 20..... | 8.42 | 21..... | 8.98 | Oct. 10..... | 8.72 |
| Oct. 3..... | 8.65 | Apr. 18..... | 8.87 | Nov. 7..... | 8.66 |
| Nov. 8..... | 8.72 | May 16..... | 8.34 | Dec. 2..... | 8.15 |
| Dec. 6..... | 8.70 | July 16..... | 7.86 | | |
| Jan. 31, 1970.. | 8.80 | Aug. 3..... | 8.20 | | |

Depth to water, in feet below or (+) above land surface

153-58-32DBB

| Date | Water Level | Date | Water Level | Date | Water Level |
|-----------------|-------------|-----------------|-------------|----------------|-------------|
| July 24, 1948.. | 13.70 | Oct. 15..... | 17.30 | June 17..... | 21.70 |
| Oct. 2..... | 16.06 | 22..... | 17.30 | 25..... | 21.70 |
| July 14, 1949.. | 13.12 | 29..... | 17.00 | July 2..... | 21.50 |
| Oct. 5..... | 15.73 | Nov. 4..... | 16.85 | 9..... | 21.50 |
| Dec. 29..... | 15.67 | 5..... | 17.00 | 15..... | 21.50 |
| Jan. 12, 1950.. | 15.75 | 13..... | 17.20 | 22..... | 21.80 |
| 19..... | 16.00 | 19..... | 17.10 | 28..... | 22.10 |
| Feb. 3..... | 16.55 | 25..... | 17.20 | Aug. 5..... | 22.50 |
| 9..... | 15.80 | Dec. 3..... | 17.10 | 12..... | 22.40 |
| Mar. 3..... | 16.00 | 21..... | 20.80 | 20..... | 22.60 |
| 10..... | 16.30 | Feb. 13, 1952.. | 17.20 | 27..... | 22.80 |
| 16..... | 16.40 | Mar. 10..... | 17.70 | Sept. 3..... | 23.10 |
| 23..... | 17.00 | Apr. 9..... | 17.80 | 24..... | 22.80 |
| 31..... | 16.50 | 15..... | 17.50 | 30..... | 22.60 |
| Apr. 6..... | 16.10 | May 1..... | 19.10 | Oct. 16..... | 22.30 |
| 13..... | 16.40 | 10..... | 18.70 | 22..... | 22.20 |
| 21..... | 15.90 | 15..... | 19.10 | Nov. 5..... | 21.80 |
| 28..... | 15.90 | 24..... | 19.30 | 19..... | 22.20 |
| May 6..... | 15.00 | 29..... | 19.30 | Dec. 2..... | 21.40 |
| 12..... | 14.50 | June 7..... | 19.30 | 10..... | 21.40 |
| 18..... | 13.90 | 16..... | 18.90 | 17..... | 21.60 |
| 26..... | 14.10 | Aug. 21..... | 19.50 | 24..... | 21.50 |
| June 5..... | 13.60 | 29..... | 20.20 | 31..... | 21.40 |
| 10..... | 13.40 | Sept. 5..... | 20.20 | Jan. 7, 1954.. | 21.50 |
| 17..... | 13.30 | 13..... | 20.00 | 14..... | 21.60 |
| 23..... | 11.80 | 20..... | 20.10 | 21..... | 21.70 |
| July 1..... | 13.40 | 29..... | 20.50 | 28..... | 21.50 |
| 8..... | 13.60 | Oct. 7..... | 21.20 | Feb. 4..... | 21.60 |
| 14..... | 13.90 | 14..... | 21.10 | 11..... | 21.40 |
| 24..... | 12.60 | 21..... | 21.00 | 18..... | 21.80 |
| 29..... | 14.10 | 28..... | 21.20 | 25..... | 21.80 |
| Oct. 29..... | 15.80 | Nov. 4..... | 21.10 | Mar. 4..... | 21.80 |
| Mar. 31, 1951.. | 16.30 | 11..... | 21.00 | 11..... | 21.70 |
| Apr. 7..... | 15.80 | 18..... | 21.10 | 18..... | 21.40 |
| 14..... | 15.40 | Dec. 2..... | 20.09 | 26..... | 21.70 |
| 21..... | 15.70 | 9..... | 20.70 | Apr. 2..... | 21.60 |
| 28..... | 16.00 | 16..... | 20.30 | 8..... | 21.40 |
| May 5..... | 13.80 | 23..... | 21.70 | 15..... | 21.20 |
| 12..... | 15.20 | Jan. 13, 1953.. | 21.30 | 22..... | 21.20 |
| 19..... | 15.70 | 20..... | 21.90 | 29..... | 21.10 |
| 28..... | 18.40 | 27..... | 21.10 | May 6..... | 21.10 |
| June 3..... | 17.70 | Feb. 3..... | 21.00 | 13..... | 21.00 |
| 5..... | 17.46 | 10..... | 21.00 | 27..... | 21.80 |
| 11..... | 16.90 | 17..... | 21.00 | June 4..... | 21.70 |
| 26..... | 19.00 | 24..... | 21.00 | 11..... | 21.60 |
| July 2..... | 19.60 | Mar. 3..... | 21.00 | 18..... | 21.30 |
| 9..... | 21.10 | 10..... | 20.90 | 24..... | 21.50 |
| 16..... | 21.20 | 17..... | 21.00 | July 1..... | 21.60 |
| 23..... | 21.10 | Mar. 24..... | 21.00 | 8..... | 21.70 |
| 31..... | 20.70 | Apr. 1..... | 21.30 | 16..... | 22.50 |
| Aug. 8..... | 20.70 | 8..... | 21.50 | 22..... | 23.10 |
| 13..... | 20.40 | 16..... | 21.80 | 29..... | 23.90 |
| 20..... | 19.50 | 22..... | 21.60 | Aug. 5..... | 23.90 |
| 27..... | 18.50 | 30..... | 21.80 | 12..... | 23.20 |
| Sept. 5..... | 18.10 | May 5..... | 22.00 | 26..... | 23.00 |
| 10..... | 18.70 | 13..... | 22.20 | Sept. 2..... | 22.30 |
| 25..... | 18.70 | 20..... | 21.90 | 9..... | 22.30 |
| Oct. 1..... | 18.60 | 27..... | 21.90 | 23..... | 22.20 |
| 8..... | 18.10 | June 3..... | 21.70 | 30..... | 21.40 |
| | | 10..... | 21.40 | Oct. 14..... | 21.00 |

Depth to water, in feet below or (+) above land surface

153-58-32DBB, Continued

| Date | Water level | Date | Water level | Date | Water level |
|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| Oct. 21..... | 20.80 | July 14..... | 22.00 | Jan. 1, 1968.. | 27.15 |
| 28..... | 20.50 | 29..... | 22.80 | 5..... | 27.25 |
| Nov. 5..... | 20.40 | Oct. 3..... | 22.80 | 10..... | 27.55 |
| 11..... | 20.40 | 7..... | 23.57 | 15..... | 27.65 |
| 19..... | 20.30 | 9..... | 23.10 | 20..... | 27.75 |
| 26..... | 20.10 | 24..... | 23.80 | 25..... | 27.50 |
| Dec. 3..... | 20.10 | Nov. 4..... | 22.50 | 29..... | 28.10 |
| 9..... | 20.30 | Jan. 5, 1959.. | 22.40 | Mar. 22..... | ^a 27.73 |
| 16..... | 20.20 | Apr. 8..... | 22.20 | Apr. 25..... | ^a 28.55 |
| 23..... | 20.10 | 22..... | 22.20 | May 21..... | ^a 28.67 |
| 30..... | 20.20 | May 8..... | 23.10 | 25..... | 29.15 |
| Jan. 6, 1955.. | 20.20 | June 8..... | 22.20 | 30..... | 29.42 |
| 13..... | 20.20 | Aug. 20..... | 25.20 | June 5..... | 29.90 |
| 20..... | 20.10 | 30..... | 25.20 | 10..... | 29.70 |
| 29..... | 20.20 | Sept. 15..... | 26.10 | 15..... | 29.62 |
| Feb. 4..... | 20.30 | 29..... | 25.30 | 18..... | ^a 29.47 |
| 11..... | 20.20 | Oct. 5..... | 22.50 | 25..... | 29.95 |
| 17..... | 20.50 | May 4, 1960.. | 23.23 | 30..... | 30.25 |
| 24..... | 20.30 | 22..... | 23.20 | July 1..... | 30.15 |
| Mar. 3..... | 20.40 | June 22..... | 24.10 | 5..... | 30.25 |
| 10..... | 20.50 | July 21..... | 26.10 | 10..... | 30.27 |
| 17..... | 20.70 | Aug. 21..... | 26.10 | 15..... | 30.30 |
| 24..... | 20.90 | Oct. 4..... | 25.35 | 17..... | ^a 30.20 |
| Apr. 8..... | 20.50 | Dec. 28..... | 24.70 | Aug. 1..... | 30.70 |
| 15..... | 20.90 | May 5, 1961.. | 26.30 | 5..... | 30.79 |
| 21..... | 21.00 | 11..... | 26.10 | 10..... | 30.88 |
| May 6..... | 20.40 | 17..... | 26.60 | 15..... | 31.0 |
| 13..... | 21.00 | June 6..... | 27.80 | 20..... | 30.91 |
| 20..... | 23.00 | Sept. 8..... | 28.20 | 25..... | 31.01 |
| June 3..... | 21.90 | Nov. 25..... | 25.40 | 30..... | 30.92 |
| 10..... | 22.30 | Aug. 8, 1962.. | 26.30 | Sept. 5..... | 30.88 |
| 27..... | 22.60 | Dec. 4..... | 24.30 | 10..... | 30.72 |
| July 25..... | 23.70 | July 30, 1963.. | 29.20 | 15..... | 30.46 |
| Sept. 6..... | 24.00 | June 30, 1964.. | 27.20 | 20..... | 30.28 |
| May 16, 1956.. | 21.40 | Feb. 12, 1965.. | 23.52 | 25..... | 30.07 |
| July 6..... | 22.60 | Mar. 10..... | 24.21 | 30..... | 30.03 |
| Sept. 12..... | 23.20 | Apr. 15..... | 26.70 | Oct. 5..... | 29.89 |
| Jan. 14, 1957.. | 23.20 | May 25..... | 26.74 | 10..... | 29.81 |
| 28..... | 22.50 | June 22..... | 27.94 | 15..... | 29.75 |
| Feb. 11..... | 22.90 | Nov. 17..... | 24.04 | 20..... | 29.66 |
| 25..... | 21.60 | Apr. 13, 1966.. | 26.19 | 25..... | 29.50 |
| Mar. 26..... | 22.00 | Oct. 26..... | 25.45 | 30..... | 29.60 |
| Apr. 3..... | 22.00 | Aug. 22, 1967.. | ^a 30.11 | Nov. 5..... | 29.78 |
| 13..... | 22.20 | 30..... | ^a 28.88 | 10..... | 29.64 |
| July 1..... | 23.20 | 31..... | 29.00 | 15..... | 29.55 |
| 9..... | 24.00 | Sept. 5..... | 28.90 | 20..... | 29.35 |
| 18..... | 27.00 | 10..... | 28.85 | 25..... | 29.40 |
| 27..... | 25.70 | 15..... | 28.78 | Dec. 11..... | ^a 28.83 |
| Aug. 2..... | 25.50 | 20..... | 28.35 | Jan. 17, 1969.. | ^a 29.56 |
| 10..... | 25.80 | 25..... | 27.80 | Feb. 18..... | ^a 29.55 |
| 17..... | 26.60 | 30..... | 28.05 | Mar. 10..... | 30.17 |
| 22..... | 25.40 | Oct. 1..... | 28.15 | 15..... | 30.10 |
| 29..... | 25.60 | 5..... | 28.35 | 20..... | 29.81 |
| Sept. 5..... | 24.40 | 10..... | 28.05 | Apr. 22..... | ^a 29.67 |
| 13..... | 22.50 | 15..... | 27.80 | 25..... | 29.80 |
| Oct. 2..... | 21.50 | 20..... | 27.75 | May 1..... | 29.70 |
| 14..... | 20.41 | 23..... | ^a 27.37 | 5..... | 29.65 |
| Dec. 19..... | 19.70 | 26..... | 27.50 | 10..... | 29.55 |
| Mar. 20, 1958.. | 21.91 | Nov. 14..... | ^a 27.83 | 15..... | 29.50 |
| Apr. 14..... | 22.40 | Dec. 5..... | ^a 28.29 | 20..... | 30.20 |
| May 18..... | 23.80 | 28..... | 27.30 | 25..... | 30.25 |

Depth to water, in feet below or (+) above land surface

153-58-32DBB, Continued

| Date | Water level | Date | Water level | Date | Water level |
|--------------|--------------------|----------------|-------------|--------------|-------------|
| May 26..... | 30.10 | Nov. 15..... | 30.70 | July 7..... | 27.10 |
| 27..... | 30.30 | Dec. 15..... | 30.45 | 8..... | 27.20 |
| 28..... | 30.70 | 20..... | 30.30 | 9..... | 27.60 |
| 29..... | 31.00 | 25..... | 30.10 | 10..... | 27.75 |
| 30..... | 30.95 | Jan. 1, 1970.. | 29.85 | 11..... | 28.00 |
| June 1..... | 30.75 | 5..... | 29.65 | 12..... | 28.30 |
| 3..... | 30.70 | 10..... | 29.50 | 13..... | 28.60 |
| 5..... | 30.85 | 12..... | 29.55 | 14..... | 28.75 |
| 8..... | 31.50 | 20..... | 29.45 | 17..... | 29.10 |
| 10..... | 31.10 | 25..... | 29.10 | 20..... | 29.30 |
| 15..... | 30.80 | 31..... | 29.38 | 25..... | 29.30 |
| 20..... | 30.75 | Feb. 5..... | 29.40 | 30..... | 29.25 |
| July 1..... | 30.25 | 10..... | 29.25 | Aug. 1..... | 28.90 |
| 5..... | 30.20 | 21..... | 29.35 | 3..... | 29.00 |
| 7..... | 29.45 | 25..... | 29.35 | 10..... | 29.60 |
| 10..... | 30.20 | Mar. 1..... | 29.40 | 15..... | 29.70 |
| 15..... | 30.30 | 15..... | 29.40 | 20..... | 30.15 |
| 20..... | 30.40 | 21..... | 29.50 | 25..... | 30.65 |
| 23..... | ^a 30.25 | 25..... | 29.45 | 27..... | 31.00 |
| 25..... | 30.58 | 30..... | 29.35 | 30..... | 31.17 |
| 30..... | 30.75 | Apr. 5..... | 29.25 | Sept. 5..... | 31.15 |
| Aug. 5..... | 31.00 | 10..... | 29.25 | 10..... | 31.12 |
| 10..... | 31.05 | 15..... | 29.20 | 15..... | 31.05 |
| 15..... | 31.05 | 18..... | 29.35 | 20..... | 31.00 |
| 20..... | 31.10 | 25..... | 29.00 | 25..... | 31.05 |
| 24..... | 31.20 | 30..... | 28.55 | Oct. 10..... | 31.05 |
| 28..... | ^a 31.20 | May 5..... | 28.70 | 15..... | 31.10 |
| Sept. 1..... | 31.65 | 10..... | 28.55 | 20..... | 30.90 |
| 5..... | 31.75 | 15..... | 28.40 | 25..... | 30.75 |
| 10..... | 31.95 | 20..... | 27.45 | 30..... | 30.65 |
| 15..... | 32.25 | 25..... | 27.40 | Nov. 5..... | 30.55 |
| 20..... | 32.50 | 30..... | 27.40 | 10..... | 30.50 |
| 25..... | 32.60 | June 5..... | 27.40 | 15..... | 30.40 |
| Oct. 3..... | 32.50 | 10..... | 27.50 | 20..... | 30.25 |
| 16..... | 32.40 | 15..... | 27.75 | 25..... | 30.15 |
| 20..... | 32.25 | 20..... | 27.70 | 30..... | 29.90 |
| 25..... | 32.15 | 25..... | 27.70 | Dec. 2..... | 29.85 |
| Nov. 1..... | 31.90 | July 1..... | 27.80 | | |
| 5..... | 31.70 | 5..... | 27.70 | | |
| 10..... | 31.40 | 6..... | 27.60 | | |

^a Tape measurement

153-60-35AAA

| | | | | | |
|-----------------|-------|--------------|-------|-----------------|------|
| June 26, 1968.. | 32.45 | July 17..... | 33.46 | Apr. 22, 1969.. | 36.1 |
|-----------------|-------|--------------|-------|-----------------|------|

154-58-17DDD

| | | | | | |
|-----------------|------|----------------|------|--------------|------|
| July 17, 1968.. | 3.84 | July 1..... | 9.69 | Aug. 27..... | 7.67 |
| Aug. 6..... | 6.06 | Aug. 1..... | 8.76 | Oct. 10..... | 7.41 |
| 14..... | 6.06 | Nov. 8..... | 8.19 | Nov. 7..... | 7.31 |
| Sept. 13..... | 8.02 | Dec. 6..... | 8.15 | Dec. 2..... | 7.30 |
| Oct. 12..... | 7.44 | May 16, 1970.. | 8.75 | | |
| Apr. 24, 1969.. | 8.99 | July 16..... | 8.13 | | |

Depth to water, in feet below or (+) above land surface

154-59-17DDD

| Date | Water level | Date | Water level | Date | Water level |
|-----------------|-------------|----------------|-------------|--------------|-------------|
| July 17, 1968.. | 6.90 | July 1..... | 7.30 | July 6..... | 8.02 |
| Aug. 14..... | 7.24 | Aug. 1..... | 8.12 | Aug. 27..... | 7.86 |
| Sept. 13..... | 6.70 | Nov. 8..... | 8.08 | Oct. 10..... | 7.91 |
| Oct. 12..... | 6.88 | Dec. 6..... | 8.09 | Nov. 7..... | 7.80 |
| Apr. 24, 1969.. | 7.40 | May 16, 1970.. | 8.05 | Dec. 2..... | 7.70 |

WALSH COUNTY

155-52-27CDC1

| | | | | | |
|-----------------|------|-----------------|------|--------------|------|
| July 19, 1968.. | 6.45 | Apr. 8..... | 5.55 | May 9..... | 5.97 |
| Aug. 1..... | 6.60 | 10..... | 4.34 | June 9..... | 6.45 |
| 16..... | 6.45 | 23..... | 5.79 | July 20..... | 6.25 |
| 26..... | 6.44 | June 26..... | 6.18 | Aug. 25..... | 6.40 |
| Sept. 4..... | 6.25 | Aug. 12..... | 6.46 | Oct. 5..... | 6.38 |
| Oct. 7..... | 6.47 | Nov. 15..... | 6.22 | 24..... | 6.34 |
| Nov. 6..... | 6.52 | Dec. 13..... | 6.10 | Nov. 23..... | 6.10 |
| Feb. 13, 1969.. | 5.99 | Jan. 17, 1970.. | 5.83 | | |

155-52-27CDC2

| | | | | | |
|-----------------|------|--------------|------|----------------|------|
| Aug. 16, 1968.. | 3.29 | Mar. 11..... | 6.08 | July 20..... | 3.65 |
| 20..... | 3.10 | 15..... | 6.50 | 25..... | 3.65 |
| 25..... | 2.50 | 20..... | 6.50 | Aug. 7..... | 3.82 |
| 30..... | 2.65 | 23..... | 6.45 | 15..... | 4.20 |
| Sept. 5..... | 2.40 | 24..... | 5.25 | 20..... | 4.45 |
| 10..... | 2.60 | 25..... | 4.85 | 25..... | 4.60 |
| 15..... | 2.55 | 30..... | 4.85 | 30..... | 4.85 |
| 20..... | 2.25 | Apr. 5..... | 4.90 | Sept. 5..... | 4.90 |
| 25..... | 2.53 | 10..... | 4.34 | 25..... | 4.84 |
| 30..... | 2.65 | 11..... | 4.20 | Oct. 1..... | 4.75 |
| Oct. 5..... | 2.75 | 12..... | 3.70 | 5..... | 4.85 |
| 10..... | 2.93 | 13..... | 3.15 | 10..... | 4.65 |
| 15..... | 2.95 | 15..... | 3.00 | 15..... | 3.90 |
| 20..... | 3.17 | 23..... | 3.47 | 20..... | 3.80 |
| 25..... | 3.25 | 30..... | 3.70 | 25..... | 3.80 |
| 30..... | 3.30 | May 5..... | 3.80 | 30..... | 3.80 |
| Nov. 5..... | 3.50 | 10..... | 3.95 | Nov. 5..... | 3.70 |
| 10..... | 3.50 | 15..... | 4.00 | 10..... | 3.75 |
| 15..... | 3.60 | 20..... | 4.20 | 15..... | 3.75 |
| 20..... | 3.55 | 25..... | 4.10 | 20..... | 3.90 |
| 25..... | 3.67 | 30..... | 4.10 | 25..... | 4.00 |
| 30..... | 3.55 | June 5..... | 3.75 | Dec. 1..... | 3.95 |
| Dec. 5..... | 3.75 | 10..... | 3.60 | 5..... | 4.05 |
| 10..... | 3.80 | 15..... | 3.65 | 10..... | 4.10 |
| 15..... | 4.25 | 20..... | 3.80 | 15..... | 4.15 |
| 20..... | 4.50 | 25..... | 3.80 | 20..... | 4.07 |
| 25..... | 4.60 | 26..... | 2.80 | 25..... | 4.15 |
| 30..... | 4.75 | July 1..... | 2.80 | Jan. 1, 1970.. | 4.30 |
| Jan. 5, 1969.. | 4.75 | 5..... | 2.80 | 5..... | 4.45 |
| 10..... | 4.75 | 10..... | 3.05 | 10..... | 4.35 |
| Feb. 11..... | 6.95 | 15..... | 3.35 | 17..... | 4.76 |

Depth to water, in feet below or (+) above land surface

155-52-27CDC2, Continued

| Date | Water level | Date | Water level | Date | Water level |
|--------------|-------------|--------------|-------------|--------------|-------------|
| Jan. 20..... | 4.85 | Mar. 25..... | 5.95 | July 20..... | 2.71 |
| 25..... | 4.75 | Apr. 1..... | 5.95 | 25..... | 2.67 |
| 30..... | 5.00 | 5..... | 5.80 | 30..... | 2.70 |
| Feb. 3..... | 5.05 | 7..... | 5.40 | Aug. 5..... | 2.65 |
| 28..... | 5.30 | 8..... | 5.15 | 10..... | 2.60 |
| Mar. 1..... | 5.50 | 9..... | 5.05 | 15..... | 2.56 |
| 5..... | 5.60 | 10..... | 4.75 | 25..... | 2.56 |
| 10..... | 5.80 | 11..... | 4.55 | Oct. 5..... | 3.18 |
| 15..... | 5.90 | 25..... | 1.10 | 25..... | 3.95 |
| 20..... | 5.90 | June 9..... | 2.70 | Nov. 23..... | 4.07 |

155-52-33BCA

| | | | | | |
|-----------------|------|----------------|------|--------------|------|
| Aug. 16, 1967.. | 4.53 | Jan. 5, 1968.. | 6.13 | May 5..... | 2.01 |
| 20..... | 4.73 | 10..... | 6.13 | 10..... | 1.82 |
| 25..... | 5.03 | 15..... | 6.14 | 15..... | 1.95 |
| 31..... | 5.33 | 20..... | 6.28 | 20..... | 2.01 |
| Sept. 5..... | 5.45 | 25..... | 6.36 | 25..... | 2.79 |
| 8..... | 5.47 | 30..... | 6.43 | 30..... | 2.93 |
| 15..... | 5.64 | Feb. 5..... | 6.48 | June 5..... | 3.32 |
| 18..... | 5.72 | 10..... | 6.52 | 6..... | 1.80 |
| 20..... | 5.66 | 15..... | 6.55 | 7..... | 1.60 |
| 25..... | 5.62 | 20..... | 6.56 | 10..... | .25 |
| 30..... | 5.70 | 25..... | 6.58 | 14..... | .48 |
| Oct. 5..... | 5.80 | 29..... | 6.92 | 19..... | 1.60 |
| 10..... | 5.85 | Mar. 5..... | 7.03 | 30..... | 2.10 |
| 15..... | 5.78 | 10..... | 6.89 | July 1..... | .40 |
| 20..... | 5.65 | 15..... | 6.80 | 2..... | .60 |
| 25..... | 5.61 | 20..... | 6.55 | 4..... | 1.21 |
| 30..... | 5.64 | 25..... | 6.30 | 8..... | 2.15 |
| Nov. 2..... | 5.67 | 27..... | 5.86 | 12..... | 1.85 |
| 5..... | 5.78 | 28..... | 5.39 | 13..... | 2.07 |
| 10..... | 5.83 | 29..... | 4.64 | 15..... | 2.46 |
| 15..... | 5.86 | 30..... | 4.14 | Aug. 1..... | 3.45 |
| 20..... | 5.89 | Apr. 1..... | 4.24 | 13..... | 3.95 |
| 25..... | 5.90 | 5..... | 4.17 | 20..... | 2.60 |
| 29..... | 5.94 | 10..... | 3.63 | 25..... | 2.10 |
| Dec. 5..... | 5.99 | 15..... | 3.00 | 30..... | 2.80 |
| 10..... | 6.04 | 20..... | 2.37 | Sept. 4..... | 1.58 |
| 15..... | 6.07 | 25..... | 1.79 | 11..... | 2.27 |
| 20..... | 6.09 | 28..... | 2.50 | Oct. 7..... | 3.16 |
| 25..... | 6.11 | 30..... | 1.16 | Nov. 6..... | 3.69 |
| 30..... | 6.12 | May 1..... | 1.36 | | |

155-55-33BBA

| | | | | | |
|-----------------|------|---------------|------|---------------|------|
| Aug. 18, 1967.. | 6.97 | Apr. 18..... | 7.56 | Sept. 25..... | 7.95 |
| Sept. 21..... | 7.36 | June 4..... | 7.50 | May 9, 1970.. | 5.98 |
| Oct. 6..... | 7.48 | July 2..... | 7.37 | July 20..... | 5.37 |
| 23..... | 7.56 | 19..... | 7.03 | Aug. 20..... | 6.23 |
| Nov. 14..... | 7.02 | Sept. 4..... | 7.12 | Oct. 24..... | 6.62 |
| Mar. 28, 1968.. | 7.85 | Nov. 6..... | 6.55 | | |
| Apr. 11..... | 7.95 | May 8, 1969.. | 6.92 | | |

Depth to water, in feet below or (+) above land surface

155-56-1BBA

| Date | Water Level | Date | Water Level | Date | Water Level |
|-----------------|-------------|--------------|-------------|----------------|-------------|
| July 14, 1967.. | 17.25 | Sept. 5..... | 17.60 | Dec. 16..... | Dry |
| 27..... | 17.49 | Oct. 5..... | 17.08 | Apr. 8, 1968.. | 22.0 |
| Aug. 17..... | 17.55 | Nov. 14..... | Dry | 30..... | 17.88 |
| 25..... | 17.60 | Dec. 13..... | Dry | | |

155-56-12CCD

| | | | | | |
|----------------|-------|---------------|-------|--------------|-------|
| July 2, 1968.. | 16.35 | May 9, 1969.. | 16.40 | July 20..... | 16.26 |
| 19..... | 16.37 | July 7..... | 16.47 | Aug. 26..... | 16.32 |
| Aug. 13..... | 16.47 | Sept. 27..... | 16.70 | Oct. 24..... | 16.33 |
| Sept. 11..... | 16.40 | Nov. 15..... | 16.76 | Dec. 1..... | 16.40 |
| Oct. 7..... | 16.43 | May 6, 1970.. | 16.30 | | |

155-56-25ADD

| | | | | | |
|-----------------|-------|--------------|-------|-----------------|-------|
| Aug. 26, 1967.. | 22.97 | Mar. 10..... | 23.37 | Oct. 30..... | 23.53 |
| Sept. 1..... | 22.98 | 20..... | 23.37 | Nov. 5..... | 23.53 |
| 5..... | 23.00 | 25..... | 23.36 | 10..... | 23.55 |
| 10..... | 23.00 | 30..... | 23.24 | 15..... | 23.55 |
| 15..... | 23.02 | Apr. 2..... | 23.15 | 20..... | 23.55 |
| 20..... | 23.04 | 5..... | 23.24 | 25..... | 23.55 |
| 25..... | 23.02 | 10..... | 23.30 | 30..... | 23.56 |
| Oct. 30..... | 23.05 | 15..... | 23.32 | Dec. 5..... | 23.56 |
| 5..... | 23.07 | May 2..... | 23.34 | 9..... | 23.57 |
| 10..... | 23.09 | 8..... | 23.37 | Apr. 12, 1969.. | 23.70 |
| 15..... | 23.10 | 14..... | 23.39 | 24..... | 23.34 |
| 20..... | 23.12 | 21..... | 23.39 | May 9..... | 23.31 |
| 25..... | 23.13 | 23..... | 23.32 | 22..... | 23.00 |
| 30..... | 23.14 | 27..... | 23.42 | 25..... | 23.00 |
| Nov. 5..... | 23.15 | June 3..... | 23.93 | 30..... | 23.28 |
| 10..... | 23.15 | 10..... | 23.43 | June 17..... | 23.29 |
| 15..... | 23.16 | July 2..... | 23.48 | 20..... | 23.28 |
| 20..... | 23.18 | 9..... | 23.50 | 25..... | 23.31 |
| 25..... | 23.19 | 15..... | 23.49 | 30..... | 23.32 |
| 30..... | 23.20 | 17..... | 23.49 | July 5..... | 23.36 |
| Dec. 5..... | 23.21 | 26..... | 23.56 | 10..... | 23.37 |
| 10..... | 23.19 | Aug. 1..... | 23.58 | 15..... | 23.38 |
| 15..... | 23.19 | 6..... | 23.59 | 20..... | 23.39 |
| 20..... | 23.20 | 10..... | 23.58 | 25..... | 23.40 |
| 25..... | 23.22 | 15..... | 23.58 | Sept. 25..... | 23.39 |
| 30..... | 23.22 | 20..... | 23.57 | Nov. 17..... | 23.70 |
| Jan. 5, 1968.. | 23.24 | 25..... | 23.56 | Dec. 13..... | 23.90 |
| 10..... | 23.22 | 30..... | 23.54 | Jan. 17, 1970.. | 23.97 |
| 12..... | 23.25 | Sept. 5..... | 23.54 | Feb. 14..... | 23.89 |
| 20..... | 23.26 | 10..... | 23.47 | Apr. 7..... | 23.87 |
| 25..... | 23.25 | 15..... | 23.47 | May 6..... | 23.30 |
| 30..... | 23.29 | 20..... | 23.47 | June 9..... | 23.35 |
| Feb. 5..... | 23.30 | 25..... | 23.48 | 12..... | 23.34 |
| 10..... | 23.31 | Oct. 30..... | 23.48 | July 22..... | 23.09 |
| 15..... | 23.31 | 5..... | 23.49 | Aug. 26..... | 23.13 |
| 20..... | 23.32 | 10..... | 23.50 | Oct. 23..... | 23.19 |
| 25..... | 23.33 | 15..... | 23.50 | Dec. 1..... | 23.25 |
| Mar. 1..... | 23.33 | 20..... | 23.51 | | |
| 5..... | 23.34 | 25..... | 23.51 | | |

Depth to water, in feet below or (+) above land surface

| 155-56-25BCD | | | | | |
|-----------------|-------------|--------------|-------------|-------------|-------------|
| Date | Water level | Date | Water level | Date | Water level |
| July 10, 1970.. | 24.12 | Aug. 30..... | 24.20 | Nov. 5..... | 24.32 |
| 28..... | 23.99 | Sept. 5..... | 24.22 | 10..... | 24.34 |
| Aug. 1..... | 24.02 | 10..... | 24.24 | 15..... | 24.34 |
| 5..... | 24.04 | 15..... | 24.25 | 20..... | 24.36 |
| 10..... | 24.08 | 20..... | 24.26 | 24..... | 24.35 |
| 15..... | 24.12 | Oct. 23..... | 24.32 | Dec. 1..... | 24.35 |
| 19..... | 24.15 | 25..... | 24.34 | | |
| 25..... | 24.17 | 30..... | 24.35 | | |

| 156-54-32ABA | | | | | |
|-----------------|-------|-----------------|-------|--------------|-------|
| Aug. 22, 1969.. | 30.30 | Jan. 17, 1970.. | 30.37 | Oct. 24..... | 30.07 |
| Sept. 27..... | 30.16 | Feb. 14..... | 30.25 | Nov. 23..... | 30.10 |
| Nov. 15..... | 29.99 | May 9..... | 30.07 | | |
| Dec. 13..... | 30.18 | July 20..... | 30.22 | | |

| 156-55-5DDD | | | | | |
|-----------------|------|-----------------|-------|--------------|-------|
| July 12, 1968.. | 9.05 | Oct. 7..... | 9.36 | Feb. 12..... | 10.34 |
| 15..... | 9.11 | Apr. 22, 1969.. | 6.94 | May 6..... | 6.75 |
| 23..... | 8.62 | July 14..... | 8.85 | July 20..... | 8.11 |
| Aug. 6..... | 8.79 | Sept. 25..... | 9.25 | Aug. 25..... | 8.59 |
| 13..... | 9.01 | Nov. 25..... | 10.15 | Oct. 24..... | 9.17 |
| Sept. 4..... | 9.07 | Jan. 17, 1970.. | 10.25 | Nov. 23..... | 9.15 |

| 156-55-19CCC | | | | | |
|----------------|-------|----------------|-------|---------------|-------|
| May 21, 1968.. | 59.10 | Aug. 26..... | 58.41 | Nov. 15..... | 59.36 |
| 29..... | 59.23 | Sept. 11..... | 58.48 | May 6, 1970.. | 59.00 |
| June 4..... | 59.12 | Oct. 7..... | 58.58 | July 20..... | 59.32 |
| 10..... | 59.08 | Nov. 6..... | 58.64 | Aug. 24..... | 59.28 |
| July 2..... | 58.83 | Apr. 8, 1969.. | 58.85 | Oct. 24..... | 59.18 |
| 19..... | 60.30 | July 7..... | 59.09 | Dec. 1..... | 59.10 |
| Aug. 14..... | 56.33 | Aug. 12..... | 58.91 | | |
| 19..... | 59.08 | Sept. 27..... | 59.19 | | |

| 156-55-28DDD | | | | | |
|-----------------|-------|-----------------|-------|--------------|-------|
| July 12, 1968.. | 11.53 | Nov. 25..... | 12.60 | July 20..... | 10.50 |
| Aug. 13..... | 11.38 | Dec. 13..... | 12.70 | Aug. 25..... | 11.12 |
| Sept. 4..... | 11.51 | Jan. 17, 1970.. | 12.95 | Oct. 24..... | 12.10 |
| Oct. 7..... | 12.79 | Feb. 14..... | 13.13 | Nov. 23..... | 12.30 |
| Apr. 8, 1969.. | 12.77 | Mar. 18..... | 13.30 | | |
| Aug. 12..... | 11.50 | May 9..... | 10.01 | | |

Depth to water, in feet below or (+) above land surface

156-55-30BAA

| Date | Water level | Date | Water level | Date | Water level |
|----------------|-------------|--------------|-------------|----------------|-------------|
| June 6, 1968.. | 3.3 | Aug. 14..... | 4.00 | Oct. 7..... | 4.12 |
| July 2..... | 3.98 | 19..... | 4.02 | Apr. 8, 1969.. | 3.77 |
| 12..... | 4.03 | 26..... | 4.06 | Nov. 25..... | 4.10 |
| 19..... | 3.90 | Sept. 4..... | 4.07 | | |

156-56-4CCC

| | | | | | |
|-----------------|-------|-----------------|-------|-----------------|-------|
| Aug. 25, 1967.. | 14.40 | May 27..... | 12.48 | Sept. 27..... | 12.76 |
| Sept. 5..... | 13.54 | June 10..... | 12.35 | Nov. 15..... | 12.63 |
| 21..... | 13.26 | July 2..... | 12.55 | Dec. 13..... | 12.71 |
| Oct. 5..... | 13.14 | 17..... | 12.57 | Jan. 17, 1970.. | 12.83 |
| 23..... | 12.94 | Aug. 14..... | 12.72 | Feb. 14..... | 12.54 |
| Nov. 14..... | 12.89 | Sept. 11..... | 12.50 | Mar. 18..... | 12.50 |
| Dec. 13..... | 12.86 | Oct. 7..... | 12.50 | May 9..... | 12.21 |
| Jan. 16, 1968.. | 12.70 | Nov. 6..... | 11.82 | 30..... | 12.17 |
| Feb. 5..... | 12.55 | Jan. 10, 1969.. | 12.50 | July 20..... | 12.27 |
| Mar. 22..... | 12.59 | Feb. 13..... | 13.33 | Aug. 24..... | 12.36 |
| Apr. 11..... | 12.56 | Apr. 22..... | 12.30 | Oct. 24..... | 12.43 |
| 30..... | 12.52 | July 7..... | 12.35 | Dec. 1..... | 12.30 |
| May 21..... | 14.37 | Aug. 8..... | 12.64 | | |

156-56-11CCC

| | | | | | |
|------------------|-------|---------------|---------|--------------|-------|
| Sept. 25, 1969.. | 46.65 | May 9, 1970.. | Flooded | Oct. 24..... | 30.45 |
| 27..... | 46.72 | July 20..... | 21.51 | | |
| Nov. 15..... | 46.62 | Aug. 25..... | 23.13 | | |

156-56-15DCC

| | | | | | |
|----------------|-------|-----------------|-------|--------------|-------|
| July 2, 1968.. | 15.03 | Nov. 6..... | 14.34 | July 20..... | 14.27 |
| 19..... | 14.20 | July 7, 1969.. | 14.34 | Aug. 25..... | 14.27 |
| Aug. 14..... | 14.19 | Aug. 12..... | 14.40 | Nov. 24..... | 14.39 |
| Sept. 11..... | 14.25 | June 12, 1970.. | 14.30 | | |

156-56-16CCB

| | | | | | |
|-----------------|-------|-----------------|-------|-----------------|-------|
| Aug. 25, 1967.. | 8.36 | May 27..... | 7.93 | Nov. 15..... | 10.21 |
| Sept. 5..... | 9.08 | June 3..... | 8.08 | Dec. 13..... | 10.35 |
| 13..... | 9.24 | 10..... | 7.63 | Jan. 17, 1970.. | 10.53 |
| Oct. 5..... | 9.45 | July 2..... | 8.40 | Feb. 14..... | 10.57 |
| 23..... | 10.02 | 17..... | 8.75 | Mar. 18..... | 10.70 |
| Nov. 14..... | 9.68 | Aug. 14..... | 9.32 | May 9..... | 7.31 |
| Dec. 13..... | 9.98 | Sept. 11..... | 9.57 | 30..... | 7.07 |
| Jan. 16, 1968.. | 9.98 | Nov. 6..... | 10.02 | July 30..... | 7.37 |
| Feb. 8..... | 10.10 | Feb. 13, 1969.. | 10.44 | Aug. 25..... | 8.70 |
| Mar. 20..... | 7.66 | Apr. 22..... | 6.80 | Oct. 24..... | 9.52 |
| Apr. 11..... | 7.78 | July 7..... | 7.57 | Dec. 1..... | 8.75 |
| 30..... | 7.76 | Aug. 12..... | 10.91 | | |
| May 21..... | 6.73 | Sept. 27..... | 9.70 | | |

Depth to water, in feet below or (+) above land surface

156-56-16DDC

| Date | Water level | Date | Water level | Date | Water level |
|----------------|-------------|----------------|-------------|--------------|-------------|
| July 2, 1968.. | 4.84 | Aug. 12..... | 5.91 | July 20..... | 5.25 |
| July 19..... | 5.32 | Sept. 27..... | 6.31 | Aug. 25..... | 5.82 |
| Aug. 14..... | 5.88 | Nov. 15..... | 6.43 | Oct. 24..... | 5.98 |
| Sept. 11..... | 5.71 | Mar. 3, 1970.. | 6.77 | Dec. 1..... | 5.90 |
| July 7, 1969.. | 6.03 | May 9..... | 4.00 | | |

156-56-22DDD

| | | | | | |
|-----------------|-------|---------------|-------|----------------|-------|
| Aug. 19, 1968.. | 18.28 | Apr. 9..... | 18.72 | Dec. 13..... | 18.93 |
| Aug. 25..... | 18.33 | Apr. 10..... | 18.61 | Dec. 20..... | 18.94 |
| Aug. 30..... | 18.33 | Apr. 11..... | 18.55 | Dec. 25..... | 18.96 |
| Sept. 5..... | 18.34 | Apr. 12..... | 18.52 | Dec. 30..... | 18.97 |
| Sept. 10..... | 18.35 | Apr. 13..... | 18.48 | Jan. 5, 1970.. | 18.98 |
| Sept. 15..... | 18.35 | Apr. 14..... | 18.44 | Jan. 10..... | 18.97 |
| Sept. 20..... | 18.36 | Apr. 15..... | 18.44 | Jan. 14..... | 18.98 |
| Sept. 25..... | 18.38 | Apr. 20..... | 18.45 | Jan. 20..... | 18.98 |
| Sept. 30..... | 18.37 | Apr. 25..... | 18.43 | Jan. 25..... | 18.98 |
| Oct. 5..... | 18.38 | Apr. 30..... | 18.43 | Jan. 30..... | 19.00 |
| Oct. 10..... | 18.40 | May 5..... | 18.42 | Feb. 5..... | 19.02 |
| Oct. 15..... | 18.40 | May 10..... | 18.41 | Feb. 10..... | 19.04 |
| Oct. 20..... | 18.42 | May 14..... | 18.40 | Feb. 14..... | 19.08 |
| Oct. 25..... | 18.44 | May 25..... | 18.40 | Feb. 20..... | 19.08 |
| Oct. 30..... | 18.44 | May 30..... | 18.41 | Feb. 25..... | 19.10 |
| Nov. 5..... | 18.46 | June 5..... | 18.43 | Mar. 1..... | 19.11 |
| Nov. 10..... | 18.48 | June 10..... | 18.45 | Mar. 5..... | 19.12 |
| Nov. 15..... | 18.48 | June 15..... | 18.47 | Mar. 10..... | 19.13 |
| Nov. 20..... | 18.48 | June 20..... | 18.48 | Mar. 15..... | 19.14 |
| Nov. 25..... | 18.51 | June 23..... | 18.49 | Mar. 18..... | 19.15 |
| Nov. 30..... | 18.51 | July 3..... | 18.52 | Mar. 25..... | 19.21 |
| Dec. 5..... | 18.53 | July 10..... | 18.54 | Mar. 30..... | 19.21 |
| Dec. 10..... | 18.55 | July 15..... | 18.55 | Apr. 5..... | 19.22 |
| Dec. 15..... | 18.55 | July 20..... | 18.57 | Apr. 6..... | 18.98 |
| Dec. 20..... | 18.55 | July 25..... | 18.58 | Apr. 7..... | 18.91 |
| Dec. 25..... | 18.56 | July 30..... | 18.60 | Apr. 8..... | 18.77 |
| Dec. 30..... | 18.56 | Aug. 4..... | 18.61 | Apr. 9..... | 18.74 |
| Jan. 5, 1969.. | 18.56 | Aug. 10..... | 18.63 | Apr. 10..... | 18.73 |
| Jan. 10..... | 18.60 | Aug. 15..... | 18.64 | Apr. 11..... | 18.72 |
| Jan. 15..... | 18.61 | Aug. 20..... | 18.66 | Apr. 12..... | 18.69 |
| Jan. 20..... | 18.63 | Aug. 25..... | 18.67 | Apr. 13..... | 18.67 |
| Jan. 25..... | 18.65 | Aug. 30..... | 18.69 | Apr. 14..... | 18.65 |
| Jan. 30..... | 18.67 | Sept. 5..... | 18.70 | Apr. 15..... | 18.65 |
| Feb. 5..... | 18.70 | Sept. 25..... | 18.76 | Apr. 16..... | 18.64 |
| Feb. 10..... | 18.72 | Sept. 30..... | 18.76 | Apr. 17..... | 18.63 |
| Feb. 15..... | 18.73 | Oct. 5..... | 18.78 | Apr. 18..... | 18.62 |
| Feb. 20..... | 18.75 | Oct. 10..... | 18.79 | May 6..... | 18.65 |
| Feb. 25..... | 18.77 | Oct. 15..... | 18.81 | May 10..... | 18.63 |
| Mar. 1..... | 18.79 | Oct. 20..... | 18.81 | May 15..... | 18.63 |
| Mar. 5..... | 18.80 | Oct. 25..... | 18.82 | May 20..... | 18.59 |
| Mar. 10..... | 18.82 | Oct. 30..... | 18.83 | May 25..... | 18.54 |
| Mar. 15..... | 18.83 | Nov. 5..... | 18.85 | May 30..... | 18.52 |
| Mar. 20..... | 18.85 | Nov. 10..... | 18.86 | June 9..... | 18.50 |
| Mar. 25..... | 18.88 | Nov. 15..... | 18.88 | June 15..... | 18.49 |
| Mar. 30..... | 18.89 | Nov. 20..... | 18.90 | June 20..... | 18.49 |
| Apr. 5..... | 18.91 | Nov. 25..... | 18.90 | June 25..... | 18.47 |
| Apr. 6..... | 18.90 | Nov. 30..... | 18.91 | June 30..... | 18.46 |
| Apr. 7..... | 18.88 | Dec. 5..... | 18.92 | July 5..... | 18.46 |
| Apr. 8..... | 18.83 | Dec. 10..... | 18.93 | July 10..... | 18.45 |

Depth to water, in feet below or (+) above land surface

156-56-22DBD, Continued

| Date | Water Level | Date | Water Level | Date | Water Level |
|--------------|-------------|--------------|-------------|--------------|-------------|
| July 20..... | 18.35 | Aug. 10..... | 18.34 | Oct. 23..... | 18.52 |
| 25..... | 18.34 | 15..... | 18.34 | Nov. 2..... | 18.52 |
| 30..... | 18.33 | 20..... | 18.35 | Dec. 1..... | 18.50 |
| Aug. 5..... | 18.34 | 26..... | 18.34 | | |

156-56-24CCC

| | | | | | |
|----------------|-------|-----------------|-------|--------------|-------|
| May 27, 1968.. | 22.29 | Oct. 7..... | 21.65 | Feb. 14..... | 22.14 |
| June 4..... | 21.24 | May 9, 1969.. | 21.69 | Mar. 18..... | 22.15 |
| 6..... | 21.22 | July 7..... | 21.79 | May 9..... | 21.92 |
| 10..... | 21.68 | Aug. 12..... | 21.87 | June 12..... | 21.90 |
| July 2..... | 18.29 | Sept. 27..... | 21.93 | July 20..... | 21.81 |
| 19..... | 21.03 | Nov. 15..... | 22.05 | Aug. 24..... | 21.91 |
| Aug. 14..... | 19.79 | Dec. 13..... | 22.12 | | |
| Sept. 11..... | 21.61 | Jan. 17, 1970.. | 22.04 | | |

156-56-34DCC

| | | | | | |
|----------------|-------|----------------|-------|--------------|-------|
| June 3, 1968.. | 24.04 | Sept. 11..... | 24.29 | July 20..... | 24.65 |
| 10..... | 24.23 | July 7, 1969.. | 24.53 | Aug. 25..... | 24.52 |
| July 2..... | 24.35 | Sept. 27..... | 24.75 | Oct. 24..... | 24.48 |
| 19..... | 24.35 | Nov. 15..... | 24.86 | Dec. 1..... | 24.40 |
| Aug. 14..... | 24.20 | May 9, 1970.. | 24.72 | | |

156-56-36CCC1

| | | | | | |
|-----------------|------|-----------------|--------|--------------|---------|
| May 27, 1968.. | 6.89 | Feb. 13..... | Frozen | Mar. 18..... | 6.34 |
| June 10..... | 6.83 | May 9..... | 6.08 | Apr. 7..... | Flooded |
| July 2..... | 6.85 | July 7..... | 6.53 | May 6..... | 5.73 |
| 19..... | 6.61 | Sept. 25..... | 6.65 | July 20..... | 6.22 |
| Aug. 14..... | 6.72 | Oct. 20..... | 6.63 | Aug. 25..... | 6.38 |
| Sept. 11..... | 6.44 | Nov. 15..... | 6.74 | Oct. 24..... | 6.56 |
| Oct. 7..... | 6.59 | Dec. 13..... | 6.74 | Dec. 1..... | 6.55 |
| 30..... | 6.75 | Jan. 17, 1970.. | 6.43 | | |
| Jan. 10, 1969.. | 6.31 | Feb. 14..... | 6.68 | | |

157-51-16DCD1

| | | | | | |
|-----------------|-------|-----------------|------|---------------|------|
| Mar. 11, 1939.. | 12.09 | Nov. 30..... | 4.84 | May 4, 1964.. | .65 |
| Apr. 12, 1941.. | .12 | Apr. 23, 1963.. | 5.83 | Aug. 26..... | 5.28 |
| May 28, 1962.. | 1.05 | Nov. 20..... | 8.55 | Oct. 6..... | 4.89 |

157-53-22DDC

| | | | | | |
|----------------|------|-------------|------|----------------|------|
| Aug. 1, 1967.. | +8.5 | Oct. 5..... | +8.9 | May 16, 1968.. | +8.9 |
| 7..... | +8.9 | | | | |

Depth to water, in feet below or (+) above land surface

157-54-28BBC

| Date | Water level | Date | Water level | Date | Water level |
|----------------|-------------|---------------|-------------|------------------|-------------|
| Aug. 2, 1967.. | 15.40 | Mar. 28..... | 16.94 | Oct. 7..... | 16.81 |
| 14..... | 16.70 | Apr. 11..... | 16.90 | Nov. 6..... | 16.88 |
| 31..... | 16.84 | May 2..... | 17.07 | Sept. 25, 1969.. | 17.15 |
| Sept. 13..... | 16.81 | 27..... | 17.14 | Aug. 25, 1970.. | 14.12 |
| Oct. 16..... | 16.76 | July 8..... | 16.98 | Oct. 23..... | 15.92 |
| Nov. 20..... | 16.87 | Aug. 9..... | 16.83 | | |
| Feb. 2, 1968.. | 16.85 | Sept. 11..... | 16.82 | | |

157-55-21DBC

| | | | | | |
|-----------------|-------|-------------|-------|-----------------|-------|
| May 28, 1968.. | 91.43 | May 1..... | 91.58 | Sept. 25..... | 91.59 |
| June 24..... | 91.48 | 10..... | 91.73 | Oct. 5..... | 91.66 |
| July 23..... | 91.45 | 15..... | 91.58 | 10..... | 91.45 |
| Aug. 9..... | 91.50 | 22..... | 91.88 | 15..... | 91.67 |
| Sept. 4..... | 91.25 | June 1..... | 91.74 | 20..... | 91.66 |
| Oct. 7..... | 91.10 | 10..... | 91.73 | Nov. 15..... | 91.79 |
| Nov. 6..... | 91.40 | 15..... | 91.80 | Dec. 13..... | 91.87 |
| Dec. 9..... | 91.40 | 20..... | 91.86 | Jan. 17, 1970.. | 91.35 |
| Jan. 10, 1969.. | 91.70 | 23..... | 91.75 | Feb. 14..... | 91.55 |
| Feb. 13..... | 91.60 | July 5..... | 91.82 | Mar. 18..... | 91.90 |
| 28..... | 91.55 | 10..... | 91.74 | May 9..... | 91.55 |
| Mar. 11..... | 91.63 | 15..... | 91.76 | July 20..... | 91.35 |
| 30..... | 91.95 | 25..... | 91.73 | Aug. 25..... | 91.61 |
| Apr. 10..... | 91.75 | 30..... | 91.75 | Oct. 23..... | 91.57 |
| 25..... | 91.55 | Aug. 4..... | 91.77 | Nov. 23..... | 91.85 |

157-57-16CBB

| | | | | | |
|------------------|-------|-----------------|-------|---------------|-------|
| Sept. 27, 1967.. | 19.19 | Aug. 26..... | 19.17 | May 9, 1970.. | 16.02 |
| Oct. 16..... | 19.29 | Sept. 10..... | 19.01 | July 14..... | 16.50 |
| Nov. 27..... | 20.85 | Oct. 7..... | 19.25 | Aug. 25..... | 18.35 |
| Feb. 2, 1968.. | 19.91 | Nov. 6..... | 19.57 | Oct. 24..... | 19.21 |
| Mar. 28..... | 19.79 | Aug. 12, 1969.. | 17.54 | | |
| July 26..... | 18.71 | Nov. 15..... | 19.31 | | |

157-58-18DDD

| | | | | | |
|----------------|------|----------------|------|-------------|------|
| June 5, 1968.. | 7.14 | Nov. 20..... | 4.23 | Feb. 1..... | 5.84 |
| July 8..... | 6.03 | 25..... | 4.25 | 5..... | 5.95 |
| 15..... | 5.86 | 30..... | 4.29 | 10..... | 6.18 |
| Aug. 26..... | 4.50 | Dec. 5..... | 4.25 | 15..... | 6.25 |
| Sept. 10..... | 3.74 | 7..... | 4.32 | 20..... | 6.47 |
| 15..... | 4.45 | 12..... | 4.41 | 25..... | 6.56 |
| 25..... | 4.00 | 15..... | 4.55 | Mar. 1..... | 6.56 |
| 30..... | 4.00 | 20..... | 4.65 | 5..... | 6.75 |
| Oct. 5..... | 4.09 | 25..... | 4.78 | 10..... | 6.92 |
| 16..... | 4.05 | Jan. 1, 1969.. | 4.94 | 15..... | 7.03 |
| 20..... | 4.05 | 5..... | 5.08 | 20..... | 7.12 |
| 25..... | 4.10 | 10..... | 5.23 | 25..... | 7.23 |
| Nov. 1..... | 4.11 | 15..... | 5.40 | Apr. 1..... | 7.24 |
| 10..... | 4.18 | 20..... | 5.52 | 5..... | 7.32 |
| 15..... | 4.20 | 25..... | 5.65 | 22..... | 4.80 |

Depth to water, in feet below or (+) above land surface

157-58-18DDD, Continued

| Date | Water level | Date | Water level | Date | Water level |
|--------------|-------------|----------------|-------------|--------------|-------------|
| Apr. 25..... | 4.70 | Oct. 20..... | 5.30 | Mar. 1..... | 7.55 |
| 30..... | 5.32 | Nov. 1..... | 5.40 | 5..... | 7.60 |
| May 5..... | 5.20 | 10..... | 5.40 | 10..... | 7.60 |
| 10..... | 5.92 | 15..... | 5.40 | 15..... | 7.75 |
| 15..... | 5.68 | 20..... | 5.50 | 20..... | 7.70 |
| 22..... | 5.70 | 25..... | 5.55 | 25..... | 7.70 |
| 25..... | 5.65 | Dec. 1..... | 5.65 | 30..... | 7.65 |
| 30..... | 5.61 | 5..... | 5.70 | Apr. 5..... | 7.60 |
| June 1..... | 3.65 | 10..... | 5.70 | 10..... | 7.25 |
| 5..... | 3.70 | 15..... | 5.65 | 15..... | 6.80 |
| 10..... | 3.90 | 20..... | 5.75 | 19..... | 6.40 |
| Aug. 12..... | 4.16 | 25..... | 5.80 | May 9..... | 1.62 |
| 15..... | 4.25 | Jan. 1, 1970.. | 5.85 | 15..... | 1.05 |
| 20..... | 4.43 | 5..... | 6.05 | 20..... | 1.15 |
| 26..... | 4.60 | 10..... | 6.15 | 25..... | 1.50 |
| Sept. 1..... | 4.80 | 14..... | 6.42 | June 1..... | 1.80 |
| 5..... | 4.80 | 20..... | 6.45 | 5..... | 2.80 |
| 10..... | 4.90 | 25..... | 6.50 | 6..... | 3.15 |
| 15..... | 4.95 | 30..... | 6.65 | 8..... | 3.45 |
| 20..... | 5.00 | Feb. 5..... | 6.75 | 10..... | 2.75 |
| 27..... | 5.21 | 10..... | 6.95 | July 15..... | 2.85 |
| Oct. 1..... | 5.20 | 14..... | 6.96 | 23..... | 2.77 |
| 5..... | 5.15 | 20..... | 7.30 | Aug. 25..... | 4.30 |
| 10..... | 5.10 | 25..... | 7.45 | Nov. 23..... | 4.98 |

158-51-108BB

| | | | | | |
|-----------------|------|----------------|------|-----------------|------|
| July 19, 1968.. | 4.54 | Nov. 6..... | 2.66 | July 20, 1970.. | 2.59 |
| Aug. 9..... | 4.22 | May 12, 1969.. | 3.43 | Aug. 25..... | 3.03 |
| Sept. 11..... | 2.66 | Sept. 27..... | 3.42 | Oct. 23..... | 3.76 |
| Oct. 7..... | 2.24 | Nov. 15..... | 3.10 | Nov. 23..... | 3.91 |

158-51-178BB

| | | | | | |
|-----------------|------|----------------|------|-----------------|------|
| July 19, 1968.. | 2.43 | Nov. 6..... | 1.28 | July 20, 1970.. | 3.23 |
| Aug. 9..... | 2.60 | May 12, 1969.. | 2.59 | Aug. 25..... | 4.49 |
| Sept. 11..... | 1.47 | Sept. 27..... | 3.98 | Oct. 24..... | 4.03 |
| Oct. 7..... | 1.80 | Nov. 15..... | 3.29 | | |

158-56-348BB

| | | | | | |
|------------------|-------|-----------------|-------|--------------|-------|
| Sept. 27, 1969.. | 69.98 | Jan. 17, 1970.. | 70.19 | Oct. 23..... | 70.65 |
| Oct. 20..... | 70.03 | May 9..... | 70.37 | Dec. 1..... | 70.75 |
| Nov. 15..... | 70.03 | July 15..... | 70.51 | | |
| Dec. 13..... | 70.09 | Aug. 25..... | 70.73 | | |

Depth to water, in feet below or (+) above land surface

158-58-30AAA

| Date | Water level | Date | Water level | Date | Water level |
|----------------|-------------|-----------------|-------------|---------------|-------------|
| June 5, 1968.. | 6.31 | Nov. 6..... | 5.27 | Nov. 15..... | 5.14 |
| July 15..... | 6.28 | Apr. 22, 1969.. | 5.85 | May 9, 1970.. | 5.87 |
| Aug. 26..... | 5.99 | July 7..... | 5.86 | July 15..... | 5.61 |
| Sept. 10..... | 5.01 | Aug. 2..... | 5.68 | Aug. 25..... | 5.41 |
| Oct. 7..... | 5.46 | Sept. 27..... | 5.42 | Oct. 24..... | 5.36 |

158-59-34DDD

| | | | | | |
|----------------|-------|-----------------|-------|--------------|-------|
| June 5, 1968.. | 11.60 | Apr. 22, 1969.. | 11.60 | July 15..... | 11.90 |
| July 15..... | 11.72 | July 7..... | 12.74 | Aug. 25..... | 12.12 |
| Aug. 26..... | 11.89 | Aug. 12..... | 12.01 | Oct. 24..... | 12.08 |
| Sept. 10..... | 11.79 | Sept. 27..... | 12.16 | Dec. 1..... | 12.00 |
| Oct. 7..... | 11.88 | Nov. 15..... | 12.10 | | |
| Nov. 6..... | 11.92 | May 9, 1970.. | 11.77 | | |

TABLE 3.--Logs of wells and test holes

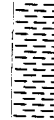
EXPLANATION



Till



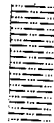
Shale



Clay



Shale, limey



Silt



Limestone



Gravel



Limestone, shaly



Sand or sandstone



Gypsum



Sandstone with interbedded shale

NELSON COUNTY

149-57-58BB
(Log from Ringdahl Drilling)

Elevation: 1500 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------------|-------------------------|---------------------|
| | Gravelly yellow clay----- | 40 | 40 |
| | Gravel----- | 10 | 50 |
| | Shale----- | 10 | 60 |
| | White clay (bentonite)----- | 10 | 70 |
| | Shale----- | 42 | 112 |

149-57-11ABC
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | | |
|--|---------------------|----|-----|
| | Clay, silty----- | 54 | 54 |
| | Shale gravel----- | 5 | 59 |
| | Shale and clay----- | 4 | 63 |
| | Shale----- | 67 | 130 |

149-57-29CCC
Test hole 6
(Log from Dennis, 1947)

Elevation: 1452 ft

| | | | |
|--|--|----|----|
| | Till, weathered: yellow clay with gravel----- | 19 | 19 |
| | Till, unweathered: gray clay with gravel----- | 22 | 41 |
| | Shale----- | 7 | 48 |

149-57-31ABB
Test hole 2
(Log from Dennis, 1947)

Elevation: 1462 ft

| | | | |
|--|---|----|----|
| | Soil, yellow, sandy, with some pebbles--- | 5 | 5 |
| | Till, weathered, yellow clay with sand and gravel----- | 14 | 19 |
| | Till, unweathered, gray clay with shale pebbles----- | 11 | 30 |
| | Sand composed of shale grains----- | 2 | 32 |
| | Shale----- | 6 | 38 |

149-57-31BAA
Test hole 1
(Log from Dennis, 1947)

Elevation: 1464 ft

| | | | |
|--|--|---|----|
| | Soil, black, sandy----- | 3 | 3 |
| | Gravel and sand with some black clay----- | 5 | 8 |
| | Sand, gray, fine to medium----- | 4 | 12 |
| | Sand, gray, fine to medium, silty----- | 6 | 18 |
| | Gravel and sand, pebbles mostly of shale----- | 7 | 25 |
| | Gravel and boulders with some clay----- | 3 | 28 |
| | Shale----- | 8 | 36 |

149-57-31BAB
 Test hole 3
 (Log from Dennis, 1947)

Elevation: 1444 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Soil, black, sandy----- | 5 | 5 |
| | Gravel and sand, mostly shale pebbles and grains----- | 32 | 37 |
| | Till: gray clay with gravel and sand---- | 9 | 46 |
| | Shale----- | 10 | 56 |

149-57-31BDD
 Test hole 4
 (Log from Dennis, 1947)

Elevation: 1452 ft

| | | | |
|--|--|----|----|
| | Soil, black, sandy----- | 4 | 4 |
| | Gravel with some sand and clay----- | 7 | 11 |
| | Sand, brown, fine to medium----- | 16 | 27 |
| | Gravel and sand, coarse, mostly shale pebbles and grains----- | 11 | 38 |
| | Gravel and cobbles----- | 6 | 44 |
| | Shale----- | 4 | 48 |

149-57-31DAC
 Test hole 7
 (Log from Dennis, 1947)

Elevation: 1450 ft

| | | | |
|--|--------------------------------|----|----|
| | Soil, black, gravelly----- | 4 | 4 |
| | Sand, gravel and boulders----- | 4 | 8 |
| | Till, weathered, gravelly----- | 10 | 18 |
| | Till, unweathered, gray----- | 8 | 26 |
| | Shale----- | 7 | 33 |

149-58-2BCD
 (Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|------------------------|----|-----|
| | Topsoil----- | 1 | 1 |
| | Sandy yellow clay----- | 22 | 23 |
| | Sandy blue clay----- | 31 | 54 |
| | Shale----- | 96 | 150 |

149-58-5ABC
 (Log from U.S. Air Force)

Elevation: 1510 ft

| | | | |
|--|---|-----|------|
| | Sand, fine----- | 2 | 2 |
| | Clay, silty----- | 8 | 10 |
| | Sand, fine----- | 2.5 | 12.5 |
| | Clay, silty----- | 2.5 | 15 |
| | Sand, silty, fine----- | 5 | 20 |
| | Clay, silty, yellow----- | 3 | 23 |
| | Clay, silty, brown; with fine sand lenses----- | 17 | 40 |
| | Sand, silty, fine----- | 8 | 48 |
| | Silt, clayey; and shale fragments----- | 14 | 62 |
| | Shale, fractured----- | 68 | 130 |

149-58-8CBB2
(Log from C. A. Simpson & Son)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------------------------|-------------------------|---------------------|
| | Clay, sandy, silty, rocky, blue----- | 24 | 24 |
| | Clay, sandy, gravelly, blue----- | 35 | 59 |
| | Shale (Pierre Formation)----- | 20 | 79 |

149-58-12CAA
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | | |
|--|--------------------------|----|-----|
| | Sand, clay and silt----- | 52 | 52 |
| | Shale----- | 77 | 129 |

149-58-15CCC
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|------------------------|----|-----|
| | Topsoil----- | 2 | 2 |
| | Sandy yellow clay----- | 20 | 22 |
| | Sandy blue clay----- | 12 | 34 |
| | Gravelly clay----- | 14 | 48 |
| | Shale----- | 62 | 110 |

149-58-16DDD1
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|-------------------------|----|-----|
| | Topsoil----- | 1 | 1 |
| | Sandy yellow clay----- | 25 | 26 |
| | Sandy blue clay----- | 12 | 38 |
| | Gravelly blue clay----- | 12 | 50 |
| | Pierre shale----- | 50 | 100 |

149-58-16DDD2
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|-------------------------|----|-----|
| | Topsoil----- | 1 | 1 |
| | Sandy yellow clay----- | 23 | 24 |
| | Sandy blue clay----- | 21 | 45 |
| | Gravelly blue clay----- | 5 | 50 |
| | Shale----- | 50 | 100 |

149-58-19DAA
(Log from C. A. Simpson & Son)

Elevation: 1468 ft

| | | | |
|--|------------------------------|----|-----|
| | Topsoil----- | 1 | 1 |
| | Yellow clay----- | 17 | 18 |
| | Gravelly hard blue clay----- | 10 | 28 |
| | Shale----- | 92 | 120 |

149-58-25DDD
 Test hole 5
 (Log from Dennis, 1947)

Elevation: 1455 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Soil, black, gravelly----- | 4 | 4 |
| | Till, weathered; yellow clay with gravel----- | 11 | 15 |
| | Till, unweathered; gray clay with gravel----- | 19 | 34 |
| | Shale----- | 11 | 45 |

149-58-28DCB
 (Log from Ringdahl Drilling)

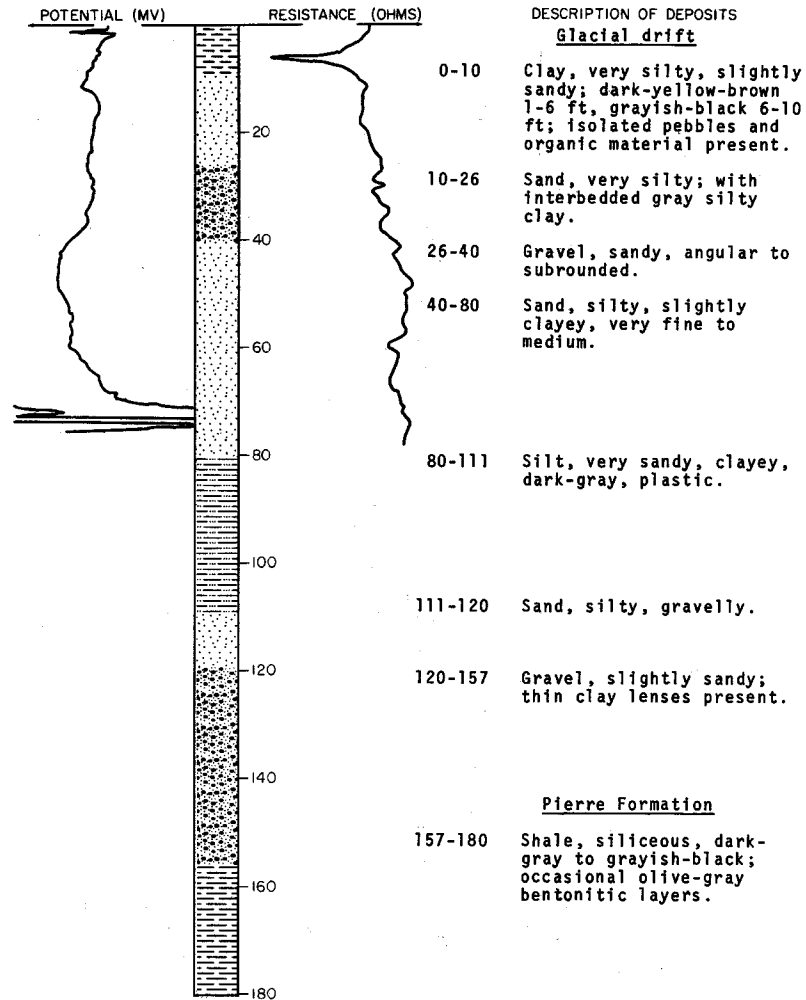
Elevation: 1500 ft

| | | | |
|--|------------------|----|----|
| | Yellow clay----- | 30 | 30 |
| | Blue clay----- | 32 | 62 |
| | Sand----- | 6 | 68 |

LOCATION: 149-58-30CDD
 ELEVATION: 1320
 (FT, MSL)

NDSWC 5343

DATE DRILLED: July 1969
 DEPTH: 180
 (FT)



149-58-32AAC
 (Log from U.S. Air Force)

Elevation: 1450 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------------|------------------|--------------|
| | Sand, clayey----- | 2 | 2 |
| | Silt, clayey, sandy----- | 7 | 9 |
| | Silt, clayey----- | 5 | 14 |
| | Shale----- | 116 | 130 |

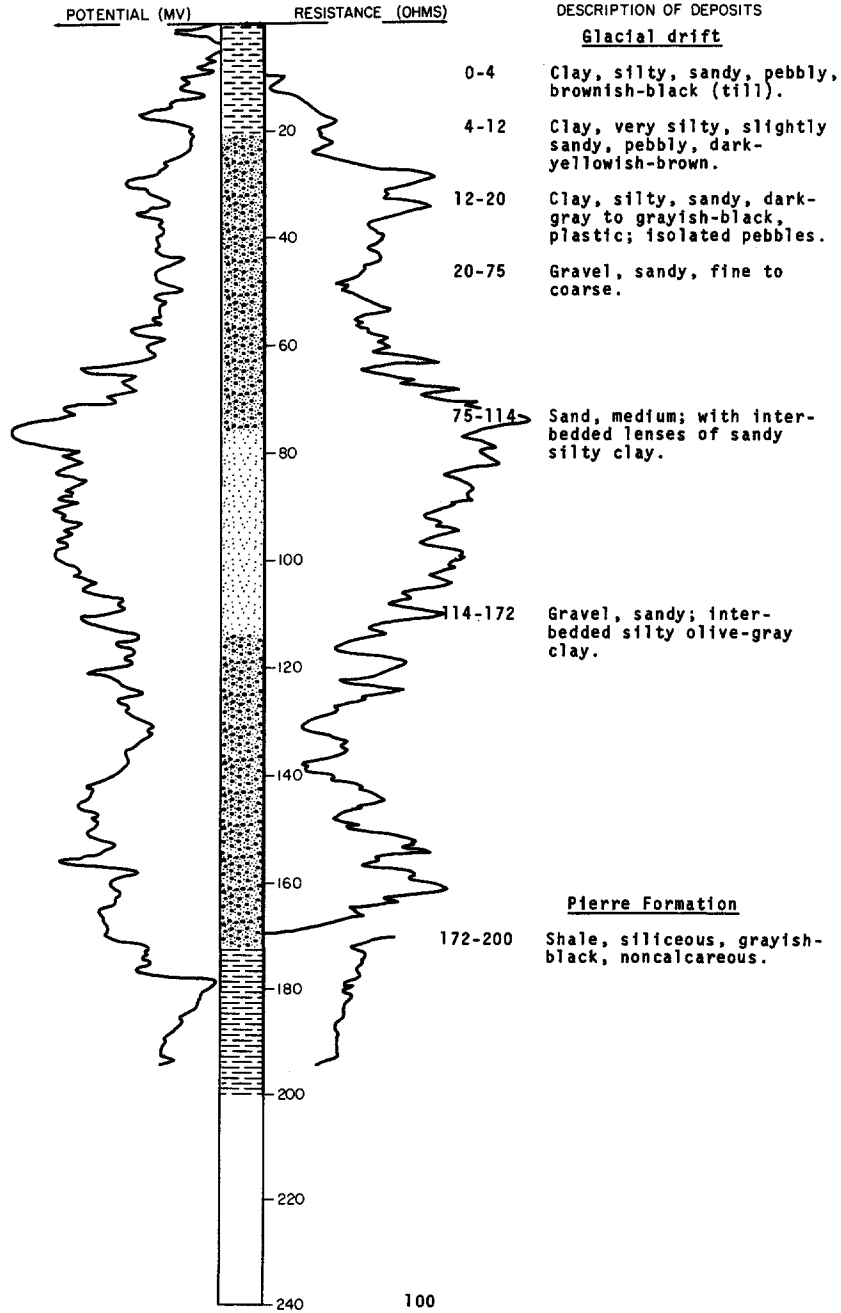
LOCATION: 149-58-32CCD

NDSWC 5344

DATE DRILLED: July 1969

ELEVATION: 1330
(FT, MSL)

DEPTH: 200
(FT)



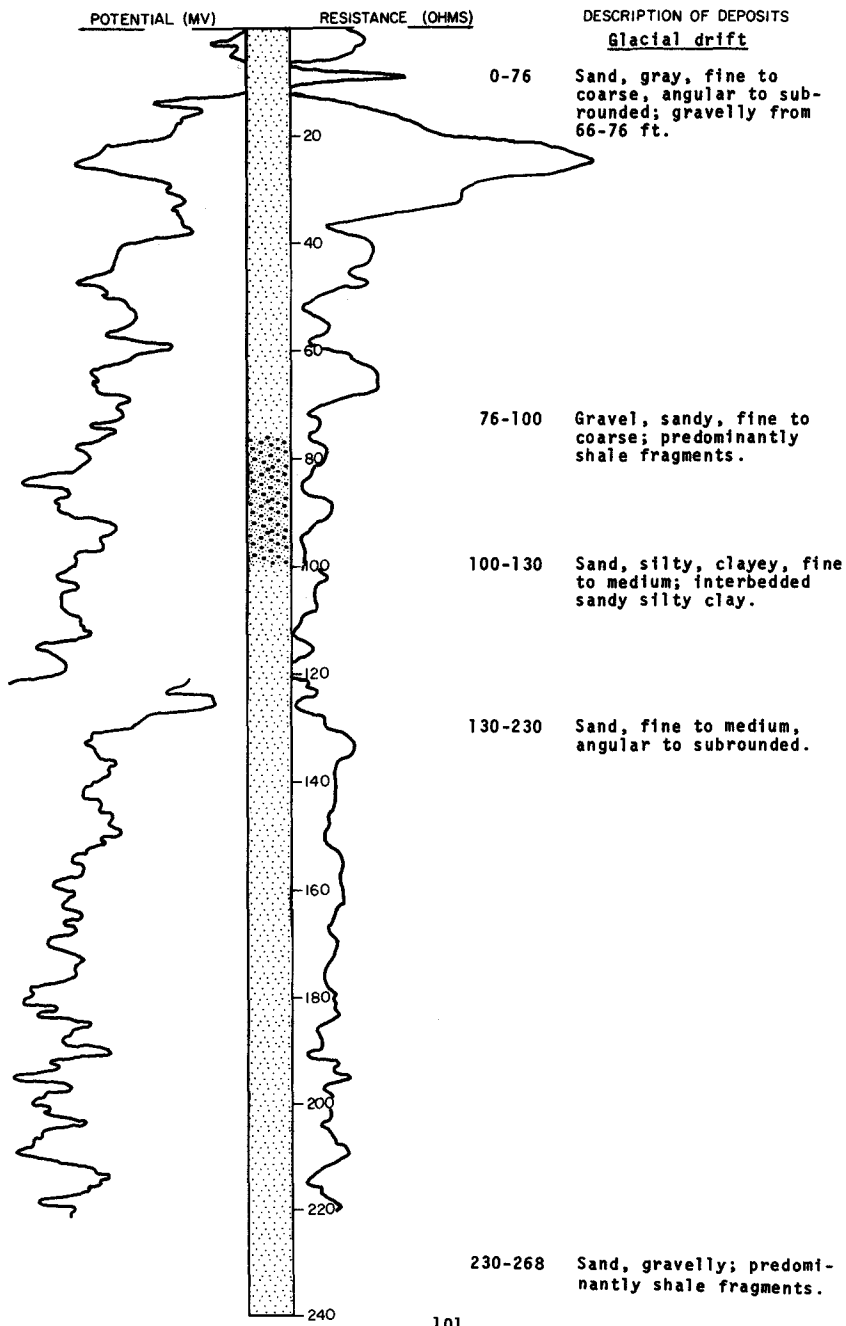
LOCATION: 149-59-2BBB

NDSWC 2982

DATE DRILLED: June 1968

ELEVATION: 1455
(FT, MSL)

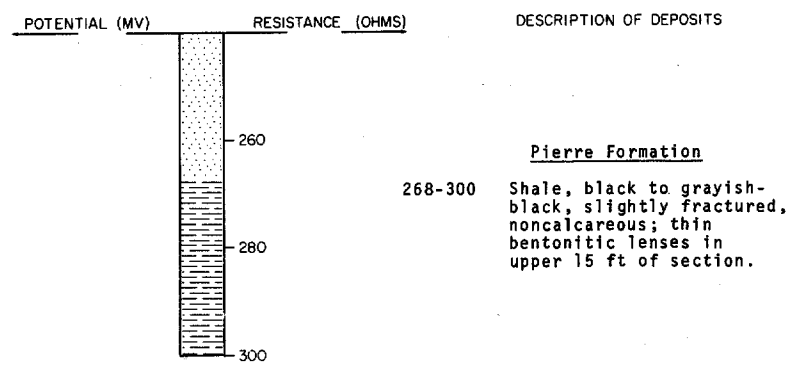
DEPTH: 300
(FT)



LOCATION: 149-59-2888
ELEVATION: 1455
(FT, MSL)

NDSWC 2982, Continued

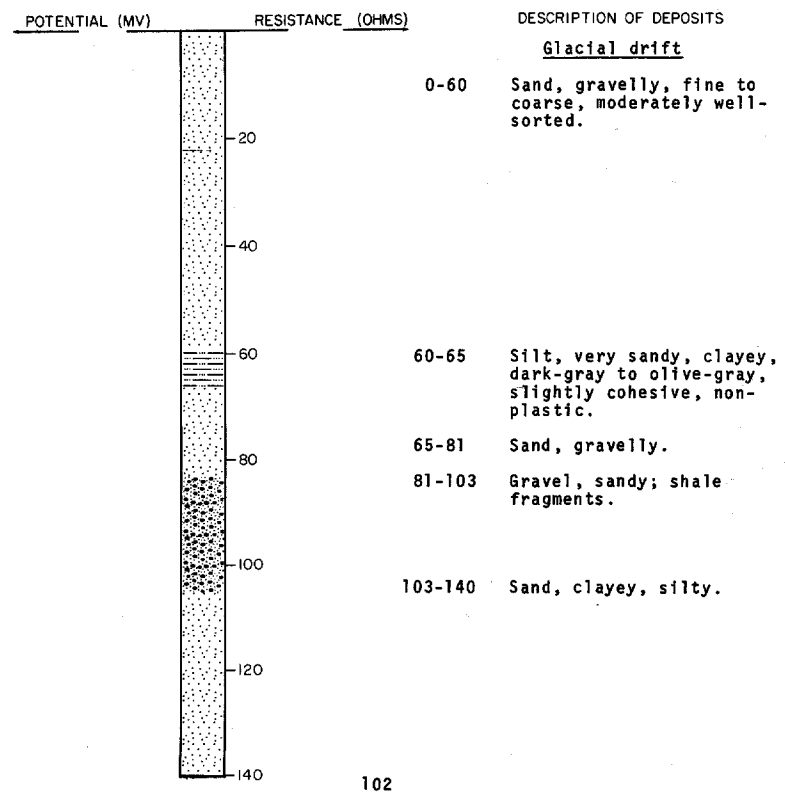
DATE DRILLED: June 1968
DEPTH: 300
(FT)



LOCATION: 149-59-28DA
ELEVATION: 1450
(FT, MSL)

NDSWC 5454

DATE DRILLED: September 1969
DEPTH: 140
(FT)



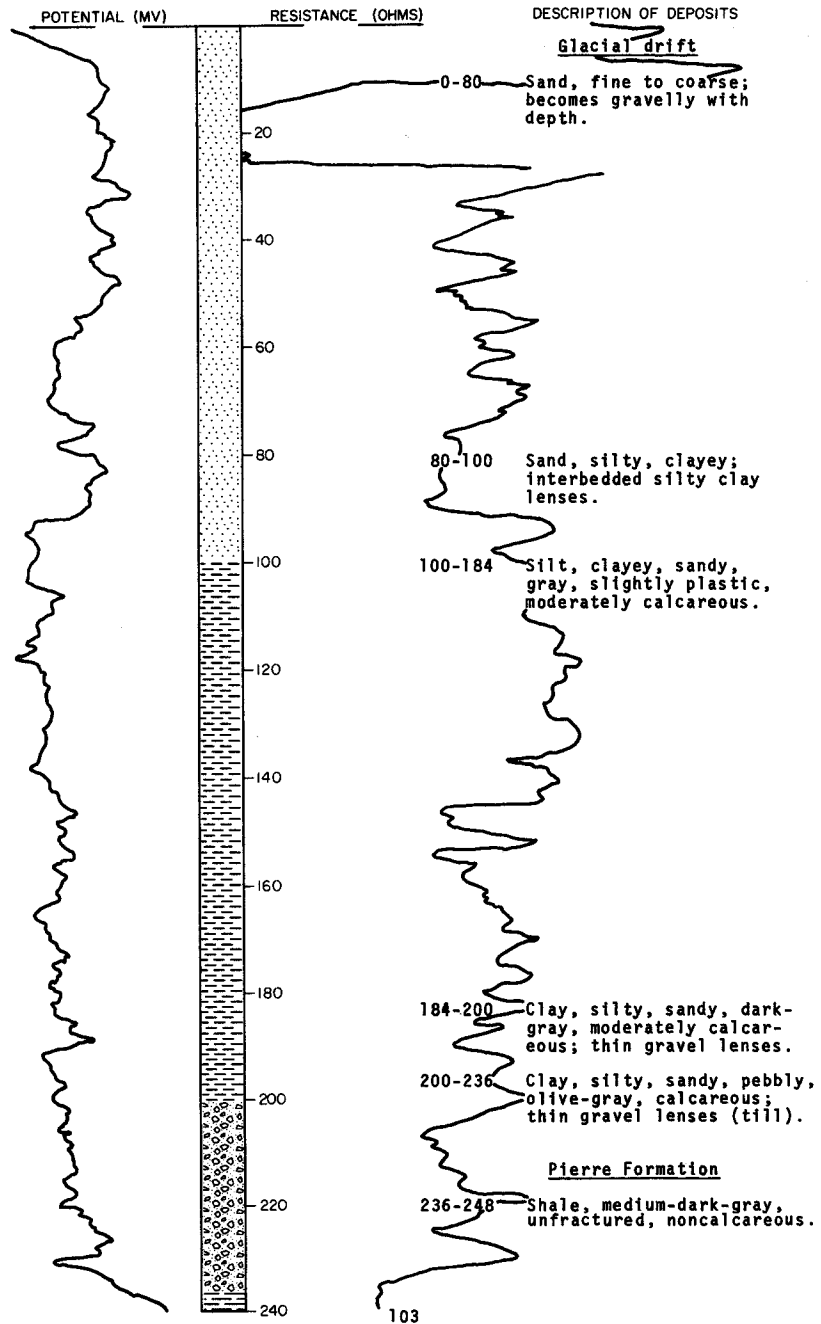
LOCATION: 149-59-28DD1

NDSWC 5446

DATE DRILLED: September 1969

ELEVATION: 1416
(FT, MSL)

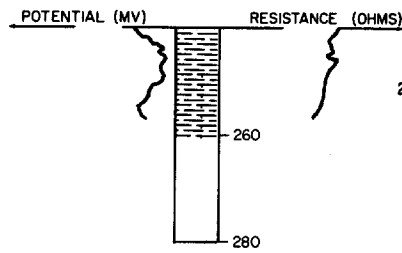
DEPTH: 260
(FT)



LOCATION: 149-59-28DD1
ELEVATION: 1416
(FT, MSL)

NDSWC 5446, Continued

DATE DRILLED: September 1969
DEPTH: 260
(FT)



DESCRIPTION OF DEPOSITS

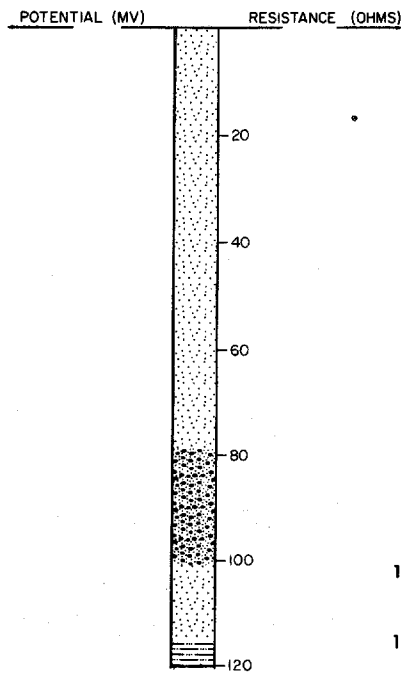
Niobrara Formation

248-260 Shale, medium-dark-gray, moderately calcareous; isolated small white specks.

LOCATION: 149-59-28DD2
ELEVATION: 1450
(FT, MSL)

NDSWC 5453

DATE DRILLED: September 1969
DEPTH: 120
(FT)



DESCRIPTION OF DEPOSITS

Glacial drift

0-80 Sand, gravelly; isolated silty clay lenses.

80-102 Gravel, sandy, medium to coarse.

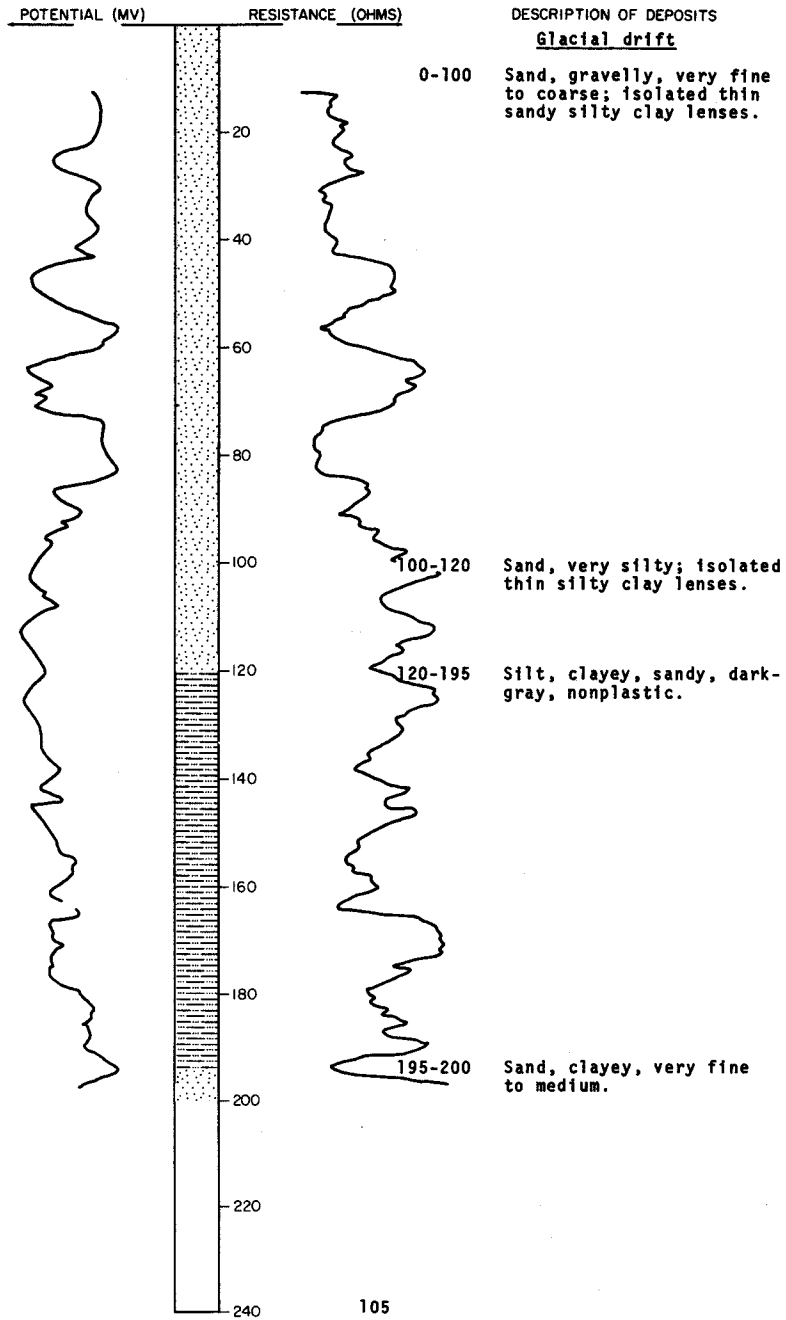
102-115 Sand, clayey, silty.

115-120 Silt, clayey, sandy, dark-gray, nonplastic, slightly cohesive.

LOCATION: 149-59-2CAA
ELEVATION: 1413
(FT, MSL)

NDSWC 5450

DATE DRILLED: September 1969
DEPTH: 200
(FT)



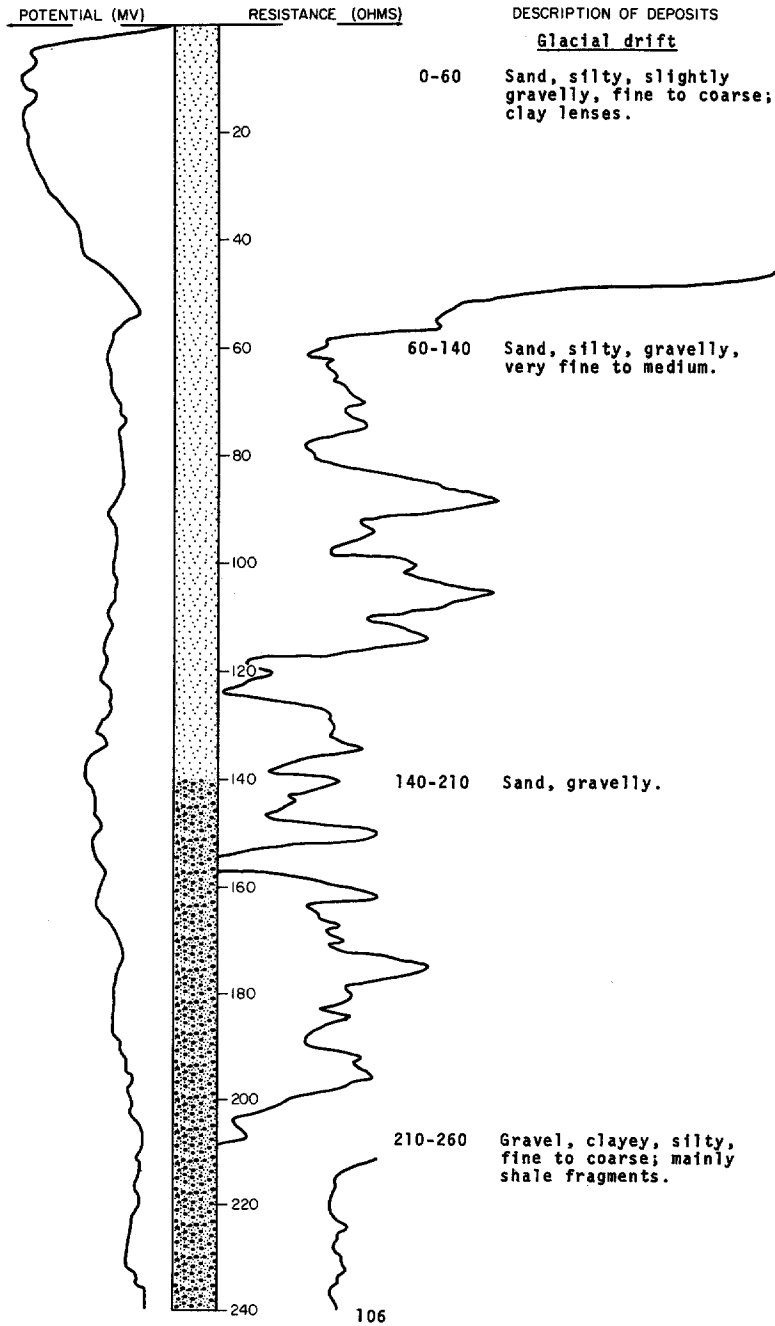
LOCATION: 149-59-2CAB

NDSWC 5443

DATE DRILLED: September 1969

ELEVATION: 1450
(FT, MSL)

DEPTH: 280
(FT)



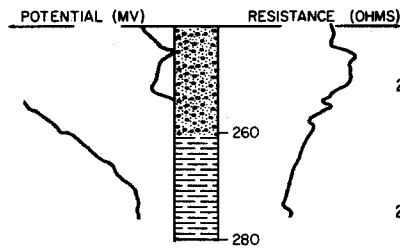
LOCATION: 149-59-2CAB

NDSWC 5443, Continued

DATE DRILLED: September 1969

ELEVATION: 1450
(FT, MSL)

DEPTH: 280
(FT)



DESCRIPTION OF DEPOSITS

Pierre Formation

260-275 Shale, clayey, grayish-black to gray, noncalcareous.

Niobrara Formation (?)

275-280 Shale, gray, slightly calcareous; occasional white specks.

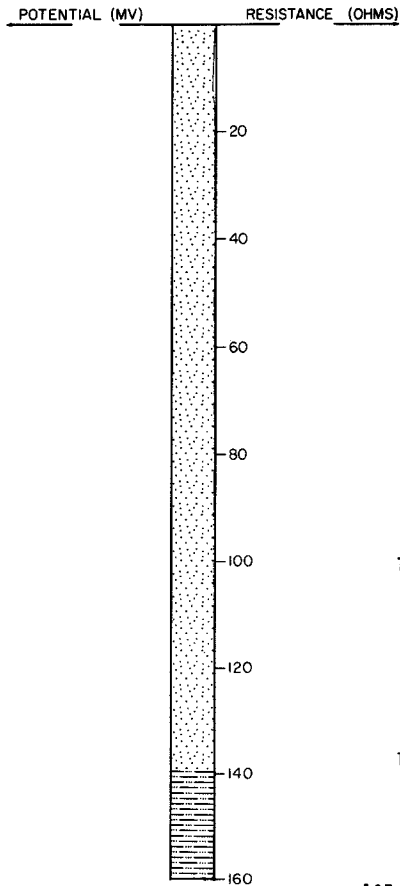
LOCATION: 149-59-2CAD

NDSWC 5452

DATE DRILLED: September 1969

ELEVATION: 1430
(FT, MSL)

DEPTH: 160
(FT)



DESCRIPTION OF DEPOSITS

Glacial drift

0-100 Sand, slightly gravelly, fine to coarse; isolated thin clay lenses lower 20 ft.

100-139 Sand, silty, clayey, fine.

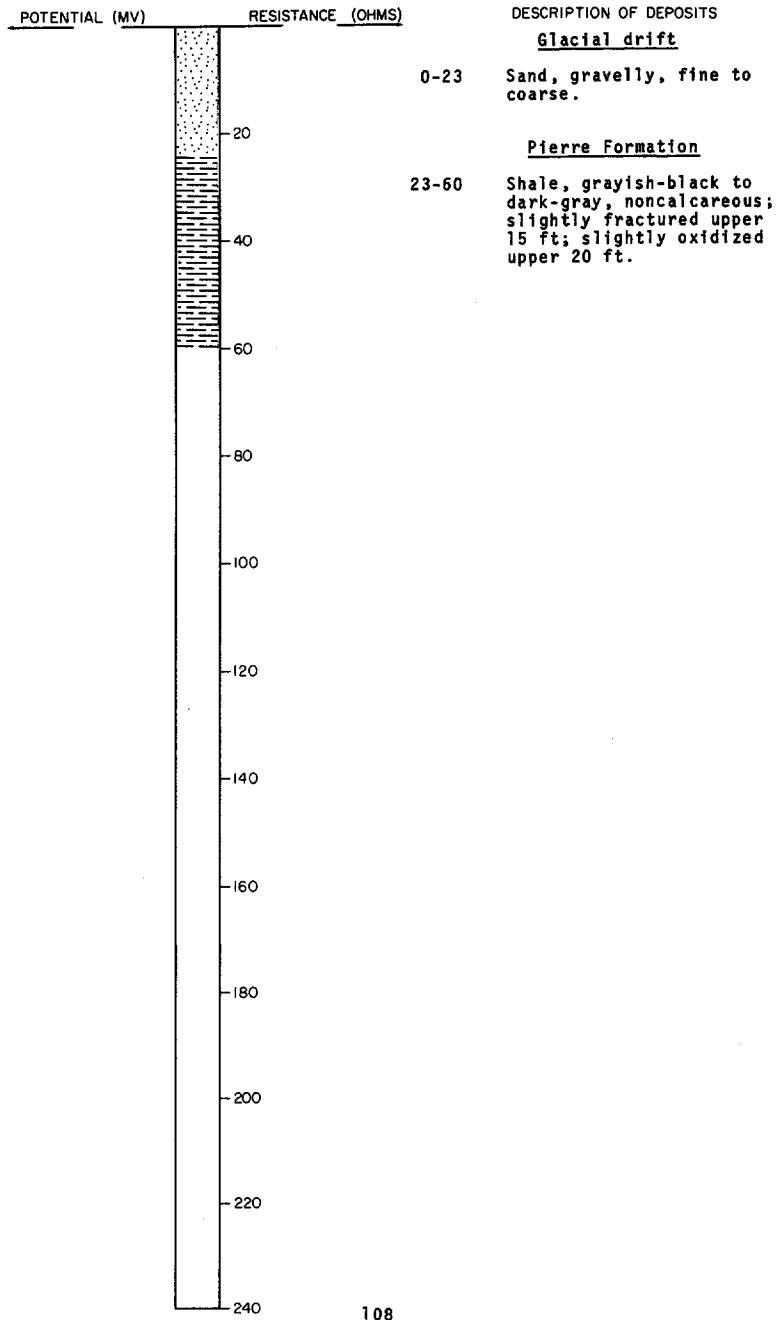
139-160 Silt, sandy, clayey, dark-gray, slightly plastic, slightly cohesive.

LOCATION: 149-59-2CBA1
ELEVATION: 1460
(FT, MSL)

NDSWC 5444

DATE DRILLED: September 1969

DEPTH: 60
(FT)



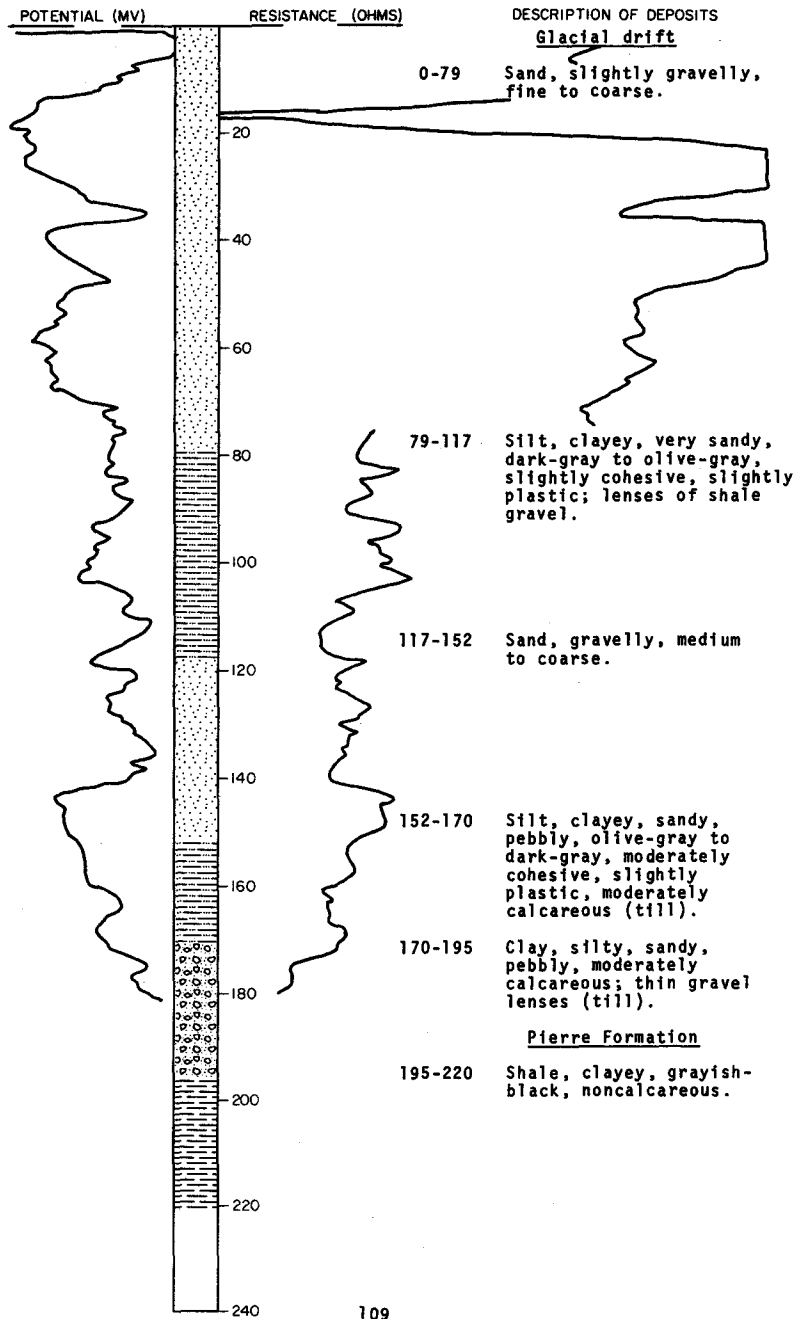
LOCATION: 149-59-2CBA2

NDSWC 5447

DATE DRILLED: September 1969

ELEVATION: 1455
(FT, MSL)

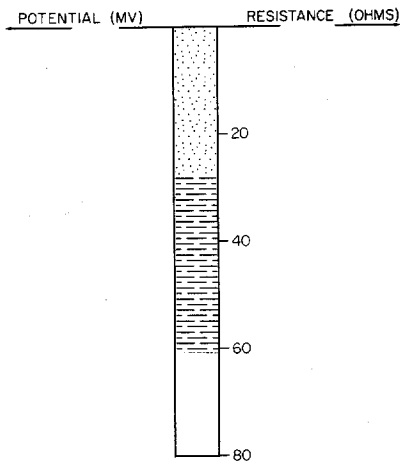
DEPTH: 220
(FT)



LOCATION: 149-59-2CBB
ELEVATION: 1459
(FT, MSL)

NDSWC 5442

DATE DRILLED: September 1969
DEPTH: 60
(FT)



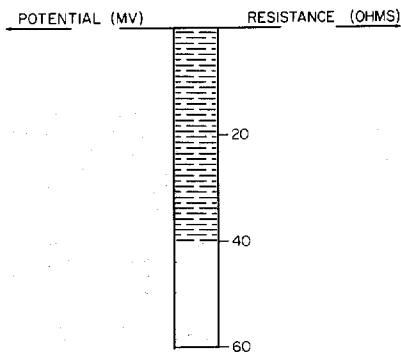
DESCRIPTION OF DEPOSITS

- Glacial drift
0-28 Sand, very fine to medium, oxidized.
- Pierre Formation
28-60 Shale, clayey, yellow-brown, noncalcareous; upper 10 ft grayish-black; slightly fractured upper 10 ft.

LOCATION: 149-59-2DAA
ELEVATION: 1445
(FT, MSL)

NDSWC 5449

DATE DRILLED: September 1969
DEPTH: 40
(FT)



DESCRIPTION OF DEPOSITS

- Glacial drift
0-1 Sand, silty, clayey, brown (topsoil).
- Pierre Formation
1-40 Shale, clayey, dark-gray, slightly fractured, non-calcareous; yellow-brown upper 8 ft.

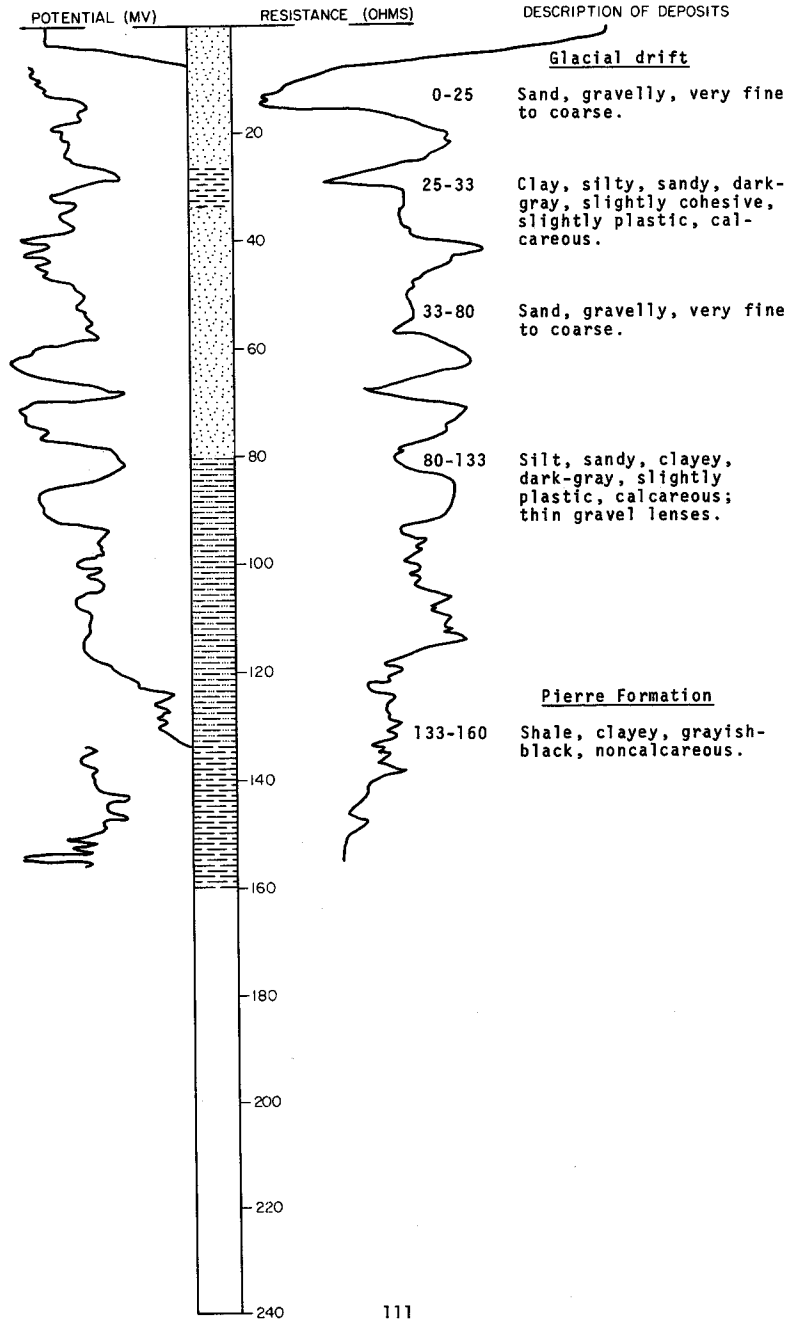
LOCATION: 149-59-2DAB

NDSWC 5448

DATE DRILLED: September 1969

ELEVATION: 1410
(FT, MSL)

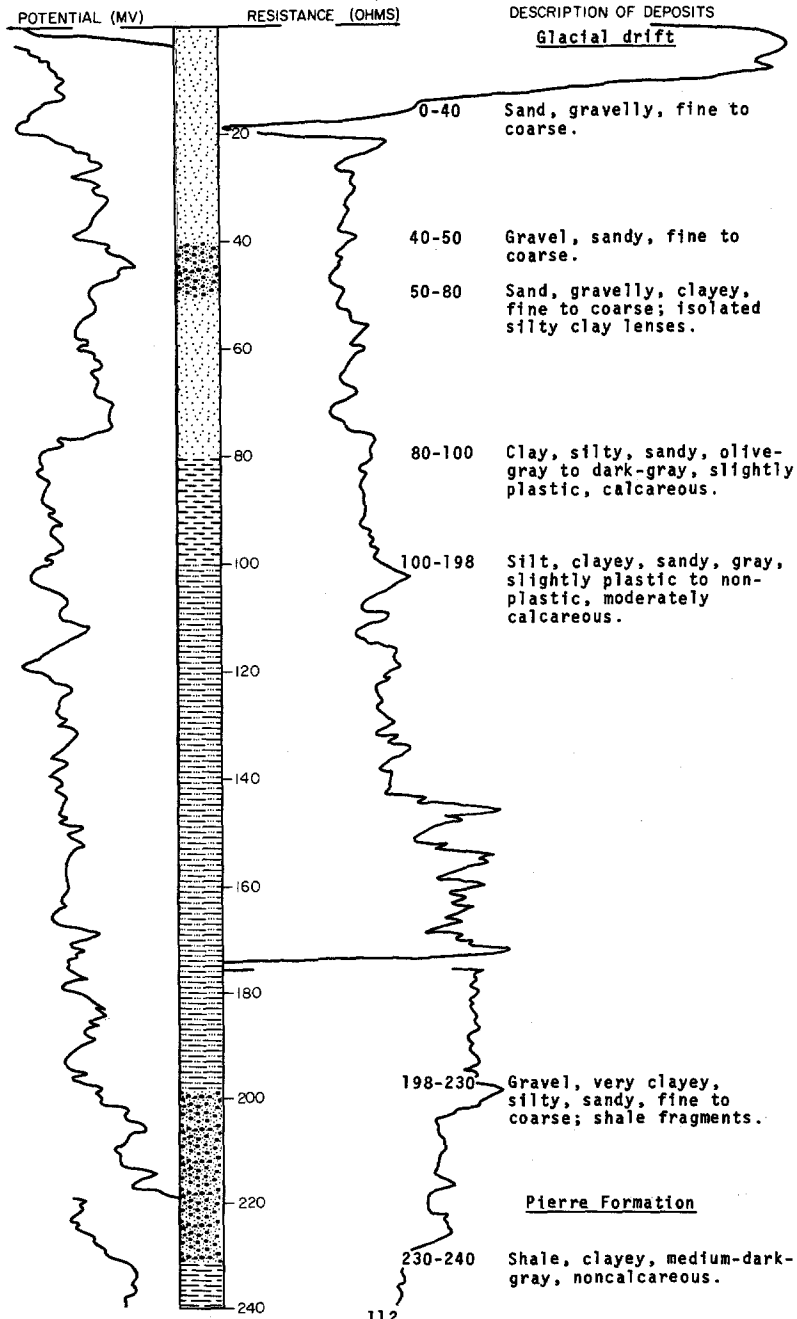
DEPTH: 160
(FT)



LOCATION: 149-59-2DBB1
ELEVATION: 1416
(FT, MSL)

NDSWC 5445

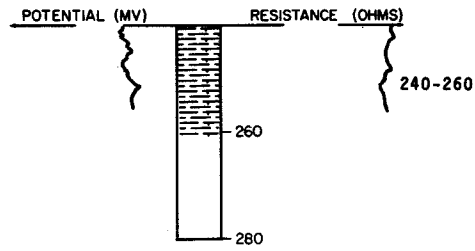
DATE DRILLED: September 1969
DEPTH: 260
(FT)



LOCATION: 149-59-2DBB1
ELEVATION: 1416
(FT, MSL)

NDSWC 5445, Continued

DATE DRILLED: September 1969
DEPTH: 260
(FT)



DESCRIPTION OF DEPOSITS

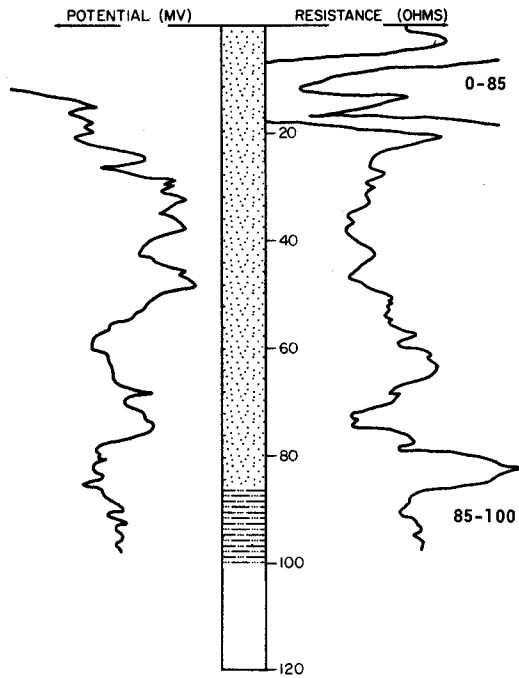
Niobrara Formation

Shale, clayey, medium-gray, moderately calcareous; white specks.

LOCATION: 149-59-2DBB2
ELEVATION: 1410
(FT, MSL)

NDSWC 5451

DATE DRILLED: September 1969
DEPTH: 100
(FT)



DESCRIPTION OF DEPOSITS

Glacial drift

Sand, slightly gravelly, fine to coarse; isolated thin silty clay lenses lower 20 ft.

85-100 Silt, clayey, sandy, olive-gray to dark-gray, slightly cohesive, nonplastic.

149-59-2DBB3
NDSWC McVillie test well

Elevation: 1408 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Sand, gravelly, with clay----- | 48 | 48 |
| | Sand, gravelly, fine to very coarse; fine material is predominantly quartz with abundant carbonates in the intermediate sizes and the gravel being predominantly shale. Occasional lignite fragments and numerous clay balls associated with the shale gravel----- | 8 | 56 |
| | Sand, very fine to medium; with coarser material to pebble size. Quartz, carbonates, and shale sized as above. Very little clay in this section----- | 4 | 60 |
| | Sand, fine to very fine; occasional shale fragments. Subangular to rounded----- | 15 | 75 |
| | Sand, fine to coarse; interbedded silt, clay, and occasionally very coarse sand and gravel----- | 25 | 100 |

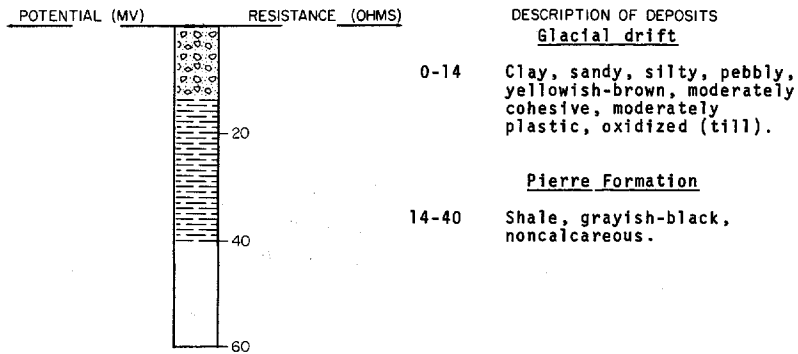
LOCATION: 149-59-5AAA

NDSWC 5331

DATE DRILLED: June 1969

ELEVATION: 1473
(FT, MSL)

DEPTH: 40
(FT)



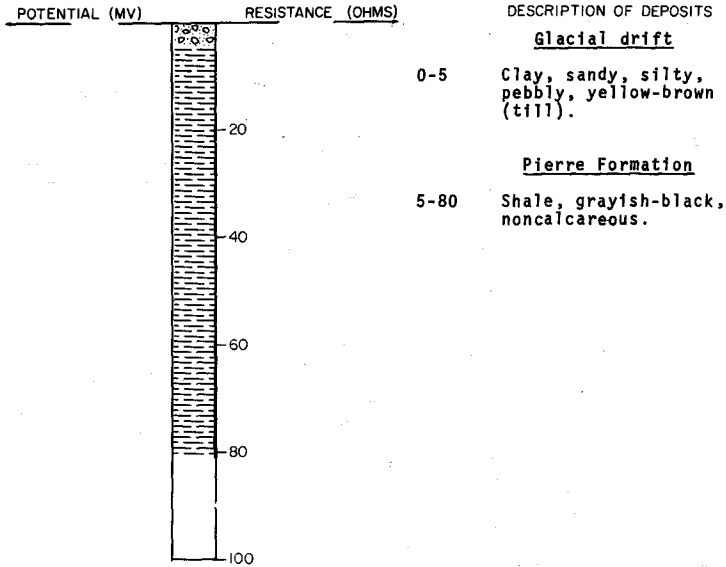
LOCATION: 149-59-10AAD

NDSWC 5332

DATE DRILLED: June 1969

ELEVATION: 1450
(FT, MSL)

DEPTH: 80
(FT)



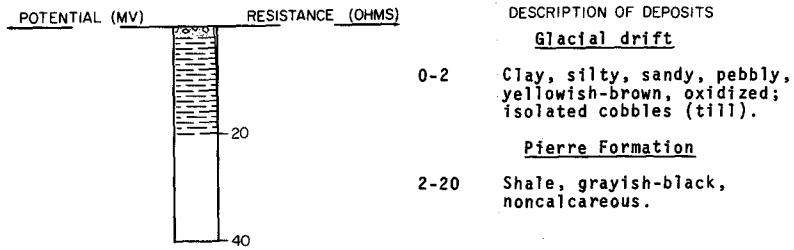
LOCATION: 149-59-12BBB

NDSWC 5333

DATE DRILLED: June 1969

ELEVATION: 1448
(FT, MSL)

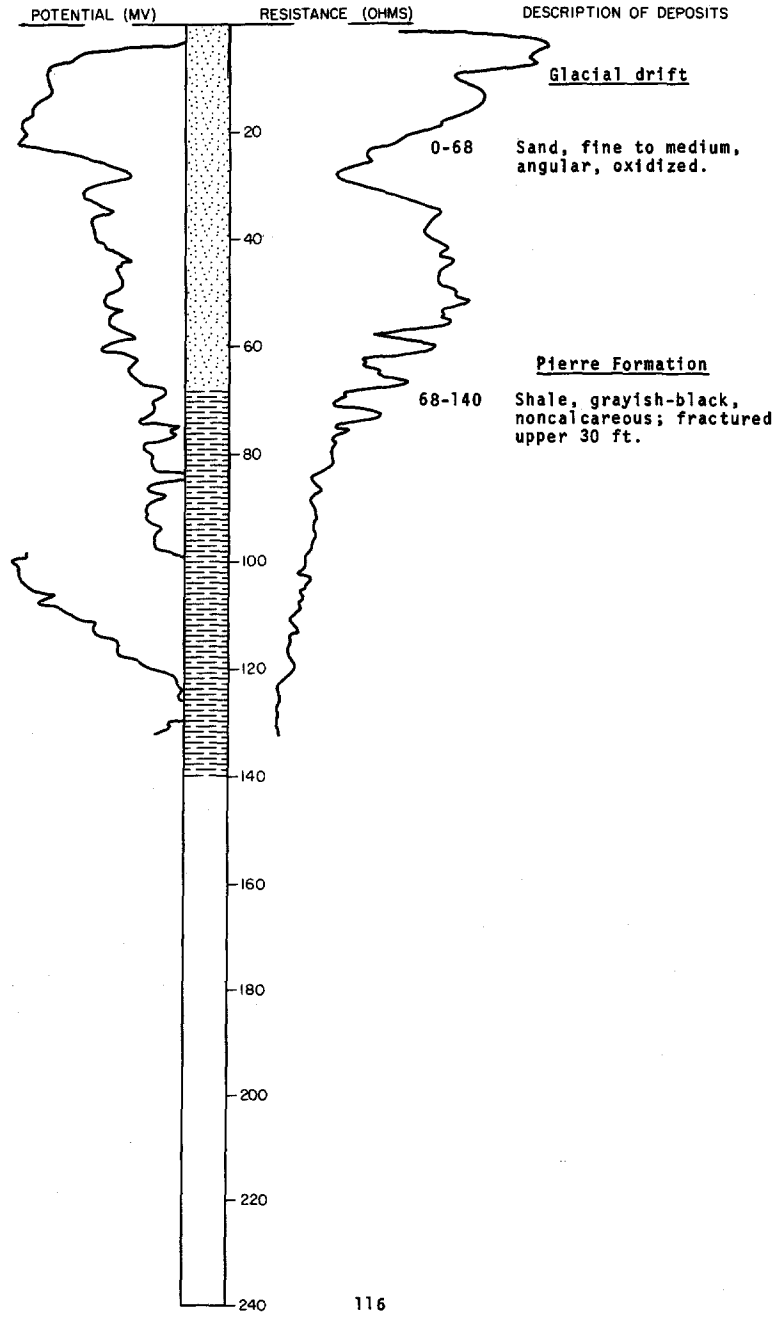
DEPTH: 20
(FT)



LOCATION: 149-59-12CCC
ELEVATION: 1384
(FT, MSL)

NDSWC 5334

DATE DRILLED: June 1969
DEPTH: 140
(FT)



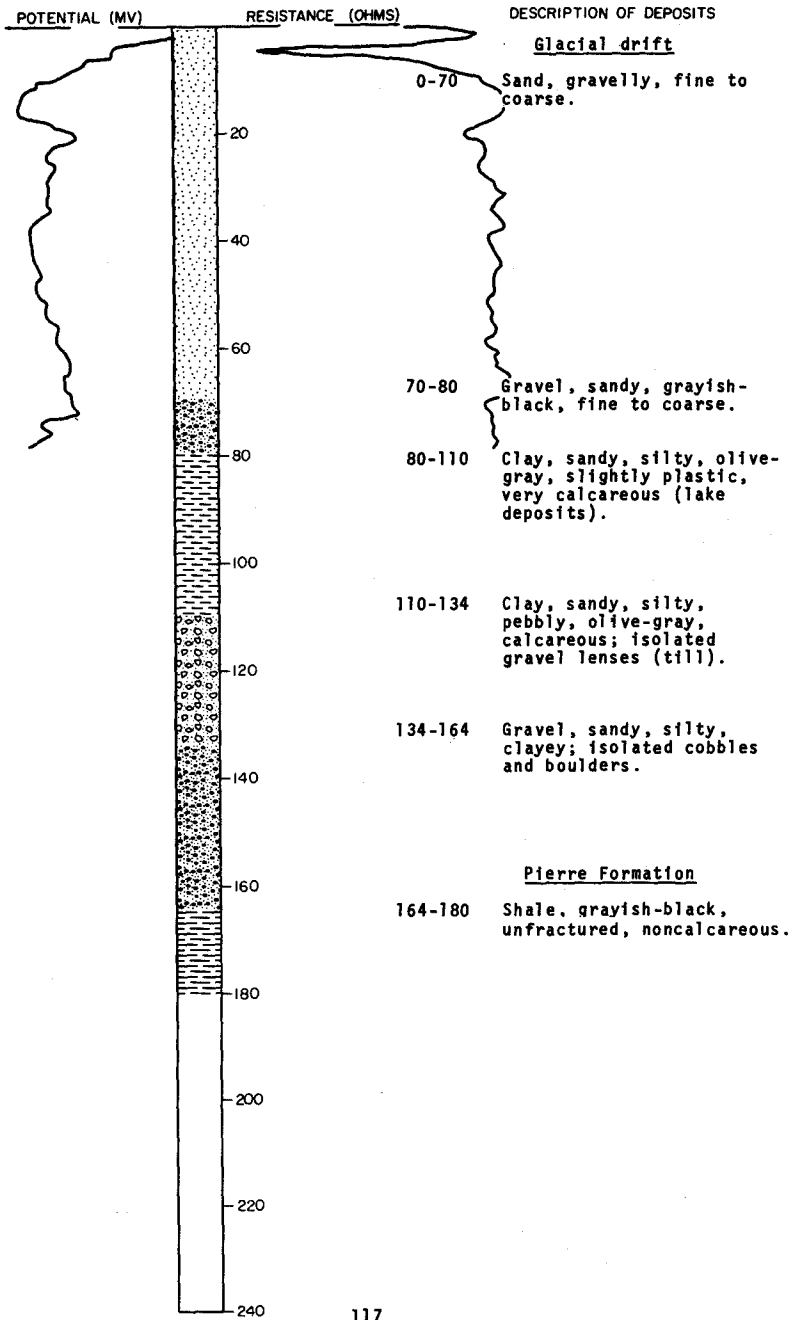
NDSWC 5335

LOCATION: 149-59-14DAD

DATE DRILLED: June 1969

ELEVATION: 1345
(FT, MSL)

DEPTH: 180
(FT)



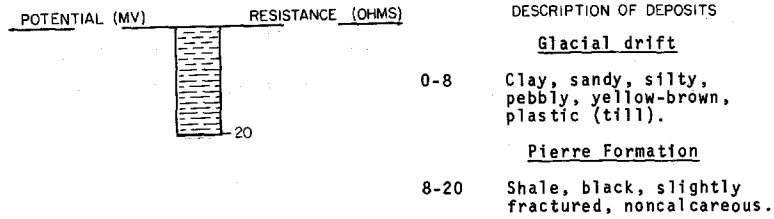
NDSWC 2983

LOCATION: 149-59-15AAA

DATE DRILLED: June 1968

ELEVATION: 1430
(FT, MSL)

DEPTH: 20
(FT)



149-59-15BD
(Log from Jack M. Johnston Drilling Company)

Elevation: 1345 ft

| <u>Geologic source</u> | <u>Thickness (feet)</u> | <u>Depth to formation top (feet)</u> |
|-------------------------------|-------------------------|--------------------------------------|
| Greenhorn Formation----- | 89 | 660 |
| Belle Fourche Formation----- | 181 | 749 |
| Mowry Formation----- | 39 | 930 |
| Newcastle Formation----- | 81 | 969 |
| Skull Creek Formation----- | 64 | 1050 |
| Dakota Group----- | 276 | 1114 |
| Stony Mountain Formation----- | 92 | 1390 |
| Red River Formation----- | 135 | 1482 |

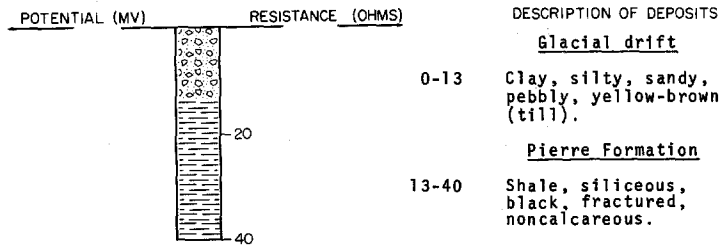
NDSWC 2986

LOCATION: 149-59-18AAA

DATE DRILLED: June 1968

ELEVATION: 1454
(FT, MSL)

DEPTH: 40
(FT)



149-59-21CAD
(Log from U.S. Air Force)

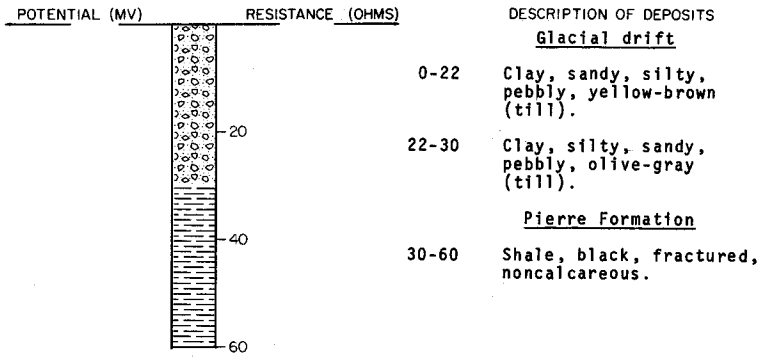
Elevation: 1470 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------------|-------------------------|---------------------|
| | Sand, silty----- | 9 | 9 |
| | Shale fragments in silt matrix----- | 9 | 18 |
| | Shale----- | 112 | 130 |

LOCATION: 149-59-35888
 ELEVATION: 1478
 (FT, MSL)

NDSWC 2984

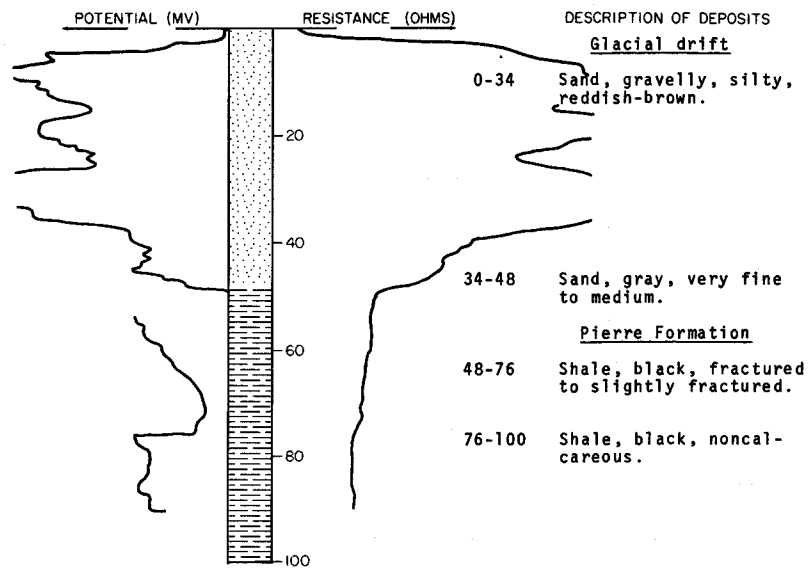
DATE DRILLED: June 1968
 DEPTH: 60
 (FT)



LOCATION: 149-60-2AAA
 ELEVATION: 1457
 (FT, MSL)

NDSWC 2987

DATE DRILLED: June 1968
 DEPTH: 100
 (FT)



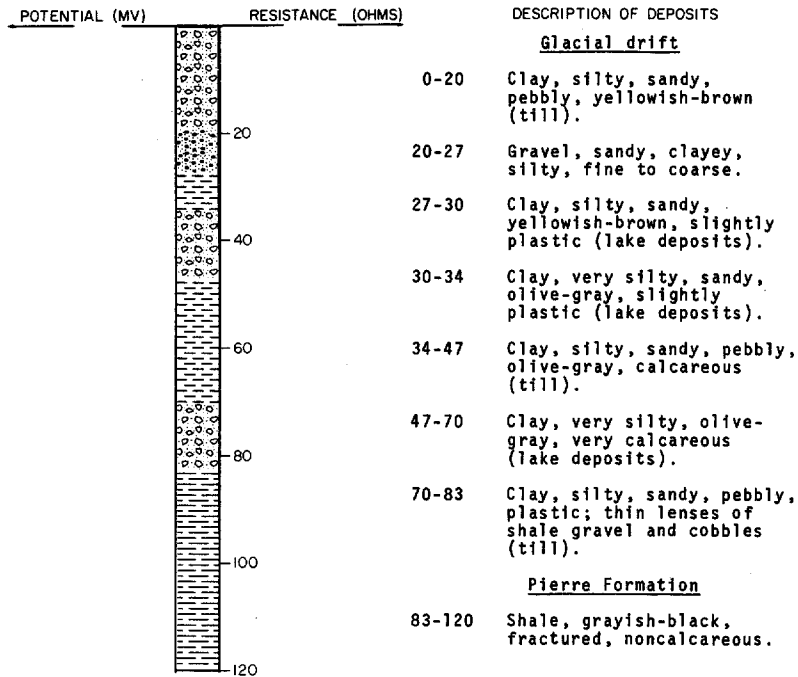
LOCATION: 149-60-6DDD

NDSWC 5324

DATE DRILLED: June 1969

ELEVATION: 1479
(FT, MSL)

DEPTH: 120
(FT)



149-60-9DBB
(Log from C. A. Simpson & Son)

Elevation: 1475 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|------------------------|------------------|--------------|
| | Topsoil----- | 1 | 1 |
| | Sandy yellow clay----- | 22 | 23 |
| | Sandy blue clay----- | 11 | 34 |
| | Shale----- | 76 | 110 |

149-60-15ABC
(Log from U.S. Air Force)

Elevation: 1490 ft

| | | | |
|--|--|-----|-----|
| | Clay, silty----- | 3 | 3 |
| | Clay, silty, sandy----- | 10 | 13 |
| | Clay, silty; with shale fragments----- | 7 | 20 |
| | Shale----- | 110 | 130 |

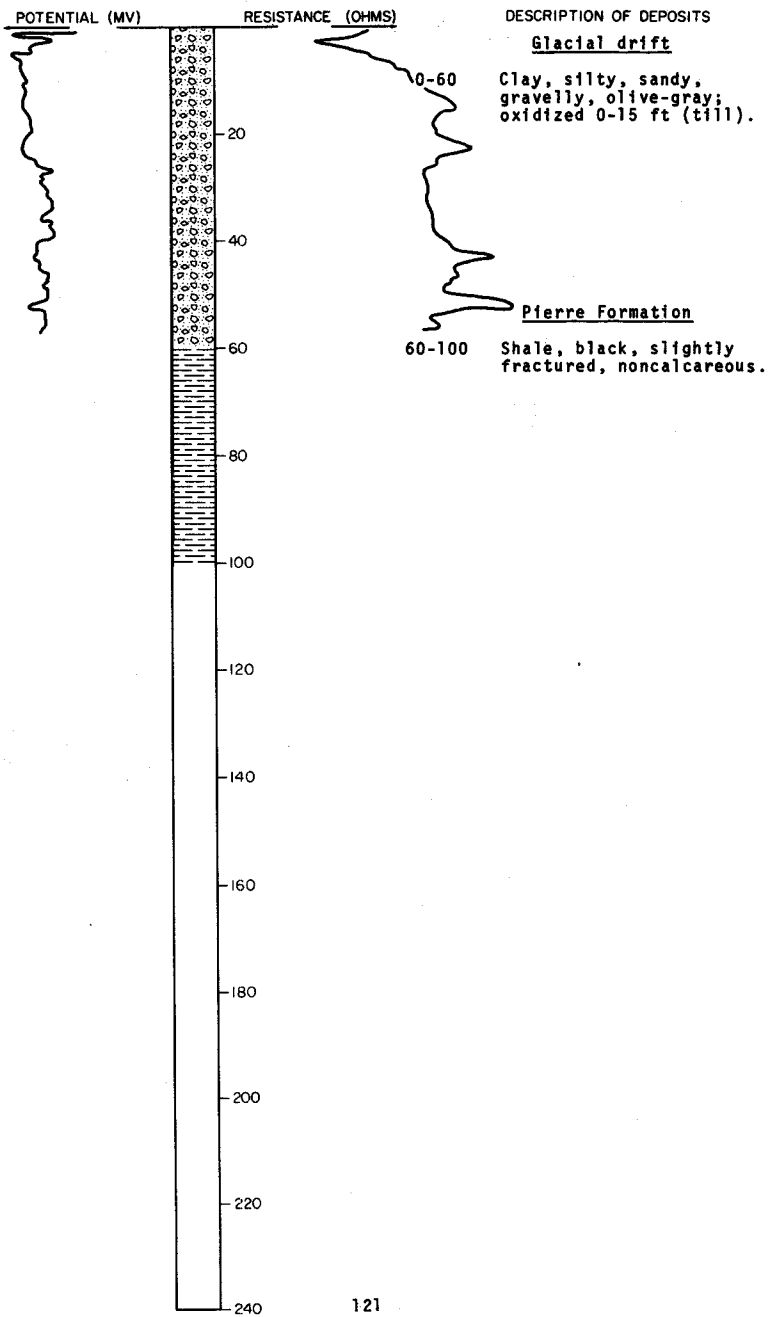
LOCATION: 149-60-17AAA

NDSWC 2970

DATE DRILLED: June 1968

ELEVATION: 1469
(FT, MSL)

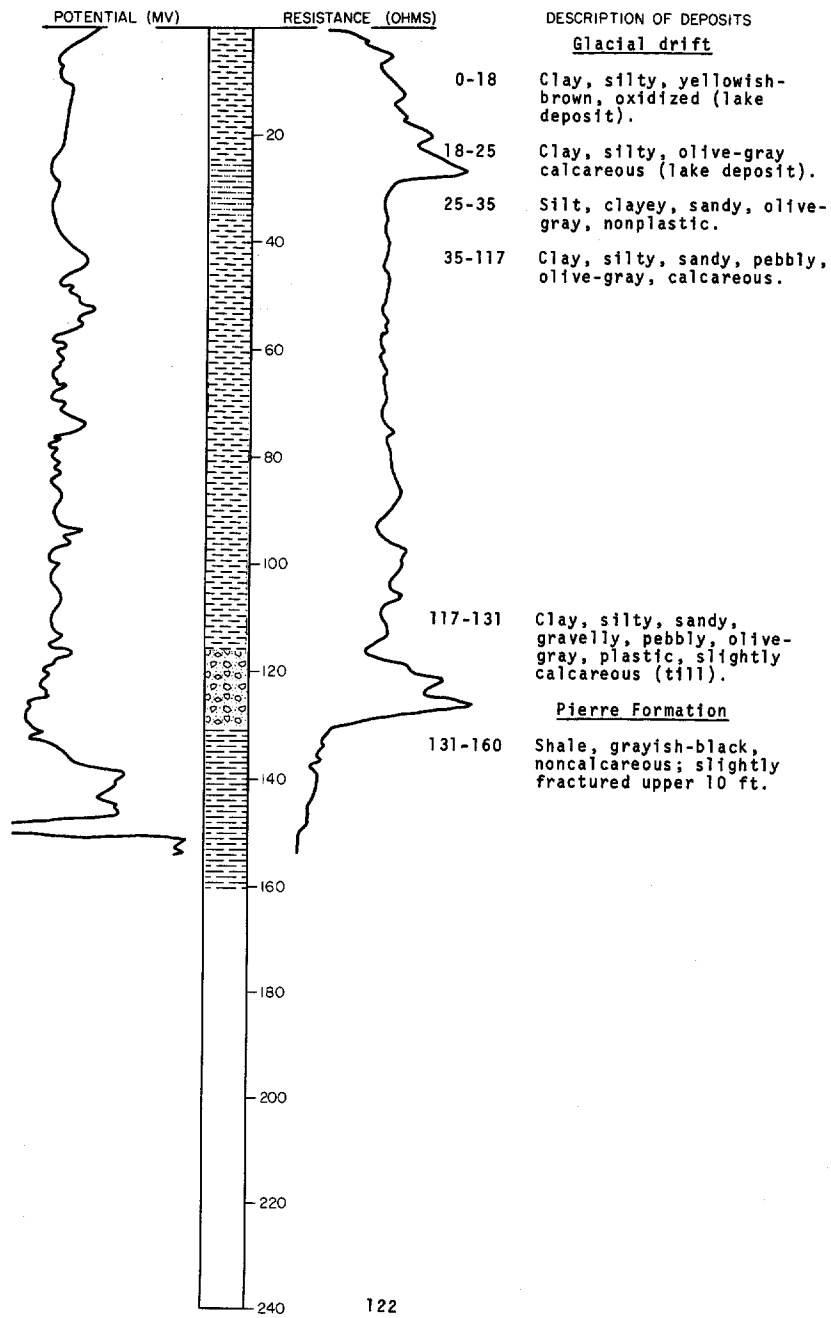
DEPTH: 100
(FT)



LOCATION: 149-60-17888
ELEVATION: 1450
(FT, MSL)

NDSWC 5325

DATE DRILLED: June 1969
DEPTH: 160
(FT)



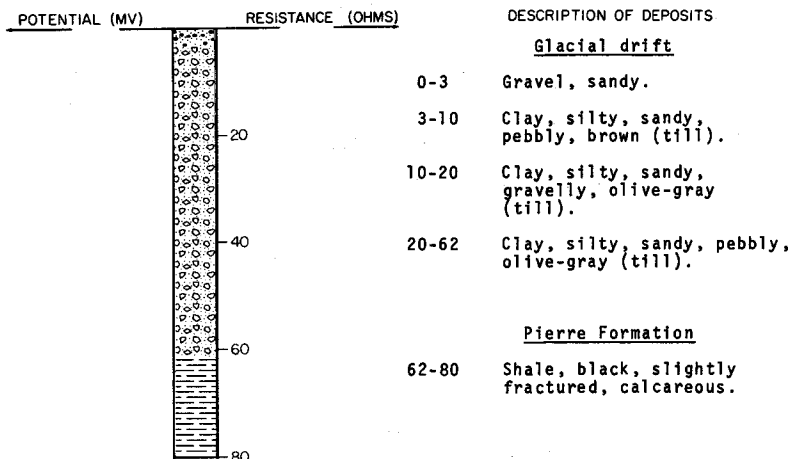
NDSWC 2969

LOCATION: 149-60-18BBB

DATE DRILLED: June 1968

ELEVATION: 1463
(FT, MSL)

DEPTH: 80
(FT)



149-60-18BBC
NDGS N38

Elevation: 1460 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------|------------------|--------------|
| | Clay, organic----- | 2 | 2 |
| | Sand, fine----- | 6 | 8 |

149-60-19CCC2
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | |
|------------------------|-----|-----|
| Topsoil----- | 1 | 1 |
| Sandy yellow clay----- | 15 | 16 |
| Sandy blue clay----- | 21 | 37 |
| Shale----- | 178 | 215 |

149-60-20BAB
NDGS N34

Elevation: 1460 ft

| | | |
|------------------------------|---|----|
| Clay, silty, organic----- | 1 | 1 |
| Clay, silty----- | 1 | 2 |
| Sand, fine----- | 5 | 7 |
| Silt, sandy, unoxidized----- | 8 | 15 |

149-60-20BDD
NDGS N35

Elevation: 1461 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Topsoil----- | 1 | 1 |
| | Clay, silty, sandy, yellow (till)----- | 5 | 6 |
| | Clay, sandy (till)----- | 2 | 8 |
| | Clay, sandy, gravelly (till)----- | 3 | 11 |

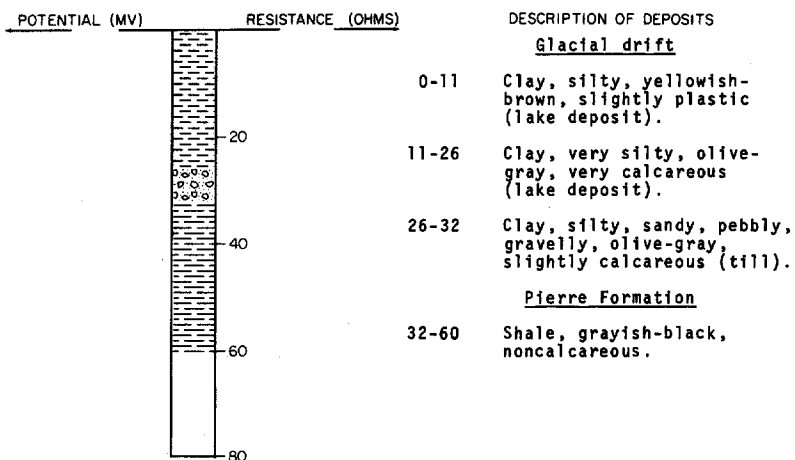
LOCATION: 149-60-20DCC

NDSWC 5327

DATE DRILLED: June 1969

ELEVATION: 1454
(FT, MSL)

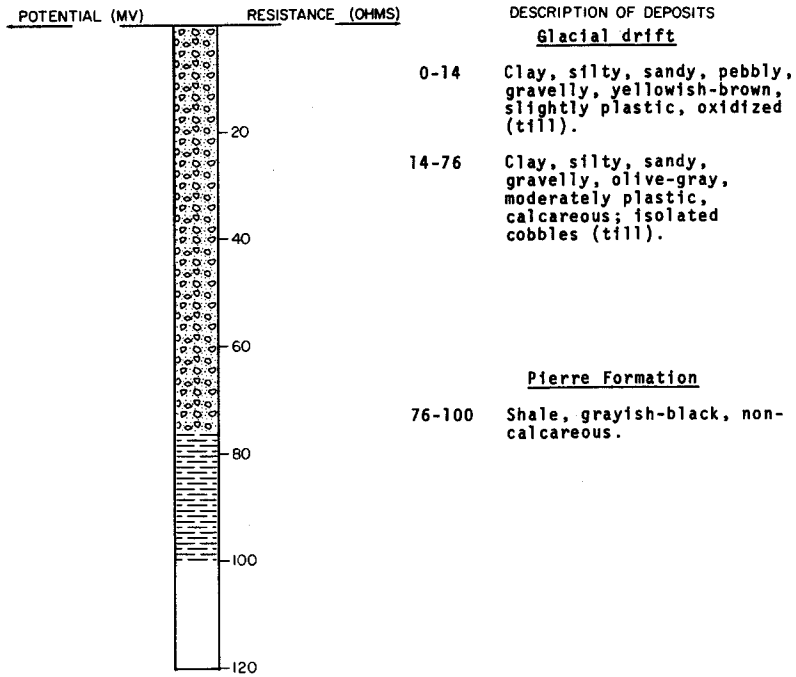
DEPTH: 60
(FT)



NDSWC 5326

LOCATION: 149-60-21ABA
 ELEVATION: 1460
 (FT, MSL)

DATE DRILLED: June 1969
 DEPTH: 100
 (FT)



149-60-22BCC
 NDGS N33

Elevation: 1470 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------------|-------------------------|---------------------|
| | Roadfill----- | 2 | 2 |
| | Topsoil----- | 2 | 4 |
| | Clay, silty, sandy, gravelly----- | 1 | 5 |
| | Sand, silty, oxidized----- | 5 | 10 |
| | Clay, sandy, silty, unoxidized----- | 5 | 15 |

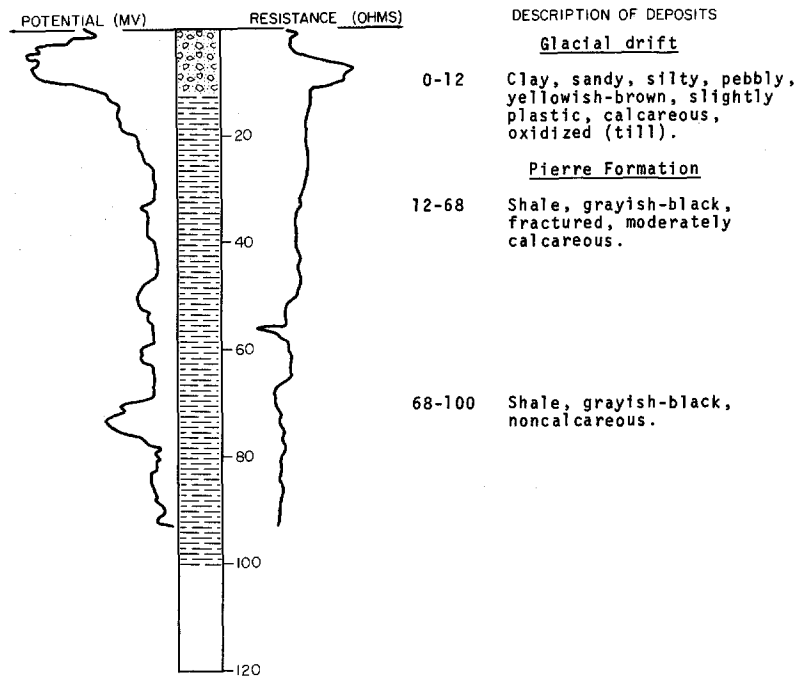
NDSWC 2985

LOCATION: 149-60-25DDD

DATE DRILLED: June 1968

ELEVATION: 1450
(FT, MSL)

DEPTH: 100
(FT)



149-60-26CDD
(Log from Ringdahl Drilling)

Elevation: 1494 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-----------------|------------------|--------------|
| | Silty clay----- | 25 | 25 |
| | Sand----- | 2 | 27 |
| | Hard clay----- | 20 | 47 |
| | Shale----- | 15 | 62 |

149-60-29CCD
NDGS N36

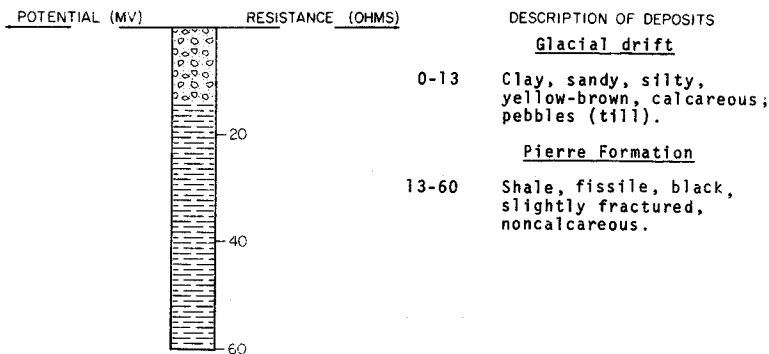
Elevation: 1500 ft

| | | | |
|--|-----------------------------------|----|----|
| | Silt, sandy, pebbles, yellow----- | 10 | 10 |
| | Clay, silty, sandy, brown----- | 5 | 15 |

LOCATION: 149-60-29DDD
 ELEVATION: 1472
 (FT, MSL)

NDSWC 2964

DATE DRILLED: June 1968
 DEPTH: 60
 (FT)



149-60-31CBB
 NDGS N37

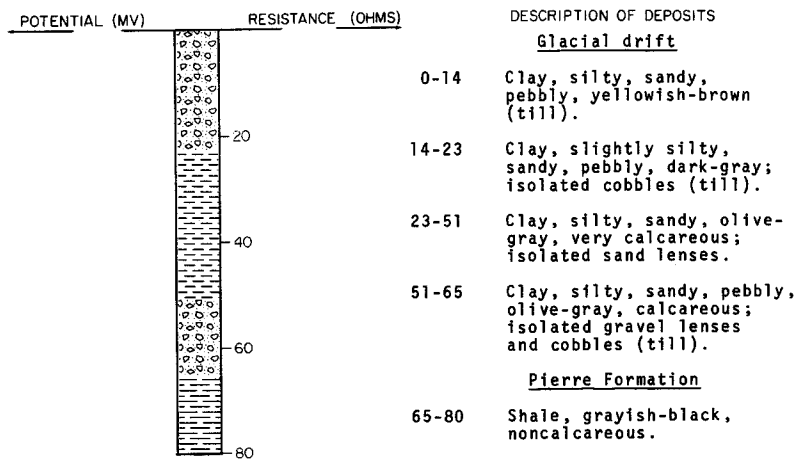
Elevation: 1550 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------------|------------------|--------------|
| | Sand, very fine----- | 9 | 9 |
| | Sand; coarse gravel----- | 10 | 19 |

LOCATION: 149-60-33AAA
 ELEVATION: 1495
 (FT, MSL)

NDSWC 5328

DATE DRILLED: June 1969
 DEPTH: 80
 (FT)



149-60-34DCC
NDGS N32

Elevation: 1460 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------------------|-------------------------|---------------------|
| | Silt, sandy, light-gray----- | 4 | 4 |
| | Sand, silty, brown----- | 4 | 8 |
| | Sand, silty, blue-gray----- | 2 | 10 |

149-60-34DCD
NDGS N31

Elevation: 1460 ft

| | | | |
|--|-------------------------------------|---|---|
| | Topsoil, sandy, silty, organic----- | 1 | 1 |
| | Silt, sandy----- | 7 | 8 |

149-61-1CCC
(Log from C. A. Simpson & Son)

Elevation: 1480 ft

| | | | |
|--|----------------------|-----|-----|
| | Topsoil----- | 1 | 1 |
| | Yellow clay----- | 11 | 12 |
| | Blue clay----- | 23 | 35 |
| | Sandy blue clay----- | 20 | 55 |
| | Shale----- | 137 | 192 |

149-61-1CCD
(Log from Ringdahl Drilling)

Elevation: 1480 ft

| | | | |
|--|-----------------------------|----|-----|
| | Yellow clay----- | 20 | 20 |
| | Gravel and rocks----- | 10 | 30 |
| | Blue clay----- | 35 | 65 |
| | Shale----- | 55 | 120 |
| | White clay (bentonite)----- | 5 | 125 |

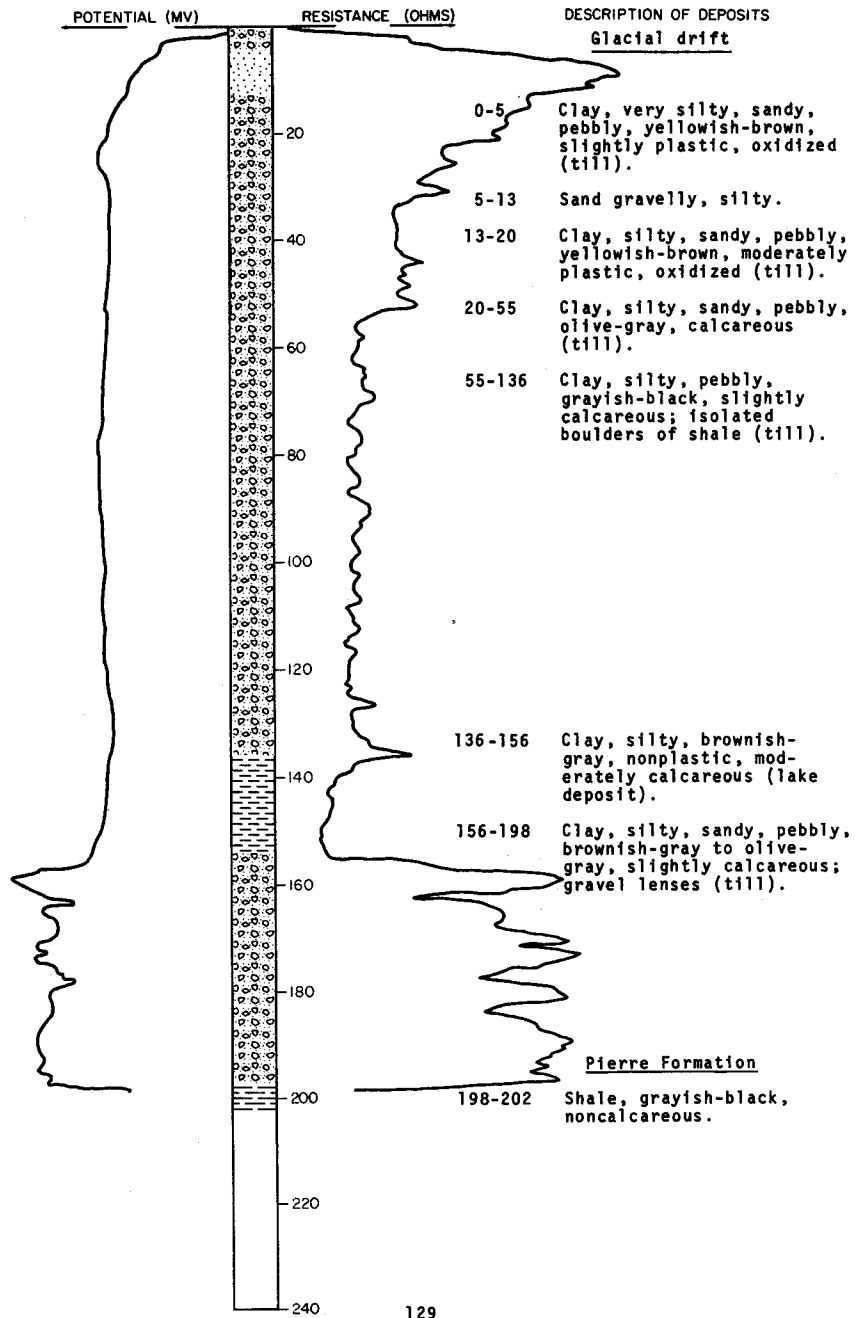
LOCATION: 149-61-2CCC

NDSWC 5323

DATE DRILLED: June 1969

ELEVATION: 1485
(FT, MSL)

DEPTH: 202
(FT)



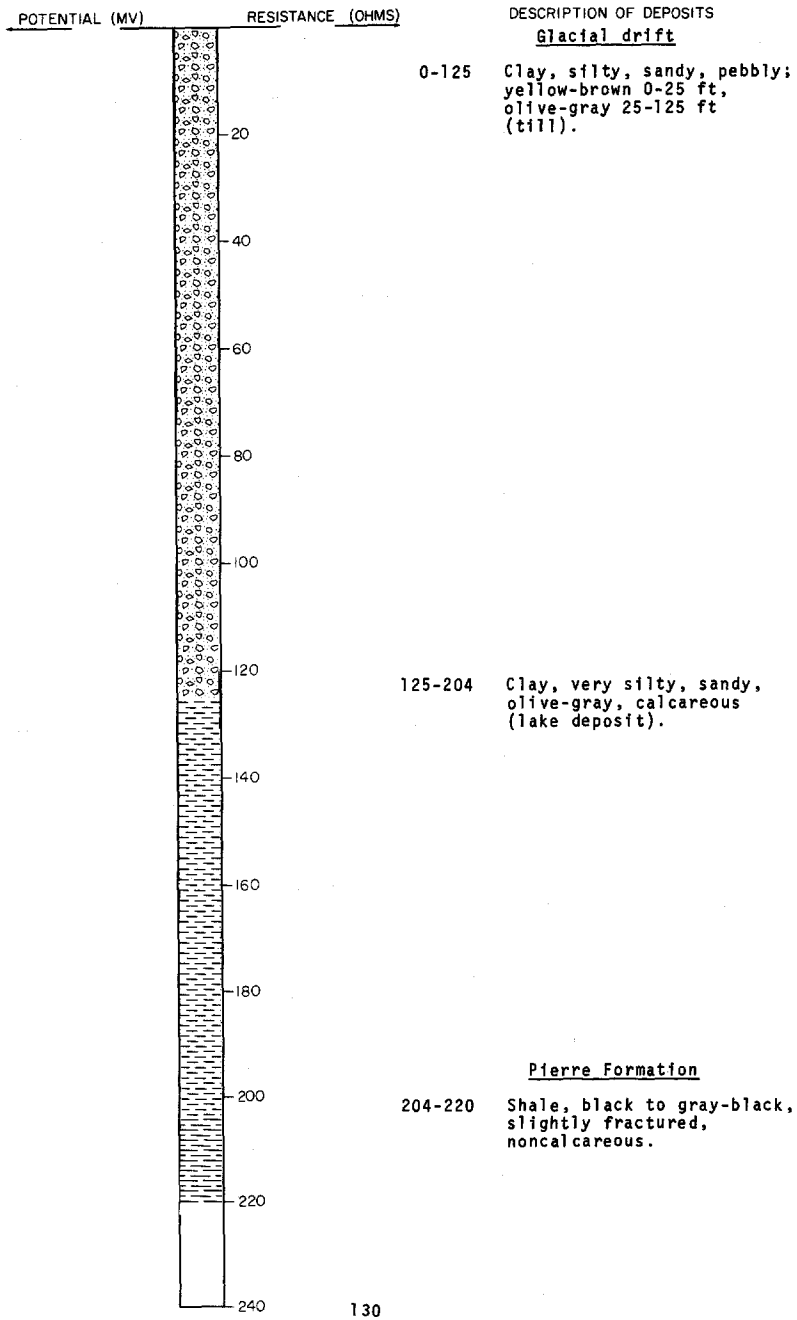
LOCATION: 149-61-3888

NDSWC 2971

DATE DRILLED: June 1968

ELEVATION: 1460
(FT, MSL)

DEPTH: 220
(FT)



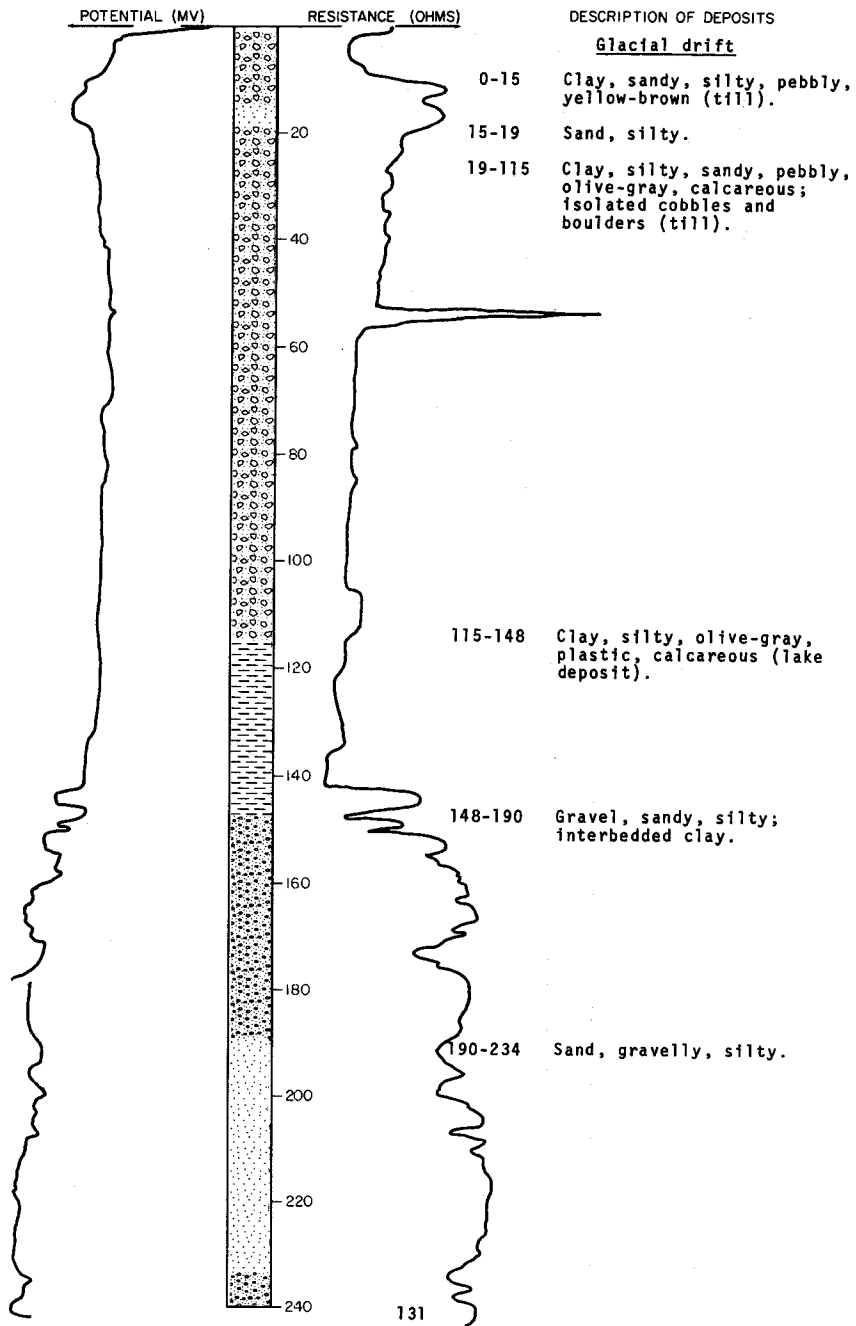
LOCATION: 149-61-5AAA

NDSWC 2972

DATE DRILLED: June 1968

ELEVATION: 1476
(FT, MSL)

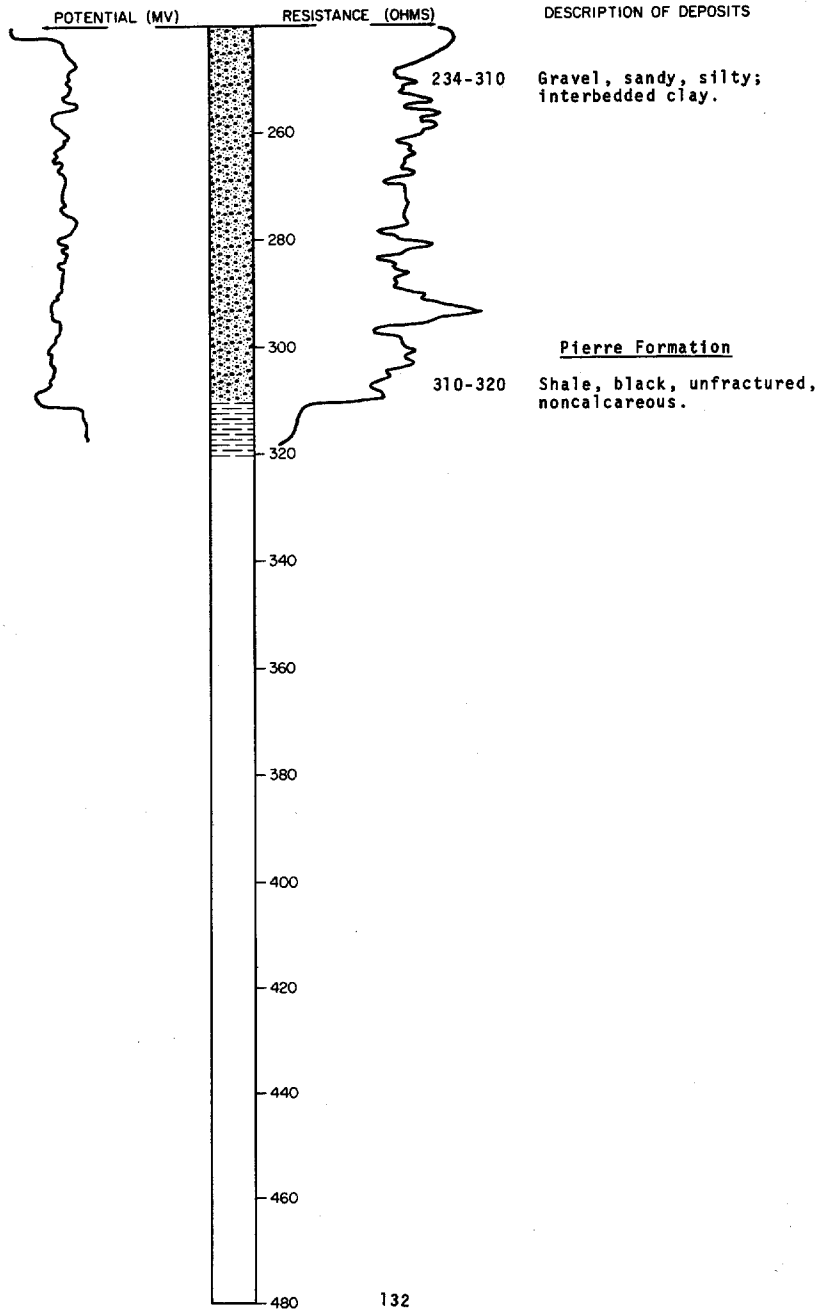
DEPTH: 320
(FT)



LOCATION: 149-61-5AAA
ELEVATION: 1476
(FT, MSL)

NDSWC 2972, Continued

DATE DRILLED: June 1968
DEPTH: 320
(FT)



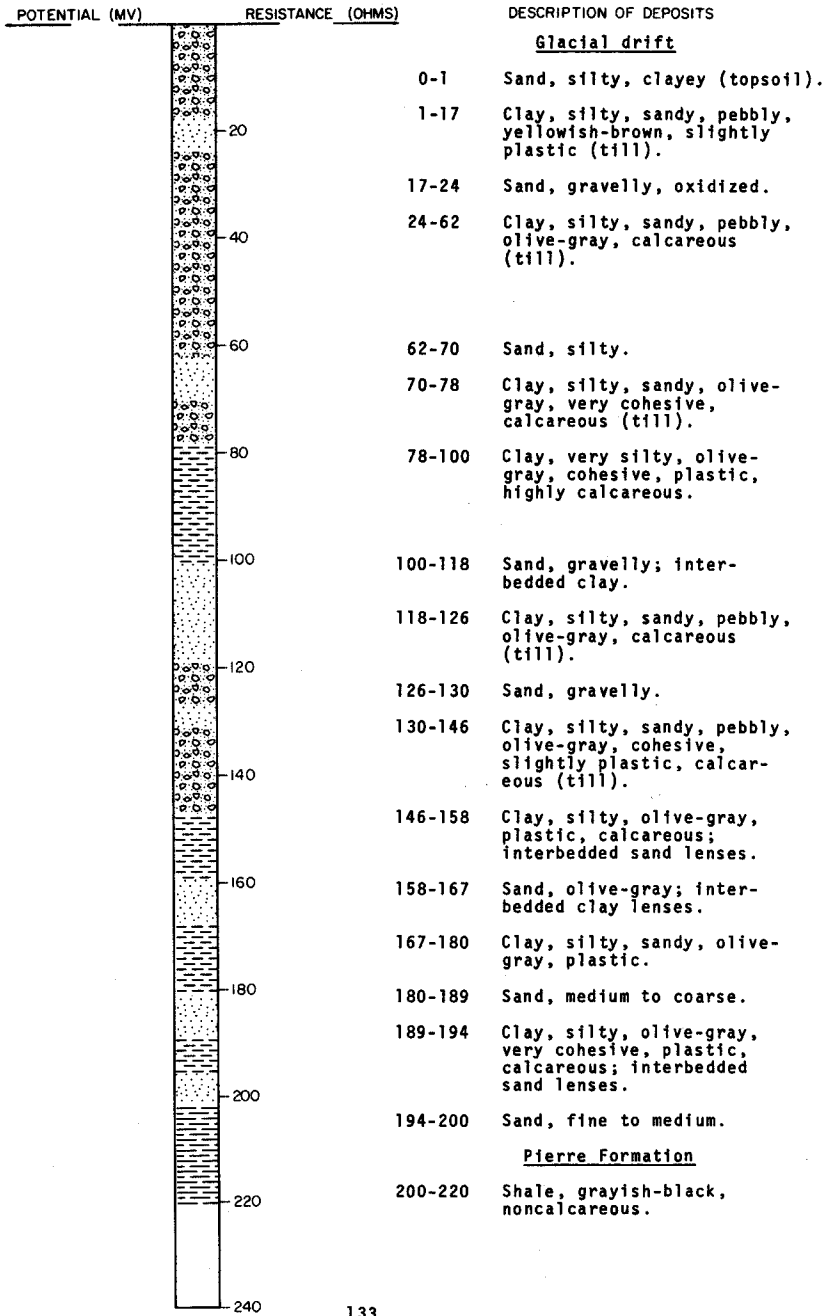
LOCATION: 149-61-5CCC

NDSWC 5691

DATE DRILLED: June 1970

ELEVATION: 1477
(FT, MSL)

DEPTH: 220
(FT)



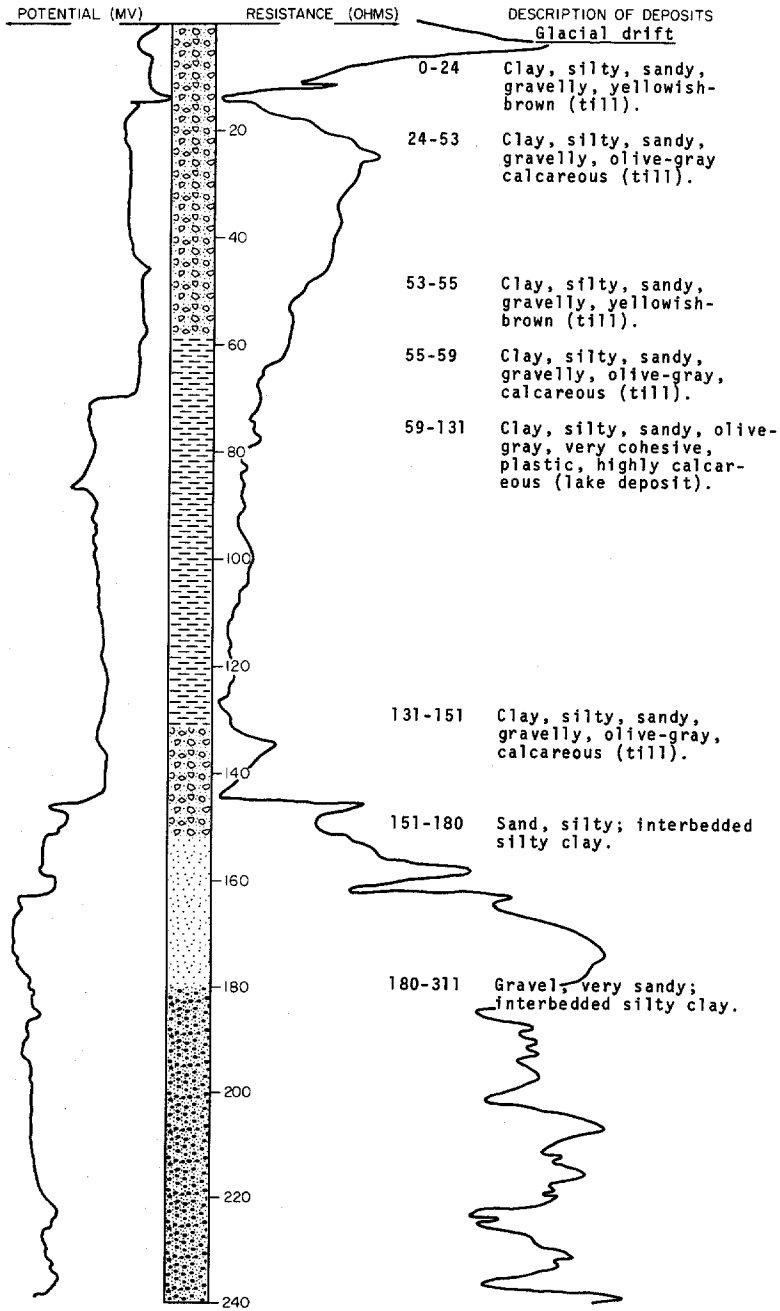
LOCATION: 149-61-5DDD

NDSWC 5692

DATE DRILLED: June 1970

ELEVATION: 1477
(FT, MSL)

DEPTH: 320
(FT)



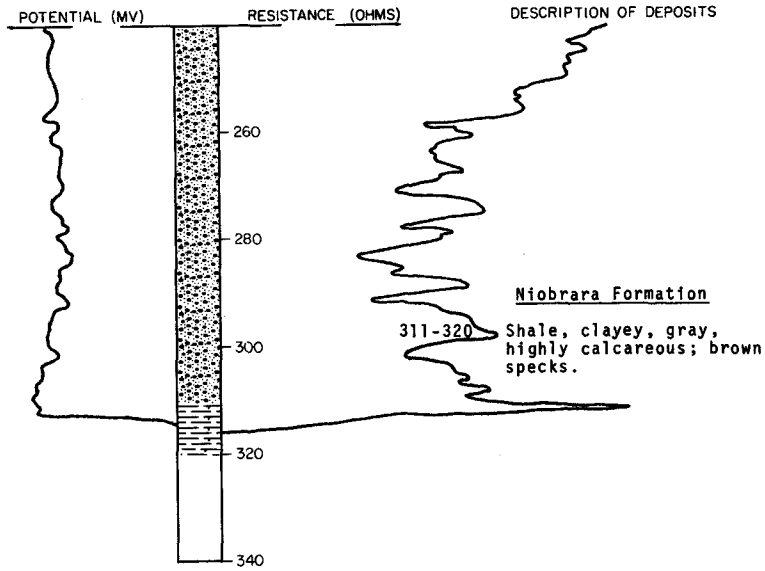
NDSWC 5692, Continued

LOCATION: 149-61-5DDD

DATE DRILLED: June 1970

ELEVATION: 1477
(FT, MSL)

DEPTH: 320
(FT)



149-61-6BCC
NDGS N29

Elevation: 1470 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Clay, silty, organic----- | 1 | 1 |
| | Sand, coarse, gravelly; boulders at 10.5 ft----- | 12 | 13 |

149-61-7DAA
(Log from C. A. Simpson & Son)

Elevation:

| | | |
|-------------------------------|-----|-----|
| Topsoil----- | 1 | 1 |
| Clay, gravelly, blue----- | 18 | 19 |
| Clay, sandy, blue (till)----- | 180 | 199 |
| Sand, coarse----- | 1 | 200 |

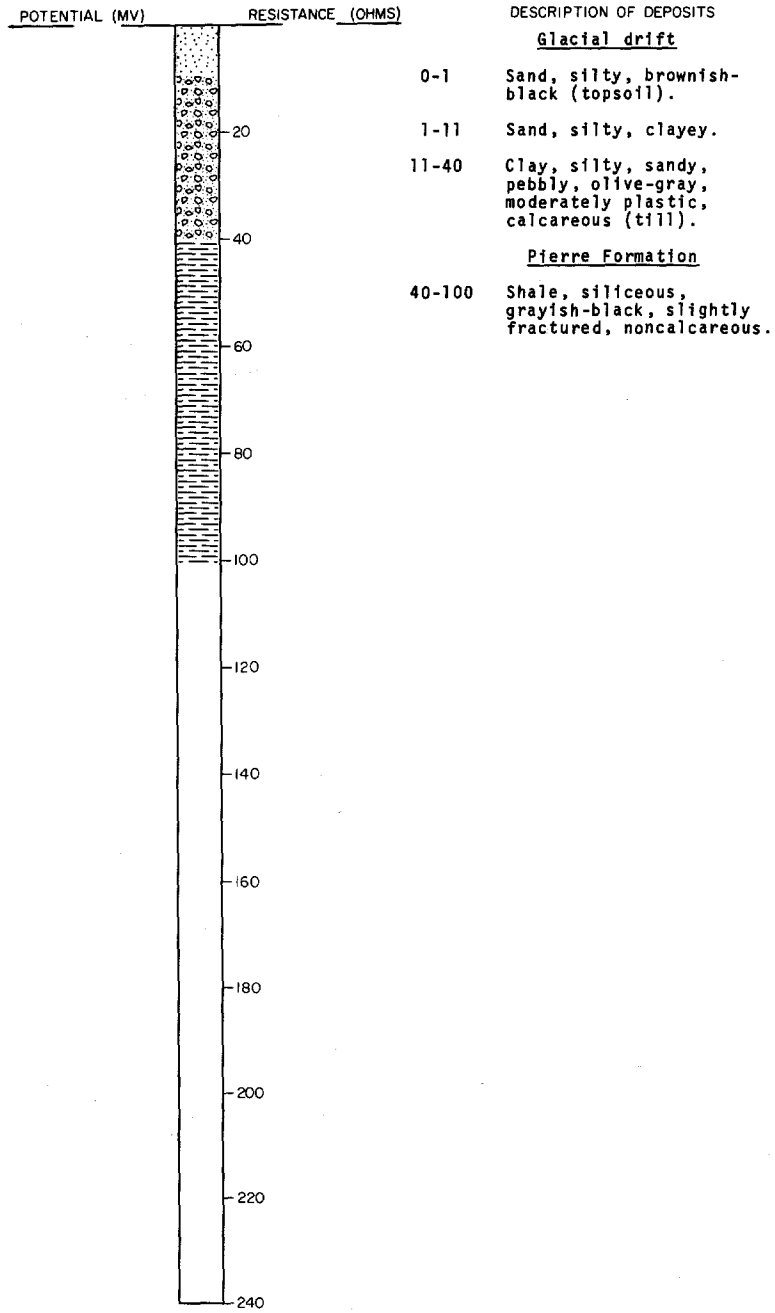
LOCATION: 149-61-10BBB

NDSWC 5693

DATE DRILLED: June 1970

ELEVATION: 1465
(FT, MSL)

DEPTH: 100
(FT)



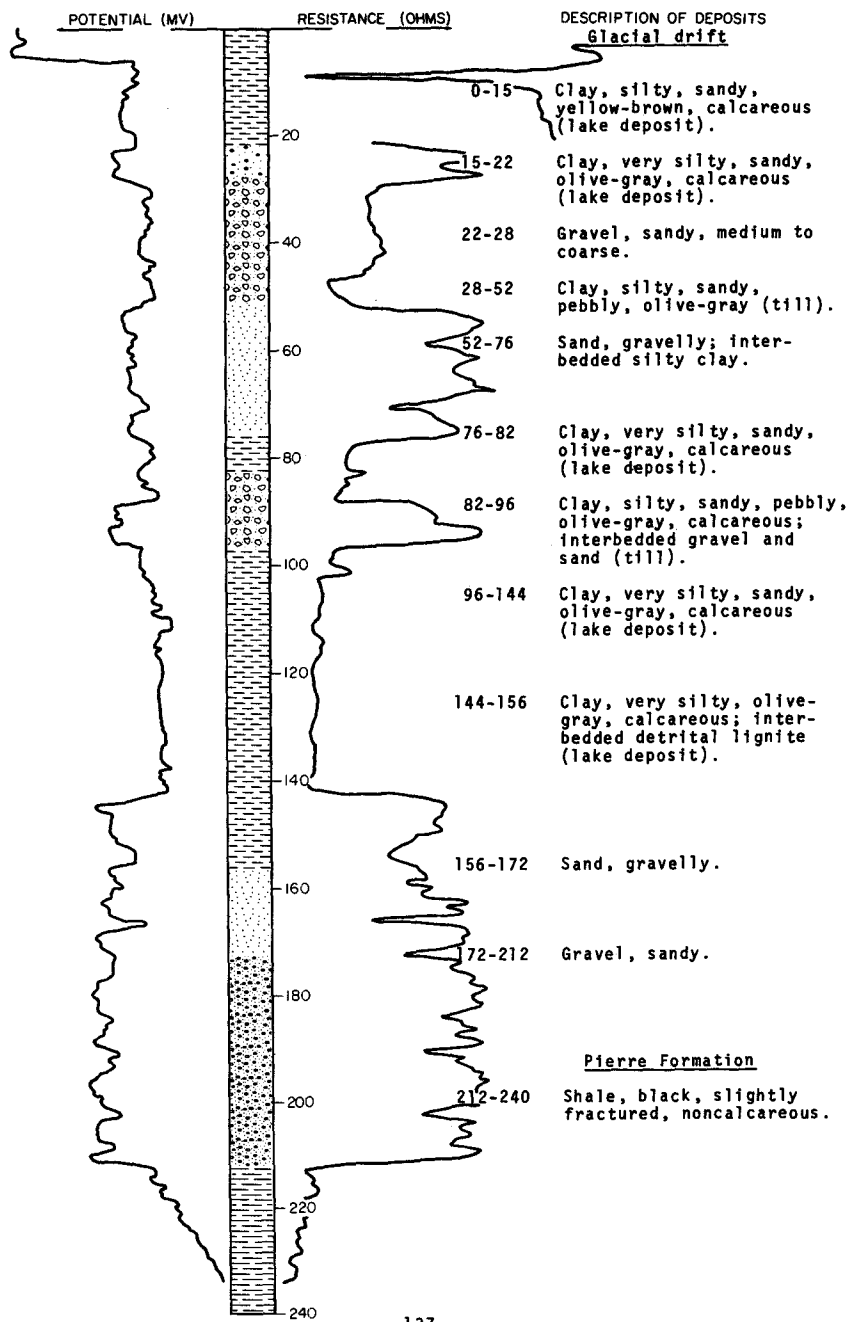
LOCATION: 149-61-11CCC

NDSWC 2968

DATE DRILLED: June 1968

ELEVATION: 1480
(FT, MSL)

DEPTH: 240
(FT)



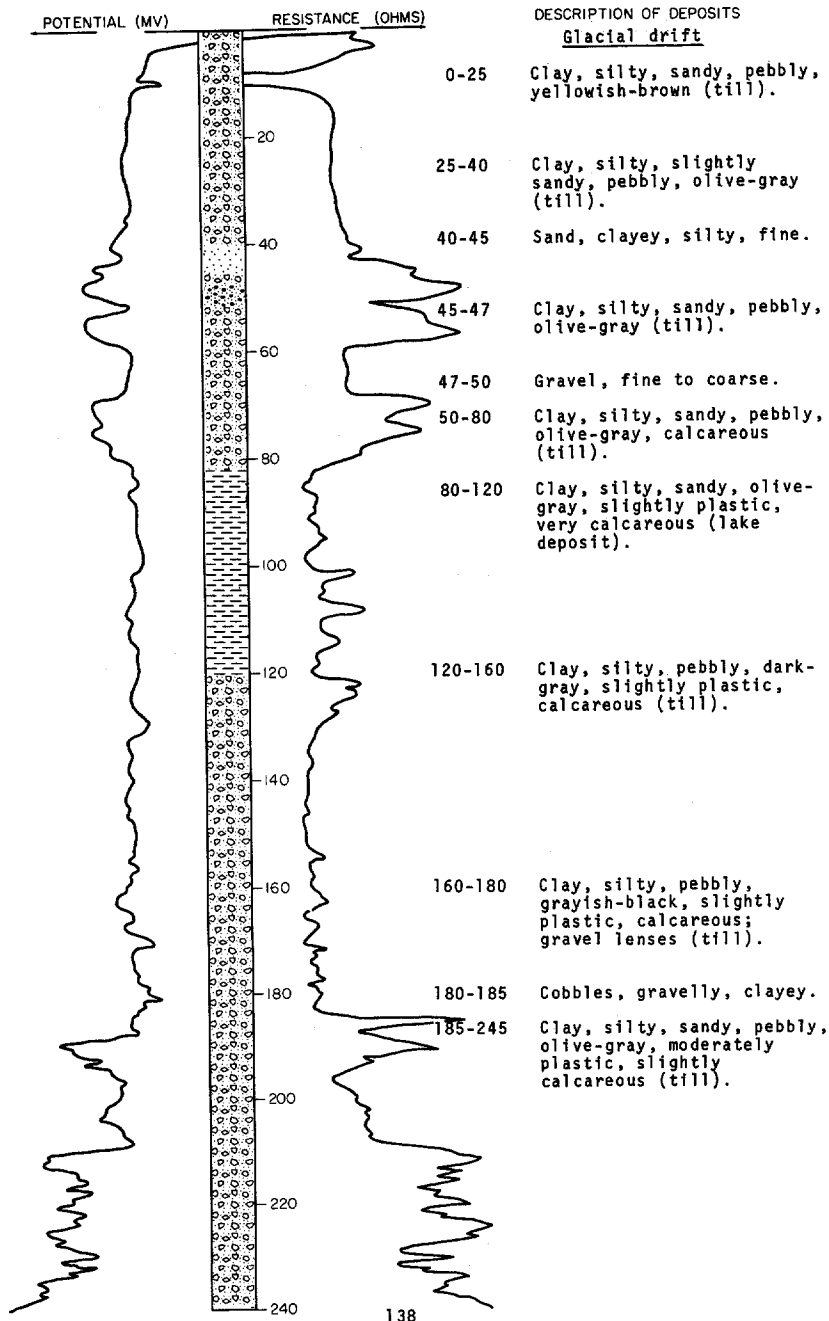
NDSWC 5322

LOCATION: 149-61-15DDD

DATE DRILLED: June 1969

ELEVATION: 1515
(FT, MSL)

DEPTH: 250
(FT)



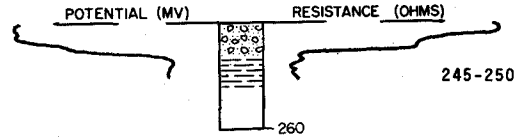
NDSWC 5322, Continued

LOCATION: 149-61-15DDD

DATE DRILLED: June 1969

ELEVATION: 1515
(FT, MSL)

DEPTH: 250
(FT)



DESCRIPTION OF DEPOSITS

Pierre Formation

Shale, grayish-black, noncalcareous.

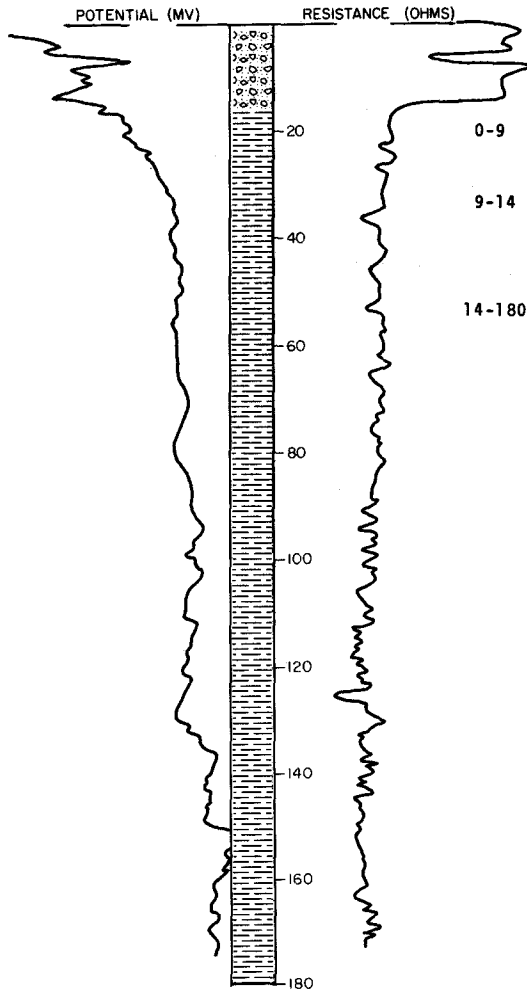
NDSWC 5318

LOCATION: 149-61-16BBB

DATE DRILLED: June 1969

ELEVATION: 1469
(FT, MSL)

DEPTH: 180
(FT)



DESCRIPTION OF DEPOSITS

Glacial drift

0-9 Clay, silty, sandy, pebbly, yellowish-brown, plastic, oxidized (till).

9-14 Clay, silty, olive-gray slightly plastic, calcareous (till).

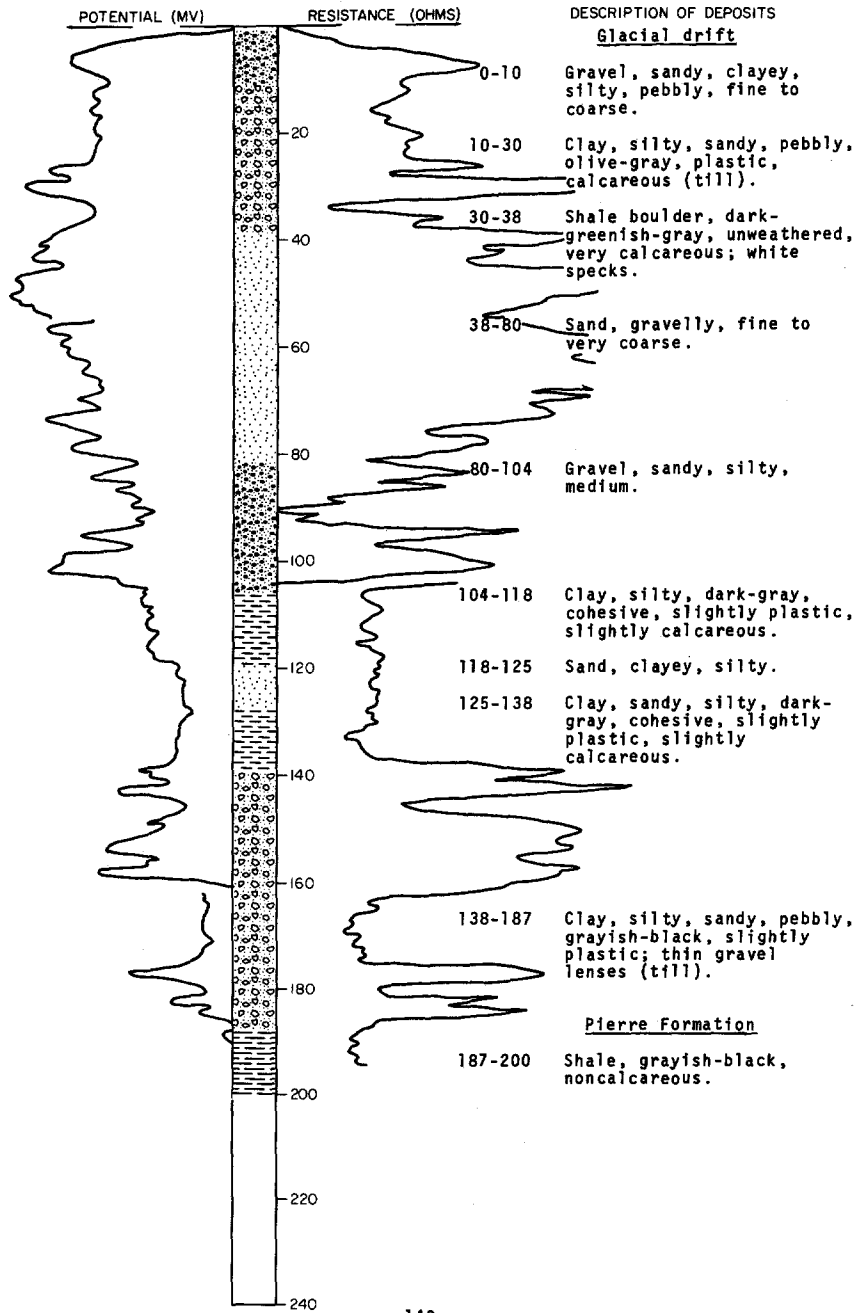
Pierre Formation

14-180 Shale, grayish-black, noncalcareous; light-olive-gray bentonitic lenses.

LOCATION: 149-61-18AAA
ELEVATION: 1480
(FT, MSL)

NDSWC 5370

DATE DRILLED: August 1969
DEPTH: 200
(FT)



149-61-19BBC
NDGS N8

Elevation:

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Clay, silty, sandy (till)----- | 7 | 7 |
| | Gravel; coarse near surface becoming finer and more shaly near bottom----- | 6 | 13 |

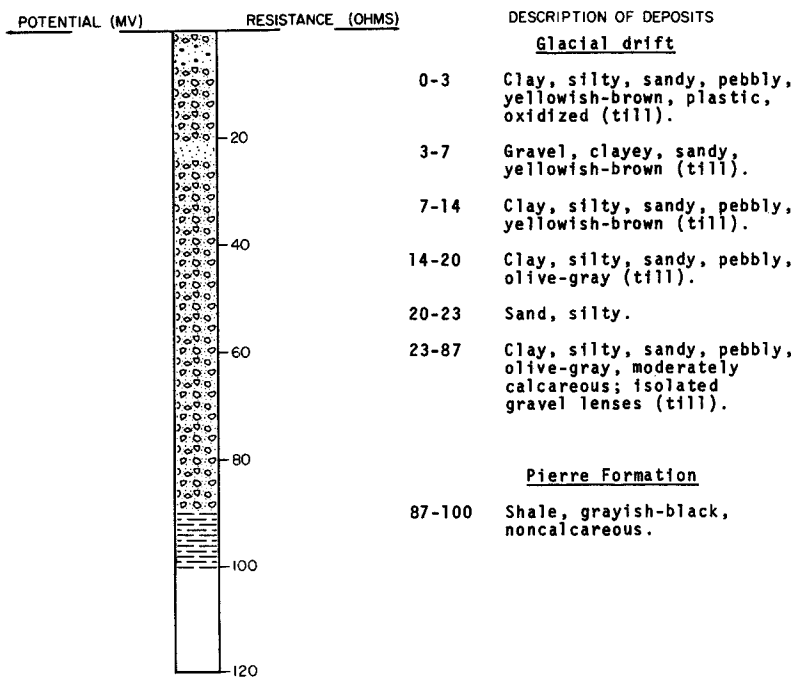
NDSWC 5319

LOCATION: 149-61-20AAA

DATE DRILLED: June 1969

ELEVATION: 1471
(FT, MSL)

DEPTH: 100
(FT)



149-61-208DD 1
NDGS N28

Elevation: 1500 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|----------------------------------|-------------------------|---------------------|
| | Clay, silty, organic, black----- | 2 | 2 |
| | Sand, silty----- | 11 | 13 |
| | Silt, unoxidized, blue----- | 2 | 15 |

149-61-23BCD
(Log from C. A. Simpson & Son)

Elevation: 1540 ft

| | | | |
|--|------------------------|----|----|
| | Topsoil----- | 1 | 1 |
| | Clay, yellow----- | 21 | 22 |
| | Clay, blue----- | 18 | 40 |
| | Clay, sandy, blue----- | 27 | 67 |
| | Sand, clayey----- | 9 | 76 |

149-61-23CA
(Log from Jack M. Johnston Drilling Company)

Elevation: 1518 ft

| <u>Geologic source</u> | <u>Thickness (feet)</u> | <u>Depth to formation top (feet)</u> |
|-------------------------------|-------------------------|--------------------------------------|
| Niobrara Formation----- | 417 | 498 |
| Greenhorn Formation----- | 105 | 915 |
| Belle Fourche Formation----- | 154 | 1020 |
| Mowry Formation----- | 37 | 1174 |
| Newcastle Formation----- | 54 | 1211 |
| Skull Creek Formation----- | 79 | 1265 |
| Dakota Group----- | 591 | 1344 |
| Stony Mountain Formation----- | 100 | 1935 |
| Red River Formation----- | 142 | 2035 |

149-61-23DAD
(Log from C. A. Simpson & Son)

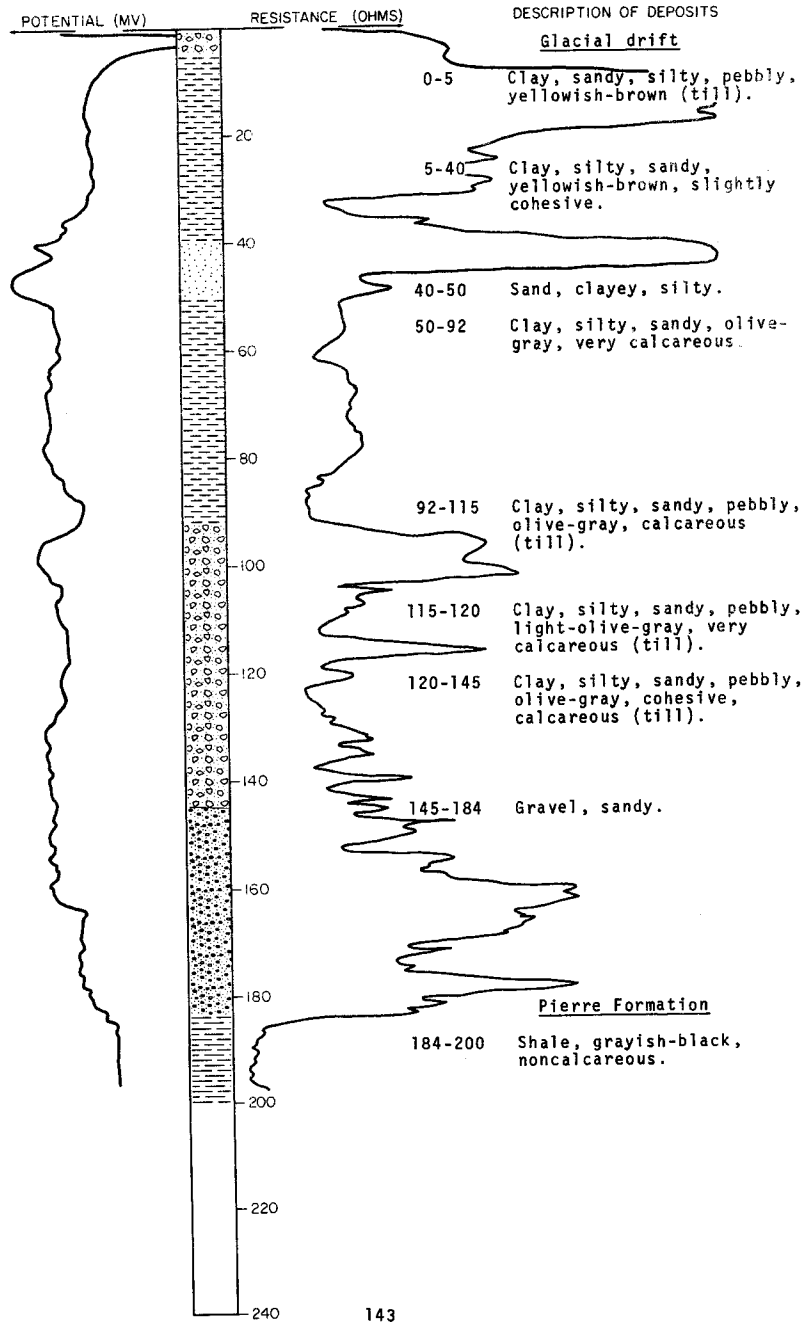
Elevation: 1540 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------|-------------------------|---------------------|
| | Topsoil----- | 1 | 1 |
| | Clay, sandy, yellow----- | 25 | 26 |
| | Clay, gravelly, hard----- | 11 | 37 |
| | Clay, sandy, blue----- | 37 | 74 |
| | Sand, coarse----- | 9 | 83 |
| | Clay, sandy, blue----- | 2 | 85 |
| | Sand----- | 4 | 89 |

NDSWC 5321

LOCATION: 149-61-230DD
ELEVATION: 1556
(FT, MSL)

DATE DRILLED: June 1969
DEPTH: 200
(FT)



149-61-27BBC
 NDGS N25

Elevation: 1550 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil----- | 1 | 1 |
| | Clay, silty, sandy, gravelly (till)----- | 14 | 15 |

149-61-27CBC
 NDGS N27

Elevation: 1550 ft

| | | | |
|--|---|---|----|
| | Silt, clayey, sandy, dark-brown (till)--- | 7 | 7 |
| | Silt, clayey, sandy, gravelly (till)----- | 8 | 15 |

149-61-28ADD
 NDGS N26

Elevation: 1530 ft

| | | | |
|--|--------------------------------|---|---|
| | Clay, silty, sandy (till)----- | 6 | 6 |
|--|--------------------------------|---|---|

149-61-28BBB

Elevation: 1500 ft

| | | | |
|--|-------------|----|----|
| | Gravel----- | 14 | 14 |
| | Clay----- | 2 | 16 |

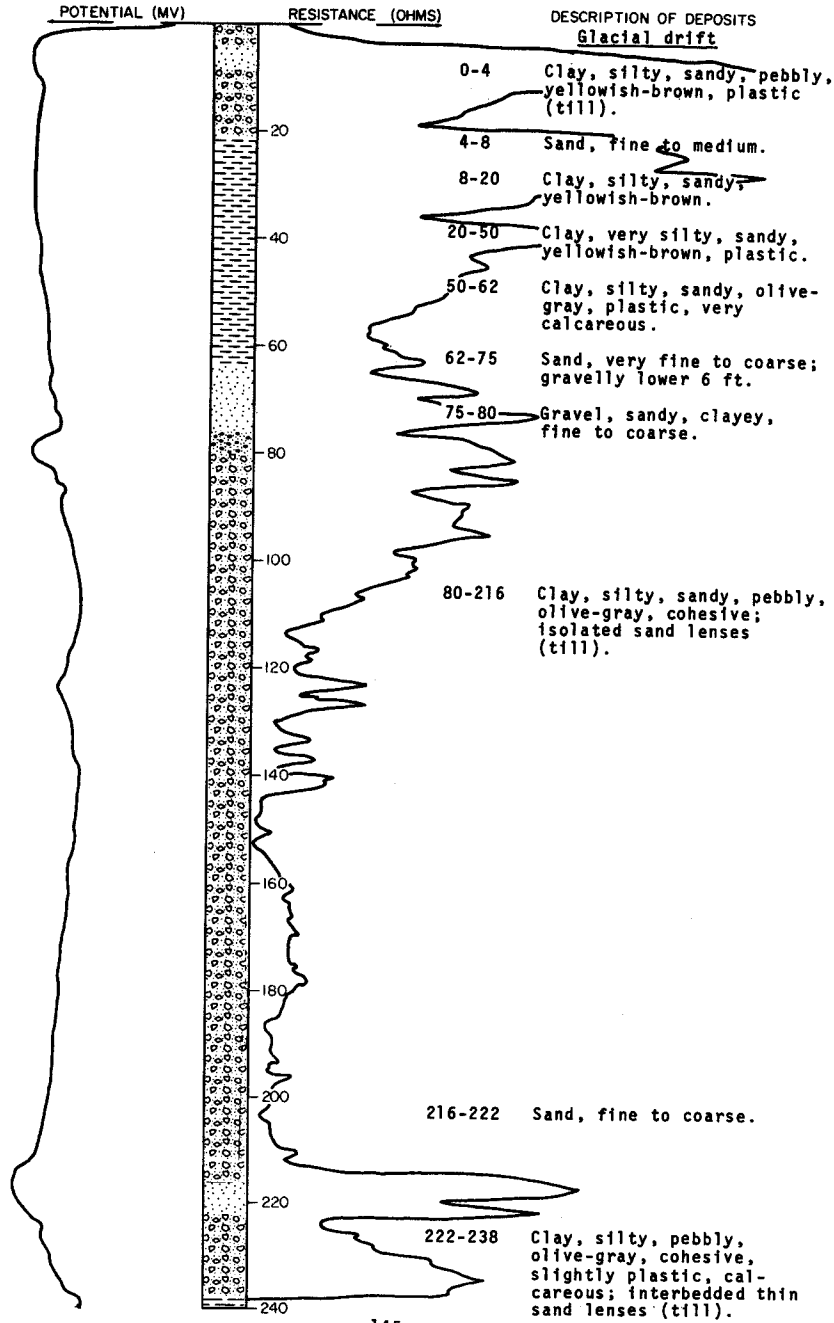
LOCATION: 149-61-29CCC

NDSWC 5320

DATE DRILLED: June 1969

ELEVATION: 1536
(FT, MSL)

DEPTH: 260
(FT)



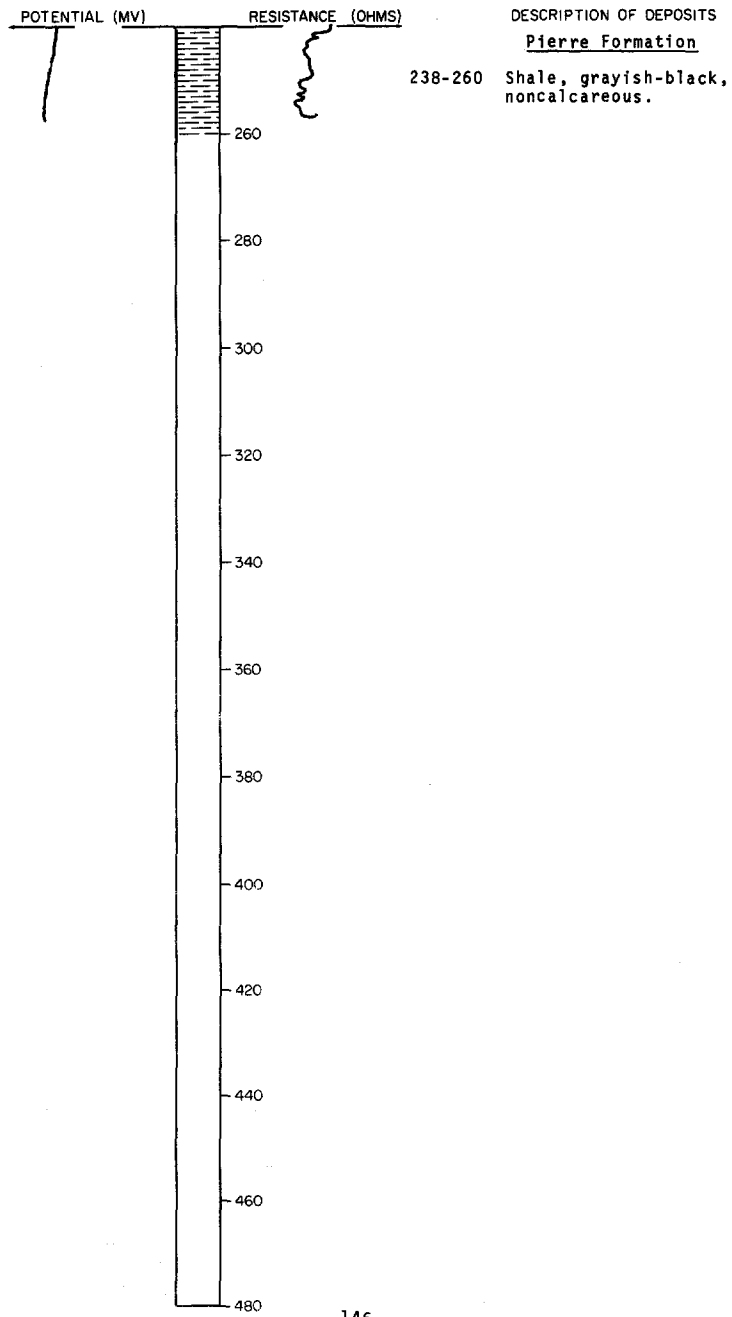
NDSWC 5320, Continued

LOCATION: 149-61-29CCC

DATE DRILLED: June 1969

ELEVATION: 1536
(FT, MSL)

DEPTH: 260
(FT)



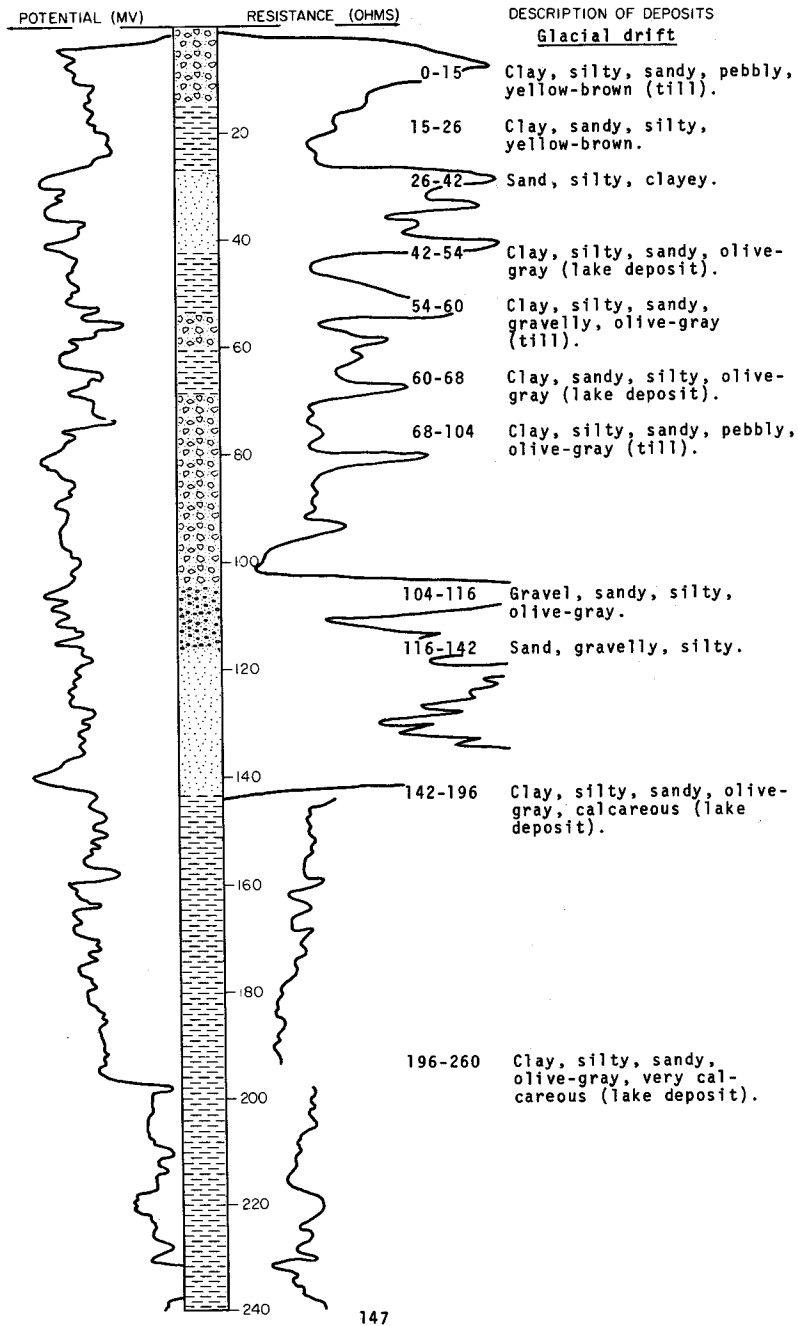
LOCATION: 149-61-32AAD

NDSWC 2967

DATE DRILLED: June 1968

ELEVATION: 1530
(FT, MSL)

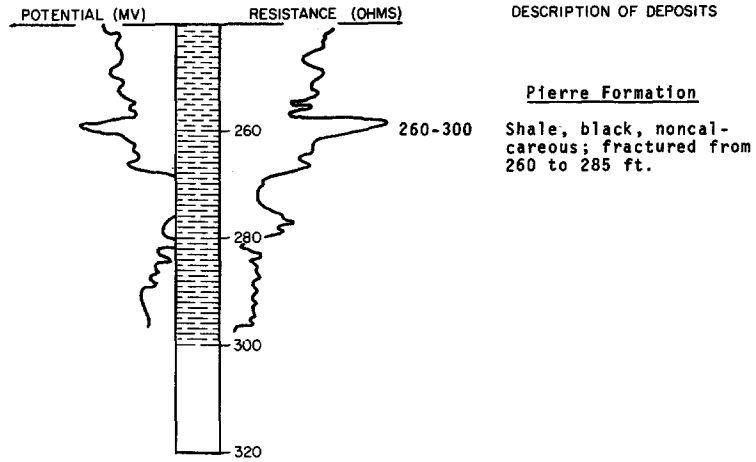
DEPTH: 300
(FT)



NDSWC 2967, Continued

LOCATION: 149-61-32AAD
 ELEVATION: 1530
 (FT, MSL)

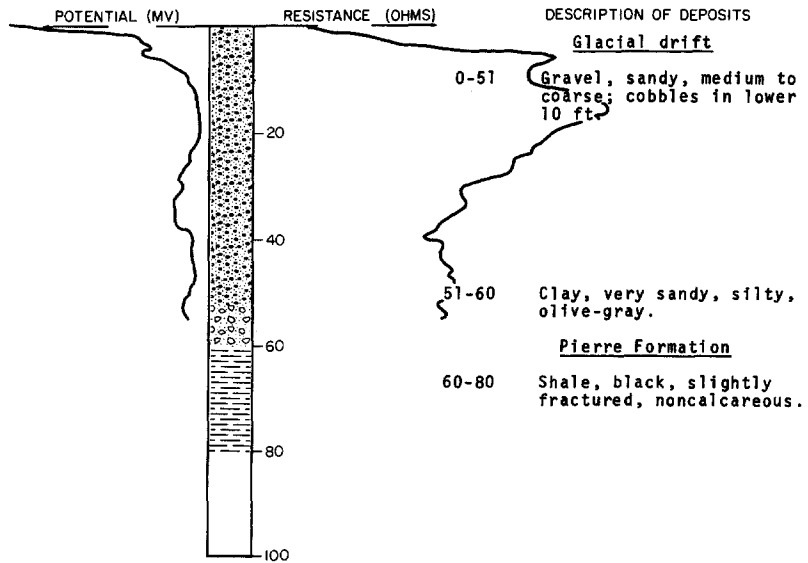
DATE DRILLED: June 1968
 DEPTH: 300
 (FT)



NDSWC 2966

LOCATION: 149-61-34AAA
 ELEVATION: 1550
 (FT, MSL)

DATE DRILLED: June 1968
 DEPTH: 80
 (FT)



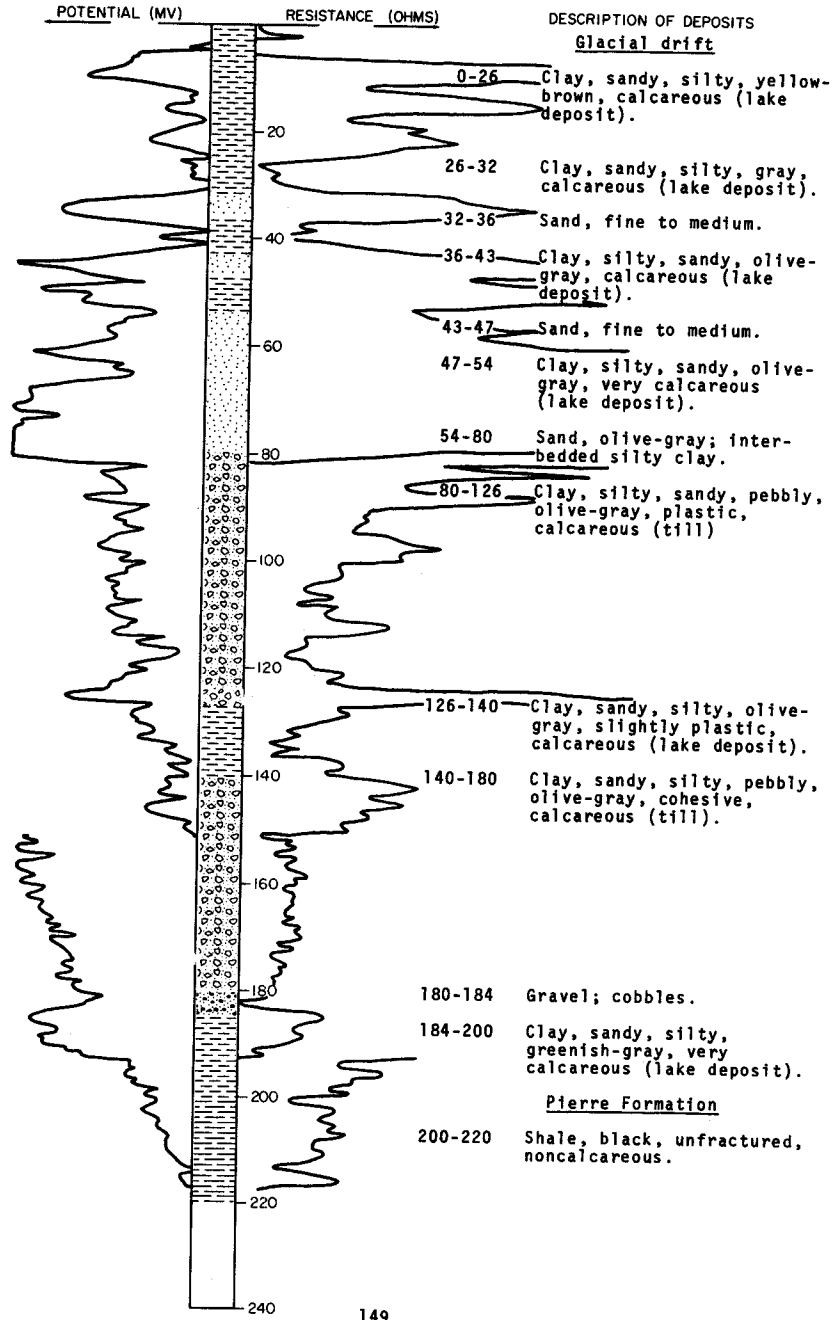
LOCATION: 149-61-36AAA

NDSWC 2965

DATE DRILLED: June 1968

ELEVATION: 1520
(FT, MSL)

DEPTH: 220
(FT)



149-61-36BDB
NDGS N24

Elevation: 1505 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------------------|-------------------------|---------------------|
| | Topsoil----- | 2 | 2 |
| | Clay, silty, sandy (till)----- | 5 | 7 |
| | Sand, silty----- | 9 | 16 |
| | Sand, medium to coarse----- | 4 | 20 |

150-57-17DAD
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | | |
|--|-----------------------|----|-----|
| | Silt, clayey----- | 24 | 24 |
| | Shale, fractured----- | 36 | 60 |
| | Shale, solid----- | 70 | 130 |

150-57-29DDD
NDGS N14

Elevation:

| | | | |
|--|---------------------|---|---|
| | Till, oxidized----- | 5 | 5 |
| | Till, shaly----- | 3 | 8 |

150-57-32AAD
NDGS N15

Elevation:

| | | | |
|--|---------------------|----|----|
| | Till, oxidized----- | 17 | 17 |
|--|---------------------|----|----|

150-58-3CCC
(Log from Ringdahl Drilling)

Elevation: 1530 ft

| | | | |
|--|----------------------------------|----|-----|
| | Yellow clay----- | 18 | 18 |
| | Blue clay----- | 22 | 40 |
| | Gravel----- | 1 | 41 |
| | Shale----- | 60 | 101 |
| | White clay (bentonite lens)----- | 1 | 102 |

150-58-5DDC
NDGS N11

Elevation:

| | | | |
|--|-----------------------|----|----|
| | Till, oxidized----- | 26 | 26 |
| | Till, unoxidized----- | 1 | 27 |

150-58-16CDD
NDGS N16

Elevation:

| | | | |
|--|------------------------------|---|----|
| | Silt, sandy----- | 3 | 3 |
| | Sand, silty, oxidized----- | 4 | 7 |
| | Sand, silty, unoxidized----- | 7 | 14 |

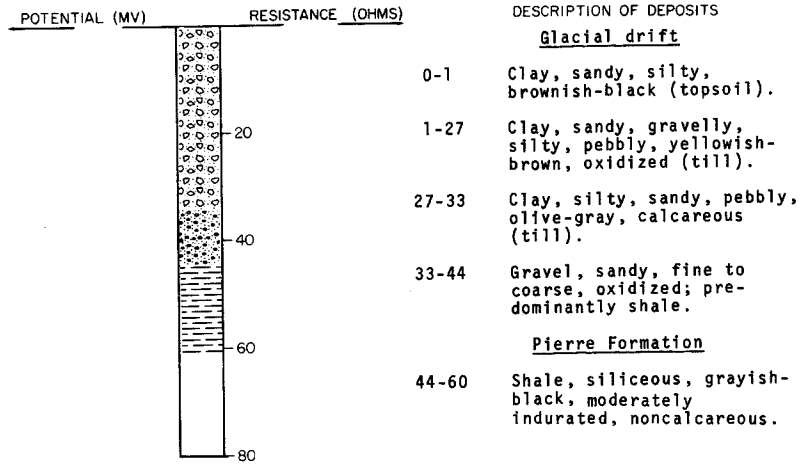
NDSWC 5341

LOCATION: 150-58-19CCC

DATE DRILLED: July 1969

ELEVATION: 1520
(FT, MSL)

DEPTH: 60
(FT)



150-58-28AAC
(Log from Ringdahl Drilling)

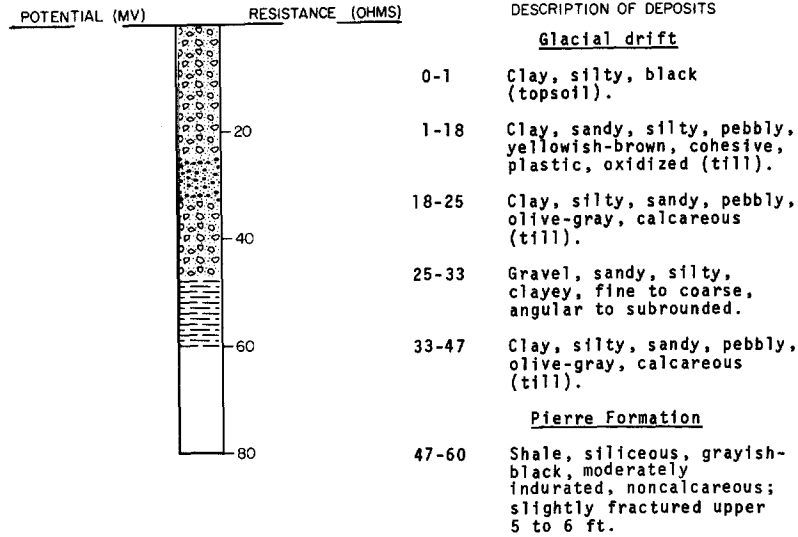
Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|----------------------|-------------------------|---------------------|
| | Silty clay----- | 25 | 25 |
| | Blue clay----- | 20 | 45 |
| | Gravel and sand----- | 11 | 56 |
| | Shale----- | 53 | 109 |

NDSWC 5342

LOCATION: 150-58-31BBB
 ELEVATION: 1502
 (FT, MSL)

DATE DRILLED: July 1969
 DEPTH: 60
 (FT)



150-58-33CAA
 (Log from C. A. Simpson & Son)

Elevation: 1500 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---------------------------------|------------------|--------------|
| | Topsoil----- | 1 | 1 |
| | Sandy blue clay with rocks----- | 23 | 24 |
| | Gravelly blue clay----- | 35 | 59 |
| | Shale----- | 20 | 79 |

150-59-1ABB
 (Log from Ringdahl Drilling)

Elevation: 1514 ft

| | | |
|--------------------------------|----|----|
| Clay, sandy, silty (till)----- | 27 | 27 |
| Sand, silty----- | 10 | 37 |
| Clay, sandy, silty (till)----- | 18 | 55 |
| Shale----- | 25 | 80 |

150-59-1CCA
 (Log from U.S. Air Force)

Elevation: 1490 ft

| | | |
|-------------------------------|------|------|
| Sand, silty, fine----- | 21.5 | 21.5 |
| Clay, silty----- | 18.5 | 40 |
| Silt and shale fragments----- | 2.5 | 42.5 |
| Shale, fractured----- | 89.5 | 132 |

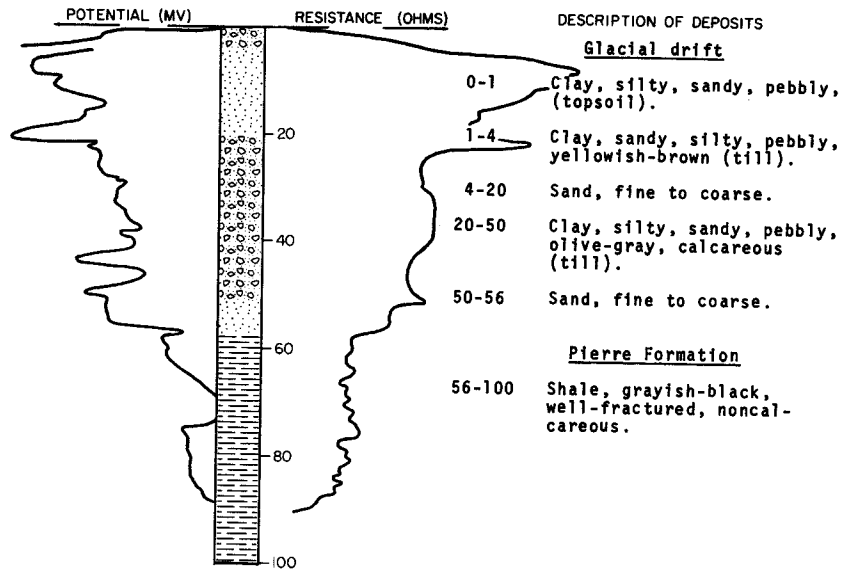
LOCATION: 150-59-2CCC

NDSWC 2980

DATE DRILLED: June 1968

ELEVATION: 1502
(FT, MSL)

DEPTH: 100
(FT)



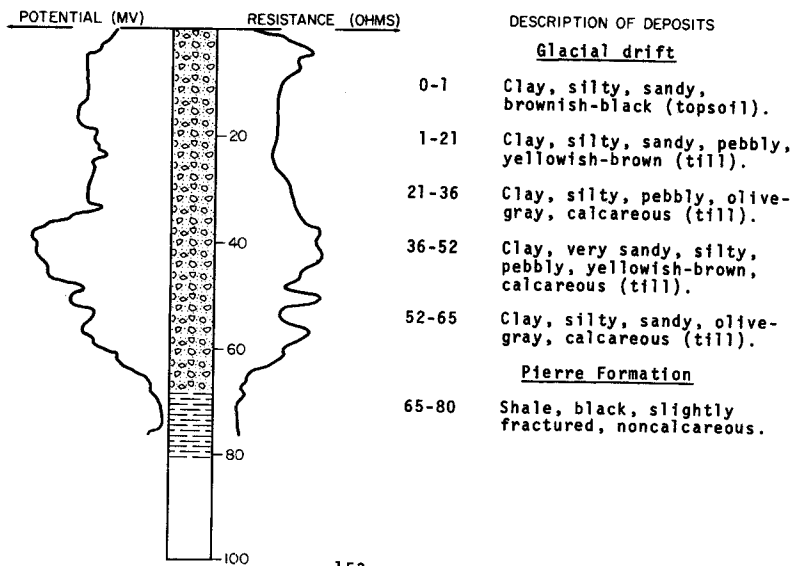
LOCATION: 150-59-7AAA

NDSWC 2979

DATE DRILLED: June 1968

ELEVATION: 1510
(FT, MSL)

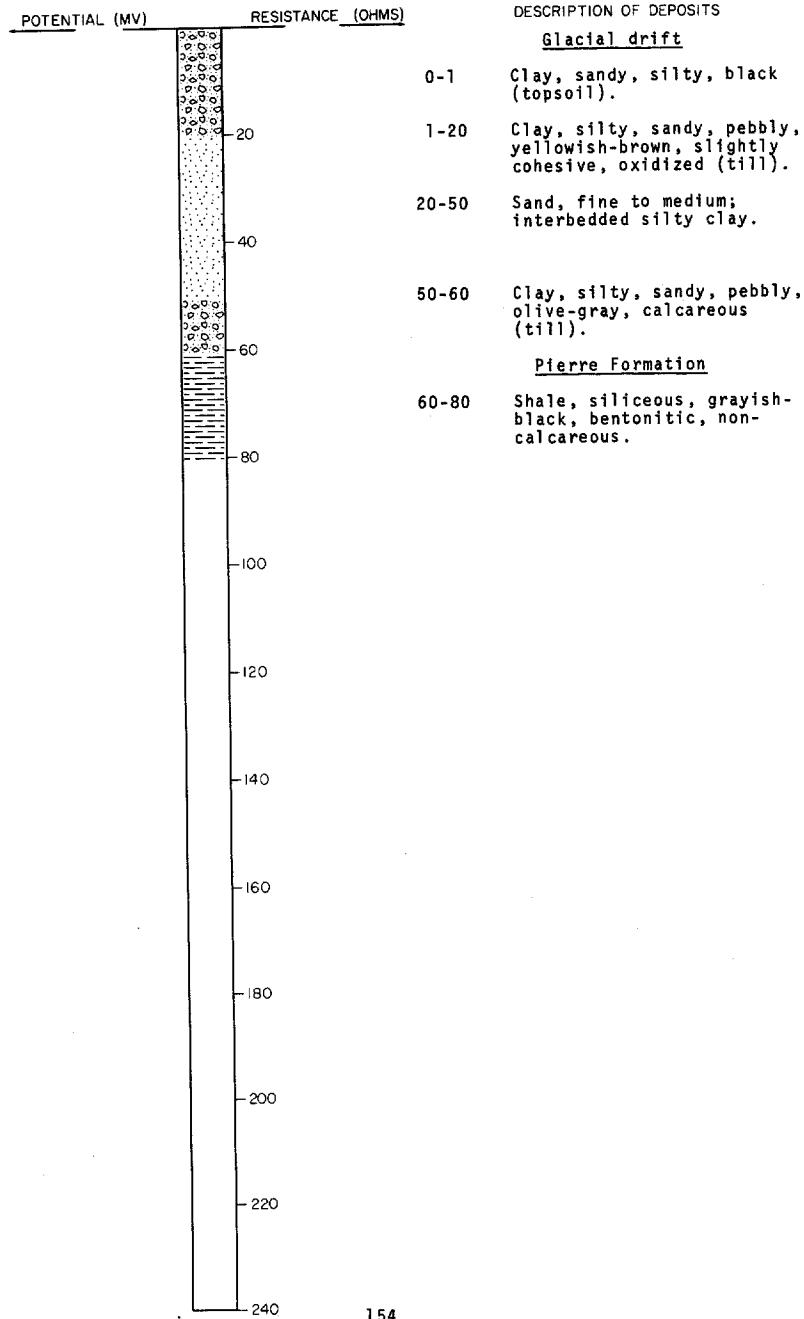
DEPTH: 80
(FT)



NDSWC 5696

LOCATION: 150-59-18CBB
ELEVATION: 1495
(FT, MSL)

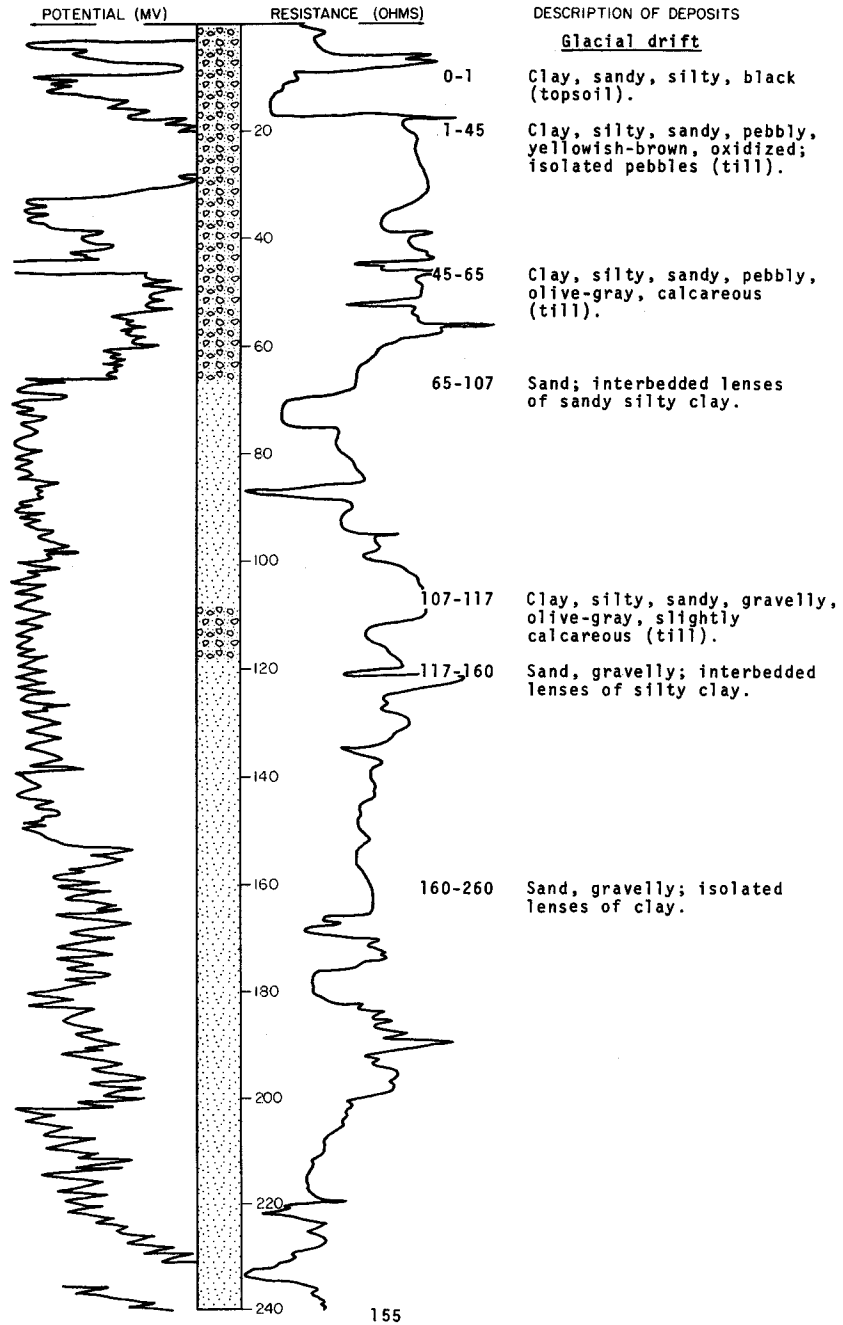
DATE DRILLED: June 1970
DEPTH: 80
(FT)



NDSWC 5697

LOCATION: 150-59-19BCC
ELEVATION: 1525
(FT, MSL)

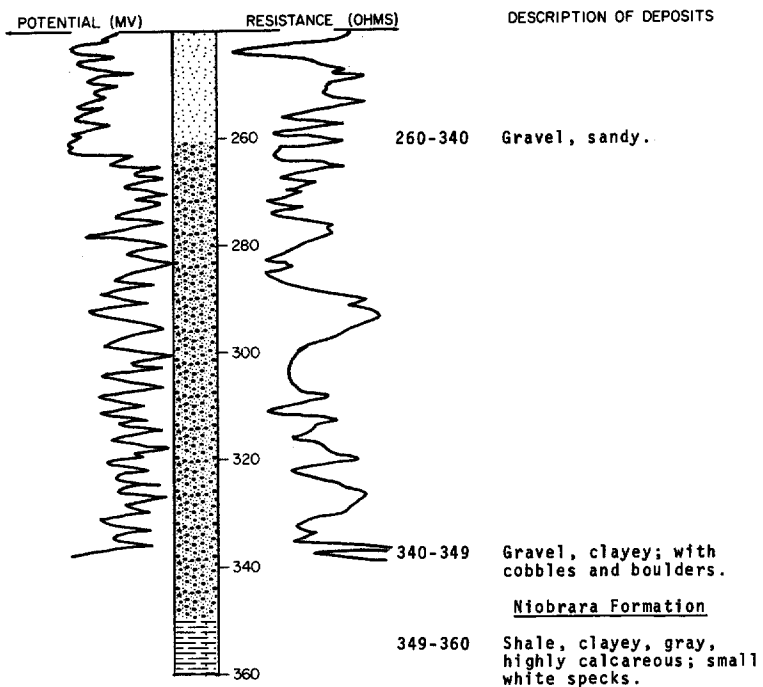
DATE DRILLED: June 1970
DEPTH: 360
(FT)



NDSWC 5697, Continued

LOCATION: 150-59-19BCC
 ELEVATION: 1525
 (FT, MSL)

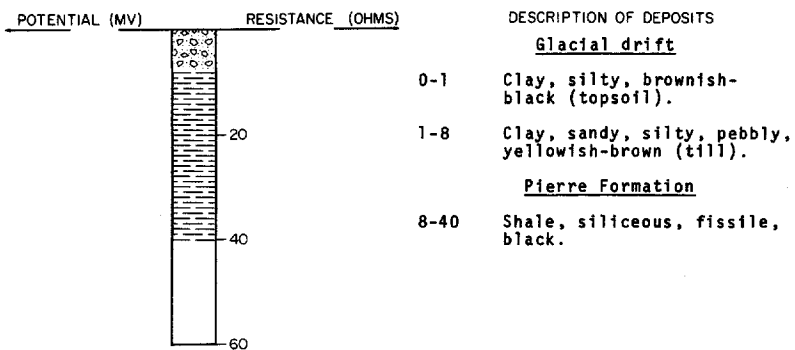
DATE DRILLED: June 1970
 DEPTH: 360
 (FT)



NDSWC 2990

LOCATION: 150-59-19DDD2
 ELEVATION: 1477
 (FT, MSL)

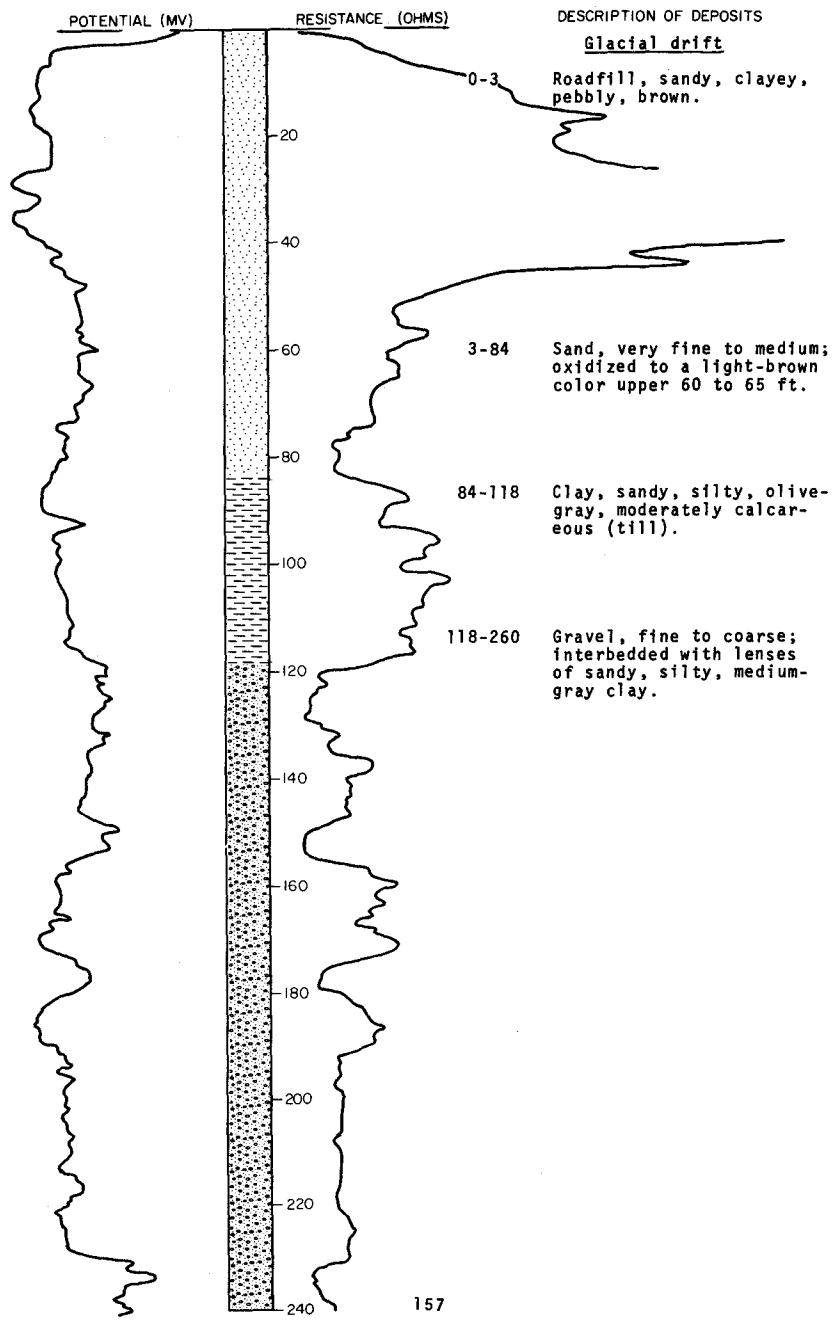
DATE DRILLED: June 1968
 DEPTH: 40
 (FT)



LOCATION: 150-59-20AAA
ELEVATION: 1474
(FT, MSL)

NDSWC 2992

DATE DRILLED: June 1968
DEPTH: 340
(FT)



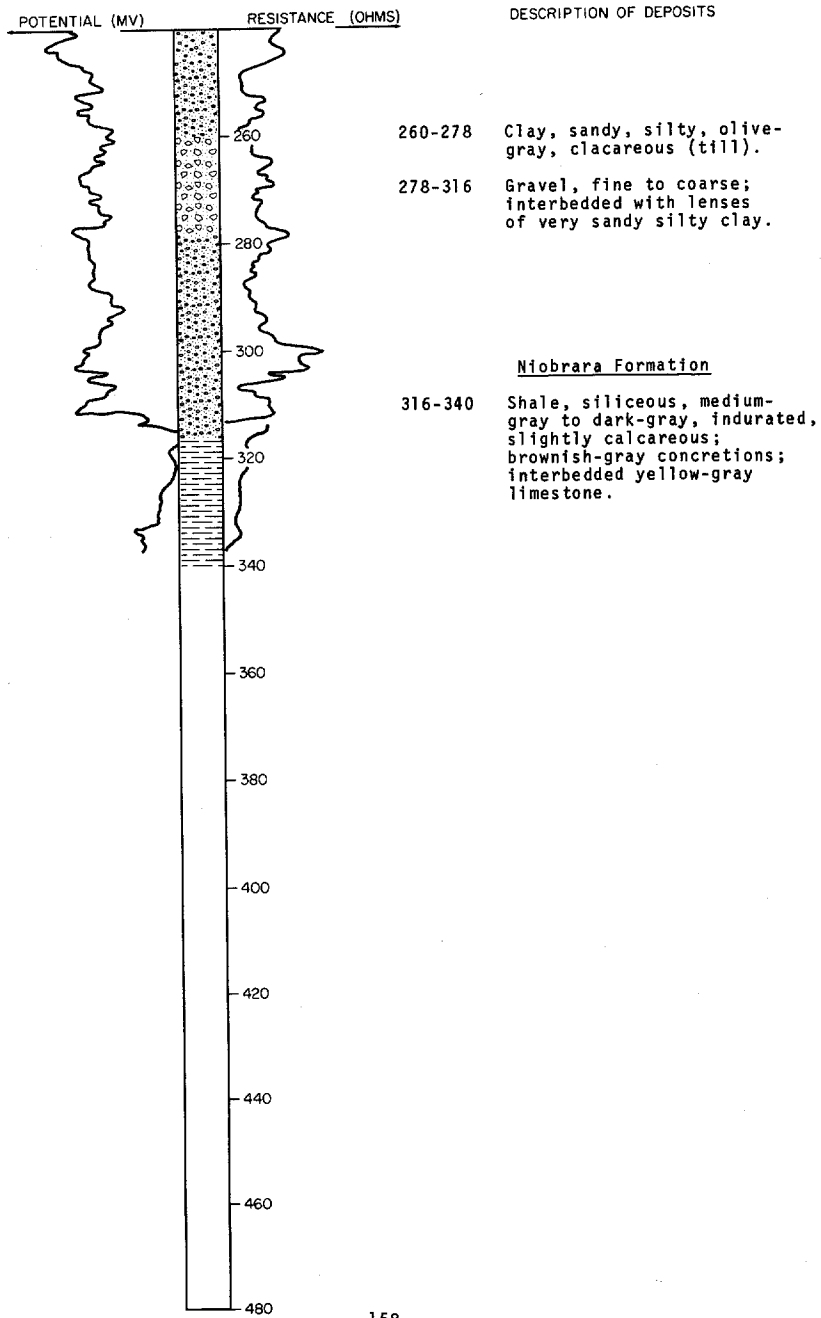
LOCATION: 150-59-20AAA

NDSWC 2992, Continued

DATE DRILLED: June 1968

ELEVATION: 1474
(FT, MSL)

DEPTH: 340
(FT)



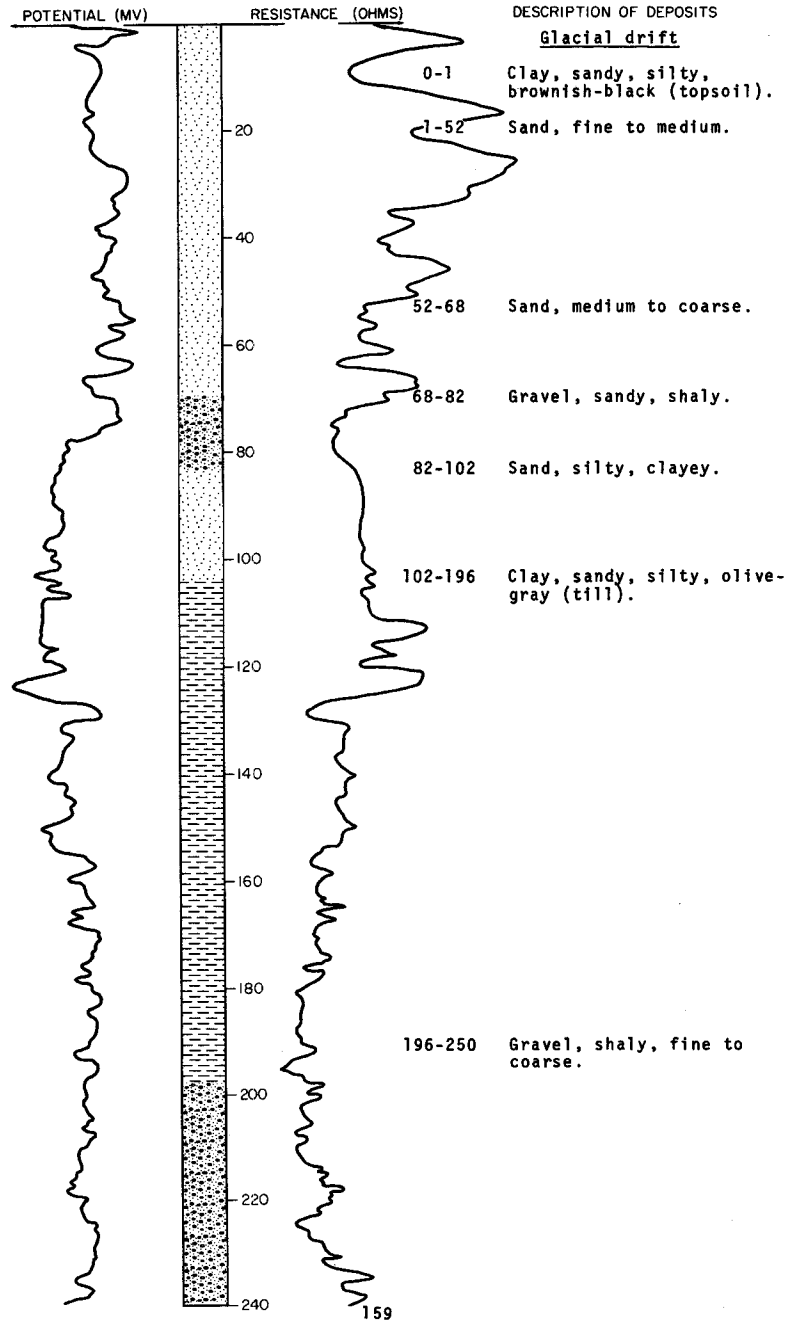
NDSWC 2991

LOCATION: 150-59-21BCC

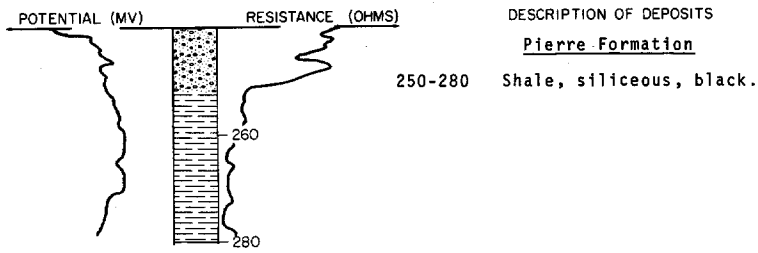
DATE DRILLED: June 1968

ELEVATION: 1440
(FT, MSL)

DEPTH: 280
(FT)



LOCATION: 150-59-21BCC NDSWC 2991, Continued DATE DRILLED: June 1968
 ELEVATION: 1440 DEPTH: 280
 (FT, MSL) (FT)

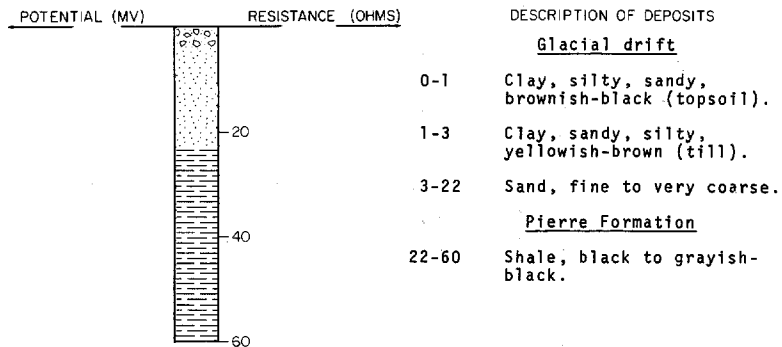


150-59-24DAA1
 (Log from Ringdahl Drilling)

Elevation: 1510 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|----------------------|------------------|--------------|
| | Yellow clay----- | 25 | 25 |
| | Sand and gravel----- | 5 | 30 |
| | Blue clay----- | 10 | 40 |
| | Shale----- | 50 | 90 |

LOCATION: 150-59-26BBB NDSWC 2981 DATE DRILLED: June 1968
 ELEVATION: 1485 DEPTH: 60
 (FT, MSL) (FT)



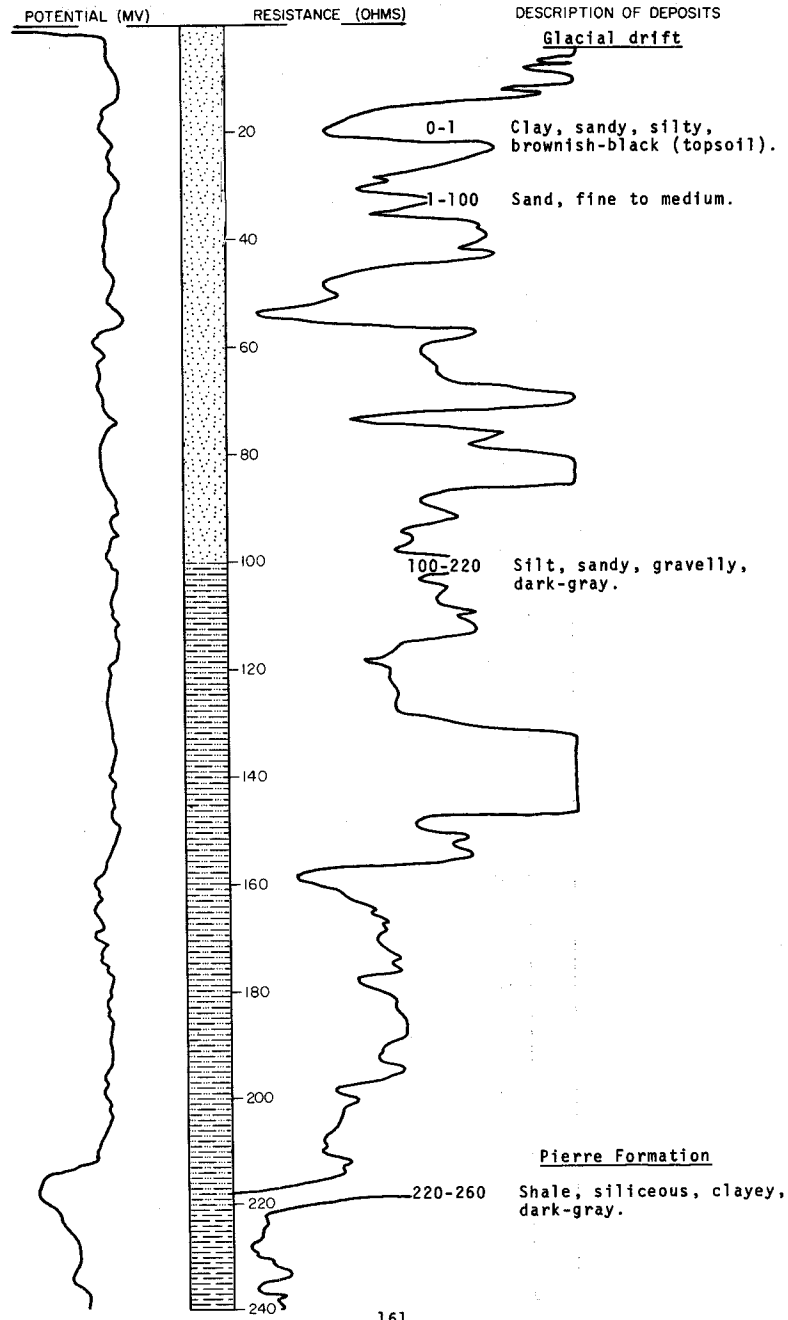
NDSWC 5338

LOCATION: 150-59-27CCC

DATE DRILLED: July 1969

ELEVATION: 1438
(FT, MSL)

DEPTH: 260
(FT)



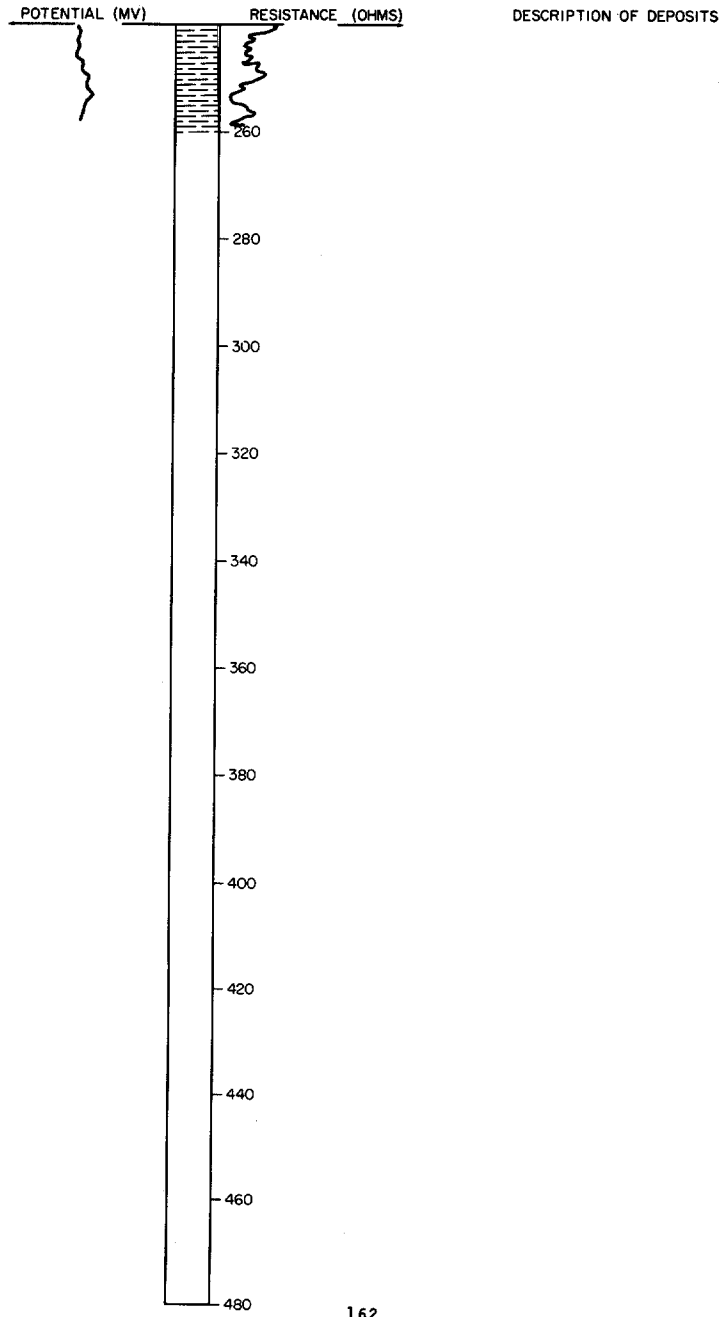
LOCATION: 150-59-27CCC

NDSWC 5338, Continued

DATE DRILLED: July 1969

ELEVATION: 1438
(FT, MSL)

DEPTH: 260
(FT)



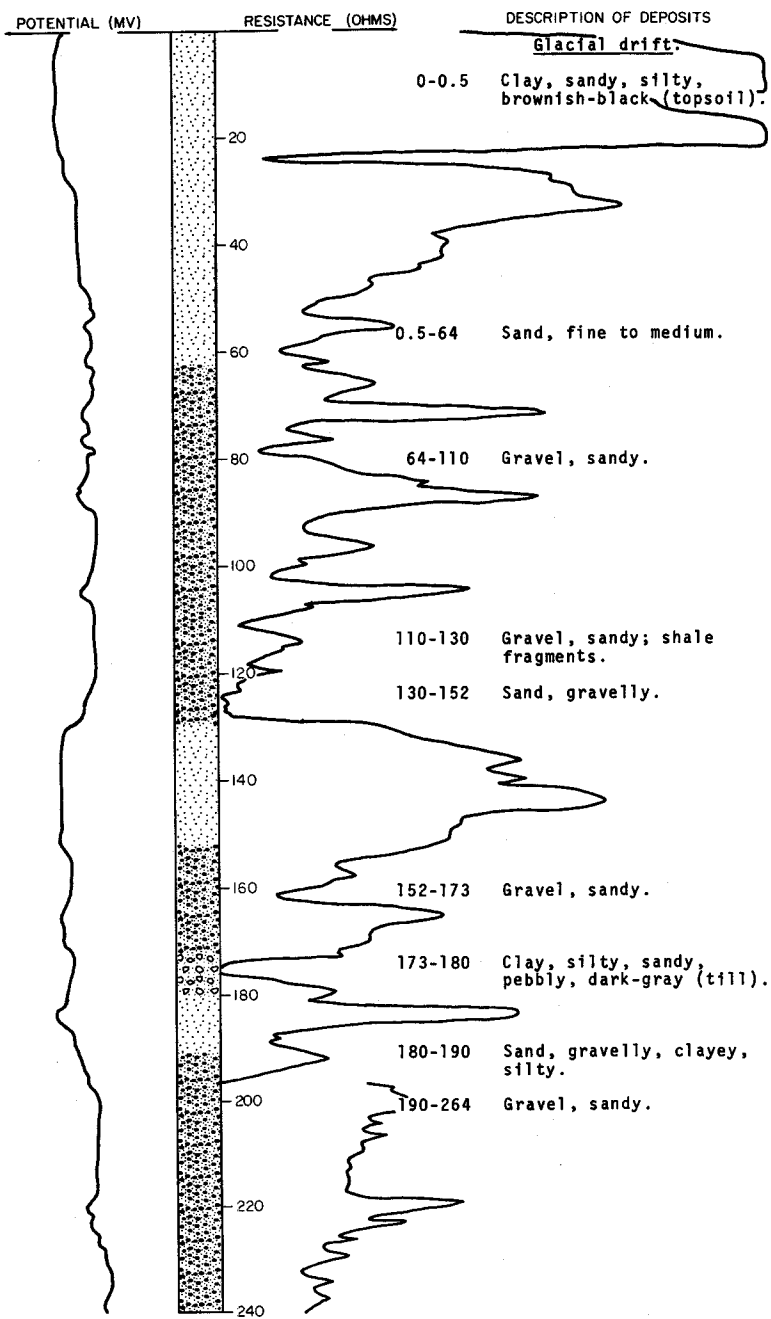
NDSWC 5337

LOCATION: 150-59-27CDD

DATE DRILLED: July 1969

ELEVATION: 1460
(FT, MSL)

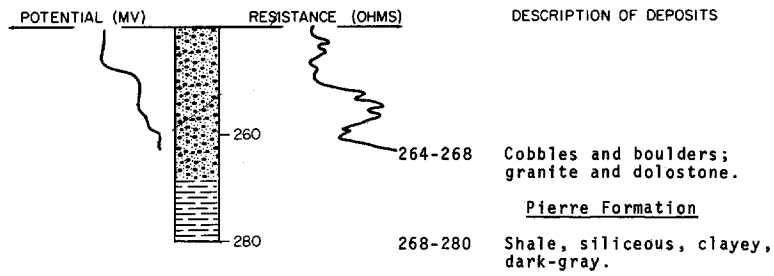
DEPTH: 280
(FT)



LOCATION: 150-59-27CDD
 ELEVATION: 1460
 (FT, MSL)

NDSWC 5337, Continued

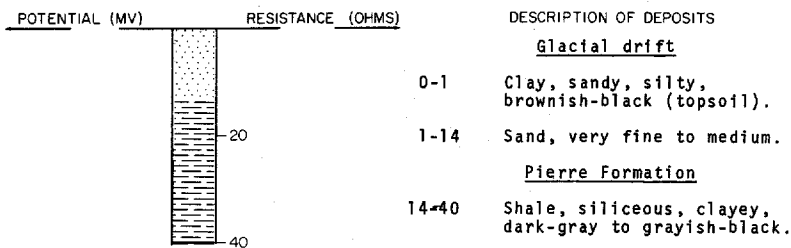
DATE DRILLED: July 1969
 DEPTH: 280
 (FT)



LOCATION: 150-59-28CDD
 ELEVATION: 1465
 (FT, MSL)

NDSWC 5339

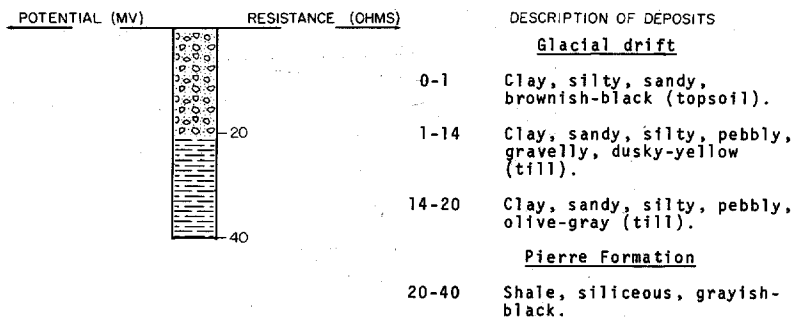
DATE DRILLED: July 1969
 DEPTH: 40
 (FT)



LOCATION: 150-59-31AAA
 ELEVATION: 1463
 (FT, MSL)

NDSWC 5330

DATE DRILLED: June 1969
 DEPTH: 40
 (FT)



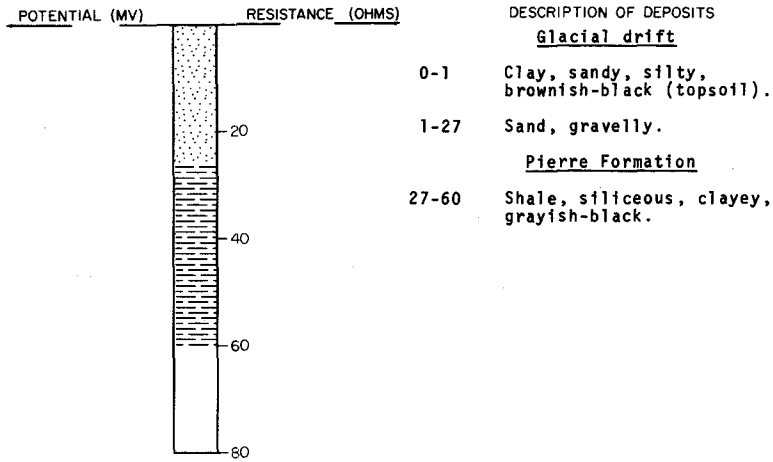
NDSWC 5340

LOCATION: 150-59-34AAA

DATE DRILLED: July 1969

ELEVATION: 1473
(FT, MSL)

DEPTH: 60
(FT)



150-59-35CBA
(Log from Ringdahl Drilling)

Elevation: 1465 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------------|-------------------------|---------------------|
| | Fine sand----- | 88 | 88 |
| | Shaly sand----- | 2 | 90 |
| | Very fine sand----- | 26 | 116 |
| | Sand, water-bearing----- | 29 | 145 |

150-60-2BBB
(Log from U.S. Air Force)

Elevation: 1470 ft

| | | | |
|-----------------------|--|----|----|
| Glacial drift: | | | |
| | Clay, silty, sandy, moderate-olive-brown (till)----- | 14 | 14 |
| | Clay, silty, sandy, olive-gray (till)--- | 7 | 21 |
| | Gravel, subrounded shale fragments with angular quartz sand----- | 14 | 35 |
| Pierre Shale: | | | |
| | Shale, extremely hard, brittle----- | 2 | 37 |

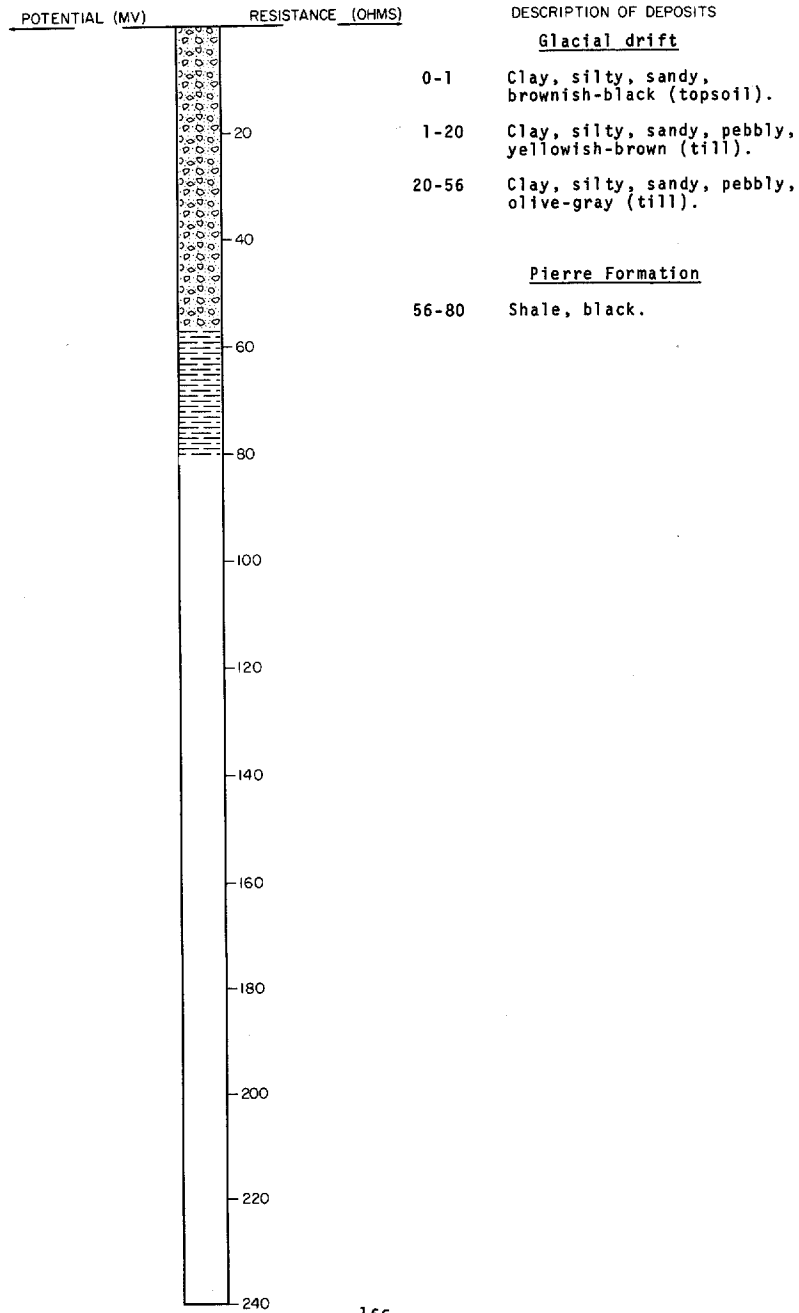
NDSWC 2978

LOCATION: 150-60-2CCC

DATE DRILLED: June 1968

ELEVATION: 1487
(FT, MSL)

DEPTH: 80
(FT)



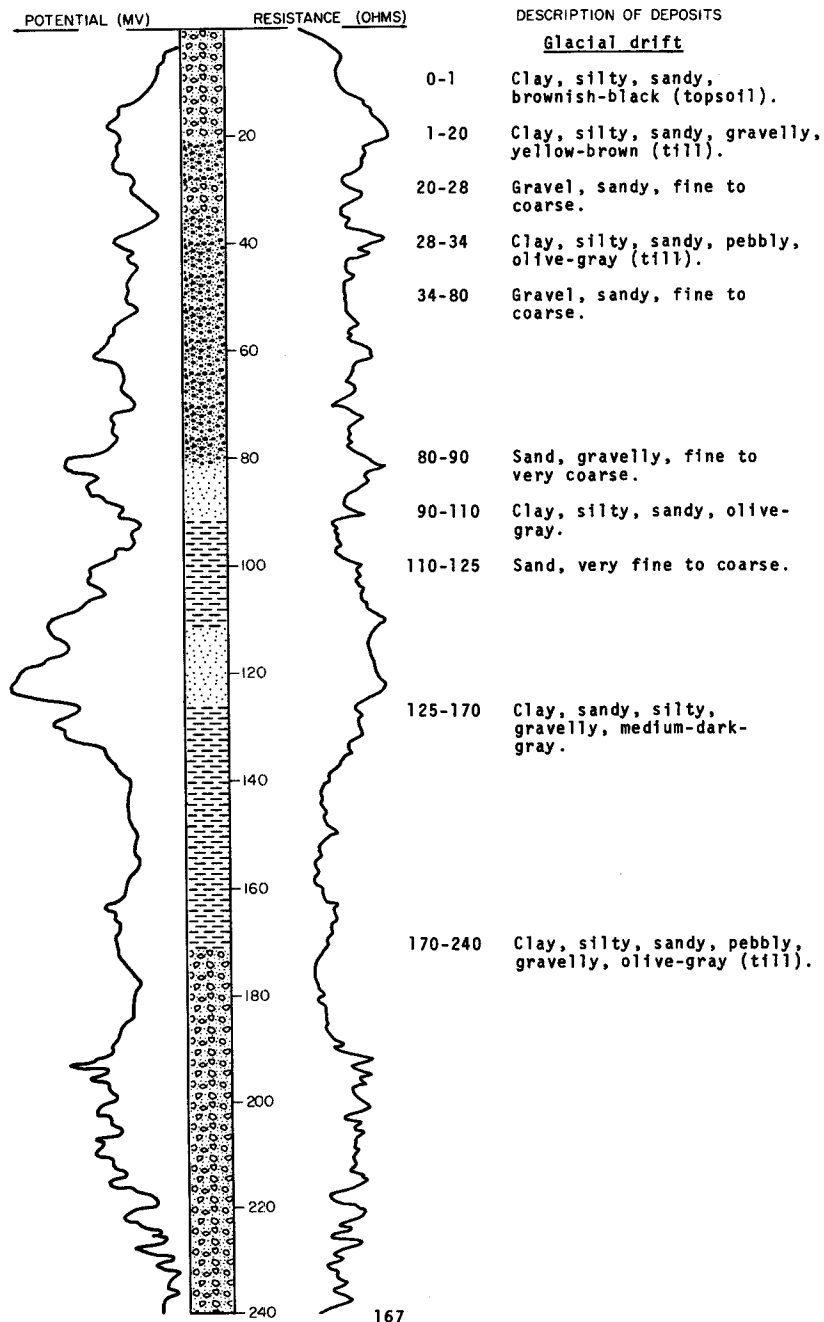
NDSWC 5351

LOCATION: 150-60-5BDB

DATE DRILLED: July 1969

ELEVATION: 1457
(FT, MSL)

DEPTH: 286
(FT)



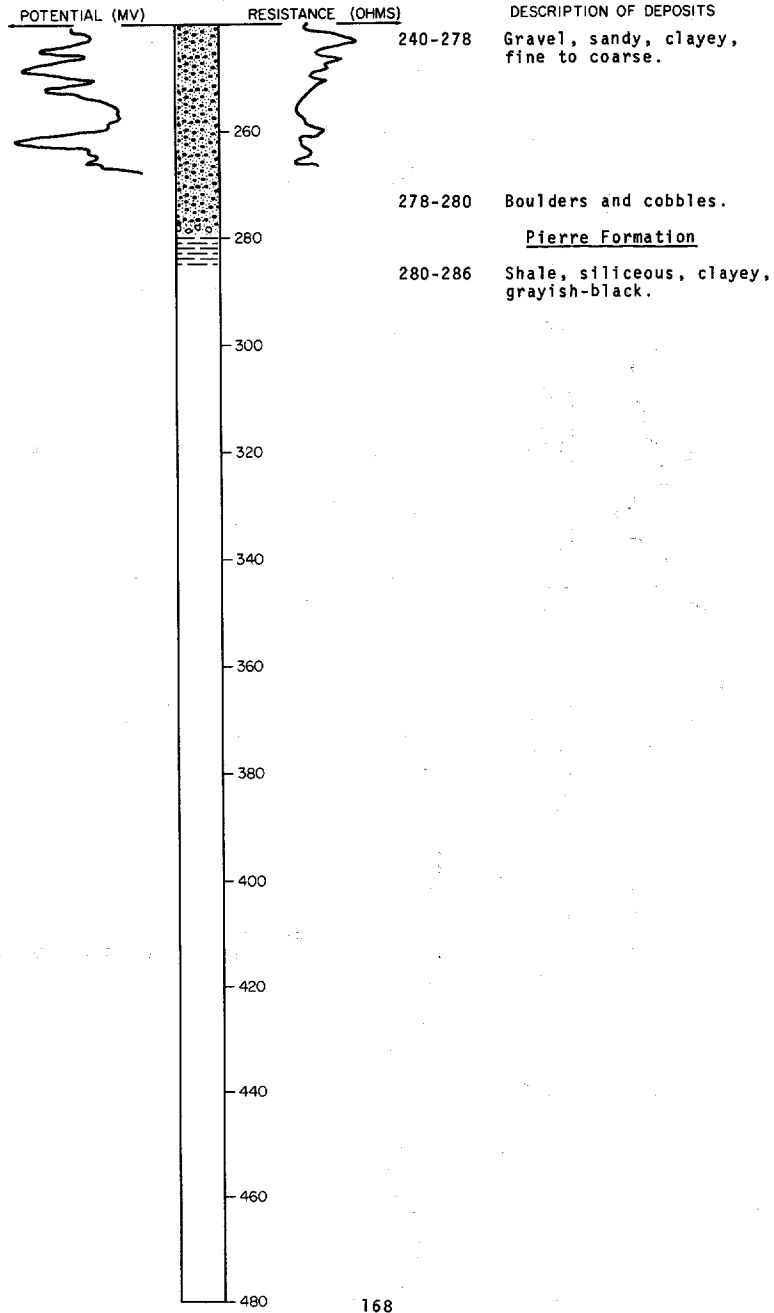
NDSWC 5351, Continued

LOCATION: 150-60-5BDB

DATE DRILLED: July 1969

ELEVATION: 1457
(FT, MSL)

DEPTH: 286
(FT)



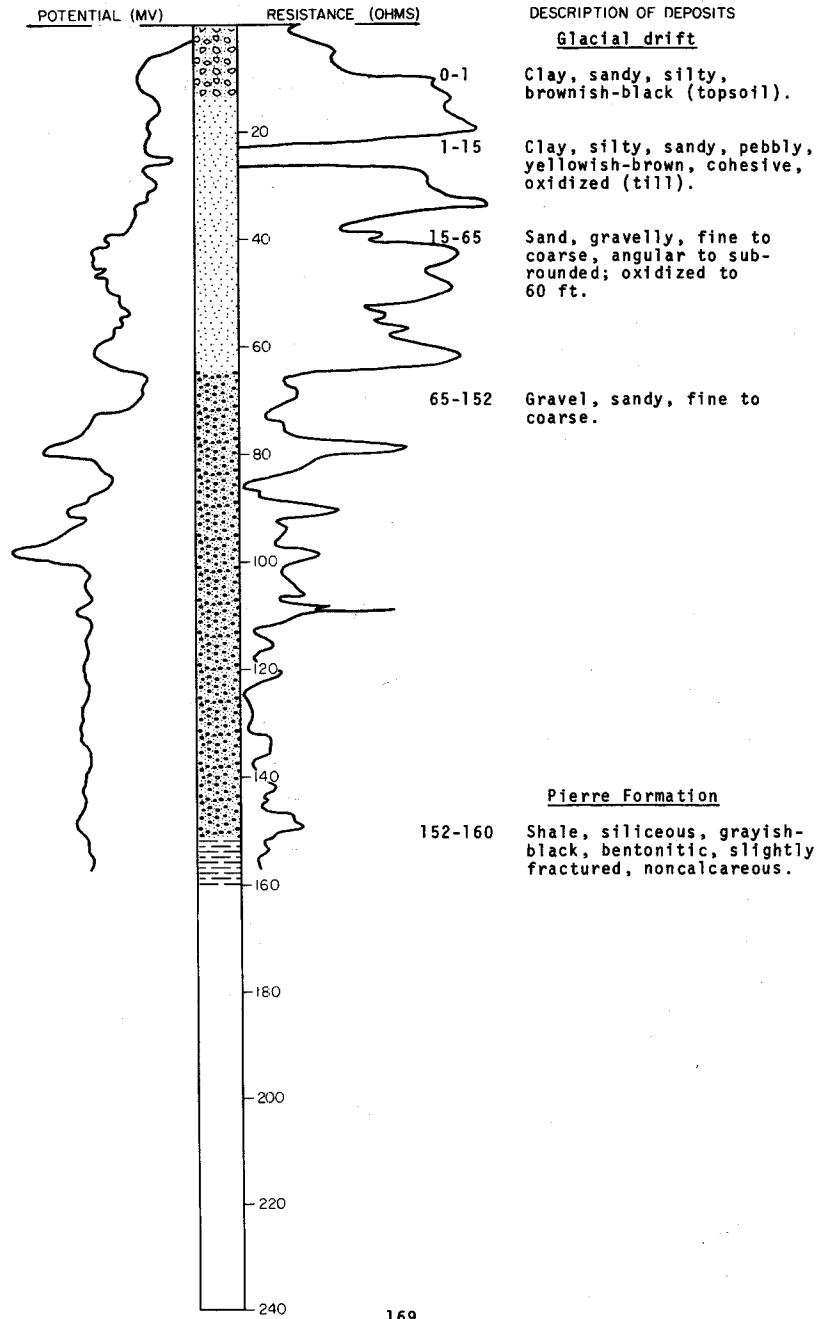
NDSWC 5694

LOCATION: 150-60-9CCC

DATE DRILLED: June 1970

ELEVATION: 1484
(FT, MSL)

DEPTH: 160
(FT)



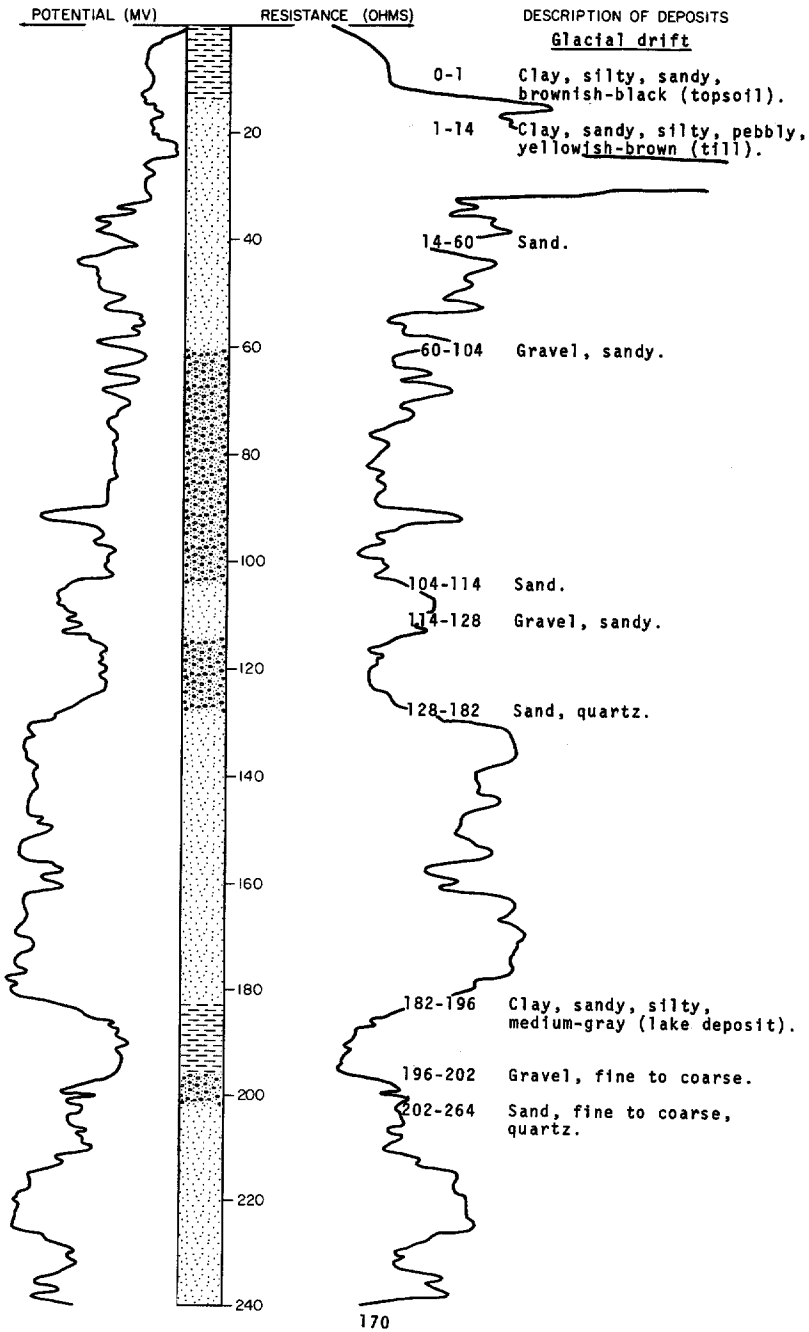
LOCATION: 150-60-9000

NDSWC 2977

DATE DRILLED: June 1968

ELEVATION: 1483
(FT, MSL)

DEPTH: 340
(FT)



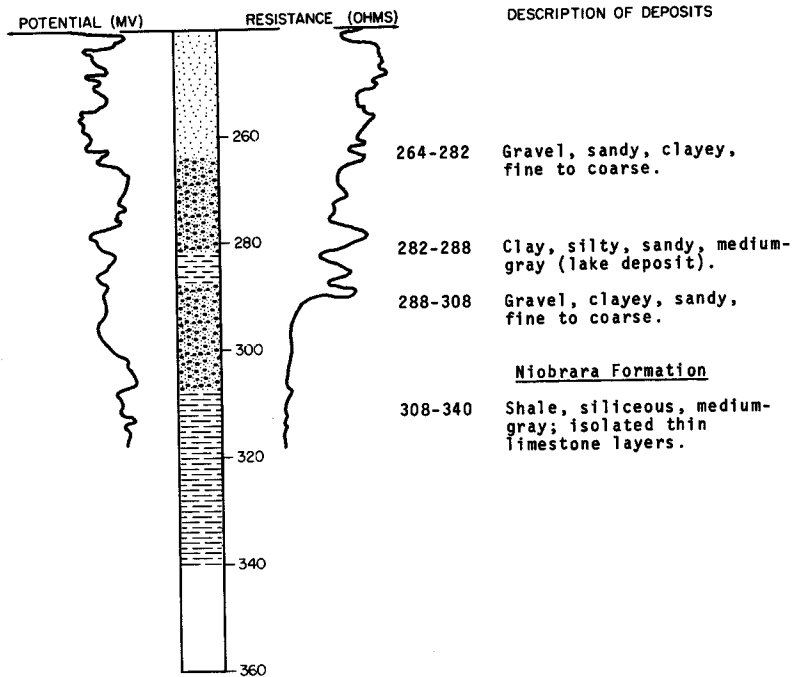
NDSWC 2977, Continued

LOCATION: 150-60-9DDD

DATE DRILLED: June 1968

ELEVATION: 1483
(FT, MSL)

DEPTH: 340
(FT)



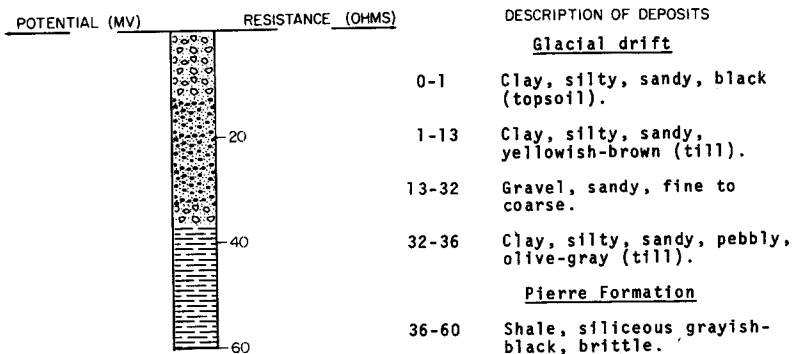
NDSWC 5348

LOCATION: 150-60-12DDD

DATE DRILLED: July 1969

ELEVATION: 1448
(FT, MSL)

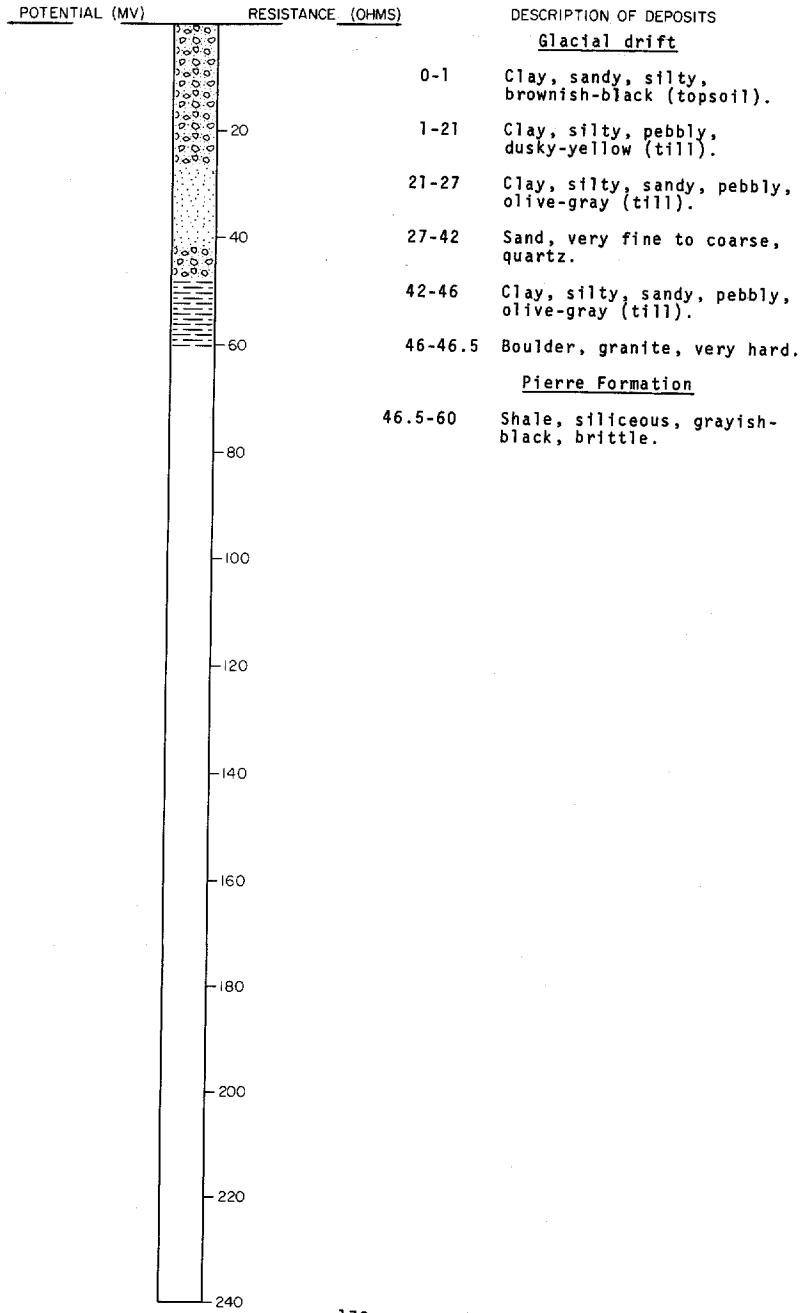
DEPTH: 60
(FT)



LOCATION: 150-60-15AAA
ELEVATION: 1490
(FT, MSL)

NDSWC 5347

DATE DRILLED: July 1969
DEPTH: 60
(FT)

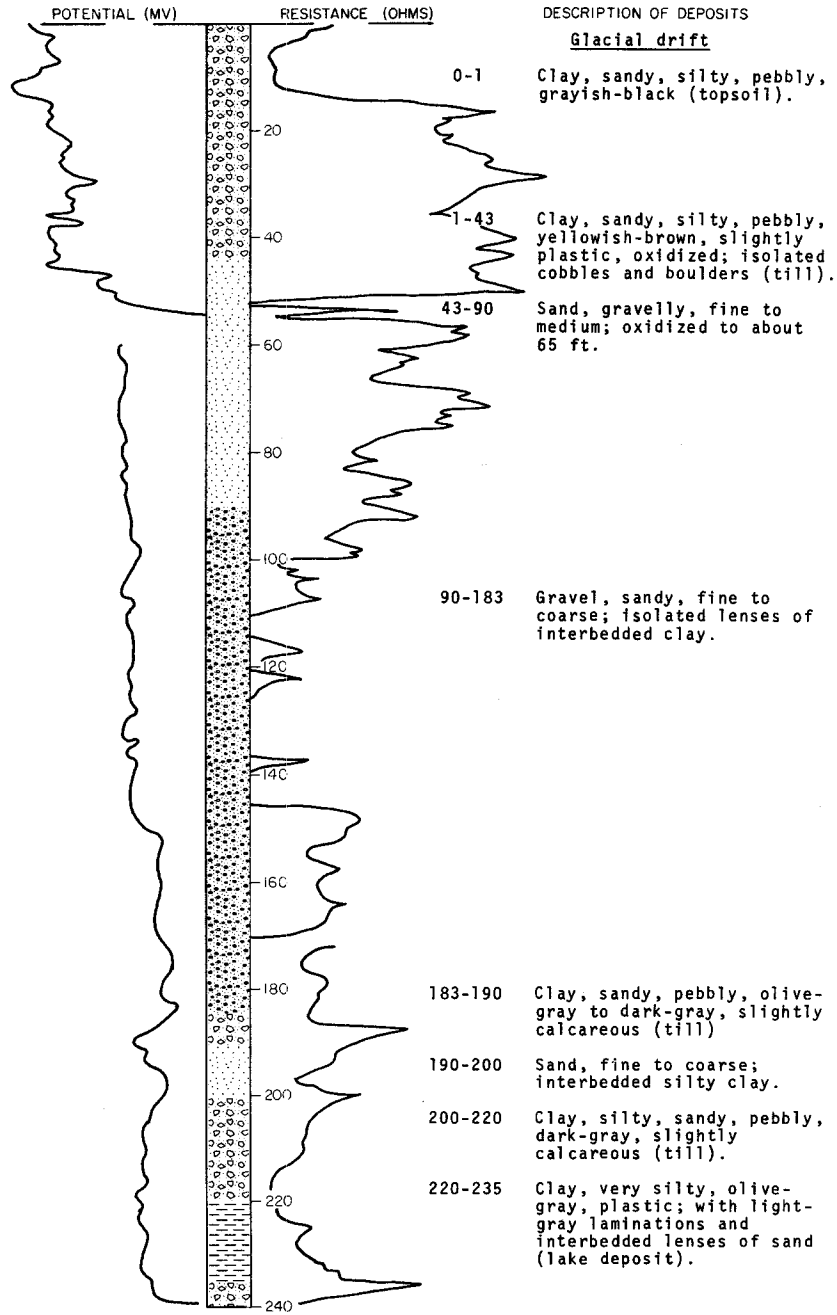


LOCATION: 150-60-150AA

DATE DRILLED: June 1970

ELEVATION: 1487
(FT, MSL)

DEPTH: 340
(FT)

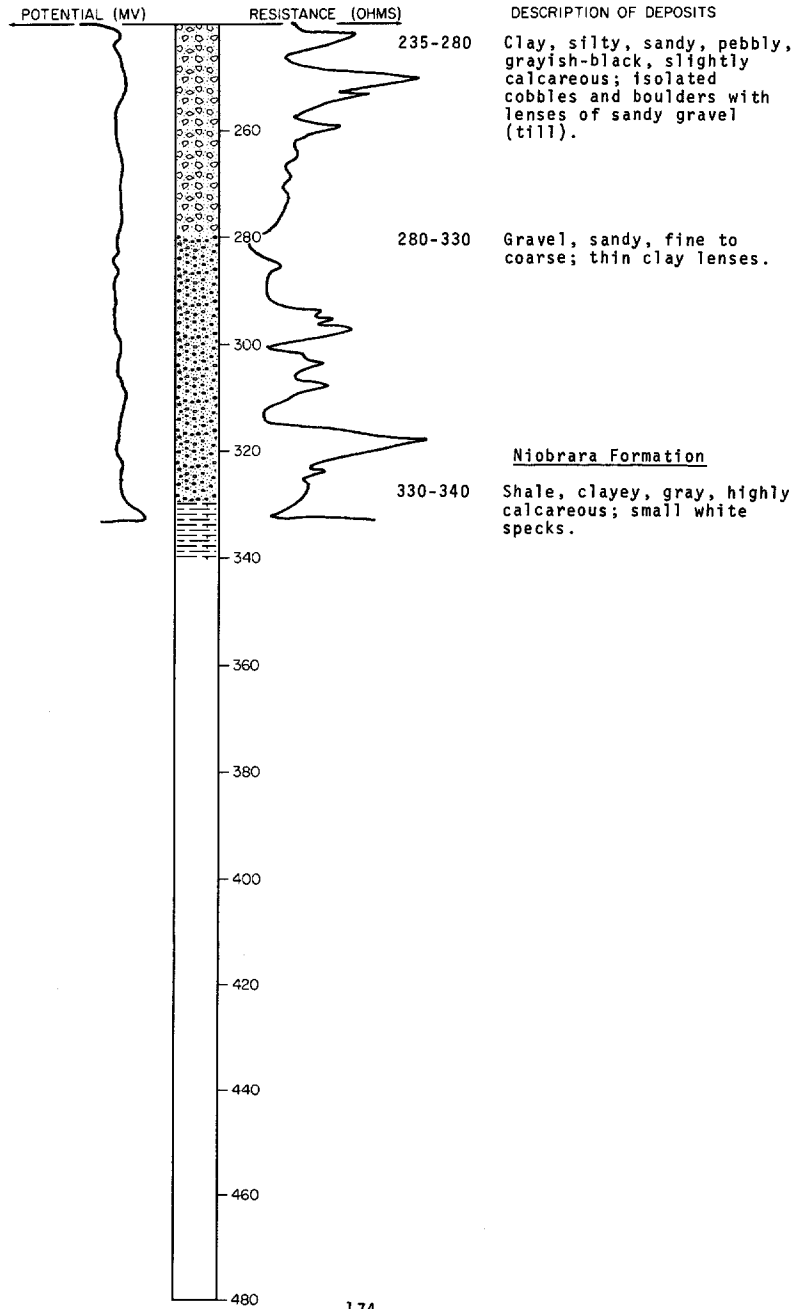


LOCATION: 150-60-15DAA

DATE DRILLED: June 1970

ELEVATION: 1487
(FT, MSL)

DEPTH: 340
(FT)



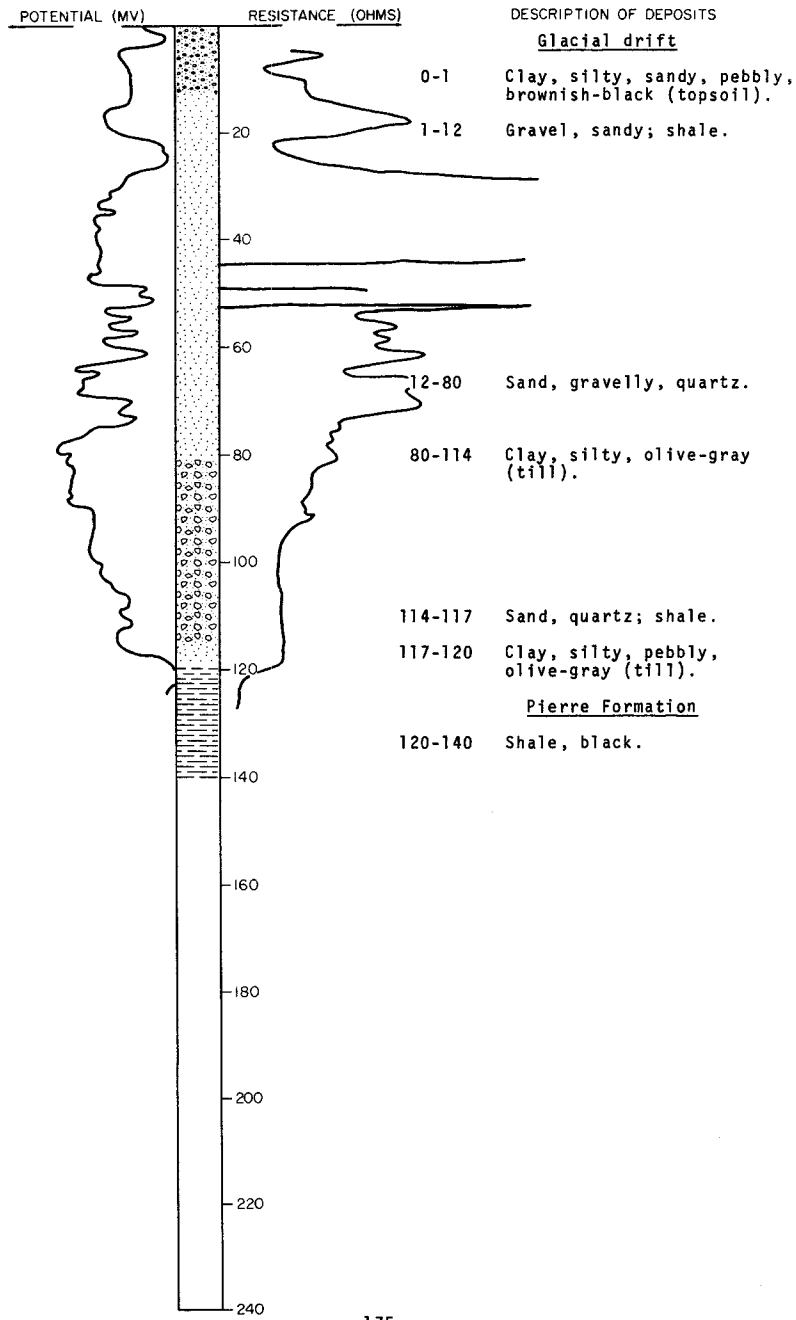
NDSWC 2975

LOCATION: 150-60-17CCC

DATE DRILLED: June 1968

ELEVATION: 1475
(FT, MSL)

DEPTH: 140
(FT)

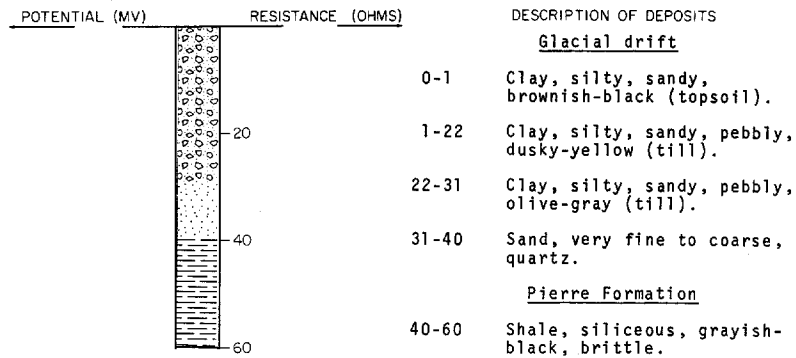


150-60-19ADD
NDGS N39

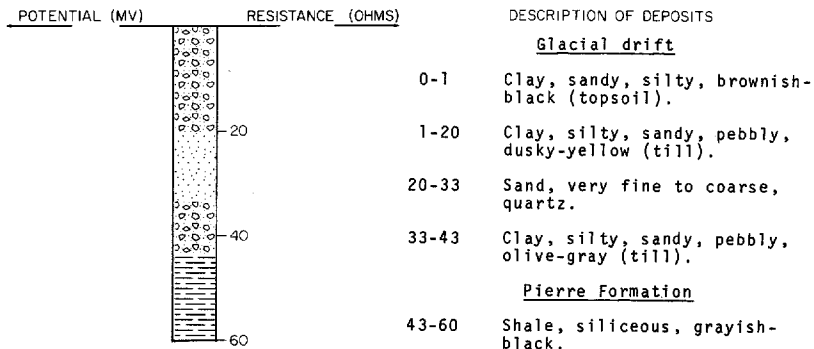
Elevation: 1425 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|----------------------------|-------------------------|---------------------|
| | Silt, sandy, gravelly----- | 3 | 3 |
| | Gravel, sandy----- | 7 | 10 |

LOCATION: 150-60-22AAA NDSWC 5346 DATE DRILLED: July 1969
 ELEVATION: 1482 DEPTH: 60
 (FT, MSL) (FT)



LOCATION: 150-60-23CCC NDSWC 5345 DATE DRILLED: July 1969
 ELEVATION: 1485 DEPTH: 60
 (FT, MSL) (FT)



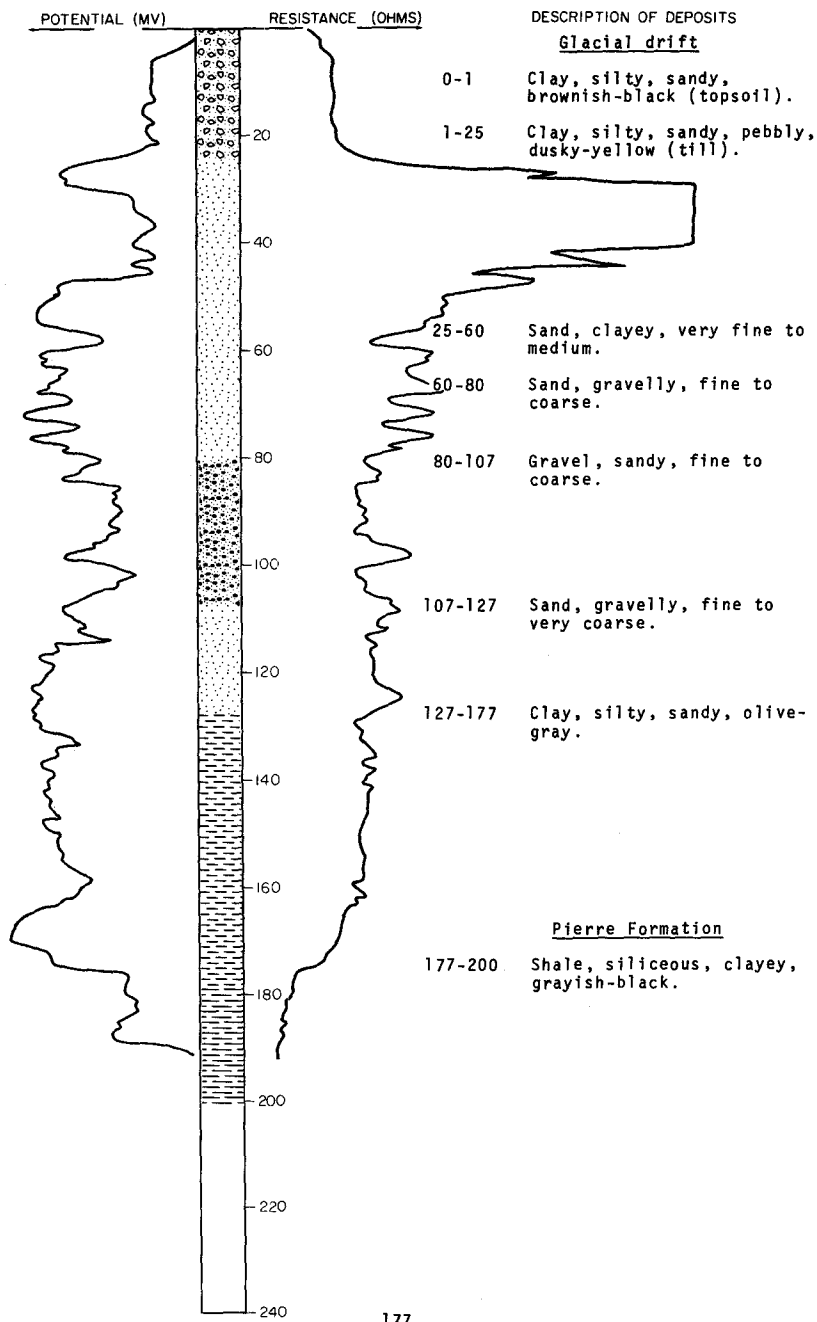
LOCATION: 150-60-24AAA

NDSWC 5349

DATE DRILLED: July 1969

ELEVATION: 1489
(FT, MSL)

DEPTH: 200
(FT)



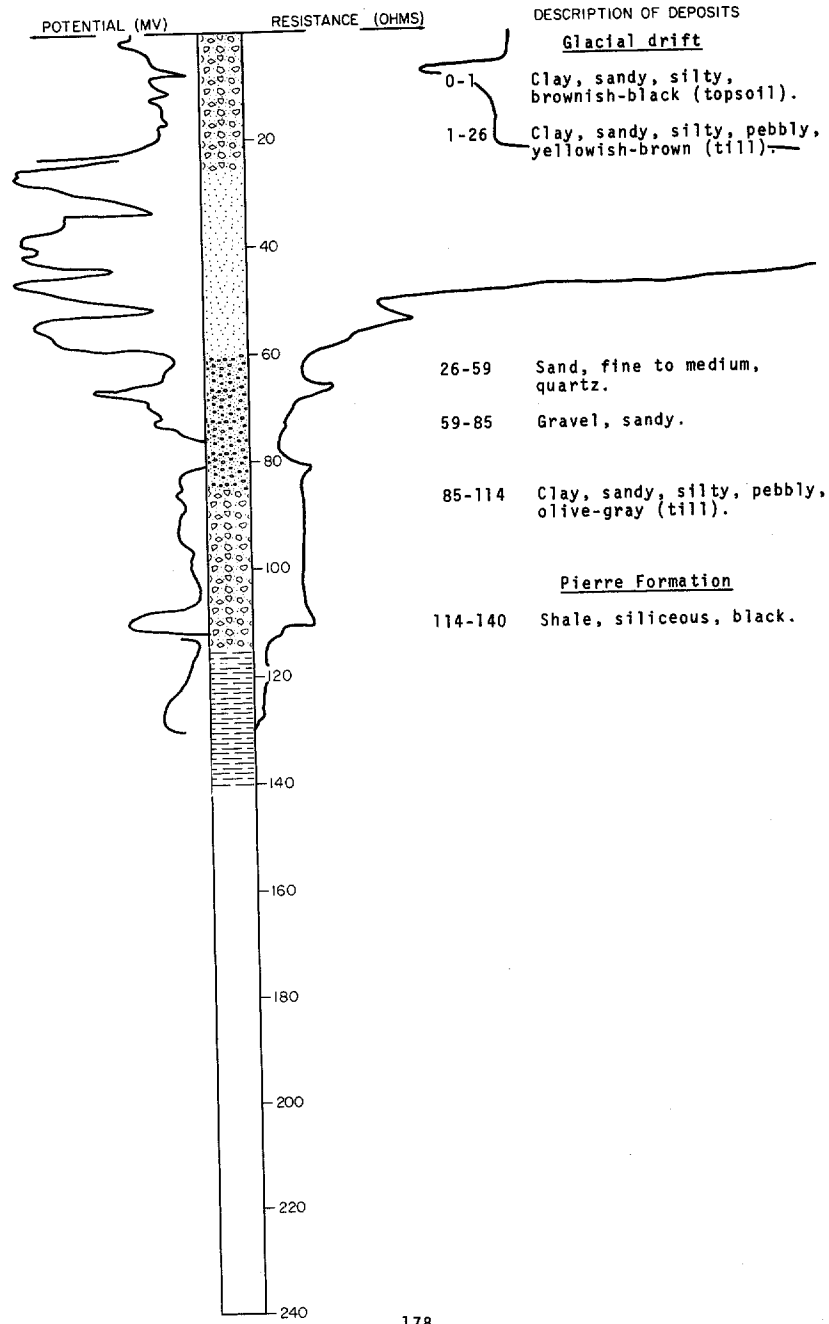
NDSWC 2988

LOCATION: 150-60-24CCC

DATE DRILLED: June 1968

ELEVATION: 1494
(FT, MSL)

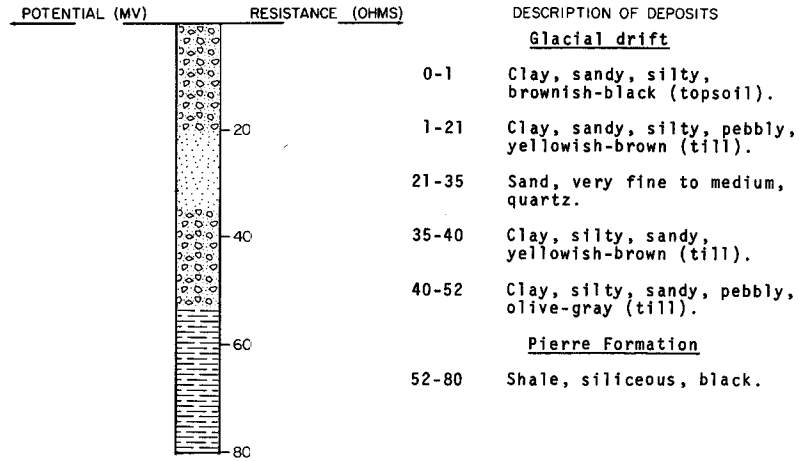
DEPTH: 140
(FT)



LOCATION: 150-60-25AAA
 ELEVATION: 1470
 (FT, MSL)

NDSWC 2989

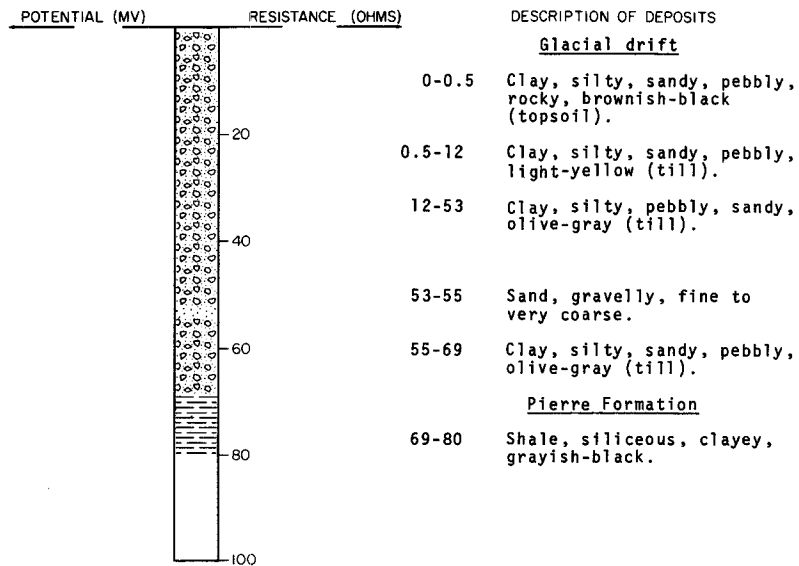
DATE DRILLED: August 1969
 DEPTH: 80
 (FT)



LOCATION: 150-60-28CBB
 ELEVATION: 1385
 (FT, MSL)

NDSWC 5369

DATE DRILLED: August 1969
 DEPTH: 80
 (FT)



150-60-28CCB
NDGS N40

Elevation: 1425 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------------|-------------------------|---------------------|
| | Gravel, coarse----- | 6 | 6 |
| | Loam, gravelly, unoxidized----- | 4 | 10 |

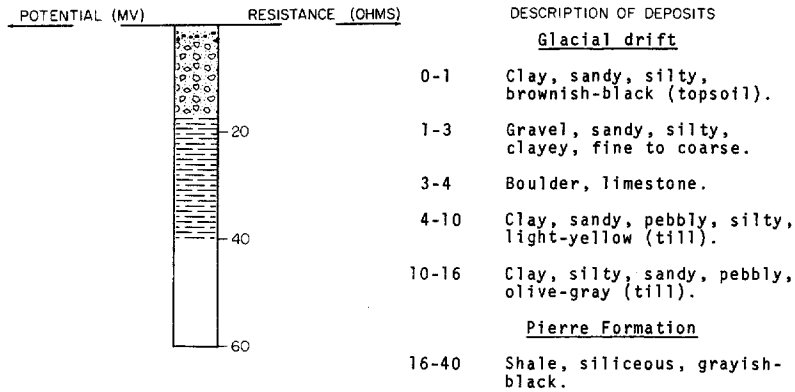
LOCATION: 150-60-35BBB

NDSWC 5329

DATE DRILLED: June 1969

ELEVATION: 1456
(FT, MSL)

DEPTH: 40
(FT)



150-61-2BBB
(Log from U.S. Bureau of Reclamation)

Elevation: 1459 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------|-------------------------|---------------------|
| | Loam----- | 1 | 1 |
| | Clayey loam----- | 1 | 2 |
| | Gravel----- | 9 | 11 |
| | Shale (Pierre Formation)----- | 1 | 12 |

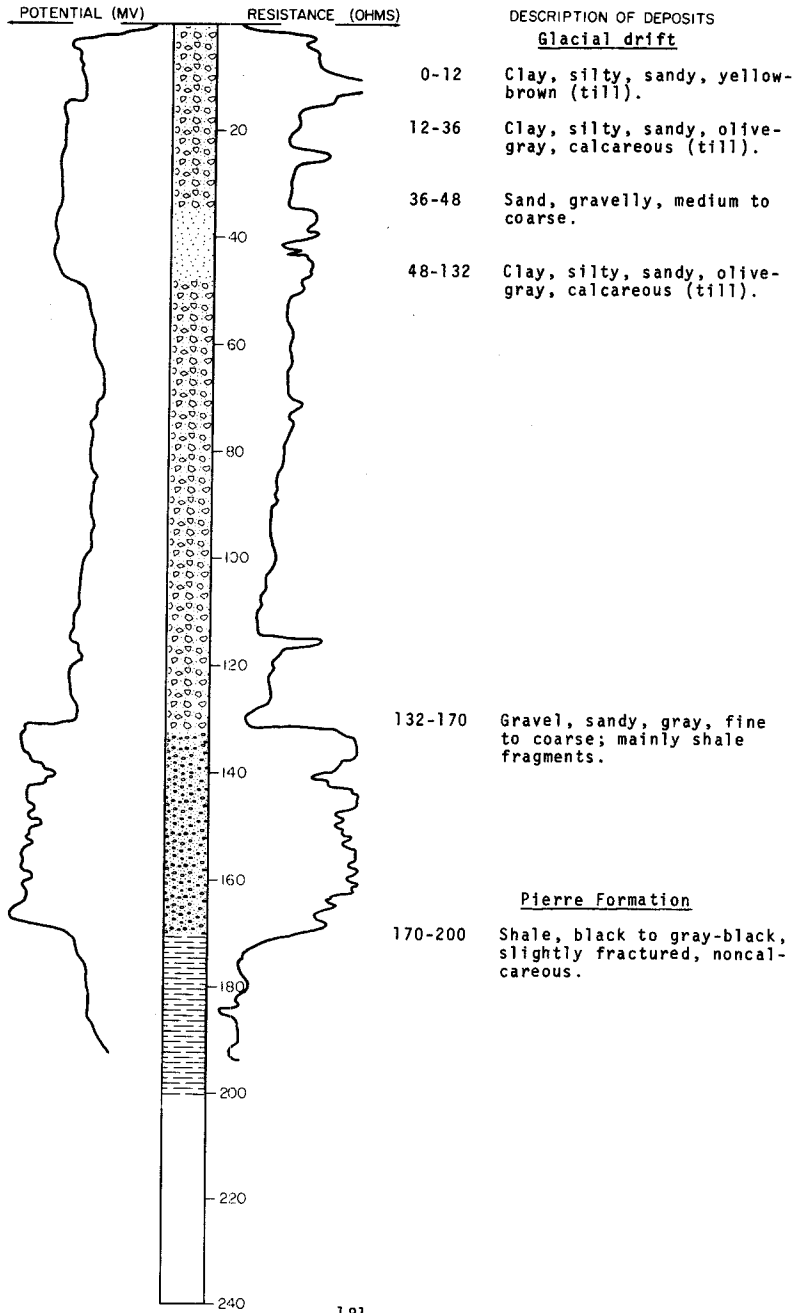
LOCATION: 150-61-5DDD

NDSWC 2997

DATE DRILLED: June 1968

ELEVATION: 1457
(FT, MSL)

DEPTH: 200
(FT)

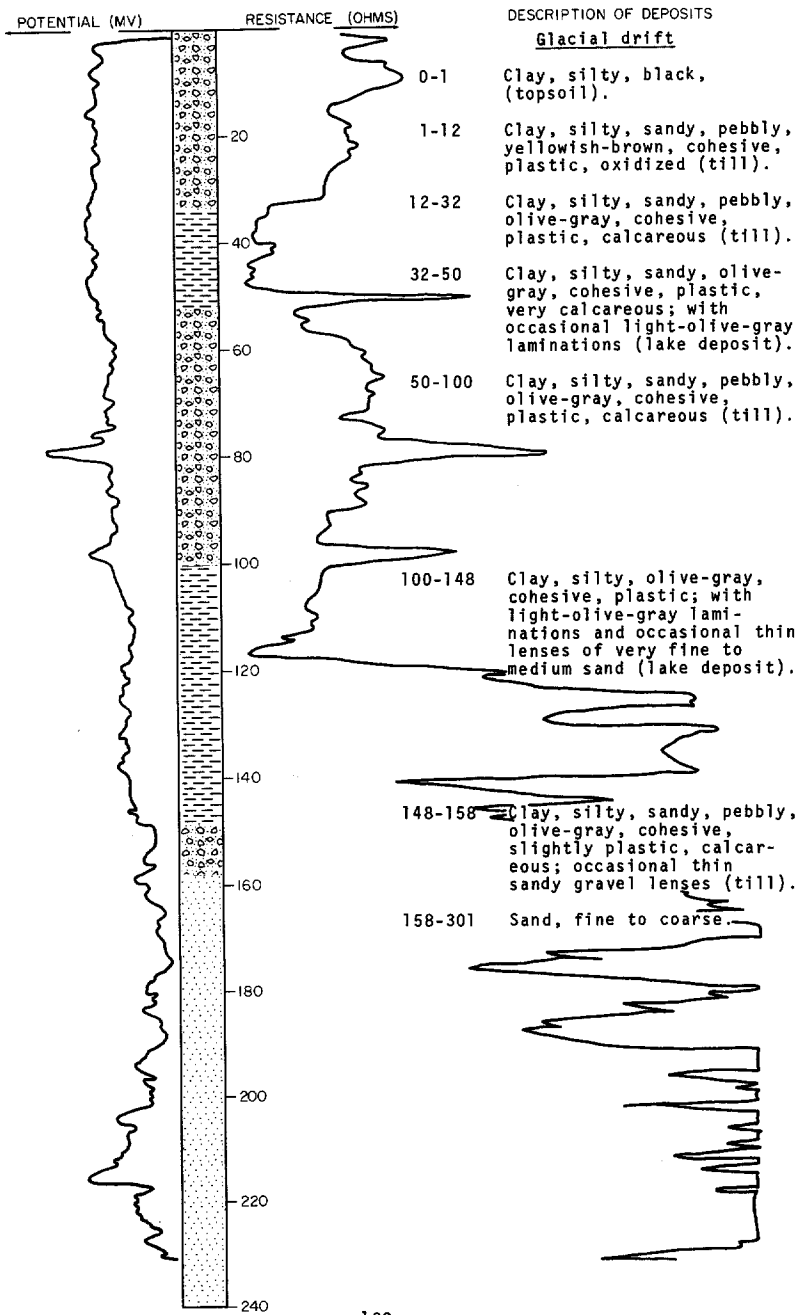


LOCATION: 150-61-6888

DATE DRILLED: July 1969

ELEVATION: 1466
(FT, MSL)

DEPTH: 320
(FT)



NDSWC 5363, Continued

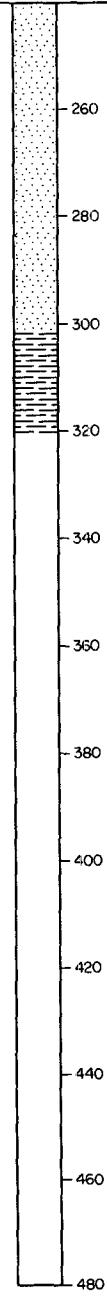
LOCATION: 150-61-6BBB

DATE DRILLED: July 1969

ELEVATION: 1466
(FT, MSL)

DEPTH: 320
(FT)

POTENTIAL (MV) RESISTANCE (OHMS) DESCRIPTION OF DEPOSITS



Pierre Formation

301-320 Shale, siliceous, clayey,
medium-dark-gray to grayish-
black, bedded, noncal-
careous.

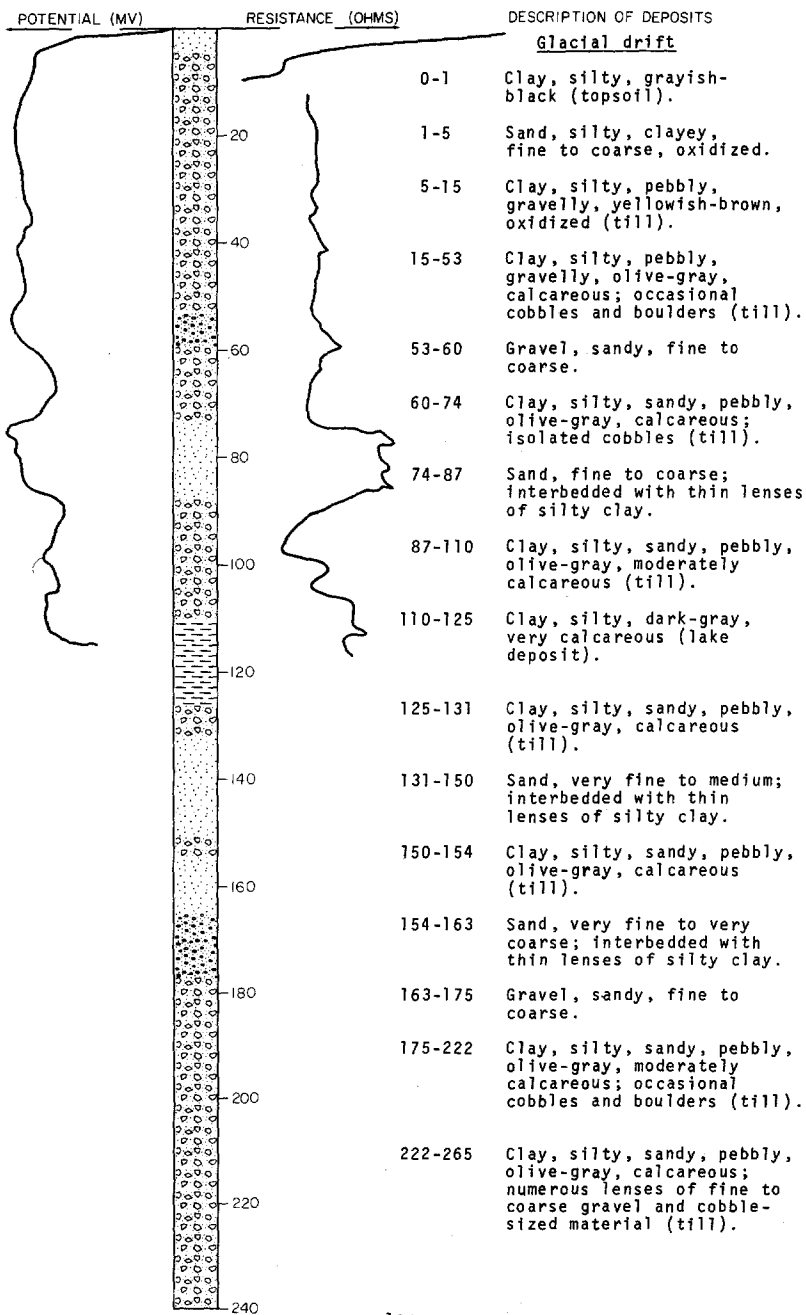
LOCATION: 150-61-6BDD

NDSWC 5547

DATE DRILLED: October 1969

ELEVATION: 1455
(FT, MSL)

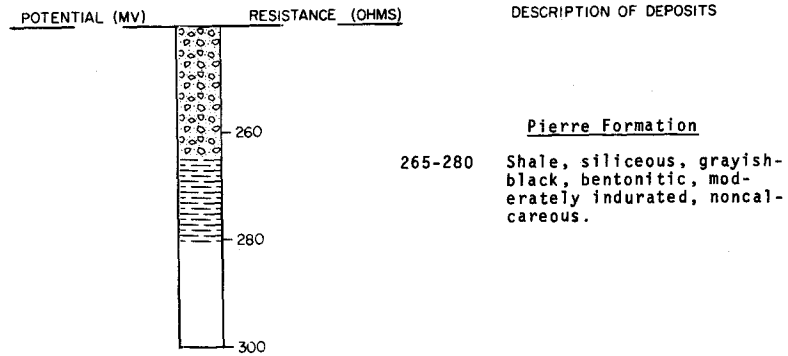
DEPTH: 280
(FT)



LOCATION: 150-61-6BDD
 ELEVATION: 1455
 (FT, MSL)

NDSWC 5547, Continued

DATE DRILLED: October 1969
 DEPTH: 280
 (FT)



150-61-8BBA
 (Log from U.S. Air Force)

Elevation: 1460 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Sand, fine to coarse, with silt and clay lenses----- | 26.5 | 26.5 |
| | Clay, silty----- | 42.5 | 69 |
| | Sand, silty, fine----- | 5 | 74 |
| | Clay, silty----- | 56 | 130 |

150-61-10B8B
 NDGS N30

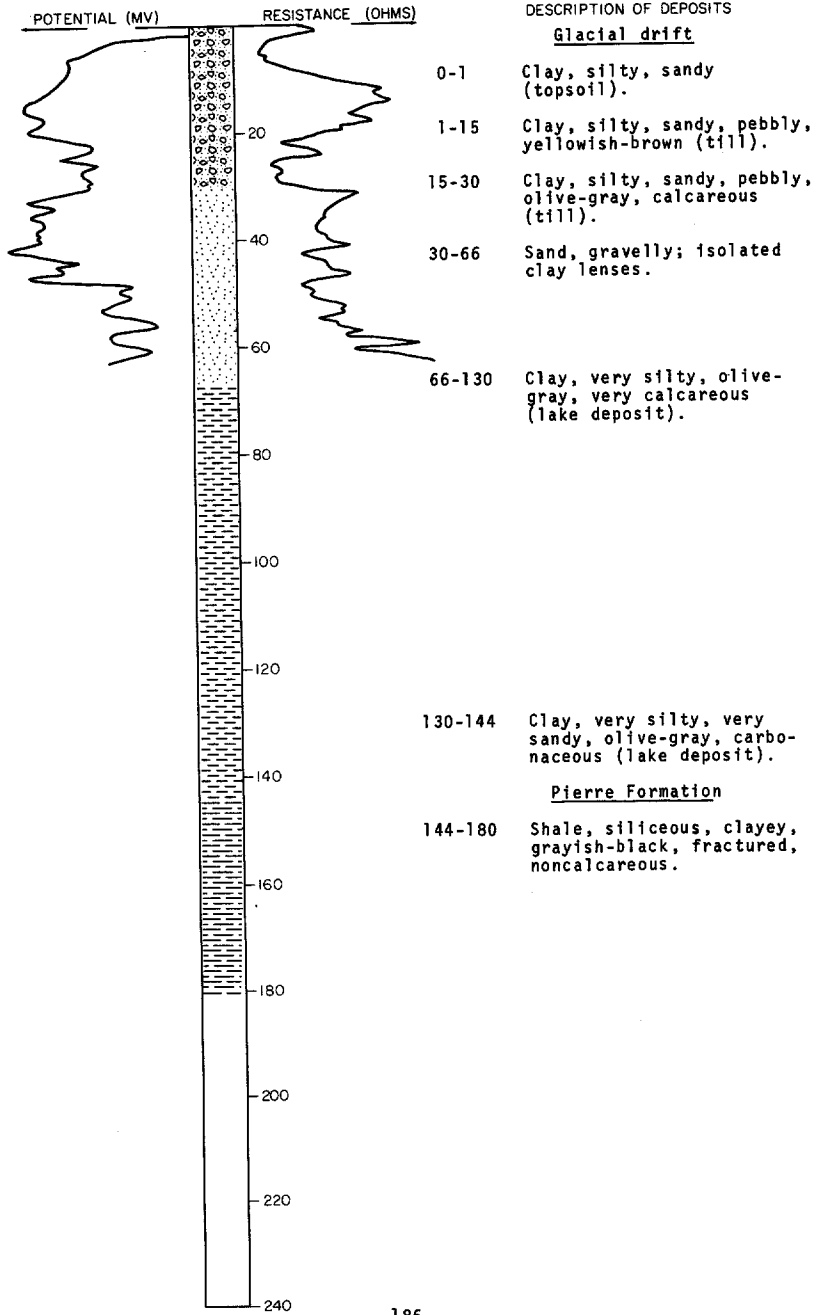
Elevation: 1461 ft

| | | | |
|--|--|---|----|
| | Sand, silty, gravelly, dark-brown----- | 5 | 5 |
| | Sand, silty, moist to wet----- | 2 | 7 |
| | Clay, silty, sandy (till)----- | 3 | 10 |

LOCATION: 150-61-10CCC
 ELEVATION: 1467
 (FT, MSL)

NDSWC 5367

DATE DRILLED: August 1969
 DEPTH: 180
 (FT)



150-61-10DDC
(Log from C. A. Simpson & Son)

Elevation: 1460 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------|-------------------------|---------------------|
| | Silty clay----- | 115 | 115 |
| | Shale----- | 85 | 200 |

150-61-11BBC
(Log from Ringdahl Drilling)

Elevation: 1458 ft

| | | | |
|--|----------------------|-----|-----|
| | Sand and gravel----- | 20 | 20 |
| | Shale----- | 100 | 120 |

150-61-12BBD
(Log from Ringdahl Drilling)

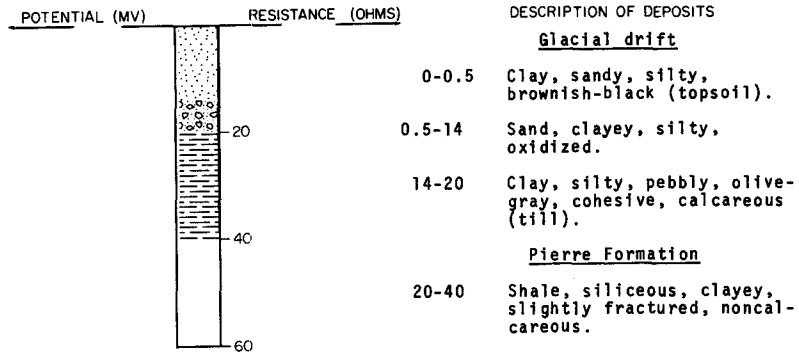
Elevation: 1456 ft

| | | | |
|--|----------------|----|-----|
| | Sand----- | 20 | 20 |
| | Blue clay----- | 10 | 30 |
| | Shale----- | 90 | 120 |

LOCATION: 150-61-14DDA
ELEVATION: 1460
(FT, MSL)

NDSWC 5368

DATE DRILLED: August 1969
DEPTH: 40
(FT)

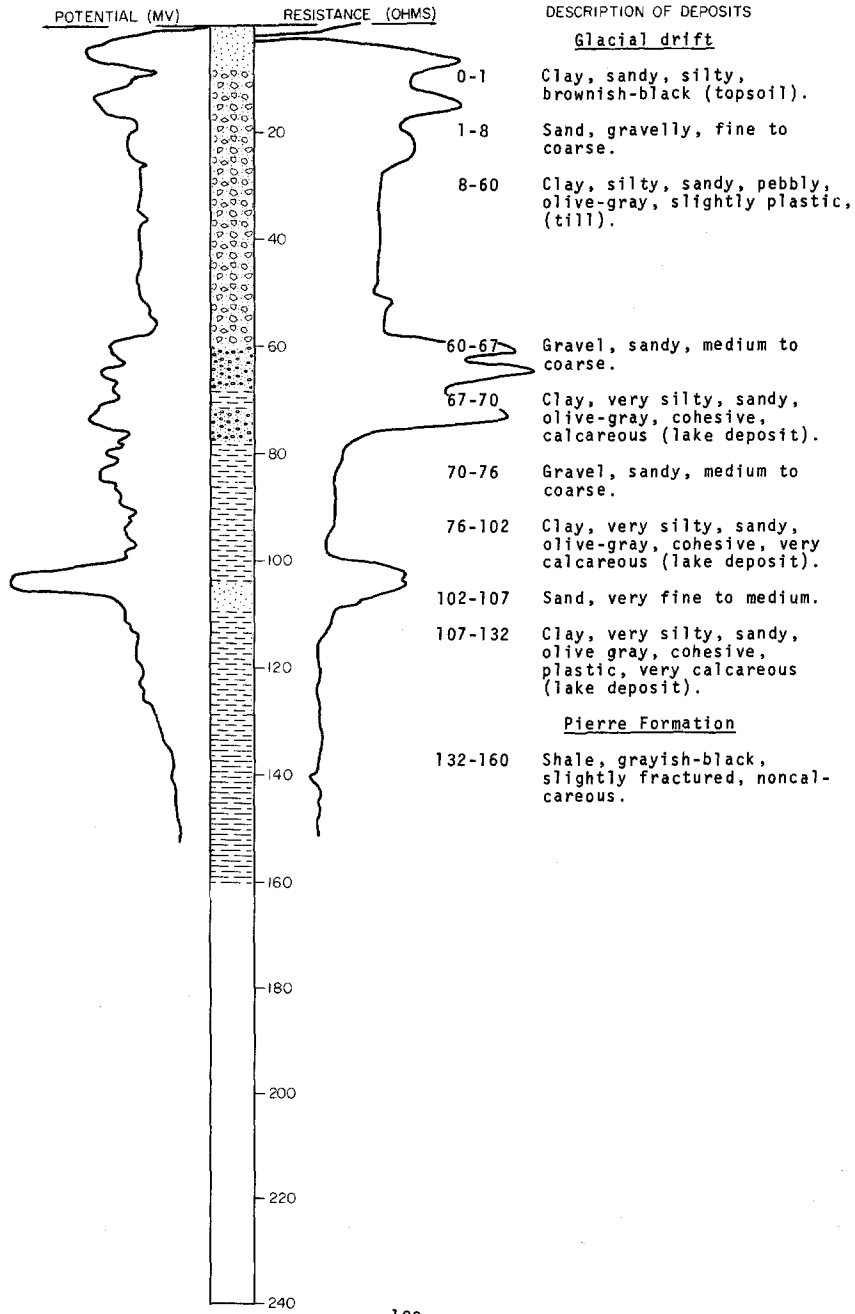


LOCATION: 150-61-15DDA
ELEVATION: 1460
(FT, MSL)

NDSWC 2974

DATE DRILLED: June 1968

DEPTH: 160
(FT)



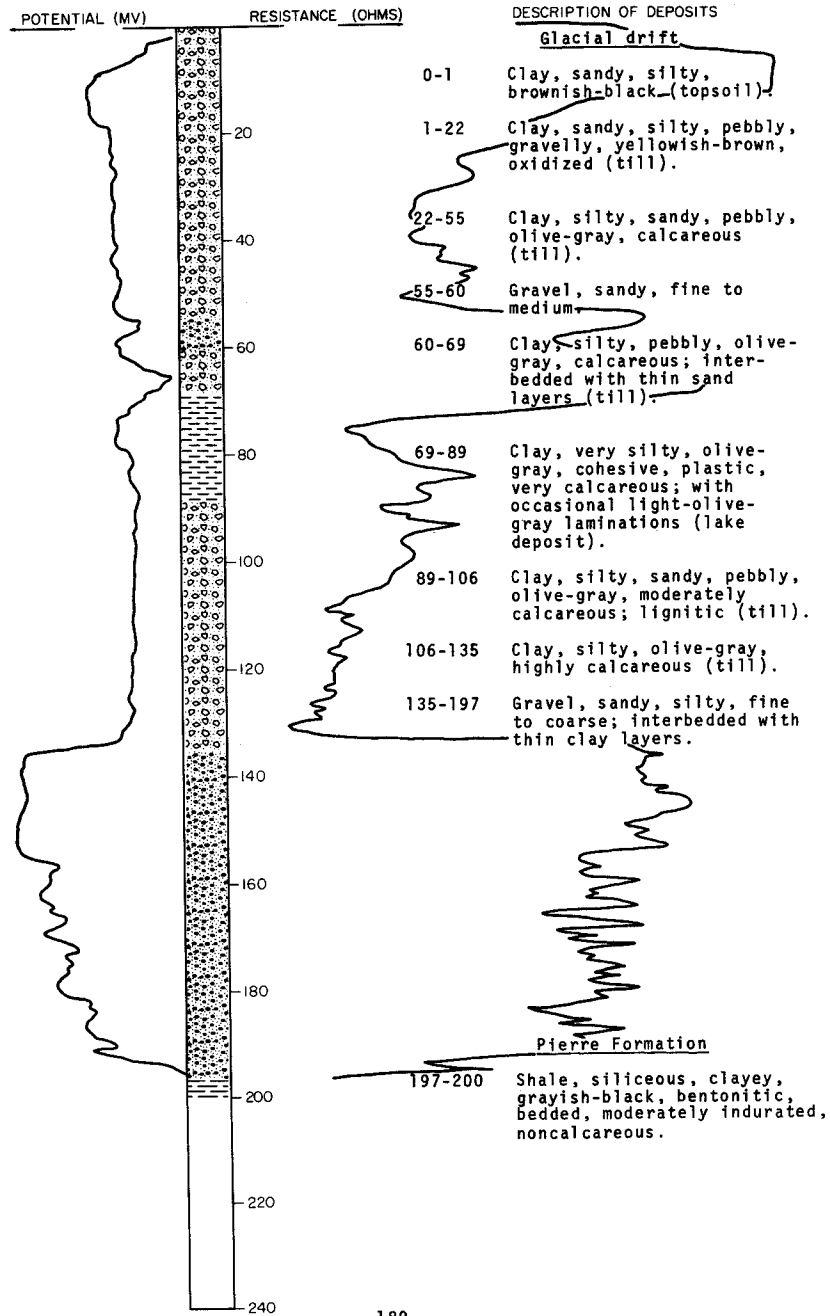
NDSWC 5365

LOCATION: 150-61-17DDD

DATE DRILLED: August 1969

ELEVATION: 1470
(FT, MSL)

DEPTH: 200
(FT)



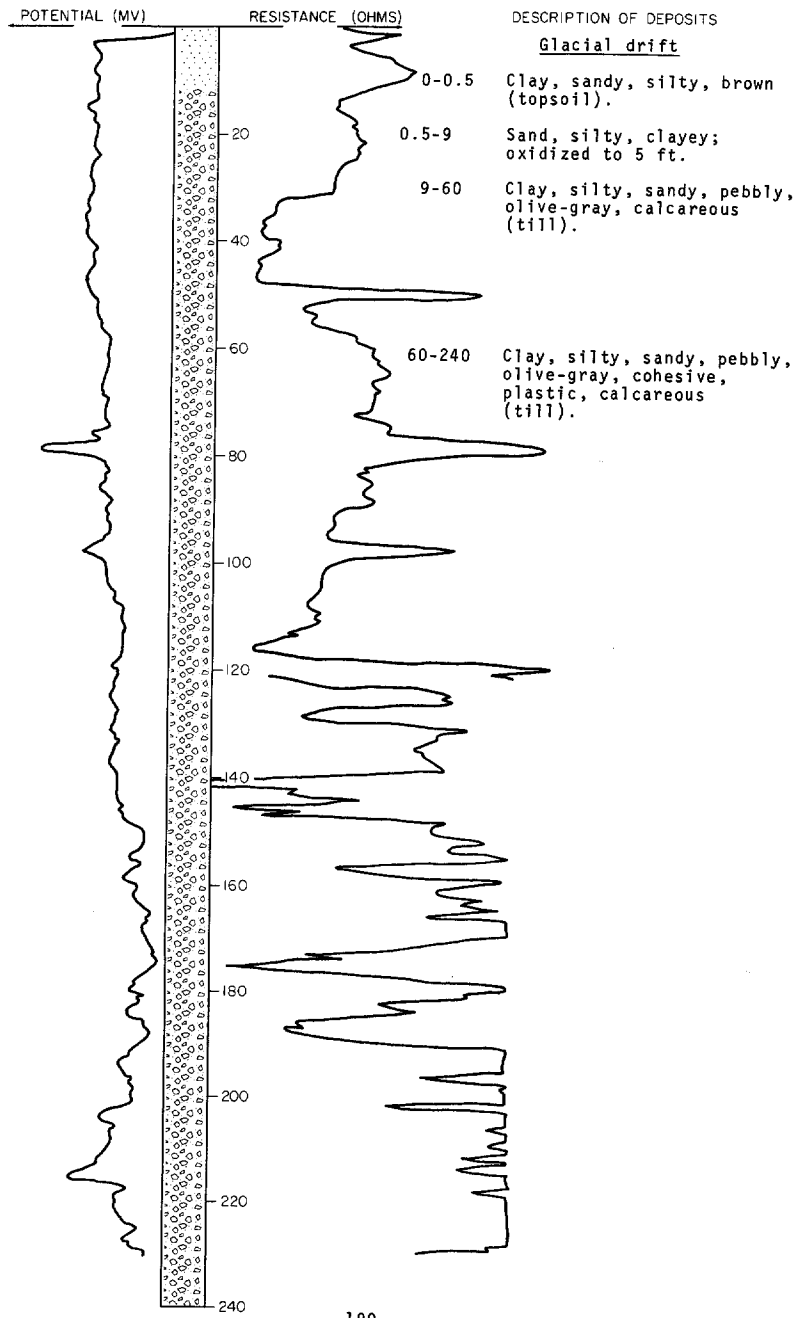
LOCATION: 150-61-188BB

NDSWC 5364

DATE DRILLED: July 1969

ELEVATION: 1460
(FT, MSL)

DEPTH: 300
(FT)



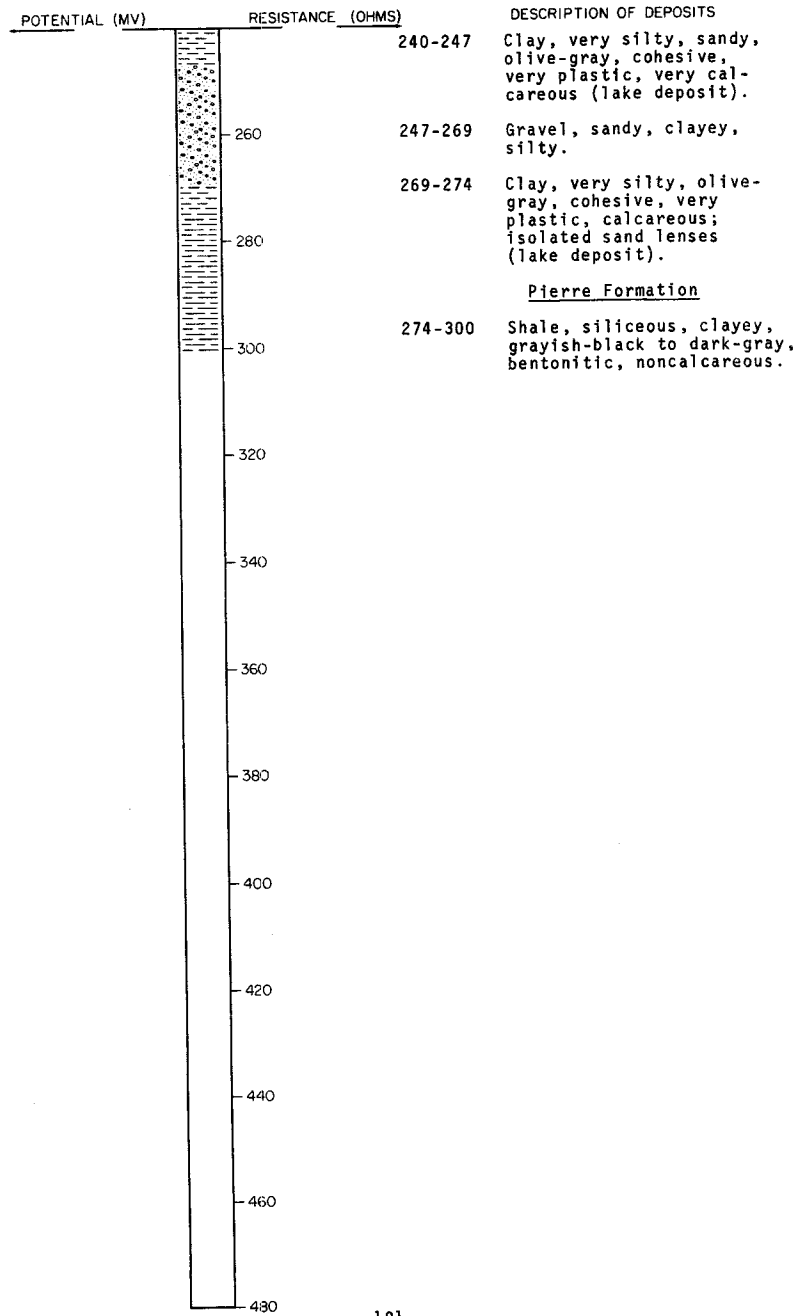
NDSWC 5364, Continued

LOCATION: 150-61-18BBB

DATE DRILLED: July 1969

ELEVATION: 1460
(FT, MSL)

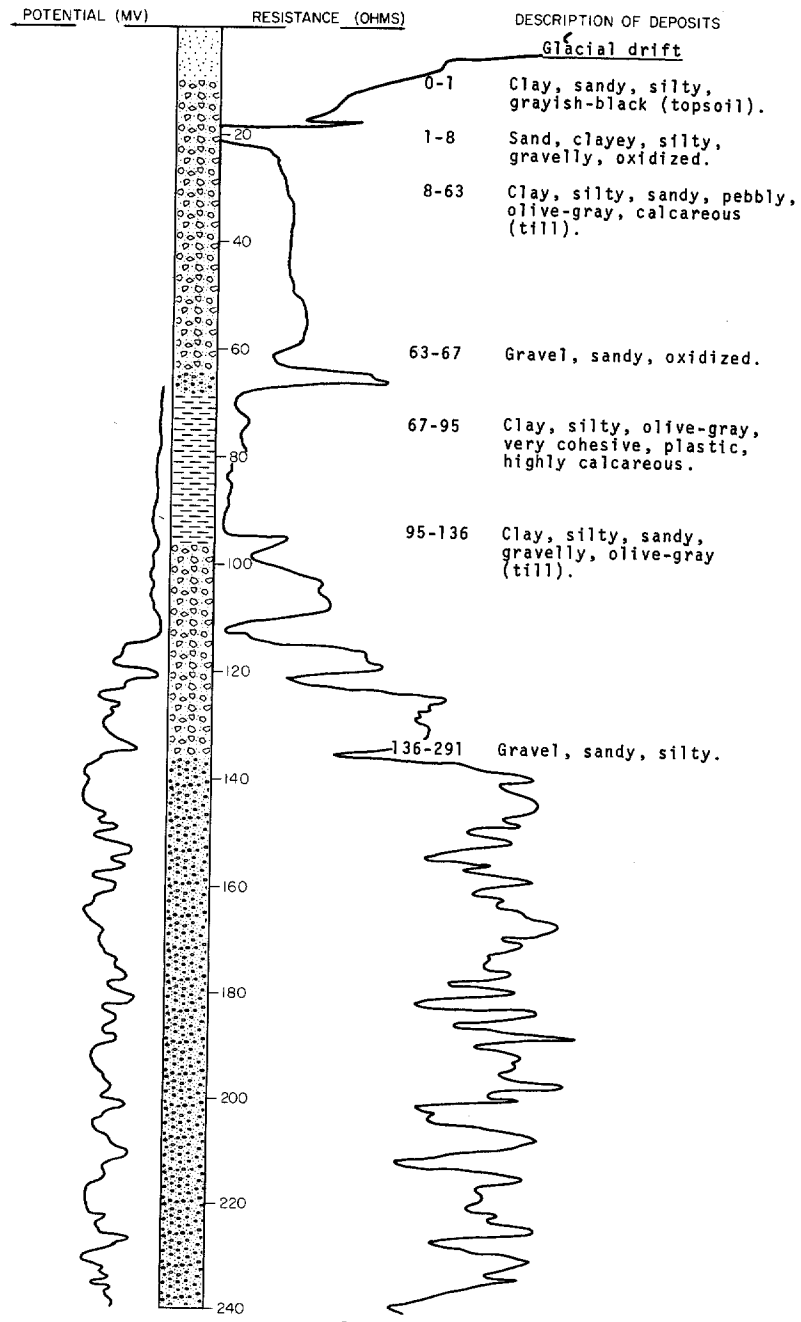
DEPTH: 300
(FT)



LOCATION: 150-61-19888
ELEVATION: 1463
(FT, MSL)

NDSWC 5690

DATE DRILLED: June 1970
DEPTH: 300
(FT)



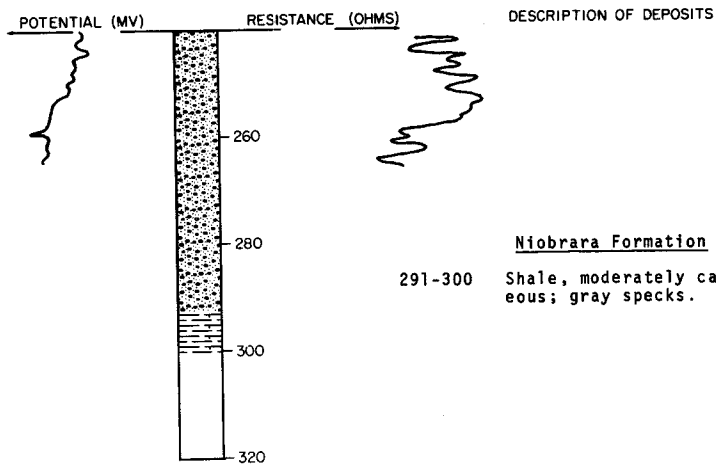
NDSWC 5690, Continued

LOCATION: 150-61-19BBB

DATE DRILLED: June 1970

ELEVATION: 1463
(FT, MSL)

DEPTH: 300
(FT)



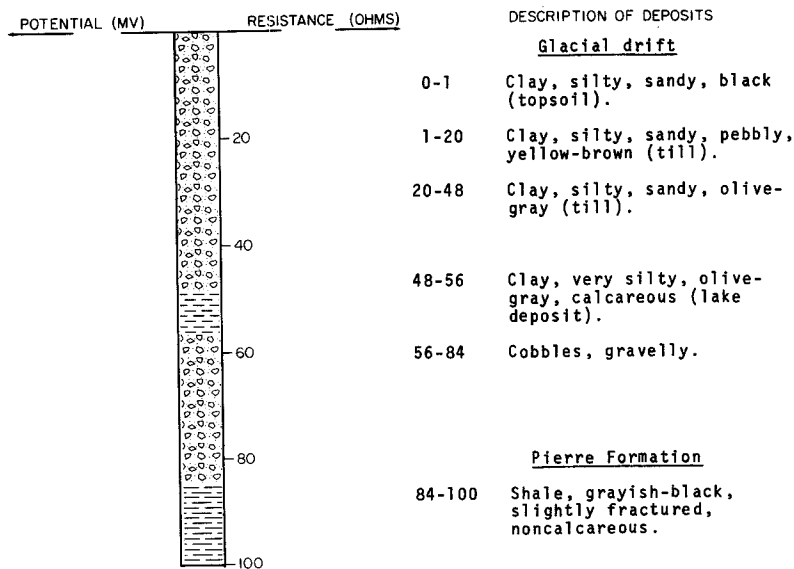
NDSWC 2976

LOCATION: 150-61-25DDD

DATE DRILLED: June 1968

ELEVATION: 1460
(FT, MSL)

DEPTH: 100
(FT)



150-61-26DDD
(Log from Ringdahl Drilling)

Elevation: 1465 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------|-------------------------|---------------------|
| | Yellow clay----- | 20 | 20 |
| | Gravel and rocks----- | 15 | 35 |
| | Blue clay----- | 30 | 65 |
| | Gravel----- | 1 | 66 |
| | Blue clay----- | 17 | 83 |
| | Sand with water----- | 2 | 85 |

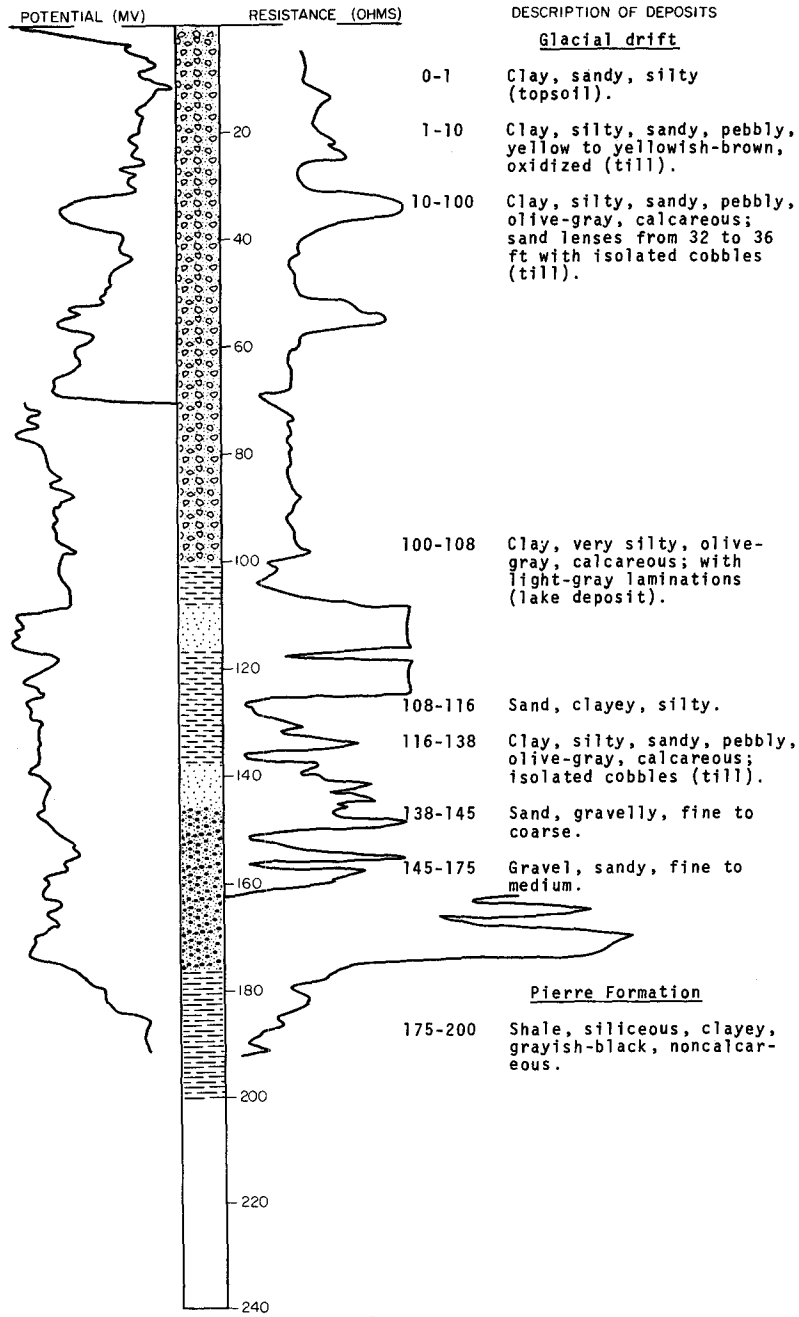
NDSWC 5366

LOCATION: 150-61-28AAA

DATE DRILLED: August 1969

ELEVATION: 1450
(FT, MSL)

DEPTH: 200
(FT)



150-61-28CCA
(Log from Ringdahl Drilling)

Elevation: 1385 ft

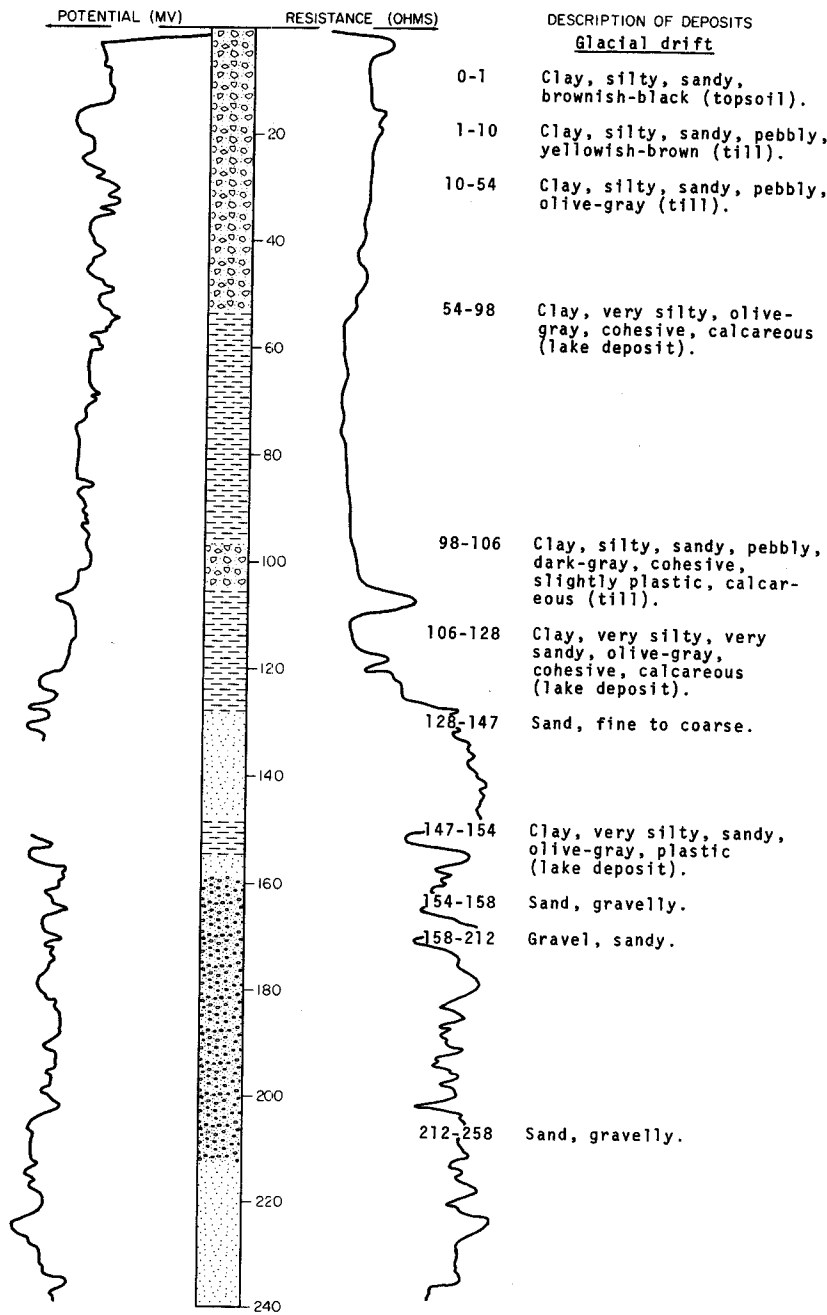
| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------|-------------------------|---------------------|
| | Silty clay----- | 25 | 25 |
| | Blue clay----- | 12 | 37 |
| | Shale----- | 65 | 102 |

LOCATION: 150-61-30ABB

DATE DRILLED: June 1968

ELEVATION: 1465
(FT, MSL)

DEPTH: 380
(FT)



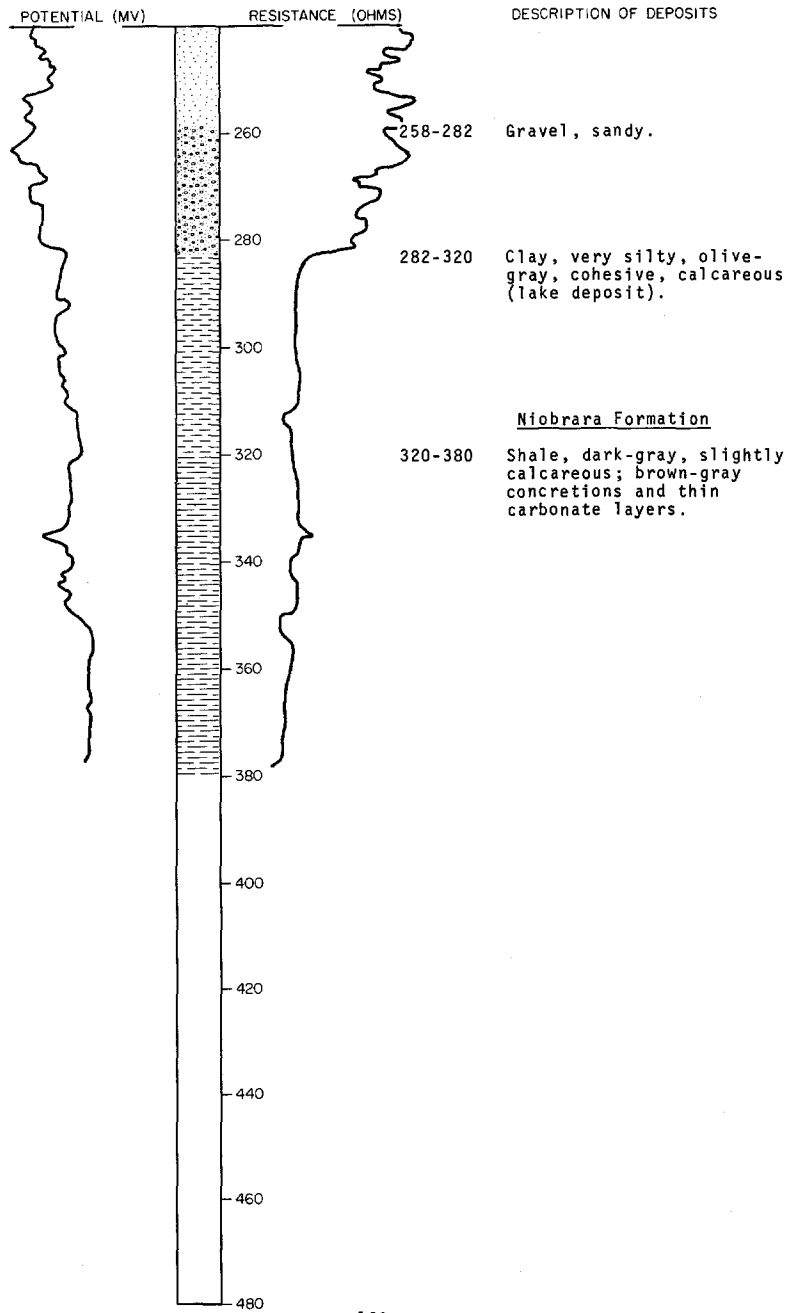
NDSWC 2973, Continued

LOCATION: 150-61-30ABB

DATE DRILLED: June 1968

ELEVATION: 1465
(FT, MSL)

DEPTH: 380
(FT)



150-61-31CAD
(Log from Ringdahl Drilling)

Elevation: 1465 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------|-------------------------|---------------------|
| | Hard blue clay----- | 40 | 40 |
| | Soft blue clay----- | 61 | 101 |

150-61-36AAC
(Log from U.S. Air Force)

Elevation: 1460 ft

| | | | |
|--|----------------------------|------|------|
| | Clay, sandy----- | 12 | 12 |
| | Sand, fine, silty----- | 12 | 24 |
| | Clay, silty----- | 11.5 | 35.5 |
| | Clay, sandy, gravelly----- | 5 | 40.5 |
| | Clay, silty----- | 38.5 | 79 |
| | Shale----- | 51 | 130 |

151-57-1DDD
NDGS N13

Elevation:

| | | | |
|--|-----------------------|---|----|
| | Silt, sandy----- | 8 | 8 |
| | Sand, silty----- | 2 | 10 |
| | Till, unoxidized----- | 8 | 18 |

151-57-16ABA
(Log from U.S. Air Force)

Elevation: 1490 ft

| | | | |
|--|-------------------------------|----|-----|
| | Clay and silt----- | 14 | 14 |
| | Clay and shale fragments----- | 23 | 37 |
| | Shale----- | 93 | 130 |

151-57-19AAA
NDGS N12

Elevation:

| | | | |
|--|---------------------|----|----|
| | Till, oxidized----- | 10 | 10 |
|--|---------------------|----|----|

151-57-28AAC
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | | |
|--|--------------------------------|----|-----|
| | Clay, silty----- | 24 | 24 |
| | Clay with shale fragments----- | 13 | 37 |
| | Shale----- | 93 | 130 |

151-58-4DCA
 USGS test 52
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil, black----- | 1 | 1 |
| | Clay, gray, silty and sandy----- | 2 | 3 |
| | Sand and gravel, light-brown----- | 2 | 5 |
| | Till, gray-brown----- | 4 | 9 |
| | Till, gray----- | 5 | 14 |
| | Sand, gray, medium to very coarse; and medium shale gravel----- | 7 | 21 |
| | Pierre shale, gray----- | 4 | 25 |

151-58-5BAB
 USGS test 50
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|----------------------------|----|----|
| | Till, light-brown----- | 16 | 16 |
| | Till, gray----- | 14 | 30 |
| | Sand and gravel, gray----- | 6 | 36 |
| | Pierre shale, gray----- | 4 | 40 |

151-58-5DDD
 USGS test 51
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Silt, light-brown, sandy and clayey----- | 14 | 15 |
| | Till, light-brown----- | 20 | 35 |
| | Till, gray----- | 6 | 41 |
| | Sand, gray, gravelly and clayey----- | 6 | 47 |
| | Till, gray----- | 5 | 52 |

151-58-6AAA
 USGS test 19
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Till, light-brown----- | 14 | 15 |
| | Sand----- | 1 | 16 |
| | Till, gray----- | 14 | 30 |
| | Sand, gray, fine to medium, silty----- | 5 | 35 |
| | Till, gray----- | 14 | 49 |
| | Pierre shale, gray----- | 6 | 55 |

151-58-6DAA
 USGS test 20
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Topsoil, black----- | 2 | 2 |
| | Till, gray----- | 2 | 4 |
| | Till, light-brown----- | 10 | 14 |
| | Till, gray----- | 19 | 33 |
| | Sand, gray, coarse, and shale gravel, fine, very silty and clayey----- | 6 | 39 |
| | Till, gray----- | 8 | 47 |
| | Shale sand, gray, medium to coarse, silty and clayey----- | 2 | 49 |
| | Pierre shale, gray----- | 11 | 60 |

151-58-7AAA
 USGS test 21
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|--|----|-----|
| | Topsoil, black----- | 2 | 2 |
| | Till, light-brown----- | 9 | 11 |
| | Sand, light-brown, fine to medium, and shale gravel, silty----- | 9 | 20 |
| | Till, gray----- | 17 | 37 |
| | Sand, gray, medium to coarse, and some gravel, very clayey----- | 11 | 48 |
| | Till, gray----- | 60 | 108 |
| | Pierre shale, gray----- | 7 | 115 |

151-58-7ADD
 USGS test 22
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|---|----|----|
| | Till, light-brown----- | 4 | 4 |
| | Sand and gravel, light-brown----- | 2 | 6 |
| | Till, light-brown----- | 13 | 19 |
| | Sand, light-brown, medium, and gravel, fine, clayey----- | 6 | 25 |
| | Gravel, fine to medium, and sand, very coarse----- | 5 | 30 |
| | Till, gray----- | 31 | 61 |
| | Pierre shale, gray----- | 4 | 65 |

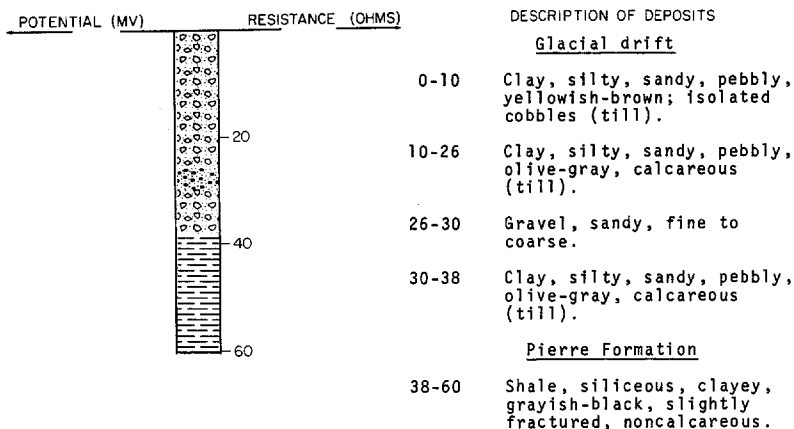
LOCATION: 151-58-7CDD

NDSWC 5372

DATE DRILLED: August 1969

ELEVATION: 1520
(FT, MSL)

DEPTH: 60
(FT)



151-58-11BCC
(Log from U.S. Air Force)

Elevation: 1500 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|------------------|------------------|--------------|
| | Clay, sandy----- | 13 | 13 |
| | Clay, silty----- | 19 | 32 |
| | Shale----- | 98 | 130 |

151-58-23CDA
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | |
|--------------------------------------|-----|------|
| Clay----- | 8 | 8 |
| Silt----- | 6 | 14 |
| Sand, fine, silty, clayey----- | 4 | 18 |
| Clay, silty----- | 6 | 24 |
| Sand, fine, and shale fragments----- | 2.5 | 26.5 |
| Silt and shale fragments----- | 6.5 | 33 |
| Shale----- | 97 | 130 |

151-59-3DDC
USGS test 49
(Log from Aronow and others, 1953)

Elevation: 1505 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Till, light-brown, sandy, or sand, very gravelly and clayey----- | 24 | 24 |
| | Sand and gravel, gray, mostly shale----- | 9 | 33 |
| | Sand, gray, mostly shale----- | 4 | 37 |
| | Sand and gravel, gray, mostly shale----- | 15 | 52 |
| | Sand, gray, mostly shale----- | 5 | 57 |

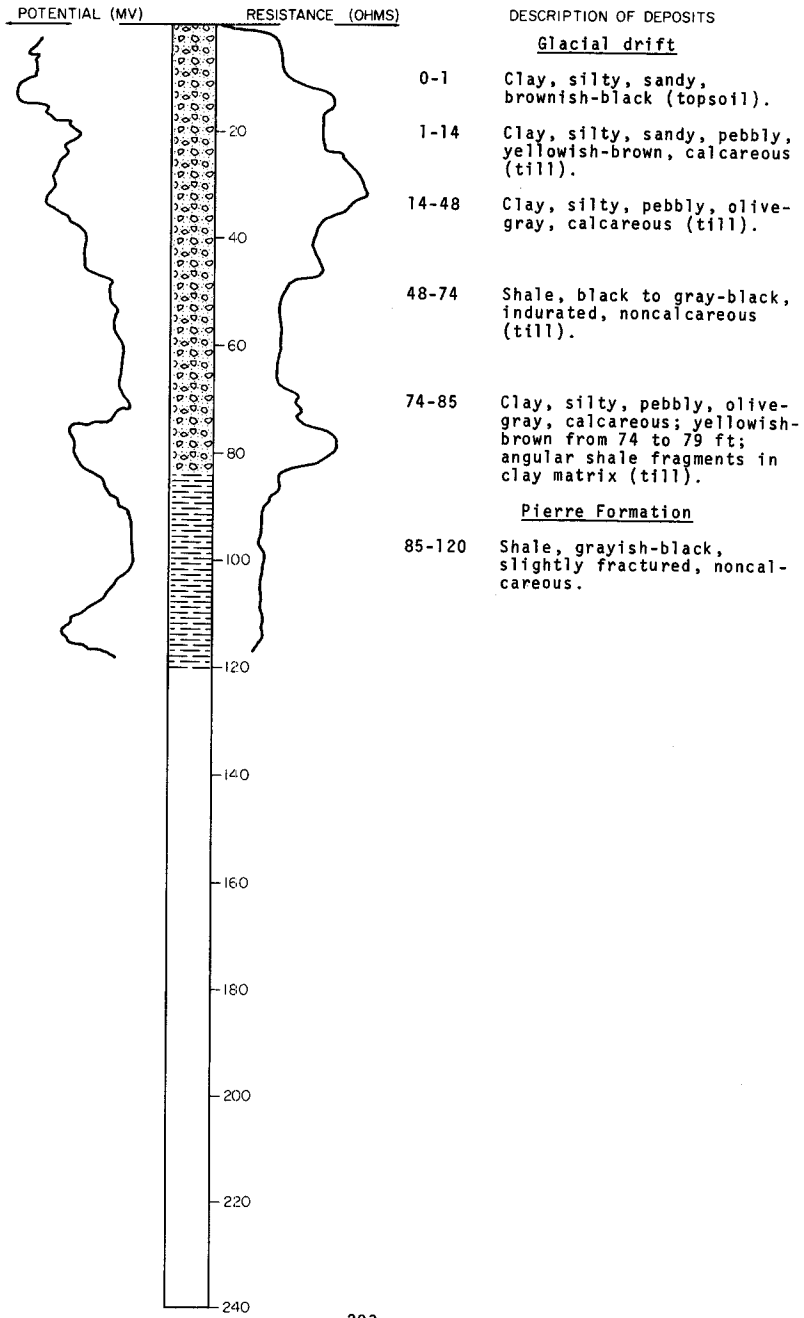
LOCATION: 151-59-5BBB

NDSWC 5013

DATE DRILLED: June 1968

ELEVATION: 1500
(FT, MSL)

DEPTH: 120
(FT)



151-59-11CDD
(Log from U.S. Air Force)

Elevation: 1500 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---|------------------|--------------|
| | Clay, silty----- | 48 | 48 |
| | Sand, silty, with interbedded clay----- | 6 | 54 |
| | Clay, silty----- | 10 | 64 |
| | Shale, fractured----- | 14 | 78 |
| | Shale----- | 52 | 130 |

151-59-12CDC
NDGS N9

Elevation:

| | | |
|--|----|----|
| Silt, clayey, sandy, oxidized----- | 12 | 12 |
| Silt, sandy, clayey, gravelly, oxidized----- | 4 | 16 |
| Clay, silty, sandy, oxidized----- | 6 | 22 |
| Clay, silty, sandy, unoxidized----- | 5 | 27 |

151-59-24DDD
NDGS N10

Elevation:

| | | |
|--------------------|----|----|
| Gravel, sandy----- | 10 | 10 |
|--------------------|----|----|

151-59-31BDD
(Log from Ringdahl Drilling)

Elevation: 1510 ft

| | | |
|-----------------|----|-----|
| Silty clay----- | 35 | 35 |
| Blue clay----- | 20 | 55 |
| Shale----- | 55 | 110 |

151-60-4DAD
(Log from U.S. Air Force)

Elevation: 1501 ft

| | | |
|------------------|----|-----|
| Clay----- | 15 | 15 |
| Clay, silty----- | 25 | 40 |
| Shale----- | 90 | 130 |

151-60-5DBD
NDGS N6

Elevation: 1650 ft

| | | |
|---|----|----|
| (Composite log based on 11 nearby holes) | | |
| Till, oxidized, boulders, sandy, gravelly | 25 | 25 |
| Till, unoxidized, dense----- | 12 | 37 |

151-60-6AA
(Log from Jack M. Johnston Drilling Company)

Elevation: 1496 ft

| <u>Geologic source</u> | <u>Thickness (feet)</u> | <u>Depth to formation top (feet)</u> |
|-------------------------------|-------------------------|--------------------------------------|
| Niobrara Formation----- | 411 | 452 |
| Greenhorn Formation----- | 113 | 863 |
| Belle Fourche Formation----- | 178 | 976 |
| Newcastle Formation----- | 64 | 1154 |
| Skull Creek Formation----- | 70 | 1218 |
| Dakota Group----- | 534 | 1288 |
| Stony Mountain Formation----- | 142 | 1822 |
| Red River Formation----- | 760 | 1964 |
| Winnipeg Formation----- | 36 | 2724 |
| Precambrian----- | 3 | 2760 |

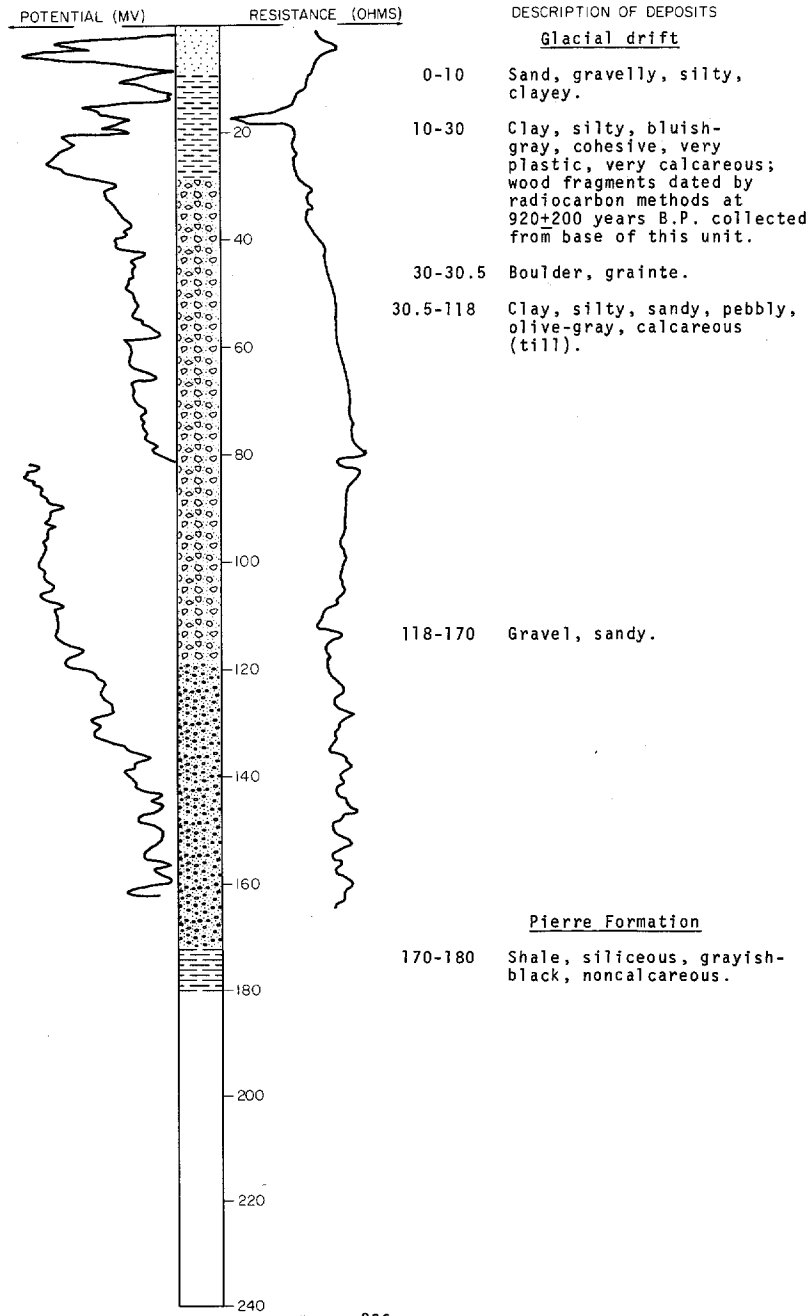
NDSWC 5352

LOCATION: 151-60-7BDD

DATE DRILLED: July 1969

ELEVATION: 1400
(FT, MSL)

DEPTH: 180
(FT)



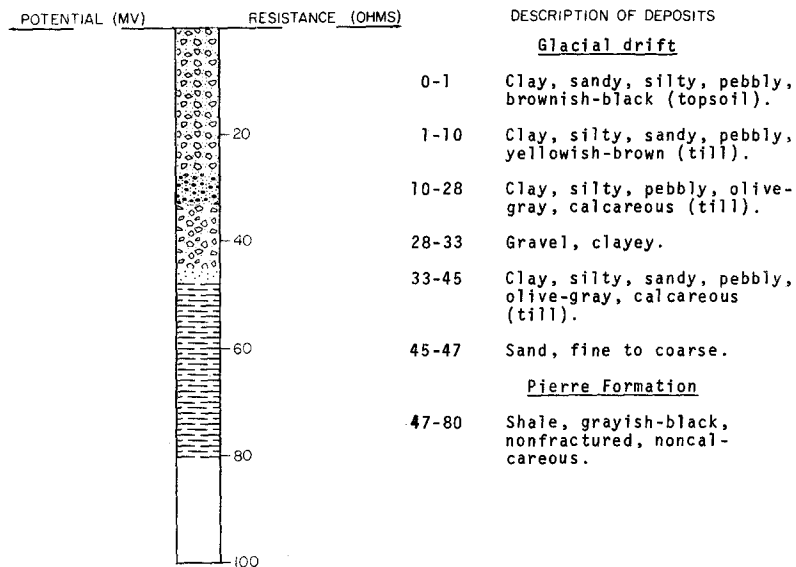
NDSWC 5014

LOCATION: 151-60-12DDD

DATE DRILLED: June 1968

ELEVATION: 1480
(FT, MSL)

DEPTH: 80
(FT)



151-60-14CBC
NDGS N41

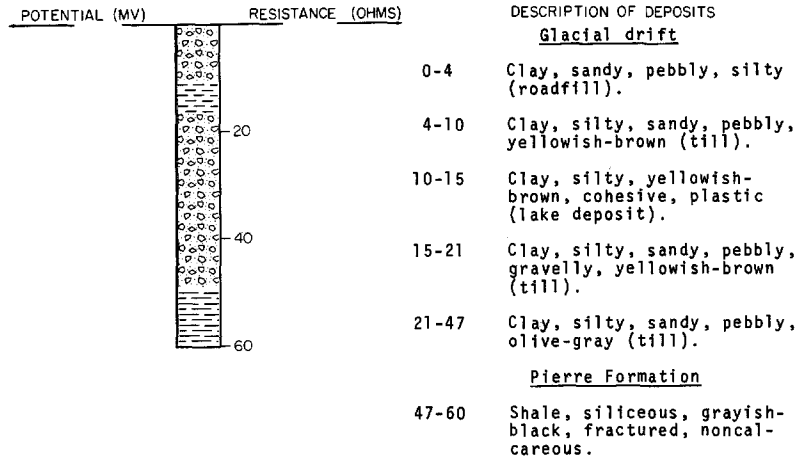
Elevation: 1480 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|----------------------|-------------------------|---------------------|
| | Sand, silty----- | 6 | 6 |
| | Sand, very fine----- | 19 | 25 |

NDSWC 5371

LOCATION: 151-60-23CCA
 ELEVATION: 1415
 (FT, MSL)

DATE DRILLED: August 1969
 DEPTH: 60
 (FT)



151-60-24BBB
 NDGS N42

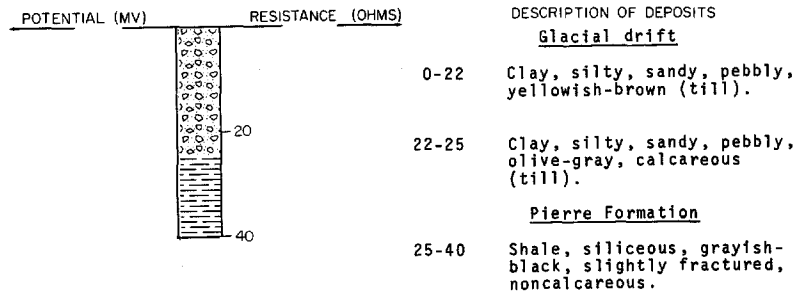
Elevation: 1472 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|------------------------------------|------------------|--------------|
| | Silt----- | 23 | 23 |
| | Silt, sandy, clayey, gravelly----- | 2 | 25 |
| | Silt----- | 5 | 30 |
| | Sand, silty----- | 5 | 35 |

NDSWC 5350

LOCATION: 151-60-33CDD
 ELEVATION: 1475
 (FT, MSL)

DATE DRILLED: July 1969
 DEPTH: 40
 (FT)



151-60-35CDD
(Log from U.S. Air Force)

Elevation: 1475 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| Glacial drift: | | | |
| | Till, very sandy, moderate-olive-brown-- | 5 | 5 |
| | Till, very sandy, light-yellow, soft---- | 5 | 10 |
| | Till, silty, moderate-olive-brown----- | 7 | 17 |
| | Till, silty, olive-gray----- | 16 | 33 |
| Pierre Shale: | | | |
| | Shale, olive-black, brittle, soft----- | 11 | 44 |
| | Shale, very brittle, hard----- | 3 | 47 |

151-60-35DAC1
(Log from U.S. Air Force)

Elevation: 1477 ft

| | | | |
|----------------|---|----|----|
| Glacial drift: | | | |
| | Till, very sandy, light-yellow to moderate-olive-brown, moderately rocky----- | 9 | 9 |
| | Till, silty, olive-gray, rocky----- | 8 | 17 |
| | Clay, very sandy, olive-gray----- | 8 | 25 |
| | Till, olive-gray, hard, cohesive----- | 8 | 33 |
| Pierre Shale: | | | |
| | Shale, soft, olive-black; becomes hard near 45 ft----- | 14 | 47 |

151-60-35DAC2
(Log from U.S. Air Force)

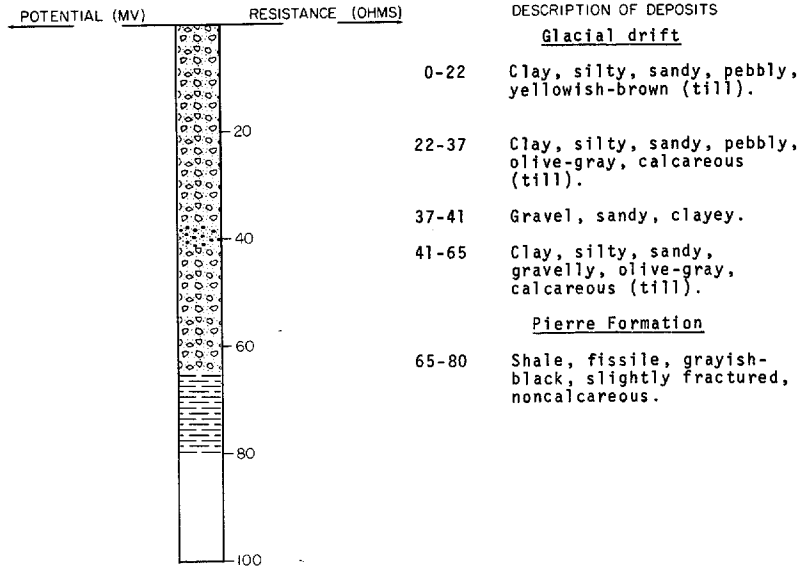
Elevation: 1480 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Clay, very sandy, gravelly, yellow-brown; isolated sand and gravel lenses----- | 24 | 24 |
| | Clay, silty, shale fragments, gray----- | 30 | 54 |
| | Shale, hard, fractured, gray; seams of gray bentonite near lower part of section (Pierre shale)----- | 358 | 412 |
| | Shale, hard, carbonaceous, micaceous, calcareous; dark-brown-gray, argillaceous gray limestone layer at 528 ft----- | 413 | 825 |
| | Shale, soft, calcareous, bentonitic; green-gray to dark-gray lenses of sandstone at 1060 and 1120 (Greenhorn Formation)----- | 421 | 1246 |
| | Sandstone and shale, fine grained, subrounded (Dakota Group)----- | 74 | 1320 |

NDSWC 5005

LOCATION: 151-61-4CCC
 ELEVATION: 1485
 (FT, MSL)

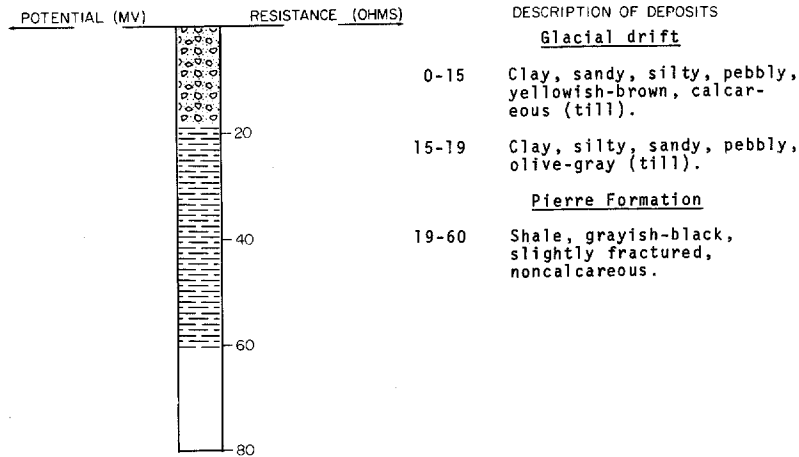
DATE DRILLED: June 1968
 DEPTH: 80
 (FT)



NDSWC 5004

LOCATION: 151-61-9CCC
 ELEVATION: 1437
 (FT, MSL)

DATE DRILLED: June 1968
 DEPTH: 60
 (FT)



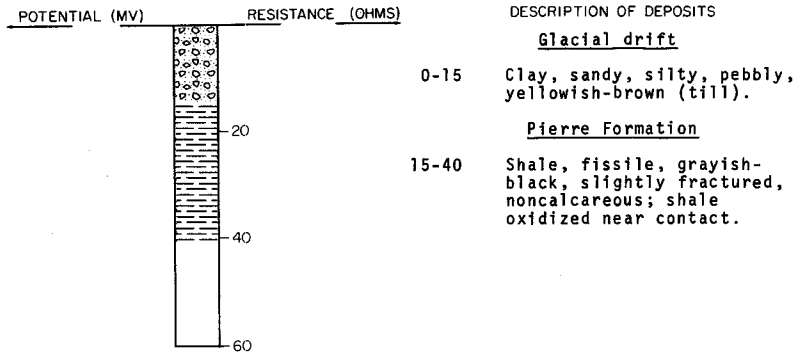
NDSWC 5003

LOCATION: 151-61-12DDD

DATE DRILLED: June 1968

ELEVATION: 1475
(FT, MSL)

DEPTH: 40
(FT)



151-61-16CCC
NDGS N21

Elevation: 1434 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------------------------|------------------|--------------|
| | Silt, clayey----- | 1 | 1 |
| | Till----- | 8 | 9 |
| | Sand, fine to medium, red-brown----- | 1 | 10 |

151-61-18CBB
NDGS N7

Elevation:

| | | |
|--|----|----|
| Sand, gravelly, silty, shaly; silt "balls" at 14 ft----- | 17 | 17 |
| Sand, silty----- | 13 | 30 |
| Till, partially oxidized----- | 4 | 34 |

151-61-21ABC
NDGS N22

Elevation: 1425 ft

| | | |
|----------------------------|----|----|
| Silt, oxidized----- | 18 | 18 |
| Silt, unoxidized----- | 2 | 20 |
| Silt, sandy, gravelly----- | 5 | 25 |

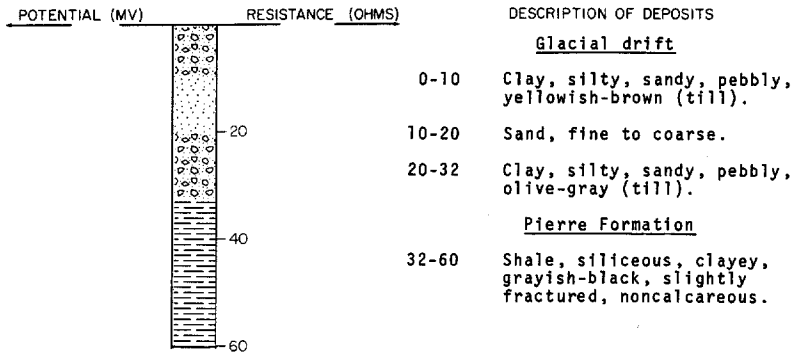
NDSWC 5361

LOCATION: 151-61-21BBB

DATE DRILLED: July 1969

ELEVATION: 1434
(FT, MSL)

DEPTH: 60
(FT)



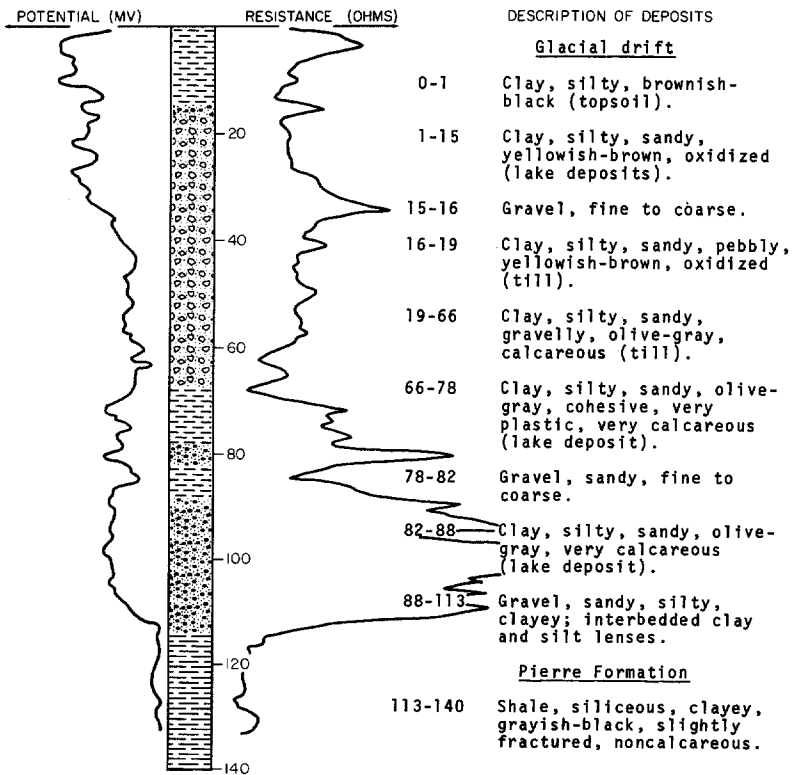
NDSWC 5362

LOCATION: 151-61-22CCD

DATE DRILLED: July 1969

ELEVATION: 1430
(FT, MSL)

DEPTH: 140
(FT)



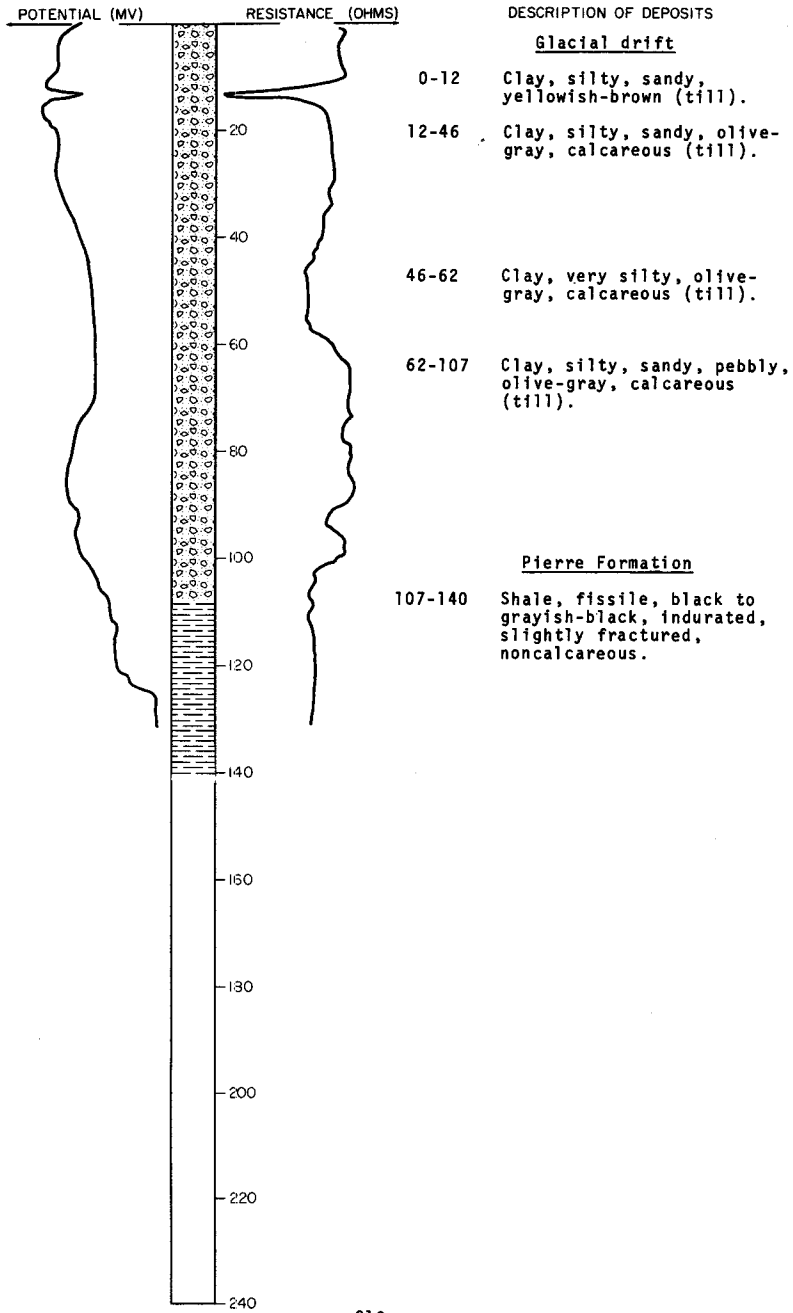
LOCATION: 151-61-26CBB

NDSWC 5000

DATE DRILLED: June 1968

ELEVATION: 1450
(FT, MSL)

DEPTH: 140
(FT)

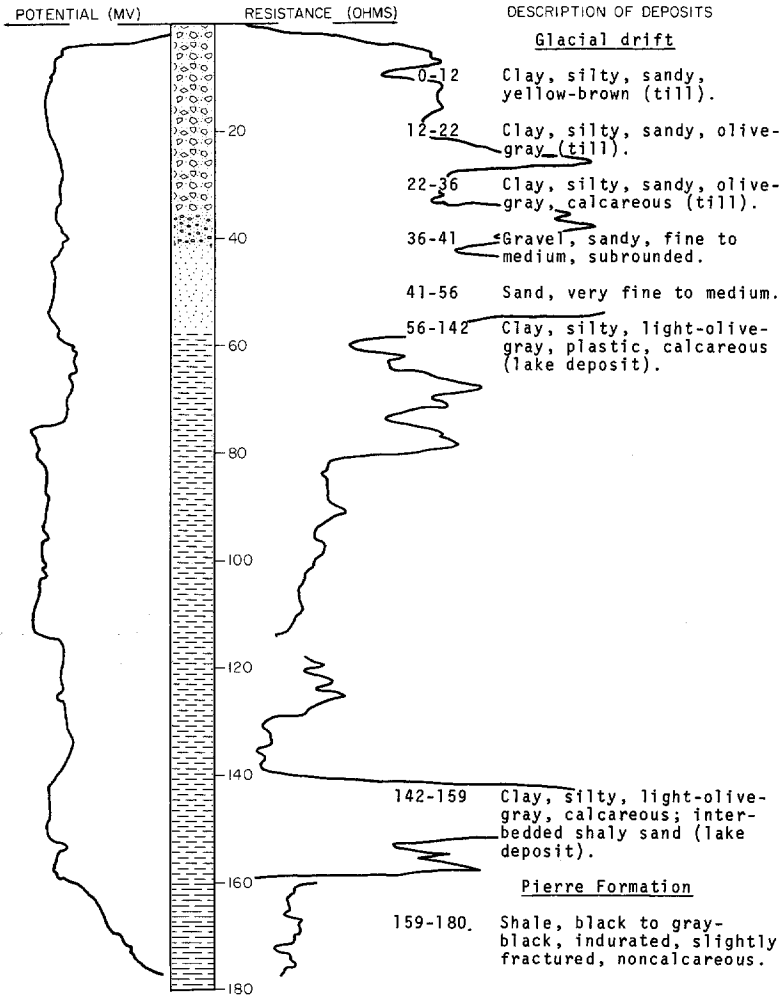


LOCATION: 151-61-28888

DATE DRILLED: June 1968

ELEVATION: 1471
(FT, MSL)

DEPTH: 180
(FT)



151-61-29DCA
(Log from U.S. Bureau of Reclamation)

Elevation: 1492 ft

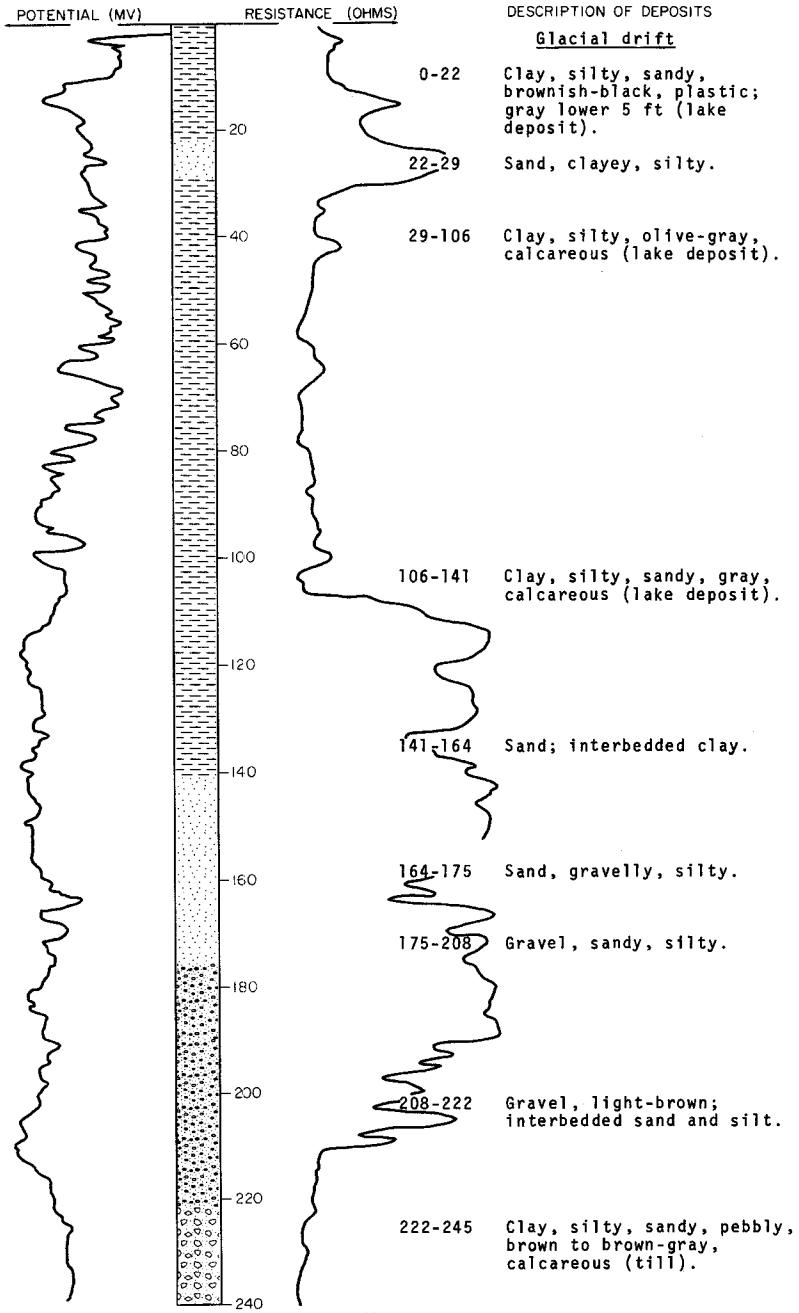
| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------|-------------------------|---------------------|
| | Silt, sandy----- | 5 | 5 |
| | Sand, clayey----- | 30 | 35 |
| | Clay, sandy (till)----- | 7 | 42 |
| | Shale (Pierre Formation)----- | 11 | 53 |

LOCATION: 151-61-30BBB

DATE DRILLED: June 1969

ELEVATION: 1450
(FT, MSL)

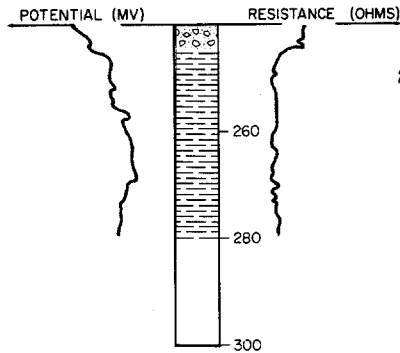
DEPTH: 280
(FT)



LOCATION: 151-61-30BBB
 ELEVATION: 1450
 (FT, MSL)

NDSWC 2998, Continued

DATE DRILLED: June 1969
 DEPTH: 280
 (FT)



DESCRIPTION OF DEPOSITS

Niobrara Formation

245-280 Shale, siliceous, gray; white specks.

151-61-32BC
 (Log from Jack M. Johnston Drilling Company)

Elevation: 1473 ft

| <u>Geologic source</u> | <u>Thickness (feet)</u> | <u>Depth to formation top (feet)</u> |
|-------------------------------|-------------------------|--------------------------------------|
| Niobrara Formation----- | 425 | 450 |
| Greenhorn Formation----- | 110 | 875 |
| Belle Fourche Formation----- | 147 | 985 |
| Mowry Formation----- | 45 | 1132 |
| Newcastle Formation----- | 70 | 1177 |
| Skull Creek Formation----- | 77 | 1247 |
| Dakota Group----- | 694 | 1324 |
| Stony Mountain Formation----- | 100 | 2018 |
| Red River Formation----- | 746 | 2118 |
| Winnipeg Formation----- | 47 | 2864 |
| Precambrian----- | 9 | 2911 |

151-61-34DDA
 NDGS N23

Elevation: 1480 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------|-------------------------|---------------------|
| | Sand, silty----- | 17 | 17 |
| | Gravel, sandy----- | 3 | 20 |

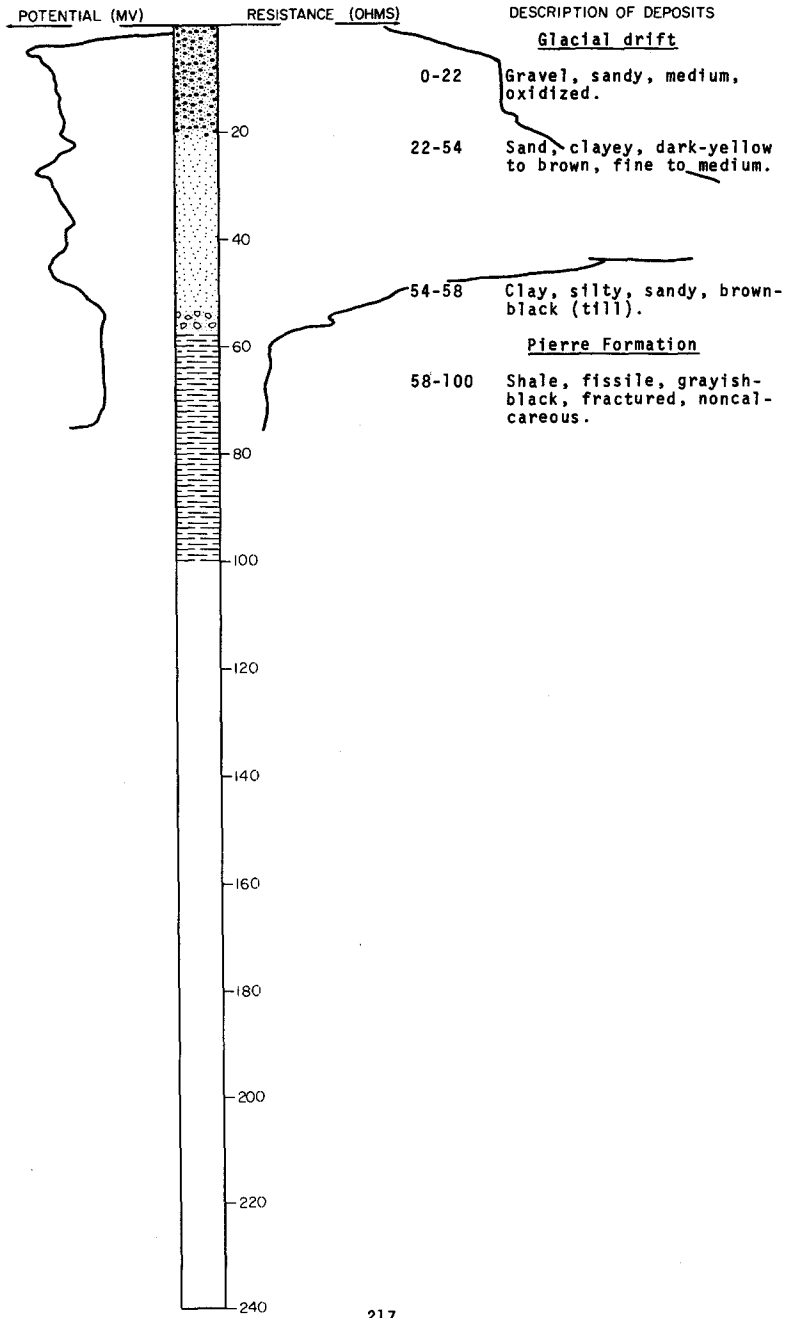
LOCATION: 151-61-35BAA

NDSWC 5001

DATE DRILLED: June 1968

ELEVATION: 1500
(FT, MSL)

DEPTH: 100
(FT)

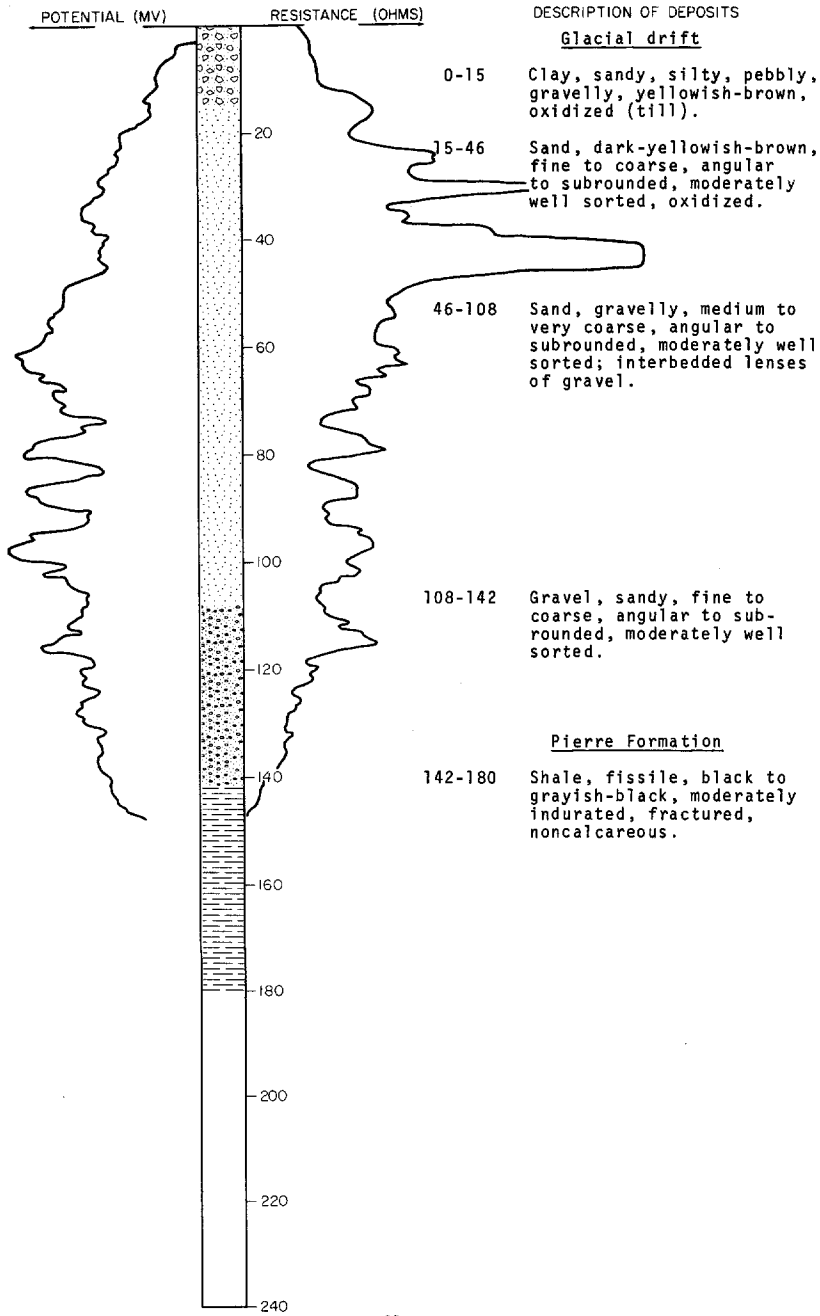


LOCATION: 151-61-36ABB
ELEVATION: 1505
(FT, MSL)

NDSWC 5002

DATE DRILLED: June 1968

DEPTH: 180
(FT)



152-57-10BDB
(Log from U.S. Air Force)

Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Topsoil----- | 2 | 2 |
| | Clay, silty----- | 18 | 20 |
| | Clay, sandy----- | 2 | 22 |
| | Shale----- | 18 | 40 |

152-57-12ABC
(Log from U.S. Air Force)

Elevation: 1470 ft

| | | | |
|--|---------------------------------|----|-----|
| | Clay, silty----- | 26 | 26 |
| | Shale, crushed (fractured)----- | 90 | 116 |
| | Shale----- | 14 | 130 |

152-58-3BBA
USGS test 41
(Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|---|----|----|
| | Clay, gray, silty and sandy----- | 1 | 1 |
| | Gravel, light-brown, medium, fairly free of clay----- | 7 | 8 |
| | Shale gravel, gray, medium to coarse, clayey----- | 14 | 22 |
| | Shale and limestone gravel, gray, very clayey----- | 12 | 34 |
| | Till, gray----- | 12 | 46 |
| | Shale gravel, gray, medium----- | 2 | 48 |
| | Pierre shale, gray----- | 2 | 50 |

152-58-5CBB
USGS test 6
(Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 3 | 4 |
| | Sand, gray, fine to very coarse, clayey and gravelly----- | 23 | 27 |
| | Shale gravel, gray----- | 13 | 40 |
| | Pierre shale, gray----- | 2 | 42 |

152-58-5CBC
USGS test 7
(Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty, sandy, and gravelly----- | 4 | 5 |
| | Sand, light-brown----- | 2 | 7 |
| | Gravel, light-brown, sandy and silty----- | 7 | 14 |
| | Shale sand, gray, medium to very coarse----- | 20 | 34 |
| | Pierre shale, gray----- | 2 | 36 |

152-58-5CCC
 USGS test 8
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 5 | 6 |
| | Till, light-brown----- | 6 | 12 |
| | Till, gray----- | 18 | 30 |

152-58-6ABA
 USGS test 32
 (Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|--|----|----|
| | Clay, light-brown, gravelly----- | 2 | 2 |
| | Gravel, light-brown, mostly shale, sandy and clayey----- | 10 | 12 |
| | Till, gray, upper part gravelly----- | 13 | 25 |

152-58-6CBB
 USGS test 42
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|----------------------------|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Till, gray----- | 2 | 3 |
| | Till, light-brown----- | 12 | 15 |
| | Till, gray----- | 10 | 25 |
| | Sand and gravel, gray----- | 3 | 28 |
| | Boulder----- | 1 | 29 |
| | Pierre shale, gray----- | 6 | 35 |

152-58-7AAD
 USGS test 9
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 5 | 6 |
| | Till, gray----- | 6 | 12 |
| | Sand, gray, medium to coarse, and fine shale gravel----- | 16 | 28 |
| | Till, gray----- | 2 | 30 |
| | Pierre shale, gray----- | 2 | 32 |

152-58-7DDD
 USGS test 10
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 2 | 3 |
| | Shale sand and gravel, light-brown----- | 7 | 10 |
| | Sand, gray, very coarse, clayey, mostly shale----- | 10 | 20 |
| | Gravel, gray, fine to medium, coarser material shale----- | 7 | 27 |
| | Pierre shale, gray----- | 19 | 46 |

152-58-18AAA
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-----------------------|------------------|--------------|
| | Topsoil----- | 2 | 2 |
| | Sandy brown clay----- | 18 | 20 |
| | Shale----- | 1 | 21 |

152-58-18AAB1
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|--------------------------------------|----|----|
| | Topsoil----- | 1 | 1 |
| | Sandy brown clay----- | 12 | 13 |
| | Clayey gray fine to coarse sand----- | 9 | 22 |
| | Pierre shale----- | 2 | 24 |

152-58-18AAB2
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|---------------------------------|----|----|
| | Black topsoil----- | 2 | 2 |
| | Gravelly yellow clay----- | 10 | 12 |
| | Very sandy clay with rocks----- | 19 | 31 |
| | Pierre shale----- | 4 | 35 |

152-58-18AAB3
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|---------------------------|----|----|
| | Topsoil----- | 1 | 1 |
| | Gray clay----- | 3 | 4 |
| | Gravelly yellow clay----- | 6 | 10 |
| | Sandy gray clay----- | 12 | 22 |
| | Pierre shale----- | 3 | 25 |

152-58-18AAB4
(Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|--------------------------------|----|----|
| | Topsoil----- | 1 | 1 |
| | Yellow clay----- | 7 | 8 |
| | Gravelly gray clay, rocky----- | 23 | 31 |
| | Pierre shale----- | 4 | 35 |

152-58-18AAD
USGS test 11
(Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, sandy, silty, and gravelly----- | 2 | 3 |
| | Sand, gray, medium to coarse, clayey and gravelly----- | 12 | 15 |
| | Sand and gravel, light-brown, very clayey----- | 5 | 20 |
| | Till, gray, sandy and gravelly----- | 6 | 26 |
| | Pierre shale, gray----- | 4 | 30 |

152-58-18DAA1
 USGS test 12
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---|------------------|--------------|
| | Topsoil, black----- | 1 | 1 |
| | Clay, gray, silty and sandy----- | 2 | 3 |
| | Clay, light-brown, silty and sandy----- | 1 | 4 |
| | Sand, gray-brown, medium, and silty shale gravel----- | 11 | 15 |
| | Gravel, medium to coarse and sand, very coarse, free of clay----- | 5 | 20 |
| | Till, gray----- | 2 | 22 |
| | Pierre shale, gray----- | 4 | 26 |

152-58-18DAA2
 Michigan test 65-5
 (Log from C. A. Simpson & Son)

Elevation: 1520 ft

| | | | |
|--|-------------------------------|----|----|
| | Topsoil----- | 2 | 2 |
| | Sandy yellow clay, rocky----- | 8 | 10 |
| | Very sandy gray clay----- | 11 | 21 |

152-58-18DDA
 USGS test 13
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, gravelly----- | 1 | 2 |
| | Sand, light-brown, fine to coarse, clayey----- | 8 | 10 |
| | Sand, gray, very fine to coarse, and gravel, fine, silty and clayey----- | 16 | 26 |
| | Pierre shale, gray----- | 4 | 30 |

152-58-19DAA
 USGS test 14
 (Log from Aronow and others, 1953)

Elevation: 1523 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Clay, light-brown, silty and sandy----- | 7 | 9 |
| | Sand and gravel, light-brown----- | 1 | 10 |
| | Till, gray----- | 21 | 31 |
| | Pierre shale, gray----- | 5 | 36 |

152-58-19DD01
 (Log from Rainsberry Drilling)

Elevation:

| | | | |
|--|---------------------------|----|----|
| | Yellow clay----- | 20 | 20 |
| | Sandy clay----- | 3 | 23 |
| | Sand----- | 2 | 25 |
| | Silt (water-bearing)----- | 3 | 28 |
| | Silty sand----- | 7 | 35 |
| | Sandy gravel----- | 7 | 42 |
| | Shale----- | 55 | 97 |

152-58-28ADD
 USGS test 55
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|----------------------------|------------------|--------------|
| | Topsoil, black----- | 2 | 2 |
| | Till, light-brown----- | 7 | 9 |
| | Till, gray----- | 9 | 18 |
| | Sand and gravel, gray----- | 7 | 25 |
| | Pierre shale, gray----- | 5 | 30 |

152-58-28BAD
 (Log from U.S. Air Force)

Elevation: 1505 ft

| | | | |
|--|-----------------------------|-----|------|
| | Clay, silty----- | 4 | 4 |
| | Clay and silt----- | 15 | 19 |
| | Silt----- | 3 | 22 |
| | Sand, fine to medium----- | 3.5 | 25.5 |
| | Sand, coarse, and silt----- | 6.5 | 32 |
| | Shale----- | 98 | 130 |

152-58-29CCC
 USGS test 17
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Clay, gray, silty and sandy----- | 4 | 6 |
| | Sand, light-brown, very gravelly and clayey----- | 3 | 9 |
| | Sand, gray, very fine to very coarse, and gravel, fine, clayey----- | 11 | 20 |
| | Till, gray----- | 14 | 34 |
| | Pierre shale, gray----- | 11 | 45 |

152-58-30AAA
 USGS test 15
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Clay, brown-gray, silty and sandy----- | 7 | 9 |
| | Sand, light-brown, fine to very coarse, and gravel, fine to medium----- | 11 | 20 |
| | Till, gray----- | 4 | 24 |
| | Pierre shale, gray----- | 6 | 30 |

152-58-30ADA
 USGS test 16
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 8 | 9 |
| | Sand, gray, clayey and gravelly----- | 19 | 28 |
| | Pierre shale, gray----- | 7 | 35 |

152-58-31ADD2
 USGS test 18
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------------|-------------------------|---------------------|
| | Topsoil, black----- | 1 | 1 |
| | Till, light-brown----- | 15 | 16 |
| | Sand and gravel, light-tan----- | 1 | 17 |
| | Till, gray----- | 11 | 28 |
| | Sand and gravel----- | 3 | 31 |
| | Till, gray----- | 13 | 44 |
| | Pierre shale, gray----- | 6 | 50 |

152-58-33ABB
 USGS test 54
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Clay, light-brown, sandy and gravelly--- | 2 | 4 |
| | Sand, light-brown, very fine to very coarse, and some gravel, very clayey-- | 13 | 17 |
| | Pierre shale, gray----- | 3 | 20 |

152-58-33CAD
 USGS test 53
 (Log from Aronow and others, 1953)

Elevation: 1500 ft

| | | | |
|--|---|----|-----|
| | Topsoil, black----- | 2 | 2 |
| | Till, gray----- | 3 | 5 |
| | Till, light-brown----- | 11 | 16 |
| | Till, gray----- | 3 | 19 |
| | Sand, gray, very fine to coarse, clayey- | 13 | 32 |
| | Till, gray----- | 87 | 119 |
| | Sand, very coarse, and gravel, fine to very coarse----- | 7 | 126 |
| | Till, gray----- | 9 | 135 |
| | Pierre shale, gray----- | 5 | 140 |

152-59-2AAC
 (Log from U.S. Air Force)

Elevation: 1520 ft

| | | | |
|--|---|-----|-------|
| | Clay, silt and sand----- | 29 | 29 |
| | Shale, fractured, with silt and clay--- | 96 | 125 |
| | Shale----- | 5.2 | 130.2 |

152-59-9DCD
 USGS test 43
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|--|----|----|
| | Sand, light-brown, gravelly and clayey-- | 17 | 17 |
| | Sand, gray, very gravelly and clayey--- | 20 | 37 |
| | Gravel, gray, shaly, sandy, and clayey-- | 10 | 47 |
| | Till, gray----- | 3 | 50 |
| | Pierre shale, gray----- | 5 | 55 |

152-59-9DDDD3
 USGS test 44
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Topsoil, black----- | 4 | 4 |
| | Sand, light-brown, fine to coarse, very gravelly and clayey----- | 8 | 12 |
| | Gravel, gray, very sandy and clayey----- | 15 | 27 |
| | Till, gray----- | 13 | 40 |

152-59-10CCD
 USGS test 45
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Sand, light-brown, clayey----- | 5 | 7 |
| | Sand, light-brown, and gravel, some shale, very clayey----- | 10 | 17 |
| | Shale gravel, gray, and sand, very clayey; upper and lower contacts transitional----- | 25 | 42 |
| | Till, gray, gravelly----- | 15 | 57 |
| | Till, gray----- | 35 | 92 |

152-59-10DDD
 USGS test 46
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|-------------------------|----|----|
| | Till, light-brown----- | 12 | 12 |
| | Till, gray, sandy----- | 10 | 22 |
| | Till, gray----- | 32 | 54 |
| | Pierre shale, gray----- | 1 | 55 |

152-59-15DDD
 USGS test 47
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Till, light-brown----- | 10 | 11 |
| | Sand, light-brown, fine to coarse, gravelly and sandy----- | 10 | 21 |
| | Sand, gray, fine to coarse, and gravel, fine, free of clay----- | 28 | 49 |
| | Pierre shale, gray----- | 2 | 51 |

152-59-168BD
(Log from Jack M. Johnston Drilling Company)

Elevation: 1527 ft

| Geologic source | Thickness (feet) | Depth to formation top (feet) |
|----------------------------------|------------------|-------------------------------|
| Niobrara Formation----- | 400 | 450 |
| Greenhorn Formation----- | 100 | 850 |
| Belle Fourche Formation----- | 160 | 950 |
| Mowry Formation----- | 38 | 1110 |
| Newcastle Formation----- | 22 | 1148 |
| Skull Creek Formation----- | 82 | 1170 |
| Dakota Group----- | 286 | 1252 |
| Paleozoic, undifferentiated----- | 142 | 1538 |
| Stonewall Formation----- | 46 | 1584 |
| Stony Mountain Formation----- | 98 | 1680 |
| Red River Formation----- | 207 | 1778 |

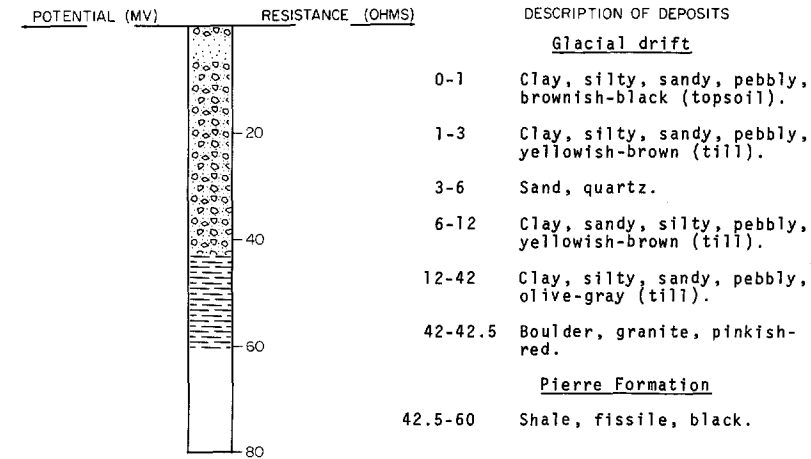
LOCATION: 152-59-17CCC

NDSWC 5011

DATE DRILLED: June 1968

ELEVATION: 1500
(FT, MSL)

DEPTH: 60
(FT)



152-59-19ADD5
(Log from C. A. Simpson & Son)

Elevation:

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---|------------------|--------------|
| | Topsoil----- | 1 | 1 |
| | Sandy yellow clay----- | 15 | 16 |
| | Gravelly blue clay with many rocks----- | 12 | 28 |
| | Coarse gravel----- | 2 | 30 |
| | Gravelly blue clay with rocks----- | 18 | 48 |
| | Blue shale----- | 148 | 196 |

152-59-19CCC
(Log from Rainsberry Drilling)

Elevation: 1510 ft

| | | |
|------------------|----|-----|
| Yellow clay----- | 15 | 15 |
| Blue clay----- | 30 | 45 |
| Rocks----- | 3 | 48 |
| Gravel----- | 2 | 50 |
| Clay----- | 3 | 53 |
| Shale----- | 65 | 118 |

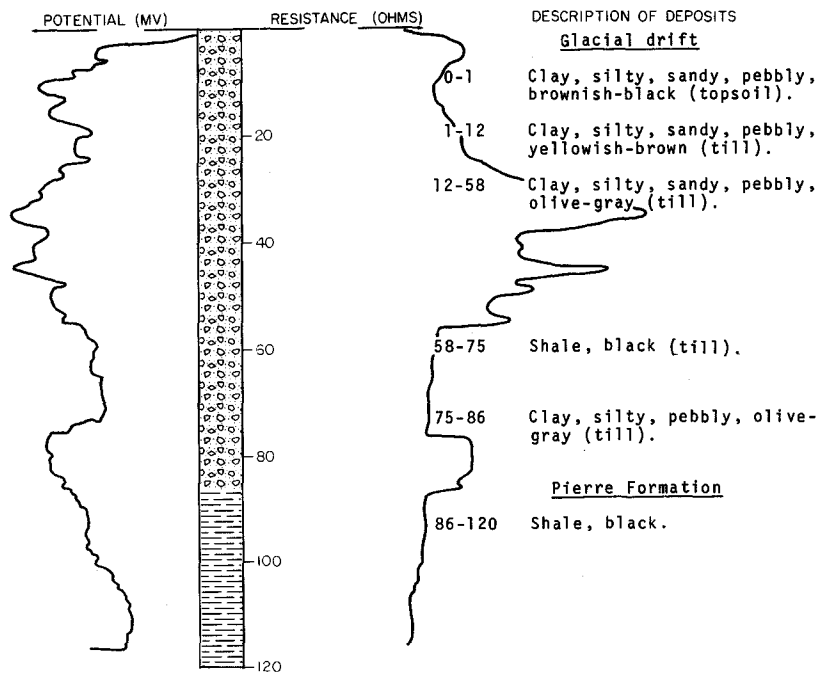
NDSWC 5012

LOCATION: 152-59-21CCC

DATE DRILLED: June 1968

ELEVATION: 1510
(FT, MSL)

DEPTH: 120
(FT)



152-59-21DDD
 USGS test 48
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Till, light-brown----- | 13 | 13 |
| | Till, gray----- | 9 | 22 |
| | Gravel, gray, sandy and very clayey----- | 13 | 35 |
| | Pierre shale, gray----- | 2 | 37 |

152-59-24ABC
 H. Greenlee
 (Log from Aronow and others, 1953)

Elevation: 1515 ft

| | | | |
|--|-------------------------|----|-----|
| | Yellow clay (till)----- | 15 | 15 |
| | Blue clay (till)----- | 16 | 31 |
| | Gravel----- | 4 | 35 |
| | Shale----- | 79 | 114 |

152-59-29BBD
 (Log from U.S. Air Force)

Elevation: 1515 ft

| | | | |
|--|---|------|------|
| | Clay, silty----- | 18 | 18 |
| | Sand, fine to coarse, silty; interbedded clay seams----- | 9 | 27 |
| | Clay and silt----- | 21 | 48 |
| | Silt and fine sand, clayey----- | 9 | 57 |
| | Gravel, fine to coarse, silty----- | 5.5 | 62.5 |
| | Clay and silt----- | 28.5 | 91 |
| | Shale, fractured----- | 3 | 94 |
| | Shale and silt----- | 36 | 130 |

152-60-3BBC
 USGS test 28A
 (Log from Powell and Jones, 1962)

Elevation: 1510 ft

| | | | |
|---|---------------------------------|----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 2 | 2 |
| | Till, brown, noncalcareous----- | 3 | 5 |
| | Till, tan----- | 7 | 12 |
| | Till, gray----- | 37 | 49 |
| | Gravel, fine; coarse sand----- | 11 | 60 |
| | Gravel, fine to coarse----- | 47 | 107 |
| Pierre Shale: | | | |
| | Shale, gray----- | 3 | 110 |

152-60-3CAA
 (Log from U.S. Air Force)

Elevation: 1520 ft

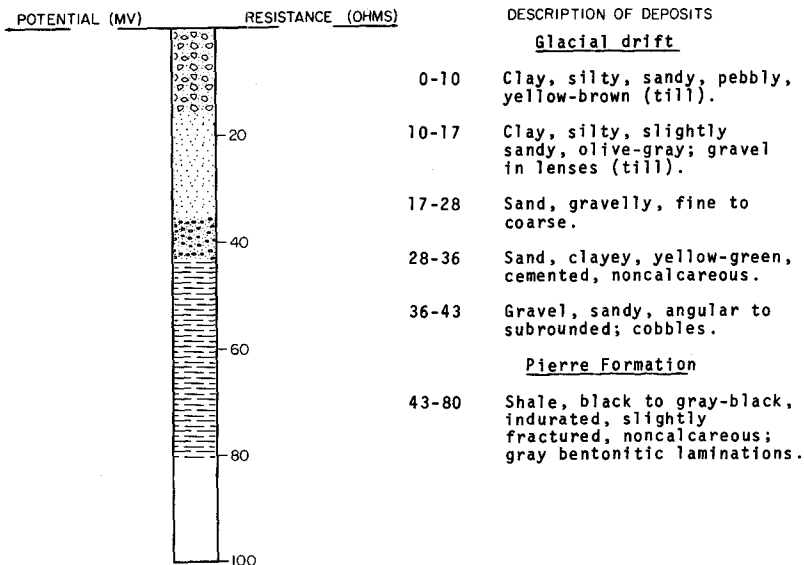
| | | | |
|--|--------------------------------------|----|-----|
| | Clay----- | 19 | 19 |
| | Sand, silt, and shale fragments----- | 52 | 71 |
| | Shale----- | 29 | 100 |

152-60-4CDB
(Log from U.S. Air Force)

Elevation:

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|----------------------------------|------------------|--------------|
| | Silt, organic, sandy----- | 1 | 1 |
| | Silt, clayey----- | 2 | 3 |
| | Clay, sandy, silty----- | 11 | 14 |
| | Clay and sand----- | 3 | 17 |
| | Sand, fine, silty----- | 5 | 22 |
| | Silt and shale----- | 3 | 25 |
| | Sand, silty----- | 2 | 27 |
| | Clay, sandy, silty----- | 6 | 33 |
| | Sand, fine, clayey----- | 4 | 37 |
| | Clay and sand, silty----- | 23 | 60 |
| | Gravel, clayey----- | 11 | 71 |
| | Sand, silty, clay and shale----- | 28.5 | 99.5 |
| | Shale and clay----- | 30.5 | 130 |

LOCATION: 152-60-4CDD NDSWC 5015 DATE DRILLED: June 1968
 ELEVATION: 1510 DEPTH: 80
 (FT, MSL) (FT)



152-60-5DDB
(Log from Reelfoot Development Company)

Elevation: 1512 ft

| <u>Geologic source</u> | <u>Depth to formation top (feet)</u> |
|-------------------------------------|--------------------------------------|
| Newcastle Formation----- | 1174 |
| Dakota Group----- | 1275 |
| Jurassic----- | 1377 |
| Devonian----- | 1564(?) |
| Lower Stony Mountain Formation----- | 1920 |
| Winnipeg Shale----- | 2540 |
| Winnipeg Sand----- | 2727 |
| Precambrian----- | 2740 |

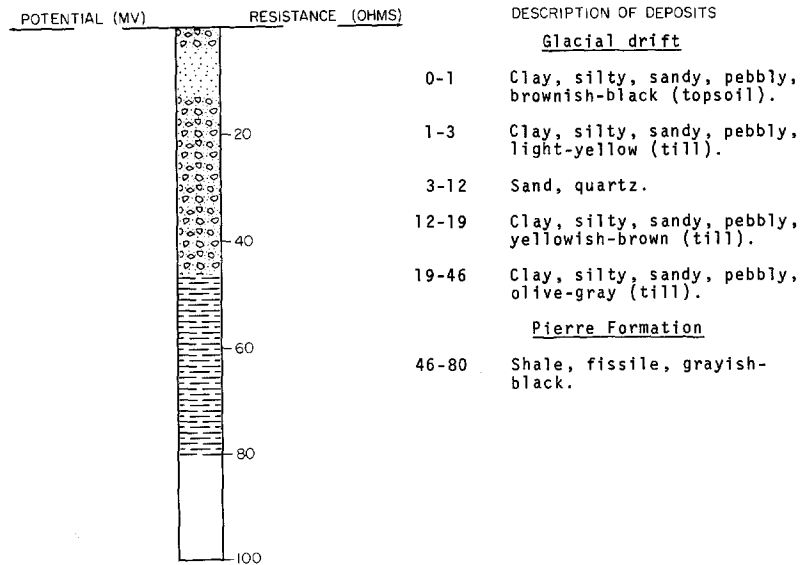
LOCATION: 152-60-23DDD

NDSWC 5010

DATE DRILLED: June 1968

ELEVATION: 1515
(FT, MSL)

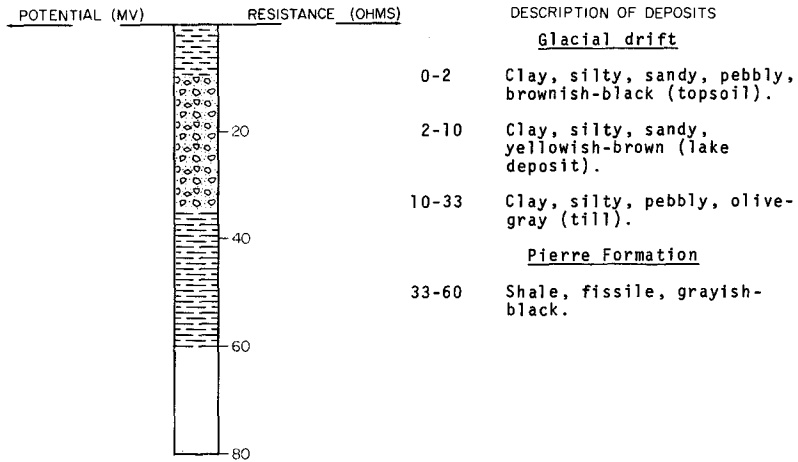
DEPTH: 80
(FT)



LOCATION: 152-60-26CCC
 ELEVATION: 1505
 (FT, MSL)

NDSWC 5009

DATE DRILLED: June 1968
 DEPTH: 60
 (FT)



152-60-36ACD
 (Log from Jack M. Johnston Drilling Company)

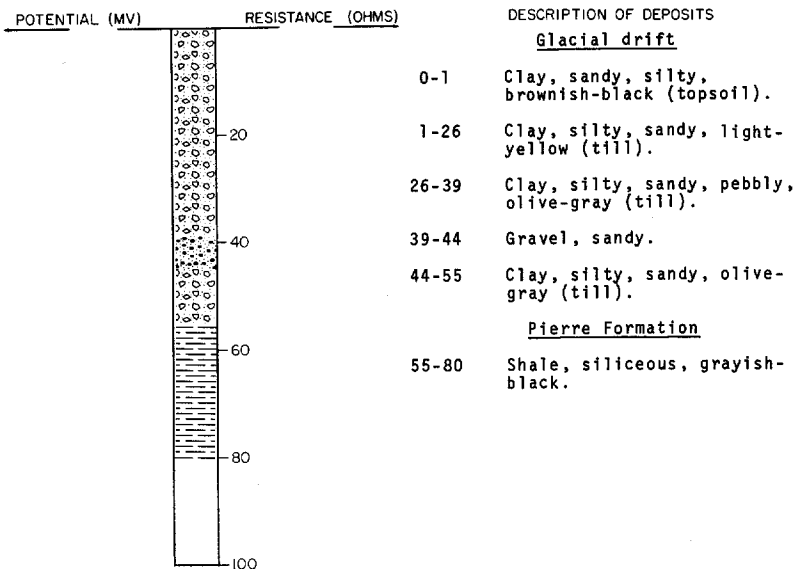
Elevation: 1407 ft

| <u>Geologic source</u> | <u>Depth to formation top (feet)</u> |
|-------------------------------|--------------------------------------|
| Niobrara Formation----- | 438 |
| Greenhorn Formation----- | 843 |
| Belle Fourche Formation----- | 953 |
| Mowry Formation----- | 1108 |
| Muddy Formation----- | 1143 |
| Skull Creek Formation----- | 1205 |
| Dakota Group----- | 1251 |
| Stony Mountain Formation----- | 1729 |
| Red River Formation----- | 1820 |

LOCATION: 152-61-10CDC
 ELEVATION: 1486
 (FT, MSL)

NDSWC 5355

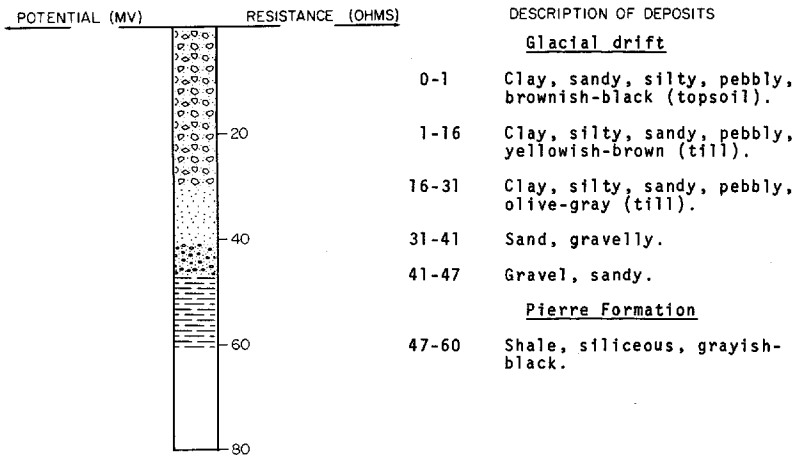
DATE DRILLED: July 1969
 DEPTH: 80
 (FT)



LOCATION: 152-61-16ABB
 ELEVATION: 1505
 (FT, MSL)

NDSWC 5356

DATE DRILLED: July 1969
 DEPTH: 60
 (FT)



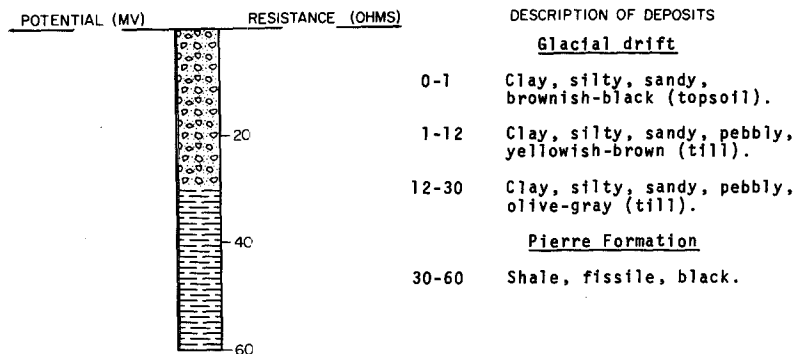
LOCATION: 152-61-16CCC

NDSWC 5007

DATE DRILLED: June 1968

ELEVATION: 1490
(FT, MSL)

DEPTH: 60
(FT)



152-61-18BCA
(Log from U.S. Air Force)

Elevation:

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Clay, silty----- | 48 | 48 |
| | Sand, fine to medium, silty----- | 7 | 55 |
| | Shale, fractured and crushed; bento- nitic in part----- | 48 | 103 |
| | Shale, slightly fractured----- | 27 | 130 |

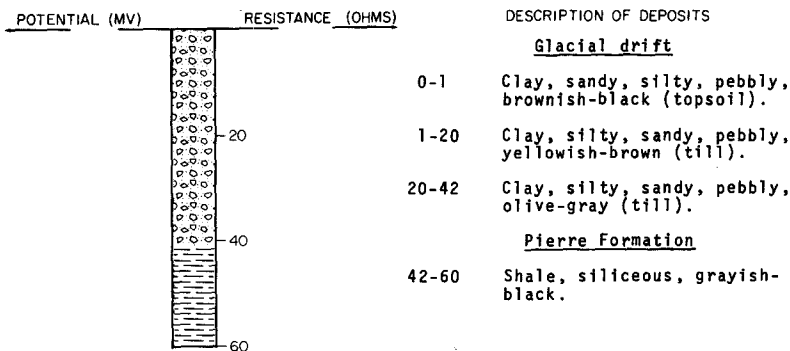
LOCATION: 152-61-19BCC

NDSWC 5359

DATE DRILLED: July 1969

ELEVATION: 1485
(FT, MSL)

DEPTH: 60
(FT)

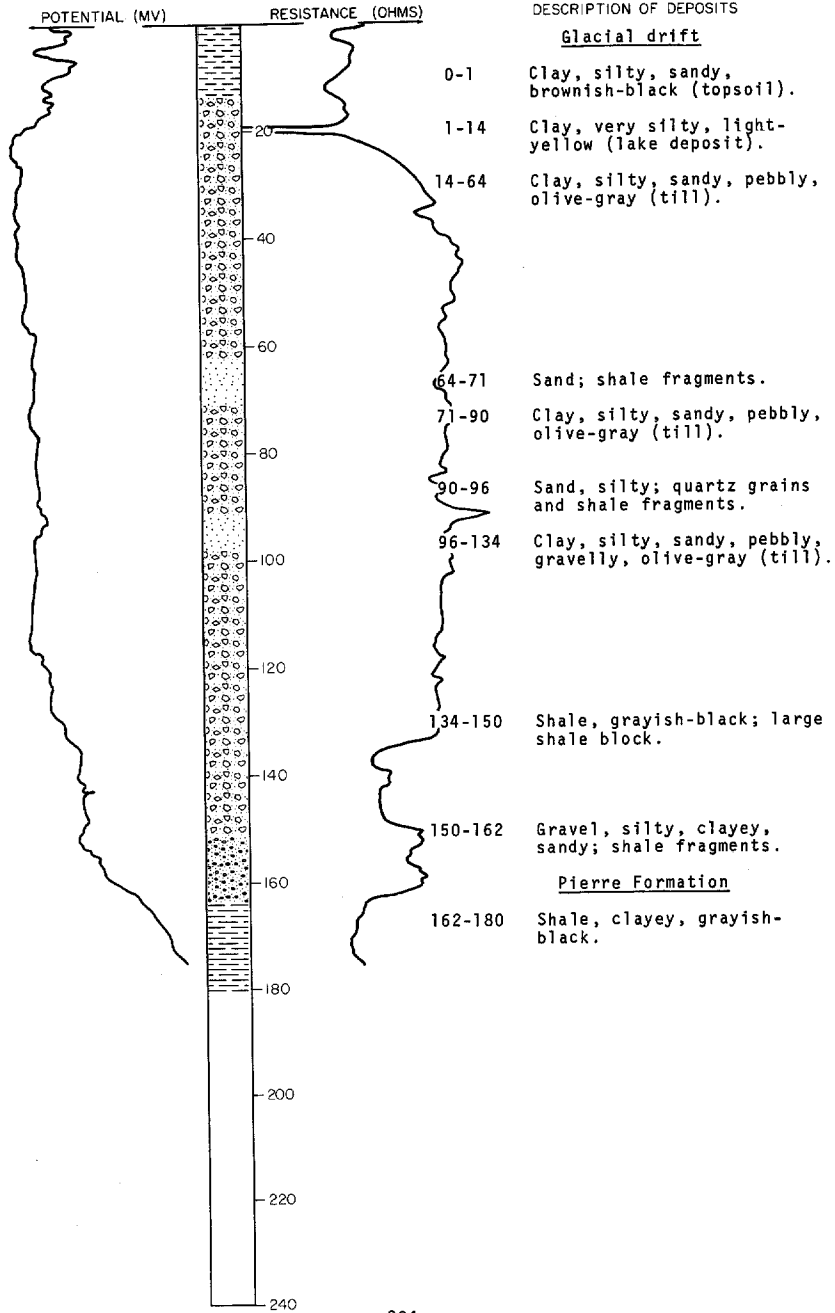


LOCATION: 152-61-26AAD
ELEVATION: 1440
(FT, MSL)

NDSWC 5441

DATE DRILLED: September 1969

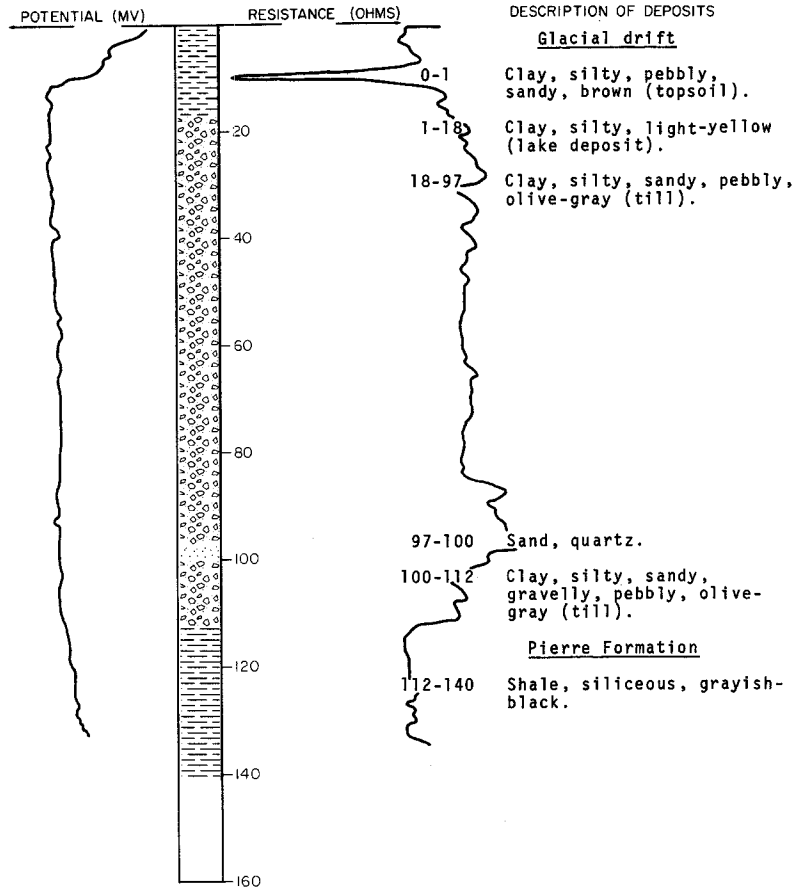
DEPTH: 180
(FT)



LOCATION: 152-61-26CCC
 ELEVATION: 1440
 (FT, MSL)

NDSWC 5436

DATE DRILLED: August 1969
 DEPTH: 140
 (FT)



152-61-26CDD
 NDGS N19

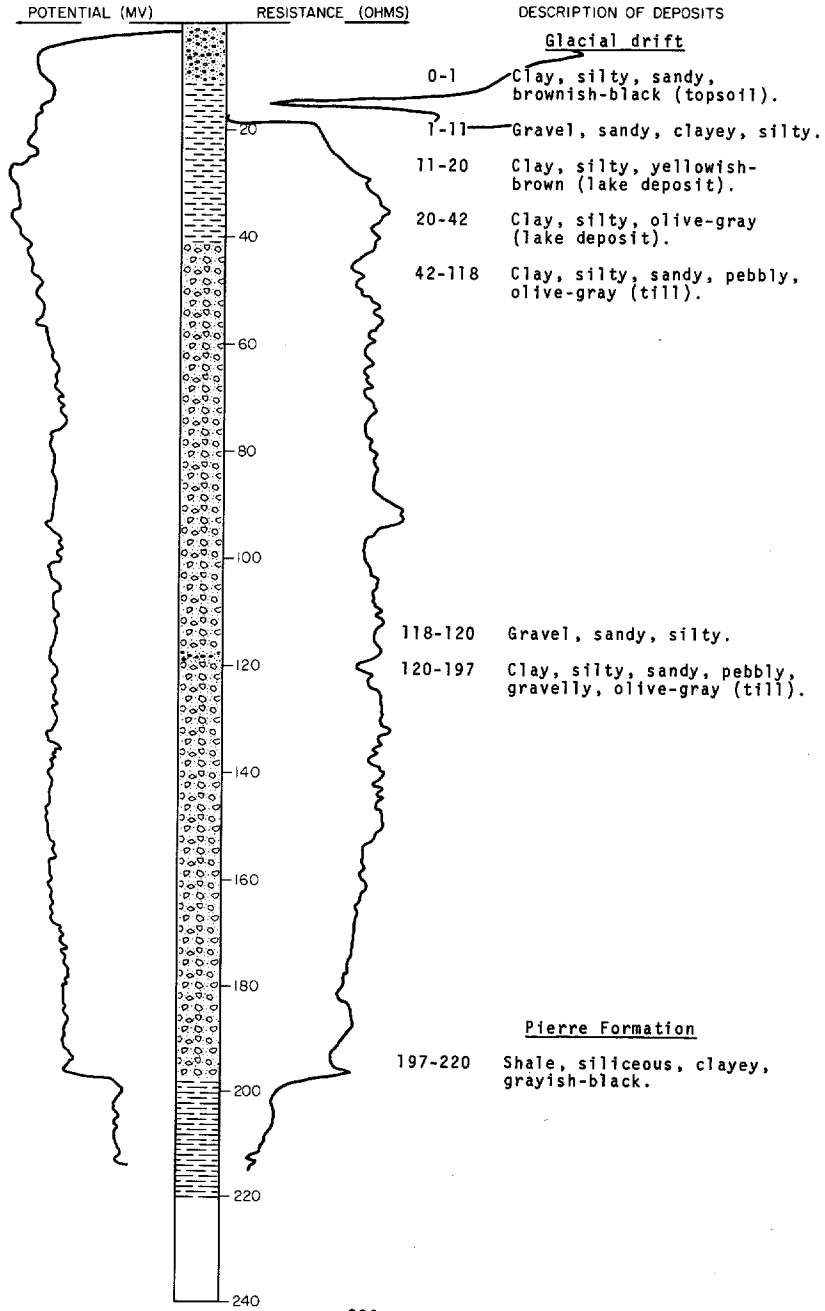
Elevation: 1426 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-----------------------|------------------|--------------|
| | Silt, oxidized----- | 18 | 18 |
| | Silt, unoxidized----- | 6 | 24 |
| | Till, unoxidized----- | 1 | 25 |

LOCATION: 152-61-27ADB1
ELEVATION: 1442
(FT, MSL)

NDSWC 5438

DATE DRILLED: August 1969
DEPTH: 220
(FT)



152-61-27ADB2
NDGS N20

Elevation: 1440 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------------|-------------------------|---------------------|
| | Silt, oxidized----- | 20 | 20 |
| | Silt, unoxidized----- | 5 | 25 |
| | Silt, clayey, sandy----- | 5 | 30 |

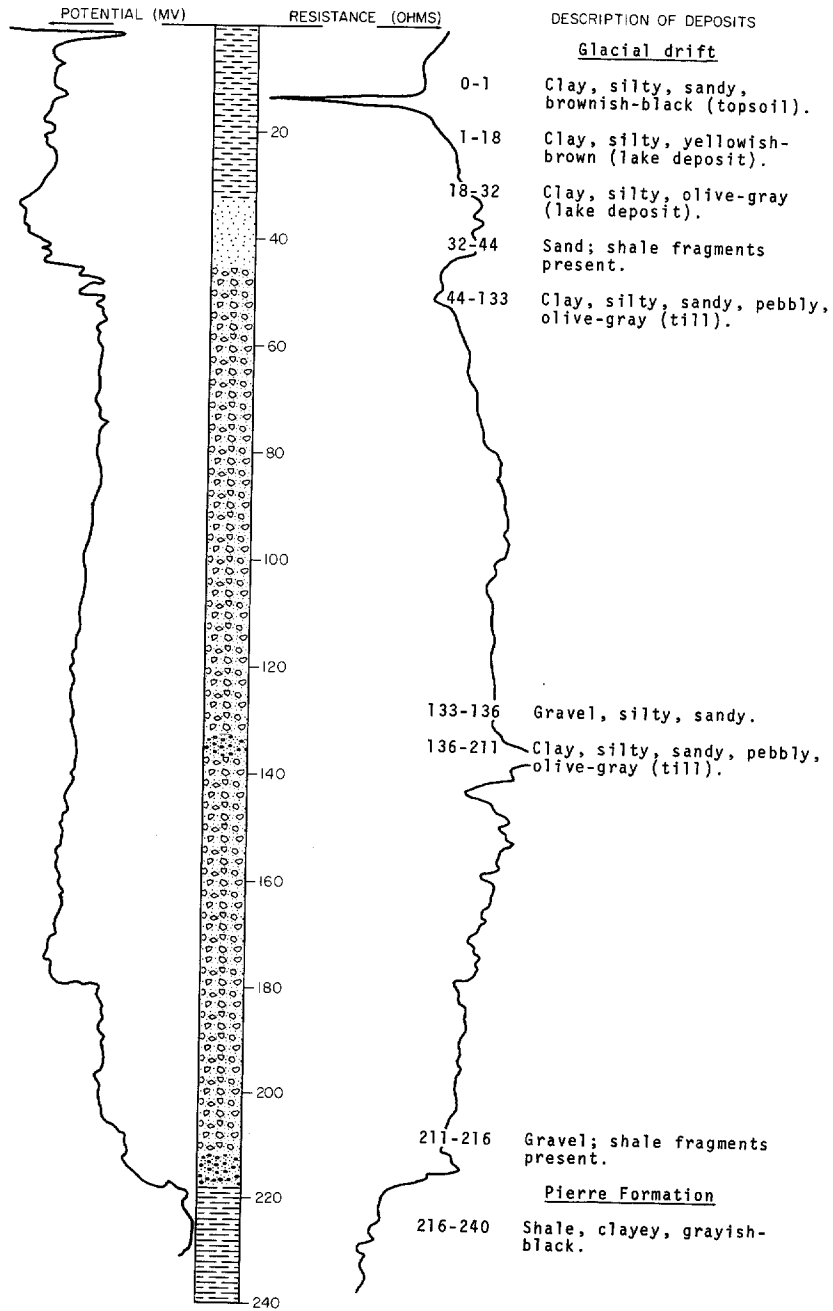
LOCATION: 152-61-27ADC

NDSWC 5439

DATE DRILLED: August 1969

ELEVATION: 1440
(FT, MSL)

DEPTH: 240
(FT)



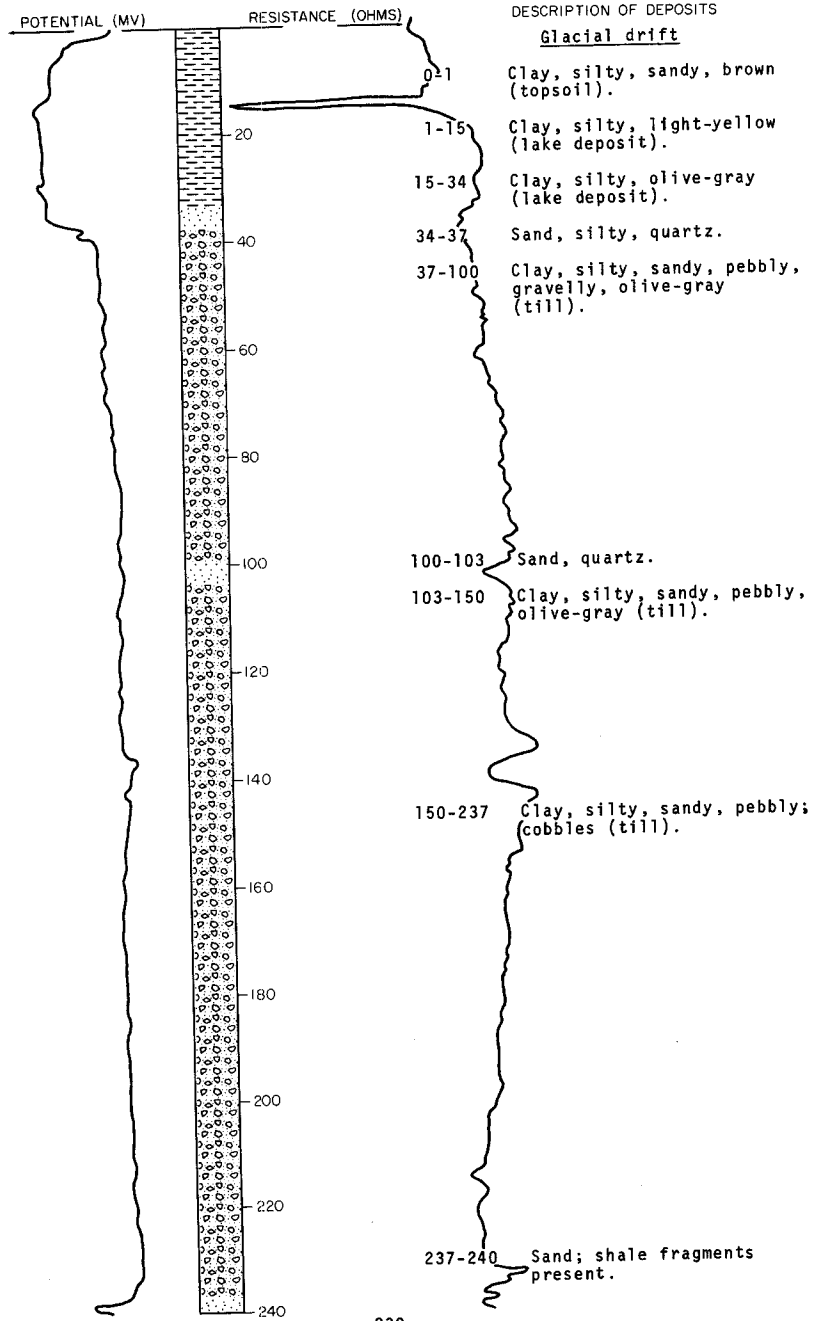
LOCATION: 152-61-27DAB

NDSWC 5437

DATE DRILLED: August 1969

ELEVATION: 1435
(FT, MSL)

DEPTH: 280
(FT)



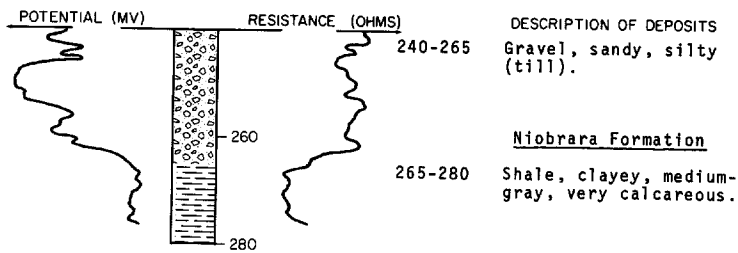
LOCATION: 152-61-27DAB

NDSWC 5437, Continued

DATE DRILLED: August 1969

ELEVATION: 1435
(FT, MSL)

DEPTH: 280
(FT)



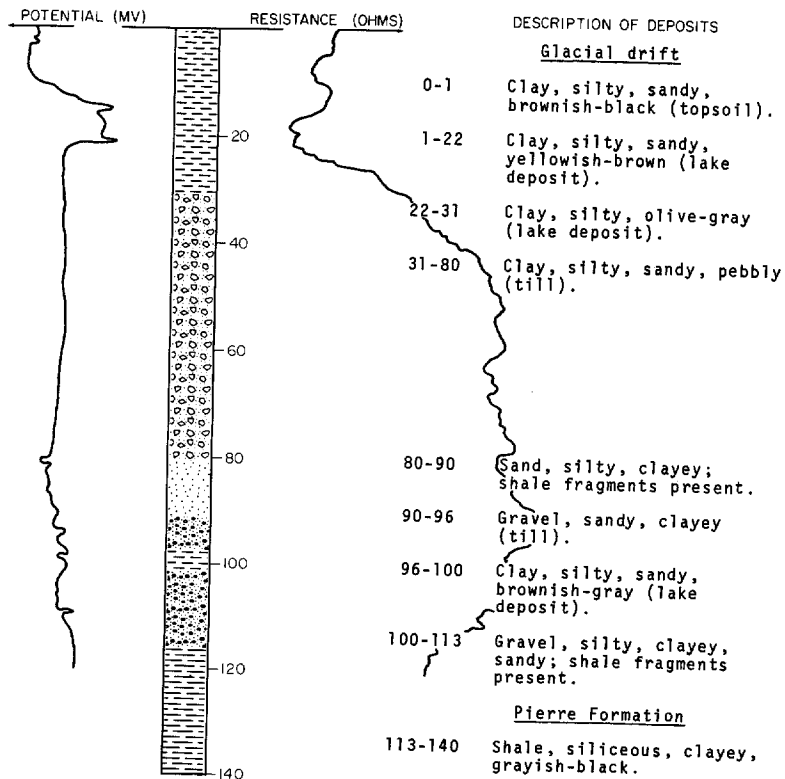
LOCATION: 152-61-27DAC

NDSWC 5440

DATE DRILLED: August 1969

ELEVATION: 1443
(FT, MSL)

DEPTH: 140
(FT)



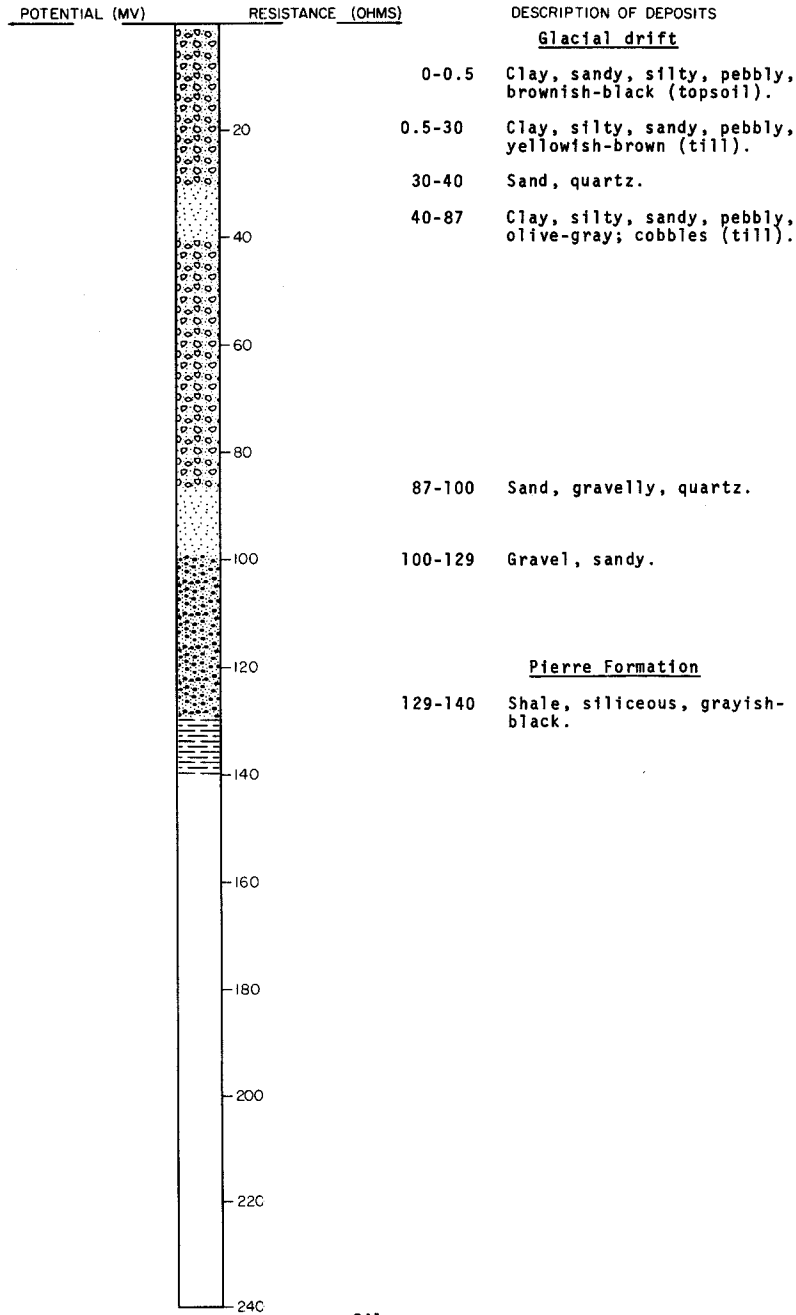
LOCATION: 152-61-27DCD

NDSWC 5354

DATE DRILLED: July 1969

ELEVATION: 1460
(FT, MSL)

DEPTH: 140
(FT)



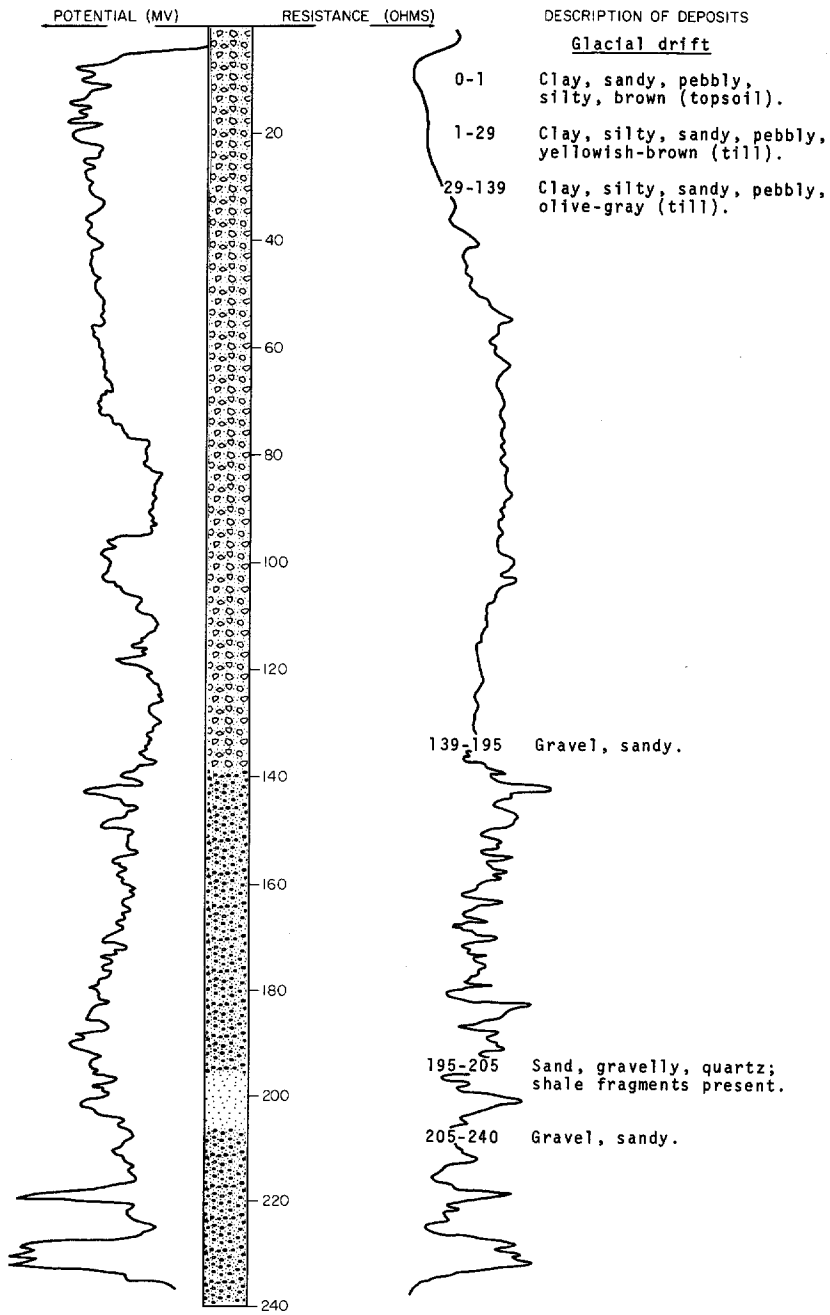
LOCATION: 152-61-29AAA

NDSWC 5357

DATE DRILLED: July 1969

ELEVATION: 1456
(FT, MSL)

DEPTH: 280
(FT)



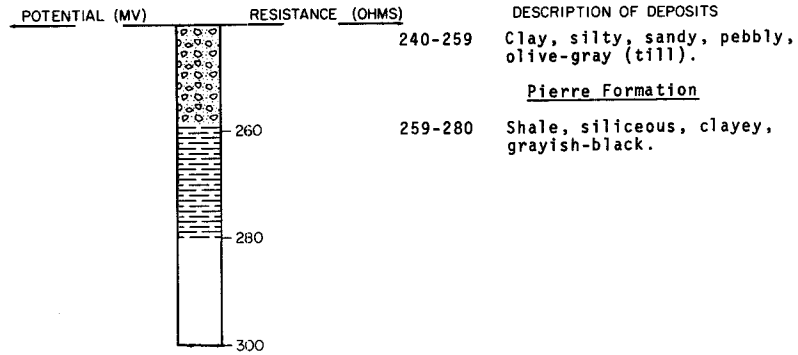
NDSWC 5357, Continued

LOCATION: 152-61-29AAA

DATE DRILLED: July 1969

ELEVATION: 1456
(FT, MSL)

DEPTH: 280
(FT)



152-61-29AAD
NDGS N5

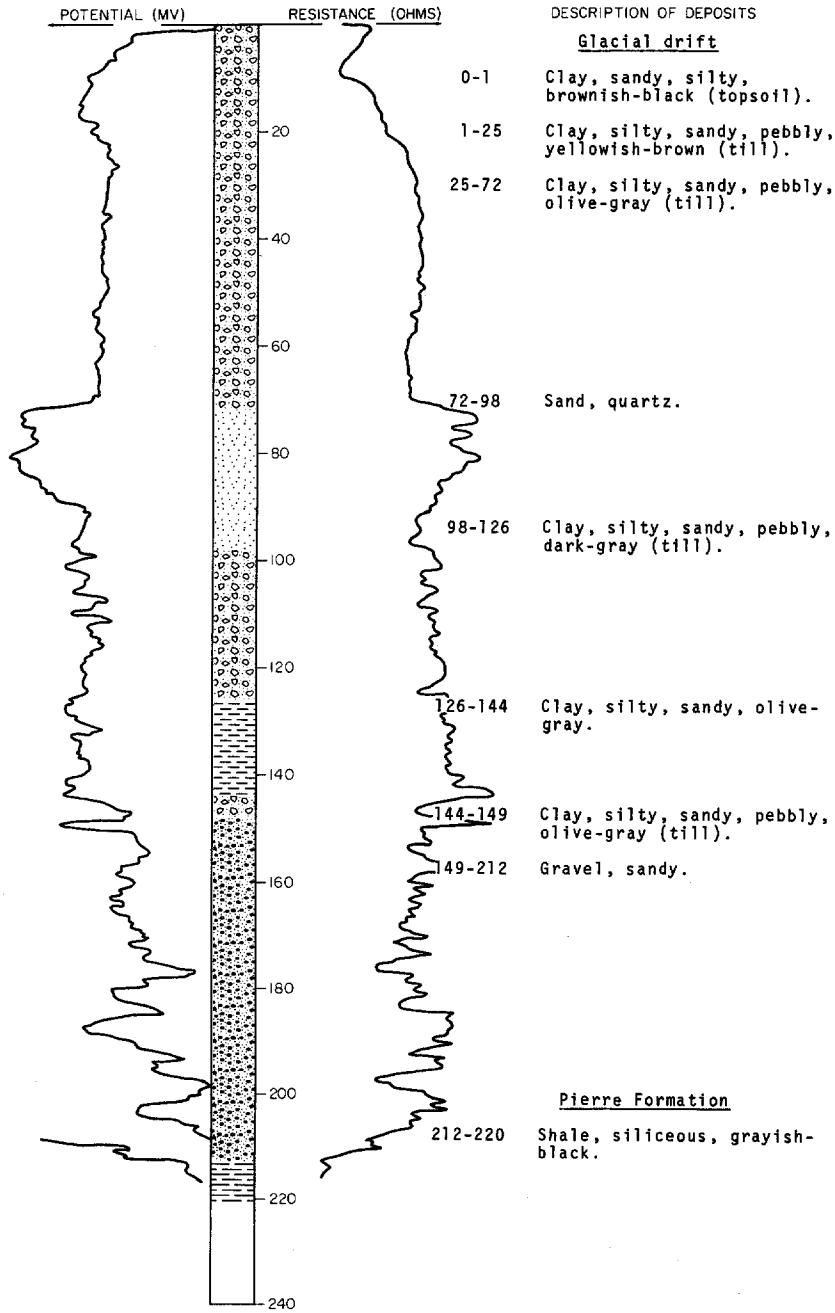
Elevation:

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Till, boulders near top, increase in sand content with depth----- | 16 | 16 |
| | Till, unoxidized----- | 33 | 49 |

LOCATION: 152-61-30BBB
ELEVATION: 1460
(FT, MSL)

NDSWC 5358

DATE DRILLED: July 1969
DEPTH: 220
(FT)

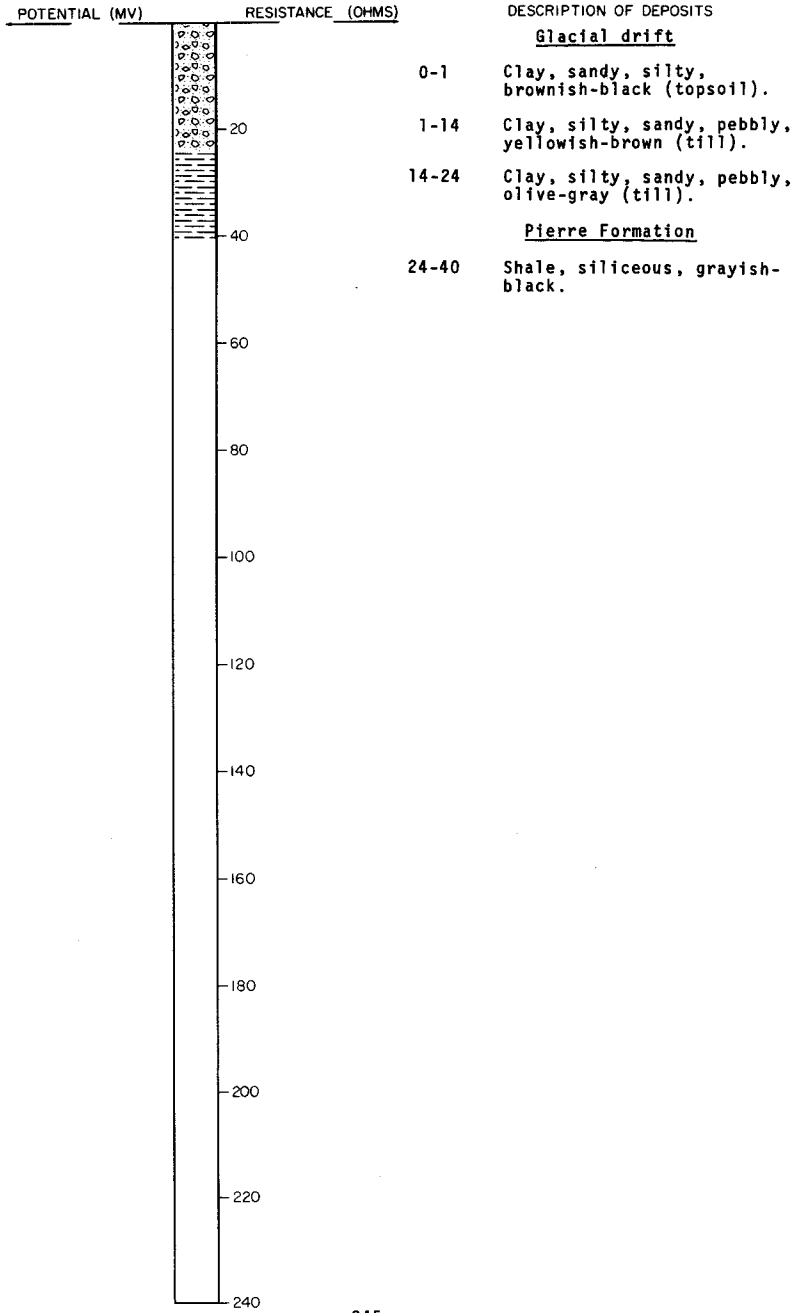


LOCATION: 152-61-30BCC
ELEVATION: 1484
(FT, MSL)

NDSWC 5360

DATE DRILLED: July 1969

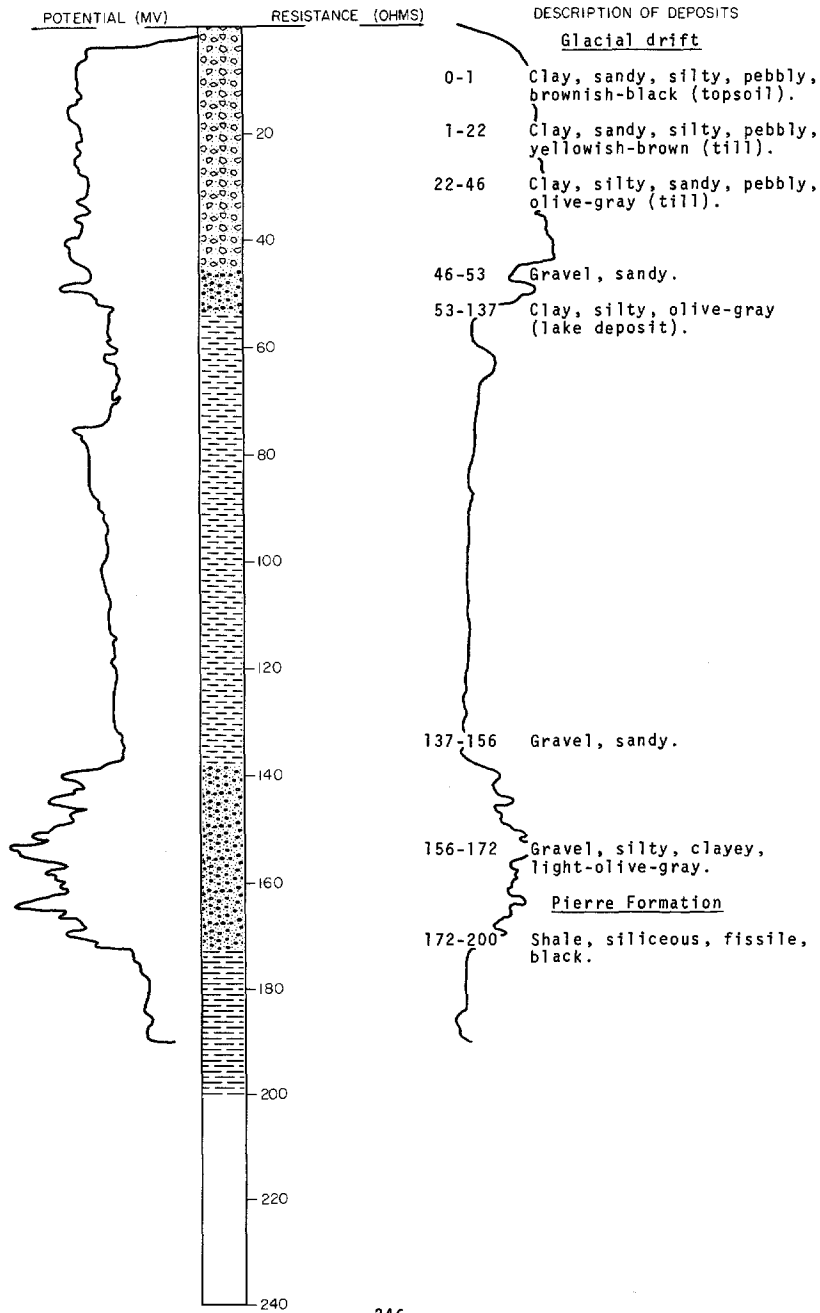
DEPTH: 40
(FT)



LOCATION: 152-61-338CC
ELEVATION: 1508
(FT, MSL)

NDSWC 5006

DATE DRILLED: June 1968
DEPTH: 200
(FT)



152-61-34DAB
(Log from Ringdahl Drilling)

Elevation: 1445 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|------------------|------------------|--------------|
| | Yellow clay----- | 12 | 12 |
| | Gravel----- | 6 | 18 |
| | Blue clay----- | 8 | 26 |
| | Shale----- | 44 | 70 |

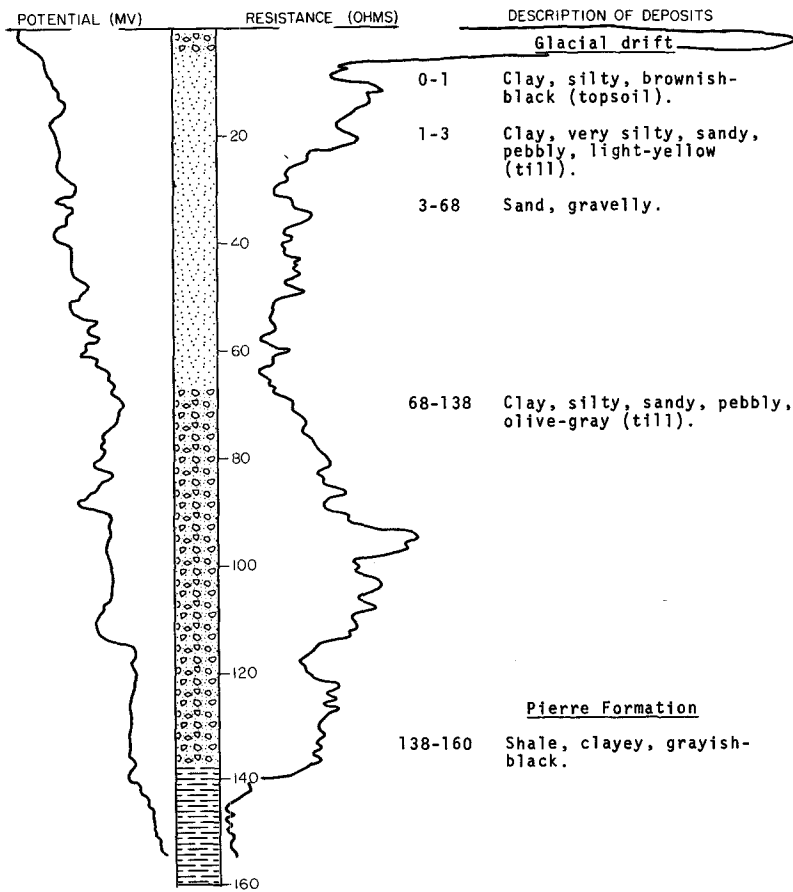
NDSWC 5435

LOCATION: 152-61-35ABB

DATE DRILLED: August 1969

ELEVATION: 1425
(FT, MSL)

DEPTH: 160
(FT)



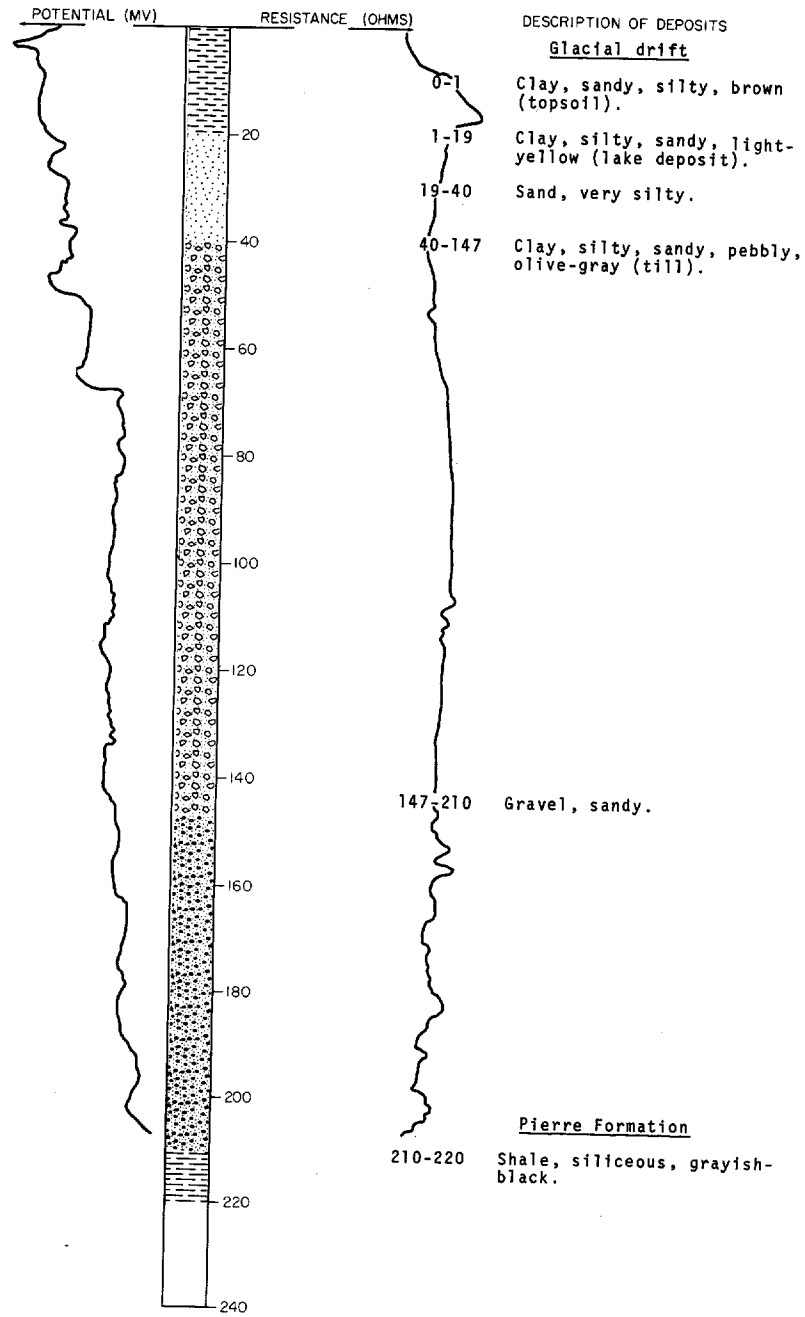
LOCATION: 152-61-35BAA

NDSWC 5353

DATE DRILLED: July 1969

ELEVATION: 1427
(FT, MSL)

DEPTH: 220
(FT)



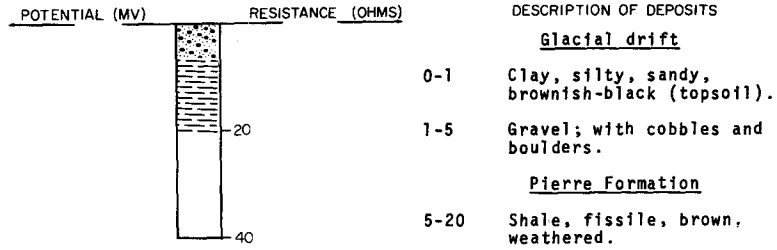
NDSWC 5008

LOCATION: 152-61-36AAA

DATE DRILLED: June 1968

ELEVATION: 1470
(FT, MSL)

DEPTH: 20
(FT)



152-61-36BAA
NDGS N17

Elevation: 1440 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------|-------------------------|---------------------|
| | Till----- | 10 | 10 |

152-61-36BBB
NDGS N18

Elevation: 1424 ft

| | | |
|----------------------------|----|----|
| Silt, sandy----- | 15 | 15 |
| Silt, sandy, gravelly----- | 5 | 20 |
| Unoxidized till----- | 5 | 25 |

153-57-5DDC
NDGS N1

Elevation:

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Fill----- | 5 | 5 |
| | Clay, sandy, recent alluvium----- | 5 | 10 |
| | Sand, silty, alluvium----- | 5 | 15 |
| | Gravelly clay loam (till)----- | 1 | 16 |
| | Sand, silty, coarse----- | 1 | 17 |
| | Till, sandy, unoxidized----- | 2 | 19 |
| | Sand, silty, gravelly, coarse----- | 3 | 22 |
| | Shale, fractured, Pierre Formation(?)--- | -- | -- |

153-57-9CAA
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | | |
|--|--------------------|-----|-----|
| | Clay, silty----- | 18 | 18 |
| | Shale, clayey----- | 5 | 23 |
| | Shale----- | 107 | 130 |

153-58-4CAA
(Log from U.S. Air Force)

Elevation: 1500 ft

| | | | |
|--|--------------------------|-----|------|
| | Clay, silty----- | 30 | 30 |
| | Pierre shale----- | 356 | 386 |
| | Niobrara Formation----- | 374 | 760 |
| | Greenhorn Formation----- | 320 | 1080 |
| | Dakota Group----- | 123 | 1203 |

153-58-4CCC
USGS test 2
(Log from Aronow and others, 1953)

Elevation: 1505 ft

| | | | |
|--|------------------------|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Till, light-gray----- | 3 | 4 |
| | Till, light-brown----- | 8 | 12 |
| | Till, gray----- | 18 | 30 |
| | Pierre shale----- | 2 | 32 |

153-58-5AAA
USGS test 1
(Log from Aronow and others, 1953)

Elevation: 1505 ft

| | | | |
|--|--|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Sand, light-brown, very fine to very coarse, and gravel, medium----- | 6 | 7 |
| | Till, gray----- | 17 | 24 |
| | Pierre shale, gray----- | 6 | 30 |

153-58-8DDD
 USGS test 3
 (Log from Aronow and others, 1953)

Elevation: 1505 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------|-------------------------|---------------------|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty----- | 3 | 4 |
| | Till, light-brown----- | 11 | 15 |
| | Till, gray----- | 7 | 22 |
| | Pierre shale, gray----- | 8 | 30 |

153-58-17DDD
 USGS test 4
 (Log from Aronow and others, 1953)

Elevation: 1495 ft

| | | | |
|--|-------------------------------|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty----- | 4 | 5 |
| | Till, light-brown----- | 11 | 16 |
| | Sand and gravel, gray----- | 1 | 17 |
| | Till, gray----- | 4 | 21 |
| | Sand and gravel, gray----- | 3 | 24 |
| | Till, gray----- | 7 | 31 |
| | Pierre shale, gray----- | 8 | 39 |

153-58-20DDD
 USGS test 5
 (Log from Aronow and others, 1953)

Elevation: 1505 ft

| | | | |
|--|-------------------------|----|-----|
| | Topsoil, black----- | 1 | 1 |
| | Till, light-brown----- | 13 | 14 |
| | Till, gray----- | 28 | 42 |
| | Pierre shale, gray----- | 78 | 120 |

153-58-29CCD
 USGS test 24
 (Log from Aronow and others, 1953)

Elevation: 1500 ft

| | | | |
|--|------------------------|----|----|
| | Till, light-brown----- | 10 | 10 |
| | Till, gray----- | 17 | 27 |

153-58-29DDC
 USGS test 23
 (Log from Aronow and others, 1953)

Elevation: 1500 ft

| | | | |
|--|---|----|----|
| | Sand, light-brown, and gravel, medium, well-sorted and free of clay----- | 7 | 7 |
| | Shale gravel, light-brown, very sandy and clayey----- | 15 | 22 |

153-58-31CCD
 USGS test 29
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---|------------------|--------------|
| | Clay, gray-brown, silty and sandy----- | 3 | 3 |
| | Sand, light-brown----- | 4 | 7 |
| | Sand, gray, fine to medium, and shale gravel, fine, slightly clayey----- | 13 | 20 |
| | Shale gravel, gray, coarse, some lime- stone, sandy----- | 8 | 28 |

153-58-32BBA
 USGS test 25
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|--|----|----|
| | Sand, light-brown, and gravel, medium, clayey----- | 7 | 7 |
| | Sand, light-brown, coarse, and some shale gravel, fine----- | 10 | 17 |
| | Gravel, gray, medium, and some sand, clayey----- | 12 | 29 |
| | Pierre shale, gray----- | 3 | 32 |

153-58-32CCD1
 USGS test 30
 (Log from Aronow and others, 1953)

Elevation: 1520 ft

| | | | |
|--|--|----|----|
| | Sand, light-brown----- | 5 | 5 |
| | Gravel, light-brown, some shale, fairly free of clay----- | 4 | 9 |
| | Shale gravel, gray, fine to coarse, very clayey----- | 24 | 33 |
| | Pierre shale, gray----- | 3 | 36 |

153-58-32CCD2
 Michigan City test 3
 (Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|--|----|----|
| | Yellow clay with sand and gravel (till)- | 17 | 17 |
| | Sand and gravel, clayey (till)----- | 7 | 24 |
| | Blue clay, sticky, mixed with shale gravel (gravelly till)----- | 6 | 30 |

153-58-32DAC1
 Michigan City supply 2
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|-------------------------|----|-----|
| | Yellow clay (till)----- | 10 | 10 |
| | Blue clay (till)----- | 22 | 32 |
| | Shale----- | 72 | 104 |

153-58-32DBA1
Michigan City supply 1
(Log from Aronow and others, 1953)

Elevation: 1520 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------|-------------------------|---------------------|
| | Yellow clay (till)----- | 10 | 10 |
| | Blue clay (till)----- | 20 | 30 |
| | Shale----- | 85 | 115 |

153-58-32DBC1
Michigan City test 1
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|-------------------------|----|-----|
| | Till, light-brown----- | 29 | 29 |
| | Till, gray----- | 1 | 30 |
| | Pierre shale, gray----- | 85 | 115 |

153-58-32DCC
USGS test 31
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|--|----|----|
| | Sand, light-brown, medium----- | 7 | 7 |
| | Gravel, gray, fine to medium, and sand-- | 25 | 32 |
| | Pierre shale, gray----- | 5 | 37 |

153-58-32DCD
Carl Dahl
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|--|----|-----|
| | Till, light-brown, with layers of silty sand and gravel----- | 20 | 20 |
| | Till, gray----- | 8 | 28 |
| | Gravel, medium to coarse----- | 1 | 29 |
| | Gradational contact between till and shale----- | 6 | 35 |
| | Pierre shale, gray----- | 65 | 100 |

153-58-32DDA1
Great Northern test 1
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|----------------------------|----|-----|
| | Sand and clay (till)----- | 24 | 24 |
| | Dirty sand with water----- | 2 | 26 |
| | Shale----- | 44 | 70 |
| | Shale with water----- | 5 | 75 |
| | Shale----- | 35 | 110 |

153-58-32DDA2
Great Northern test 2
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|------------------------------|------------------|--------------|
| | Sand and clay (till)----- | 25 | 25 |
| | Sand with surface water----- | 2 | 27 |
| | Shale----- | 45 | 72 |
| | Loose shale with water----- | 6 | 78 |
| | Shale----- | 37 | 115 |

153-58-32DDC2
Michigan City supply 3
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|---|----|-----|
| | Soil----- | 3 | 3 |
| | Yellow clay and some sand and gravel (till)----- | 12 | 15 |
| | Blue clay (till)----- | 11 | 26 |
| | Sand and gravel----- | 2 | 28 |
| | Shale----- | 80 | 108 |

153-58-33CCB
Great Northern test 3
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|--------------------------------|----|-----|
| | Sand and clay (till)----- | 25 | 25 |
| | Sand with surface water----- | 3 | 28 |
| | Shale----- | 35 | 63 |
| | Shale with a little water----- | 1 | 64 |
| | Shale----- | 12 | 76 |
| | Loose shale with water----- | 4 | 80 |
| | Shale----- | 30 | 110 |
| | Gray shale----- | 10 | 120 |

153-58-33CDD
USGS test 33
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|------------------------|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Till, light-brown----- | 14 | 16 |
| | Till, gray----- | 18 | 34 |
| | Shale, gray----- | 2 | 36 |

153-58-33DCC
USGS test 34
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 3 | 4 |
| | Till, light-brown----- | 8 | 12 |
| | Till, gray----- | 28 | 40 |
| | Pierre shale, gray----- | 2 | 42 |

153-58-33DCD
 USGS test 35
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil, black----- | 2 | 2 |
| | Till, light-brown----- | 14 | 16 |
| | Till, gray----- | 11 | 27 |
| | Sand, gray, coarse, and shale gravel, fine----- | 7 | 34 |
| | Till, gray----- | 6 | 40 |
| | Pierre shale, gray----- | 2 | 42 |

153-58-33DDD
 USGS test 36
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|-----------------------------------|----|----|
| | Clay, light-brown----- | 5 | 5 |
| | Till, light-brown----- | 16 | 21 |
| | Till, gray----- | 8 | 29 |
| | Shale gravel, medium, clayey----- | 3 | 32 |
| | Till, gray----- | 17 | 49 |
| | Pierre shale, gray----- | 1 | 50 |

153-58-34CCD
 USGS test 37
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|---|----|----|
| | Clay, light-brown, silty and sandy----- | 5 | 5 |
| | Sand, light-brown, very fine to very coarse, clayey----- | 10 | 15 |
| | Shale sand, gray, very coarse, clayey--- | 23 | 38 |
| | Pierre shale, gray----- | 2 | 40 |

153-58-34CDC
 USGS test 38
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|---|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, light-brown, silty and sandy----- | 5 | 6 |
| | Till, gray----- | 24 | 30 |
| | Pierre shale, gray----- | 2 | 32 |

153-58-34DCC
 USGS test 39
 (Log from Aronow and others, 1953)

Elevation: 1510 ft

| | | | |
|--|---|----|----|
| | Clay, light-brown, silty and sandy----- | 9 | 9 |
| | Till, light-brown----- | 8 | 17 |
| | Sand, gray, coarse, and gravel, fine, very clayey----- | 13 | 30 |
| | Till, gray----- | 15 | 45 |
| | Pierre shale, gray----- | 7 | 52 |

153-58-35CCD
USGS test 40
(Log from Aronow and others, 1953)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------------|-------------------------|---------------------|
| | Till, light-brown----- | 17 | 17 |
| | Till, light-gray----- | 5 | 22 |
| | Shale gravel, gray, clayey----- | 22 | 44 |
| | Till, gray----- | 5 | 49 |
| | Pierre shale, gray----- | 1 | 50 |

153-58-36BCA
(Log from U.S. Air Force)

Elevation: 1510 ft

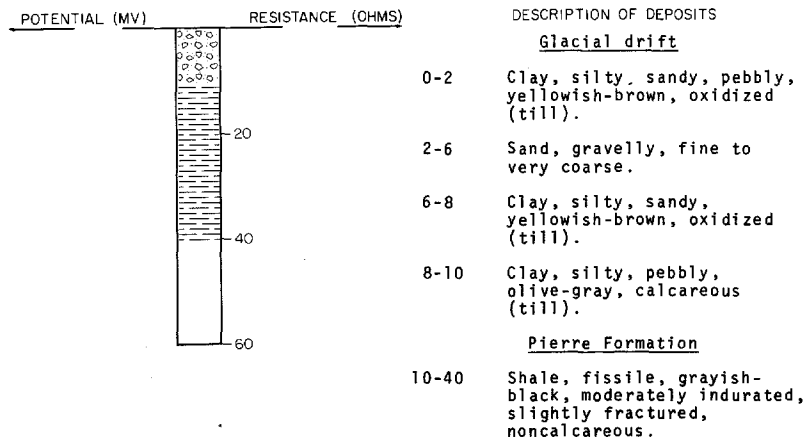
| | | | |
|--|-------------------------------|------|------|
| | Clay and silt----- | 39.5 | 39.5 |
| | Shale, fractured----- | 2.5 | 42 |
| | Shale (Pierre Formation)----- | 88 | 130 |

153-59-4DBA
(Log from Rainsberry Drilling)

Elevation: 1520 ft

| | | | |
|--|------------------------------------|----|----|
| | Topsoil----- | 2 | 2 |
| | Fine sand----- | 35 | 37 |
| | Gray fine sand----- | 13 | 50 |
| | Blue clay----- | 5 | 55 |
| | Blue clay and shale fragments----- | 10 | 65 |
| | Shale (Pierre Formation)----- | 2 | 67 |

LOCATION: 153-59-6CCC TEST HOLE 5016 DATE DRILLED: June 1968
ELEVATION: 1514 DEPTH: 40
(FT, MSL) (FT)



153-59-1588D
(Log from U.S. Air Force)

Elevation:

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|------------------------------|------------------|--------------|
| | Clay----- | 21 | 21 |
| | Shale, fractured----- | 21 | 42 |
| | Shale, unfractured----- | 26 | 68 |
| | Shale, highly fractured----- | 62 | 130 |

153-59-25CCD
NDGS N4

Elevation:

| | | | |
|--|--|----|----|
| | Loam, sandy, gravelly (till)----- | 22 | 22 |
| | Loam, gravelly, clayey, unoxidized (till)----- | 12 | 34 |

153-59-31BAA
USGS test 109
(Log from Powell and Jones, 1962)

Elevation: 1520 ft

| Till and associated sand and gravel deposits: | | | |
|---|---|----|----|
| | Topsoil, black----- | 2 | 2 |
| | Till, dark-brown, noncalcareous----- | 2 | 4 |
| | Sand, fine to very coarse, brown----- | 6 | 10 |
| | Till, brownish-gray----- | 5 | 15 |
| | Till, light-gray----- | 10 | 25 |
| | Till, light-gray, noncalcareous----- | 4 | 29 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous; limestone pebbles----- | 11 | 40 |

153-59-32BBB
USGS test 110
(Log from Powell and Jones, 1962)

Elevation: 1517 ft

| Till and associated sand and gravel deposits: | | | |
|---|---|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Till, buff----- | 3 | 4 |
| | Sand, medium to coarse; fine gravel and shale pebbles----- | 3 | 7 |
| | Till, yellowish-brown----- | 5 | 12 |
| | Till, grayish-brown----- | 14 | 26 |
| | Gravel----- | 4 | 30 |
| | Sand, coarse to very coarse----- | 5 | 35 |
| | Gravel----- | 5 | 40 |
| | Sand, coarse to very coarse----- | 6 | 46 |
| Pierre Shale: | | | |
| | Shale, light-gray, noncalcareous; angular chips, limestone pebbles----- | 4 | 50 |

153-59-32DDD
 USGS test 20A
 (Log from Powell and Jones, 1962)

Elevation: 1525 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|---------------------|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellow----- | 13 | 14 |
| | Till, gray----- | 24 | 38 |
| Pierre Shale: | | | |
| | Shale, gray----- | 7 | 45 |

153-59-34DDD
 USGS test 26
 (Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|-------------------------|----|----|
| | Topsoil, black----- | 1 | 1 |
| | Till, light-brown----- | 15 | 16 |
| | Till, gray----- | 22 | 38 |
| | Pierre shale, gray----- | 2 | 40 |

153-59-36CCC
 USGS test 27
 (Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|--|----|----|
| | Clay, light-brown, silty and sandy----- | 2 | 2 |
| | Sand, light-brown, medium, clayey----- | 6 | 8 |
| | Sand, light-brown, medium to coarse, some shale, clayey----- | 15 | 23 |
| | Gravel, gray, fine to coarse, some shale | 9 | 32 |

153-59-36DCC
 USGS test 28
 (Log from Aronow and others, 1953)

Elevation:

| | | | |
|--|---|----|----|
| | Clay, light-brown, silty and sandy----- | 2 | 2 |
| | Gravel, light-brown, medium, slightly clayey----- | 10 | 12 |
| | Gravel, gray, fine to coarse, clayey--- | 15 | 27 |
| | Gravel, coarse----- | 5 | 32 |
| | Pierre shale, gray----- | 2 | 34 |

153-60-7AAA
 (Log from Rainsberry Drilling)

Elevation:

| | | | |
|--|------------------|----|-----|
| | Yellow clay----- | 25 | 25 |
| | Sandy silt----- | 25 | 50 |
| | Shale----- | 50 | 100 |

153-60-15AAC
(Log from U.S. Air Force)

Elevation: 1515 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Clay, silty, and lenses of clayey gravel----- | 29 | 29 |
| | Shale, fractured----- | 20 | 49 |
| | Shale (Pierre Formation)----- | 81 | 130 |

153-60-16AAB2
(Log from Rainsberry Drilling)

Elevation: 1515 ft

| | | | |
|--|------------------|----|-----|
| | Yellow clay----- | 20 | 20 |
| | Blue clay----- | 20 | 40 |
| | Gravel----- | 10 | 59 |
| | Blue clay----- | 15 | 65 |
| | Shale----- | 40 | 105 |

153-60-22ACB
USGS test 25A
(Log from Powell and Jones, 1962)

Elevation: 1510 ft

| | | | |
|---|--|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, grayish-tan----- | 3 | 4 |
| | Sand, fine to coarse; fine gravel----- | 2 | 6 |
| | Till, grayish-tan----- | 2 | 8 |
| | Till, gray; shale pebbles----- | 10 | 18 |

153-60-22ACC
USGS test 24A
(Log from Powell and Jones, 1962)

Elevation: 1505 ft

| | | | |
|---|---------------------------------------|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 2 | 2 |
| | Sand, very coarse; medium gravel----- | 8 | 10 |
| | Sand, very coarse, clayey, gray----- | 6 | 16 |
| | Till, gray----- | 6 | 22 |
| | Till, gray; shale pebbles----- | 2 | 24 |
| Pierre Shale: | | | |
| | Shale, gray----- | 11 | 35 |

153-60-22BDA
USGS test 26A
(Log from Powell and Jones, 1962)

Elevation: 1504 ft

| | | | |
|---|--|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Sand, medium to coarse; fine gravel----- | 7 | 8 |
| | Till, gray----- | 16 | 24 |
| Pierre Shale: | | | |
| | Shale, gray----- | 6 | 30 |

153-60-22DBA
 City of Lakota (No. 1)
 (Log from Powell and Jones, 1962)

Elevation: 1505 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|----------------------|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Sand and gravel----- | 12 | 12 |
| | Till----- | 3 | 15 |

153-60-22DDD
 USGS test 23A
 (Log from Powell and Jones, 1962)

Elevation: 1521 ft

| | | | |
|---|-------------------------------------|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Till, buff----- | 16 | 16 |
| | Till, gray----- | 12 | 28 |
| | Gravel, gray; shale pebbles----- | 2 | 30 |
| | Till, grayish-tan----- | 5 | 35 |
| | Sand, very coarse; fine gravel----- | 2 | 37 |

153-60-25CAB
 USGS test 179
 (Log from Powell and Jones, 1962)

Elevation: 1507 ft

| | | | |
|---|---|----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, white, highly calcareous----- | 2 | 3 |
| | Till, yellow----- | 2 | 5 |
| | Sand, medium to coarse----- | 3 | 8 |
| | Till, gray----- | 5 | 13 |
| | Sand, very fine to coarse; shale pebbles----- | 2 | 15 |
| | Till, bluish-gray; coal fragments----- | 15 | 30 |
| | Till, bluish-gray; shale pebbles----- | 11 | 41 |
| | Gravel, rounded----- | 9 | 50 |
| | Sand; shale pebbles----- | 15 | 65 |
| | Gravel; sand----- | 32 | 97 |
| Pierre(?) Shale: | | | |
| | Clay, sandy, gray----- | 3 | 100 |

153-60-25CBB
 USGS test 178
 (Log from Powell and Jones, 1962)

Elevation: 1509 ft

| | | | |
|---|---|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, grayish-tan----- | 3 | 4 |
| | Sand, fine to coarse; gravel and shale pebbles----- | 1 | 5 |
| | Till, yellowish-brown----- | 4 | 9 |
| | Till, gray----- | 16 | 25 |
| | Sand, medium to coarse; gravel and shale pebbles----- | 2 | 27 |
| | Till, gray----- | 3 | 30 |
| | Till, greenish-gray----- | 7 | 37 |
| Pierre Shale: | | | |
| | Shale, bluish-gray----- | 21 | 58 |

153-60-25CDC
 USGS test 107
 (Log from Powell and Jones, 1962)

Elevation: 1508 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|--|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 8 | 9 |
| | Till, gray----- | 7 | 16 |
| | Gravel, fine to medium; shale pebbles--- | 2 | 18 |
| | Till, gray----- | 3 | 21 |
| | Sand, medium to very coarse----- | 6 | 27 |
| | Till, gray----- | 9 | 36 |

153-60-26ACB
 City of Lakota (No. 2)
 (Log from Powell and Jones, 1962)

Elevation: 1514 ft

| | | | |
|---|----------------------|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Sand and gravel----- | 18 | 18 |
| | Clay----- | 3 | 21 |

153-60-26DAB
 USGS test 177
 (Log from Powell and Jones, 1962)

Elevation: 1521 ft

| | | | |
|---|--|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black; coarse gravel----- | 1 | 1 |
| | Sand and gravel----- | 4 | 5 |
| | Gravel----- | 14 | 19 |
| | Till, yellow----- | 2 | 21 |
| | Till, gray; rock from 46 to 47 ft----- | 26 | 47 |
| | Till, greenish-gray; lignite fragments-- | 20 | 67 |
| | Till, gray----- | 9 | 76 |
| | Gravel and boulders----- | 1 | 77 |
| Pierre Shale: | | | |
| | Shale, bluish-gray----- | 8 | 85 |

153-60-26DDA
 USGS test 180
 (Log from Powell and Jones, 1962)

Elevation: 1506 ft

| | | | |
|---|--|----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, tan, highly calcareous----- | 2 | 3 |
| | Till, yellowish-brown, highly calcareous | 10 | 13 |
| | Sand, gray----- | 5 | 18 |
| | Till, gray----- | 12 | 30 |
| | Sand, gray; lignite fragments----- | 10 | 40 |
| | Till, bluish-gray; shale pebbles----- | 15 | 55 |
| | Till, bluish-gray----- | 20 | 75 |
| | Sand, gray----- | 10 | 85 |
| | Gravel----- | 35 | 120 |

153-60-26DDC
USGS test 102
(Log from Powell and Jones, 1962)

Elevation: 1513 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|---|---|------------------|--------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, tan----- | 9 | 10 |
| | Till, yellowish-brown----- | 5 | 15 |
| | Till, brownish-gray----- | 5 | 20 |
| | Till, light-gray----- | 10 | 30 |
| | Gravel----- | 40 | 70 |
| Pierre(?) Shale: | | | |
| | Shale, gray, angular chips, clayey, sandy, slightly calcareous; sand and fine gravel----- | 5 | 75 |

153-60-26DDD
City of Lakota (No. 6)

Elevation: 1510 ft

| | | | |
|--|----------------------------|-----|-----|
| | Topsoil----- | 0.5 | 0.5 |
| | Clay, gray----- | 1.5 | 2 |
| | Clay, sandy, yellow----- | 9 | 11 |
| | Clay, sandy, gray----- | 7 | 18 |
| | Sand, silty, gray----- | 13 | 31 |
| | Gravel, silty----- | 9 | 40 |
| | Gravel, coarse, silty----- | 5 | 45 |
| | Gravel, sandy----- | 5 | 50 |
| | Gravel, sandy, silty----- | 10 | 60 |
| | Gravel, sandy----- | 25 | 85 |
| | Clay, gravelly----- | 3 | 88 |

153-60-27CCC
USGS test 113
(Log from Powell and Jones, 1962)

Elevation: 1510 ft

| | | | |
|---|--|----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, buff----- | 12 | 13 |
| | Till, gray----- | 9 | 22 |
| | Sand, coarse; fine to medium gravel----- | 1 | 23 |
| | Till, gray----- | 10 | 33 |
| | Gravel, fine to medium; shale pebbles--- | 2 | 35 |
| | Till, gray----- | 37 | 72 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous----- | 58 | 130 |
| | Shale, gray, calcareous; fine gravel and whitish clay----- | 10 | 140 |
| | Shale, bluish-gray, noncalcareous----- | 5 | 145 |

153-60-27CDD
 USGS test 112
 (Log from Powell and Jones, 1962)

Elevation: 1510 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|---|---|------------------|--------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 12 | 13 |
| | Till, gray; lignite fragments from 30 to 40 ft----- | 27 | 40 |
| | Till, gravel; lignite fragments----- | 30 | 70 |
| | Till, light-gray----- | 35 | 105 |
| | Till, bluish-gray; shale pebbles----- | 40 | 145 |
| Pierre Shale: | | | |
| | Shale, bluish-gray----- | 4 | 149 |

153-60-28CDD
 USGS test 114
 (Log from Powell and Jones, 1962)

Elevation: 1515 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|---|--|------------------|--------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 12 | 13 |
| | Till, gray----- | 10 | 23 |
| | Sand, coarse; fine gravel and shale pebbles----- | 1 | 24 |
| | Till, gray----- | 8 | 32 |
| | Sand, coarse; fine to medium gravel and shale pebbles----- | 2 | 34 |
| | Till, gray; lignite fragments----- | 6 | 40 |
| | Sand and gravel----- | 5 | 45 |
| | Till, gray; lignite fragments----- | 80 | 125 |
| | Till, gray----- | 37 | 162 |
| Pierre Shale: | | | |
| | Shale, gray----- | 3 | 165 |

153-60-29CCC
 USGS test 117
 (Log from Powell and Jones, 1962)

Elevation: 1538 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|---|--|------------------|--------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 28 | 29 |
| | Till, gray----- | 17 | 46 |
| | Gravel, fine to medium; shale pebbles--- | 3 | 49 |
| | Till, gray----- | 61 | 110 |
| | Gravel----- | 5 | 115 |
| | Till, gray, slightly calcareous----- | 30 | 145 |
| | Till, bluish-gray----- | 4 | 149 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous----- | 6 | 155 |

153-60-29CDD
 USGS test 116
 (Log from Powell and Jones, 1962)

Elevation: 1536 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|--|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Sand and gravel----- | 2 | 3 |
| | Till, tannish-brown----- | 21 | 24 |
| | Till, brownish-gray----- | 21 | 45 |
| | Till, gray----- | 25 | 70 |
| | Gravel and sand; shale pebbles----- | 10 | 80 |
| Pierre Shale: | | | |
| | Shale, bluish-gray; noncalcareous----- | 28 | 108 |

153-60-29DDD
 USGS test 115
 (Log from Powell and Jones, 1962)

Elevation: 1531 ft

| | | | |
|---|-------------------------------------|----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 21 | 22 |
| | Till, gray----- | 98 | 120 |
| | Sand and gravel; shale pebbles----- | 10 | 130 |
| | Till, gray----- | 15 | 145 |
| Pierre Shale: | | | |
| | Shale, gray, noncalcareous----- | 10 | 155 |

153-60-30CCD
 USGS test 118
 (Log from Powell and Jones, 1962)

Elevation: 1540 ft

| | | | |
|---|--|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 24 | 25 |
| | Till, gray----- | 9 | 34 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous----- | 6 | 40 |

153-60-33ADB
 (Log from C. A. Simpson & Son)

Elevation: 1515 ft

| | | | |
|--|----------------------|----|-----|
| | Topsoil----- | 1 | 1 |
| | Yellow clay----- | 17 | 18 |
| | Blue clay----- | 77 | 95 |
| | Sandy blue clay----- | 25 | 120 |
| | Clayey sand----- | 20 | 140 |
| | Shale----- | 75 | 215 |

153-60-34AAA
 USGS test 111
 (Log from Powell and Jones, 1962)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|---|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, whitish-gray----- | 1 | 1 |
| | Till, yellowish-brown----- | 12 | 14 |
| | Till, gray----- | 5 | 19 |
| | Sand, medium to coarse; fine gravel and shale pebbles----- | 1 | 20 |
| | Till, gray----- | 10 | 30 |
| | Sand, gray----- | 2 | 32 |
| | Till, gray; shale pebbles----- | 19 | 51 |
| Pierre Shale: | | | |
| | Shale, light-gray to bluish-gray, angular chips, noncalcareous----- | 9 | 60 |

153-60-35AAA
 USGS test 101
 (Log from Powell and Jones, 1962)

Elevation: 1514 ft

| | | | |
|---|---|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, yellowish-brown----- | 15 | 16 |
| | Till, gray----- | 17 | 33 |
| | Sand, medium to very coarse----- | 7 | 40 |
| | Gravel----- | 45 | 85 |
| Pierre(?) Shale: | | | |
| | Shale, gray, calcareous; sand and gravel----- | 2 | 87 |

153-60-35ABA
 USGS test 103
 (Log from Powell and Jones, 1962)

Elevation: 1511 ft

| | | | |
|---|---|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, tannish-brown----- | 4 | 5 |
| | Till, yellowish-brown----- | 10 | 15 |
| | Till, gray----- | 15 | 30 |
| | Sand, medium to very coarse----- | 5 | 35 |
| | Gravel----- | 15 | 50 |
| | Gravel, silty----- | 40 | 90 |
| | Sand, coarse to very coarse----- | 2 | 92 |
| Pierre(?) Shale: | | | |
| | Shale, gray, calcareous; sand and gravel----- | 5 | 97 |

153-60-35ABB
USGS test 104
(Log from Powell and Jones, 1962)

Elevation: 1510 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|---|---|------------------|--------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, tannish-brown----- | 4 | 5 |
| | Till, yellowish-brown----- | 10 | 15 |
| | Till, light-gray to bluish-gray; shale pebbles----- | 17 | 32 |
| | Gravel; shale pebbles----- | 6 | 38 |
| | Sand, medium to very coarse----- | 7 | 45 |
| | Gravel----- | 5 | 50 |
| | Sand, coarse to very coarse----- | 5 | 55 |
| | Gravel----- | 4 | 59 |
| | Sand----- | 11 | 70 |
| | Sand, coarse to very coarse----- | 15 | 85 |
| | Gravel----- | 5 | 90 |
| | Sand, coarse to very coarse----- | 5 | 95 |
| | Gravel----- | 5 | 100 |
| | Sand, coarse to very coarse----- | 14 | 114 |
| Pierre(?) Shale: | | | |
| | Shale, gray, calcareous; limestone pebbles----- | 6 | 120 |

153-60-35BAA
USGS test 105
(Log from Powell and Jones, 1962)

Elevation: 1511 ft

| | | | |
|---|--|---|----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, tannish-brown----- | 3 | 4 |
| | Till, yellowish-brown----- | 5 | 9 |
| | Sand, medium to coarse; fine to medium gravel and shale pebbles----- | 1 | 10 |
| | Till, yellowish-brown----- | 6 | 16 |
| | Till, grayish-brown----- | 6 | 22 |
| | Sand, medium to very coarse----- | 3 | 25 |
| | Till, gray----- | 6 | 31 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous; limestone pebbles----- | 9 | 40 |

153-60-35CCB
USGS test 27A
(Log from Powell and Jones, 1962)

Elevation: 1506 ft

| | | | |
|---|--|-----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, buff----- | 16 | 17 |
| | Till, gray----- | 3 | 20 |
| | Sand, medium to coarse; shale pebbles----- | 10 | 30 |
| | Till, gray----- | 126 | 156 |
| Pierre Shale: | | | |
| | Shale, gray----- | 4 | 160 |

153-60-35CCC
 USGS test 22A
 (Log from Powell and Jones, 1962)

Elevation: 1511 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|-------------------------------------|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, light-tan----- | 18 | 19 |
| | Till, gray----- | 19 | 38 |
| | Sand, very coarse; fine gravel----- | 7 | 45 |
| | Gravel, fine; coarse sand----- | 25 | 70 |
| | Gravel, medium to coarse----- | 15 | 85 |
| | Gravel, coarse----- | 5 | 90 |
| | Gravel, coarse; coarse sand----- | 4 | 94 |
| Pierre Shale: | | | |
| | Shale, gray----- | 6 | 100 |

153-60-35CCD
 USGS test 29
 (Log from Powell and Jones, 1962)

Elevation: 1503 ft

| | | | |
|---|-------------------------------------|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Till, buff----- | 8 | 8 |
| | Sand, very coarse; fine gravel----- | 12 | 20 |
| | Sand and gravel, clayey----- | 5 | 25 |
| | Gravel, fine to coarse----- | 8 | 33 |
| Pierre Shale: | | | |
| | Shale, gray----- | 5 | 38 |

153-60-36AAA
 USGS test 108
 (Log from Powell and Jones, 1962)

Elevation: 1507 ft

| | | | |
|---|--|----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, whitish-gray----- | 4 | 5 |
| | Sand, yellowish-brown----- | 10 | 15 |
| | Sand, medium to very coarse----- | 5 | 20 |
| | Gravel----- | 15 | 35 |
| | Till, tannish-gray----- | 5 | 40 |
| | Gravel, gray----- | 5 | 45 |
| | Sand, gray----- | 5 | 50 |
| | Gravel, gray----- | 10 | 60 |
| | Sand, coarse to very coarse----- | 5 | 65 |
| | Gravel, gray----- | 15 | 80 |
| | Sand, gray----- | 5 | 85 |
| | Gravel, gray----- | 5 | 90 |
| | Sand, gray----- | 10 | 100 |
| | Till, gray; shale pebbles----- | 15 | 115 |
| | Till, gray; shale pebbles, noncalcareous | 9 | 124 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous; limestone pebbles----- | 6 | 130 |

153-60-36BBA
USGS test 106
(Log from Powell and Jones, 1962)

Elevation: 1509 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|---|---|------------------|--------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Till, tan to yellowish-brown----- | 6 | 7 |
| | Sand, coarse; fine gravel and shale pebbles----- | 1 | 8 |
| | Till, yellowish-brown----- | 5 | 13 |
| | Sand, medium to very coarse----- | 3 | 16 |
| | Till, gray; shale pebbles----- | 12 | 28 |
| Pierre Shale: | | | |
| | Shale, bluish-gray, noncalcareous; limestone pebbles----- | 12 | 40 |

153-60-36BBB
USGS test 1A
(Log from Powell and Jones, 1962)

Elevation: 1517 ft

| | | | |
|---|--|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Till, bluish-gray, highly calcareous---- | 3 | 3 |
| | Till, tan----- | 13 | 16 |
| | Sand, medium to very coarse; fine gravel and shale pebbles----- | 2 | 18 |
| | Till, light-gray----- | 3 | 21 |
| | Sand, medium to coarse; fine to medium gravel and shale pebbles----- | 4 | 25 |
| | Sand, coarse; fine gravel----- | 5 | 30 |
| | Sand, fine to medium----- | 15 | 45 |
| | Sand, coarse----- | 10 | 55 |
| | Gravel, fine to coarse; coarse sand----- | 22 | 77 |

153-60-36DDD
USGS test 21A
(Log from Powell and Jones, 1962)

Elevation: 1508 ft

| | | | |
|---|--|----|----|
| Till and associated sand and gravel deposits: | | | |
| | Sand, fine to coarse----- | 22 | 22 |
| | Gravel, fine to medium; coarse sand----- | 16 | 38 |
| Pierre(?) Shale: | | | |
| | Shale, gray; coarse sand----- | 2 | 40 |

154-57-16ACC
(Log from U.S. Air Force)

Elevation: 1489 ft

| | | | |
|--|-------------------------------|------|------|
| | Clay----- | 17 | 17 |
| | Shale and silt----- | 17.5 | 34.5 |
| | Shale (Pierre Formation)----- | 95.5 | 130 |

154-58-15ABB
(Log from U.S. Air Force)

Elevation: 1549 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-----------------------|------------------|--------------|
| | Clay----- | 37 | 37 |
| | Shale, clayey----- | 5 | 42 |
| | Shale, fractured----- | 11.5 | 53.5 |
| | Shale----- | 76.5 | 130 |

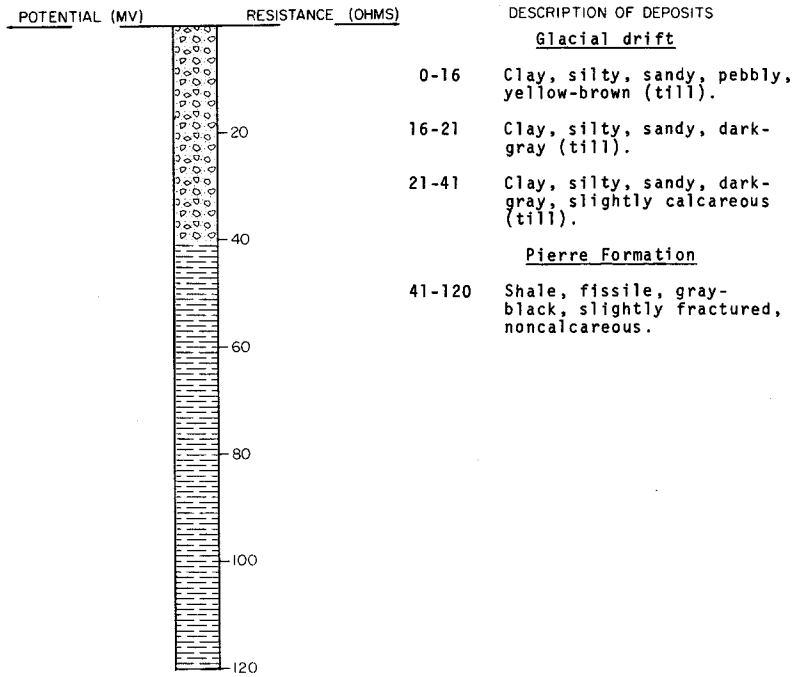
NDSWC 5019

LOCATION: 154-58-17DDD

DATE DRILLED: June 1968

ELEVATION: 1550
(FT, MSL)

DEPTH: 120
(FT)



154-59-1BCC
 NDCS N2

Elevation: 1540 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------------------|-------------------------|---------------------|
| | Gravelly, silty loam (till)----- | 7 | 7 |
| | Clean sandy silt, no pebbles----- | 3 | 10 |
| | Gravelly sandy loam (till)----- | 5 | 15 |
| | Gravelly silty till----- | 12 | 27 |
| | Gravelly clay loam, boulders----- | 5 | 32 |

154-59-3CDB
 (Log from U.S. Air Force)

Elevation: 1525 ft

| | | |
|-------------------------------|----|-----|
| Clay, silty----- | 27 | 27 |
| Silt, clayey----- | 27 | 54 |
| Silt and shale fragments----- | 76 | 130 |

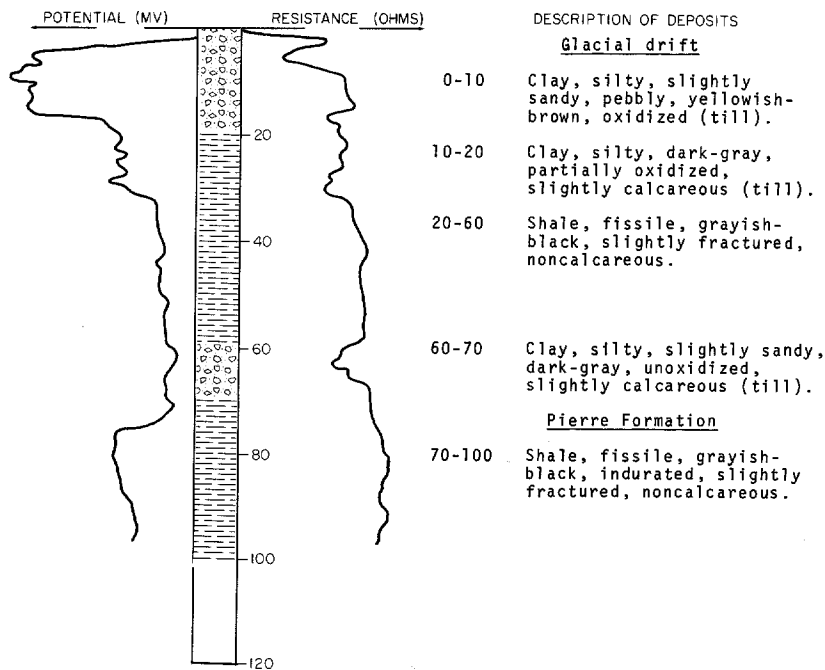
NDSWC 5018

LOCATION: 154-59-17DDD

DATE DRILLED: June 1968

ELEVATION: 1520
 (FT, MSL)

DEPTH: 100
 (FT)

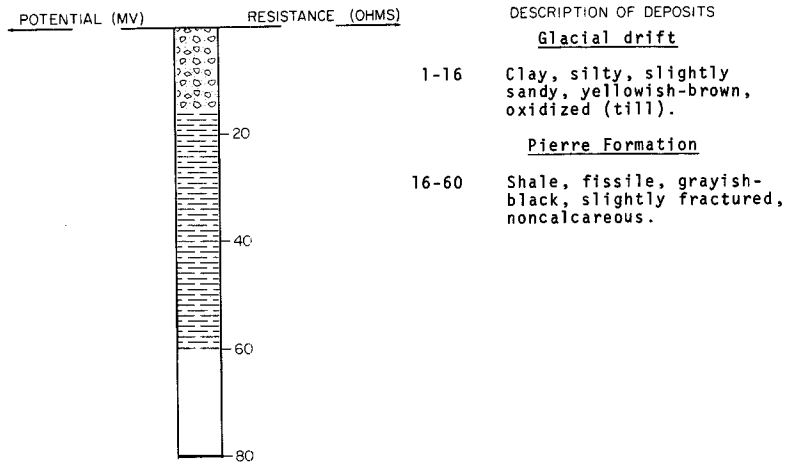


LOCATION: 154-59-18CCC

DATE DRILLED: June 1968

ELEVATION: 1538
(FT, MSL)

DEPTH: 60
(FT)



154-60-13DCB
(Log from U.S. Air Force)

Elevation: 1515 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-------------------------------|------------------|--------------|
| | Clay, silty----- | 22 | 22 |
| | Silt and clay----- | 4 | 26 |
| | Shale fragments and clay----- | 13 | 39 |
| | Shale----- | 91 | 130 |

154-60-15AAA
(Log from U.S. Air Force)

Elevation: 1528 ft

| | | | |
|--|------------------|-------|------|
| | Clay, silty----- | 24.5 | 24.5 |
| | Shale----- | 105.5 | 130 |

154-60-16CDD
(Log from Rainsberry Drilling)

Elevation: 1515 ft

| | | | |
|--|------------------------------------|----|-----|
| | Yellow clay----- | 10 | 10 |
| | Yellow sandy clay----- | 15 | 25 |
| | Fine sand----- | 25 | 50 |
| | Blue clay and shale fragments----- | 10 | 60 |
| | Shale----- | 90 | 150 |

154-60-20DBA
(Log from Rainsberry Drilling)

Elevation: 1515 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Yellow clay----- | 15 | 15 |
| | Blue clay----- | 45 | 60 |
| | Shale----- | 52 | 112 |

154-60-23DDD
(Log from Rainsberry Drilling)

Elevation: 1515 ft

| | | | |
|--|------------------|-----|-----|
| | Yellow clay----- | 30 | 30 |
| | Shale----- | 120 | 150 |

154-60-27BCC
NDGS N3

Elevation: 1515 ft

| | | | |
|--|--|-----|-----|
| | Sand, medium grained, with clay lenses-- | 4 | 4 |
| | Loam, sandy, gravelly (till)----- | 4 | 8 |
| | Loam, gravelly, clayey (till)----- | 1.5 | 9.5 |
| | Loam, gravelly, clayey, dry (till)----- | 3.5 | 13 |

154-60-31CBC
(Log from Rainsberry Drilling)

Elevation: 1500 ft

| | | | |
|--|-------------------------------|----|-----|
| | Yellow clay----- | 10 | 10 |
| | Gray silty clay----- | 25 | 35 |
| | Sandy gray clay----- | 10 | 45 |
| | Sand and shale fragments----- | 5 | 50 |
| | Shale----- | 50 | 100 |

WALSH COUNTY

155-51-34CDA
(Log from North Dakota State Highway Dept.)

Elevation: 807.5 ft

| | | | |
|--|---|------|-------|
| | Clay, silty, brown, topsoil----- | 0.9 | 0.9 |
| | Clay, silty, brown, impervious----- | 3.6 | 4.5 |
| | Clay, silty, gray, laminated, traces of iron oxide, slightly calcareous----- | 13.5 | 18 |
| | Clay, silty, gray, varved, silty lenses, saturated----- | 18 | 36 |
| | Clay, silty, gray, impervious----- | 73 | 109 |
| | Clay, sandy, gray, few gravel lenses, saturated----- | 27 | 136 |
| | Clay, silty, sandy, gray, slight gravel content, occasional water-bearing lenses, very dense----- | 16.6 | 152.6 |

155-51-35DDD
NDGS W15

Elevation: 806 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Sand, clayey, few pebbles, very firm, hard, dry to moist----- | 6 | 6 |
| | Clay, silty, medium hard, moist, oxidized, smooth, uniform (lake deposit ?)----- | 6 | 12 |
| | Clay, silty, very coarse; unoxidized below 12 ft, numerous pebbles to 1/2-inch size----- | 7 | 19 |

155-52-6BBC
USGS test 705
(Log from Brookhart and Powell, 1961)

Elevation: 809 ft

| | | | |
|------------------------|---|----|----|
| Alluvium: | Silt, gray----- | 18 | 18 |
| | Sand, fine to medium, and abundant recent snail shells----- | 7 | 25 |
| Lake Agassiz deposits: | Clay, medium-gray----- | 25 | 50 |

155-52-6BCB
USGS test 704
(Log from Brookhart and Powell, 1961)

Elevation: 820 ft

| | | | |
|------------------------|-------------------------------|----|----|
| Alluvium: | Clay, silty, light-brown----- | 16 | 16 |
| | Sand, fine to coarse----- | 7 | 23 |
| Lake Agassiz deposits: | Clay, medium-gray----- | 27 | 50 |

155-52-6BCC
USGS test 703
(Log from Brookhart and Powell, 1961)

Elevation: 825 ft

| | | | |
|------------------------|---|----|----|
| Lake Agassiz deposits: | Silt, sandy, light-gray; may be in part alluvium----- | 20 | 20 |
| | Clay, medium-gray----- | 30 | 50 |

155-52-6CBB
USGS test 702
(Log from Brookhart and Powell, 1961)

Elevation: 825 ft

| | | | |
|------------------------|-----------------------------------|----|----|
| Lake Agassiz deposits: | Silt, clayey, yellowish-gray----- | 15 | 15 |
| | Clay, medium-gray----- | 35 | 50 |

155-52-6CBC
USGS test 701
(Log from Brookhart and Powell, 1961)

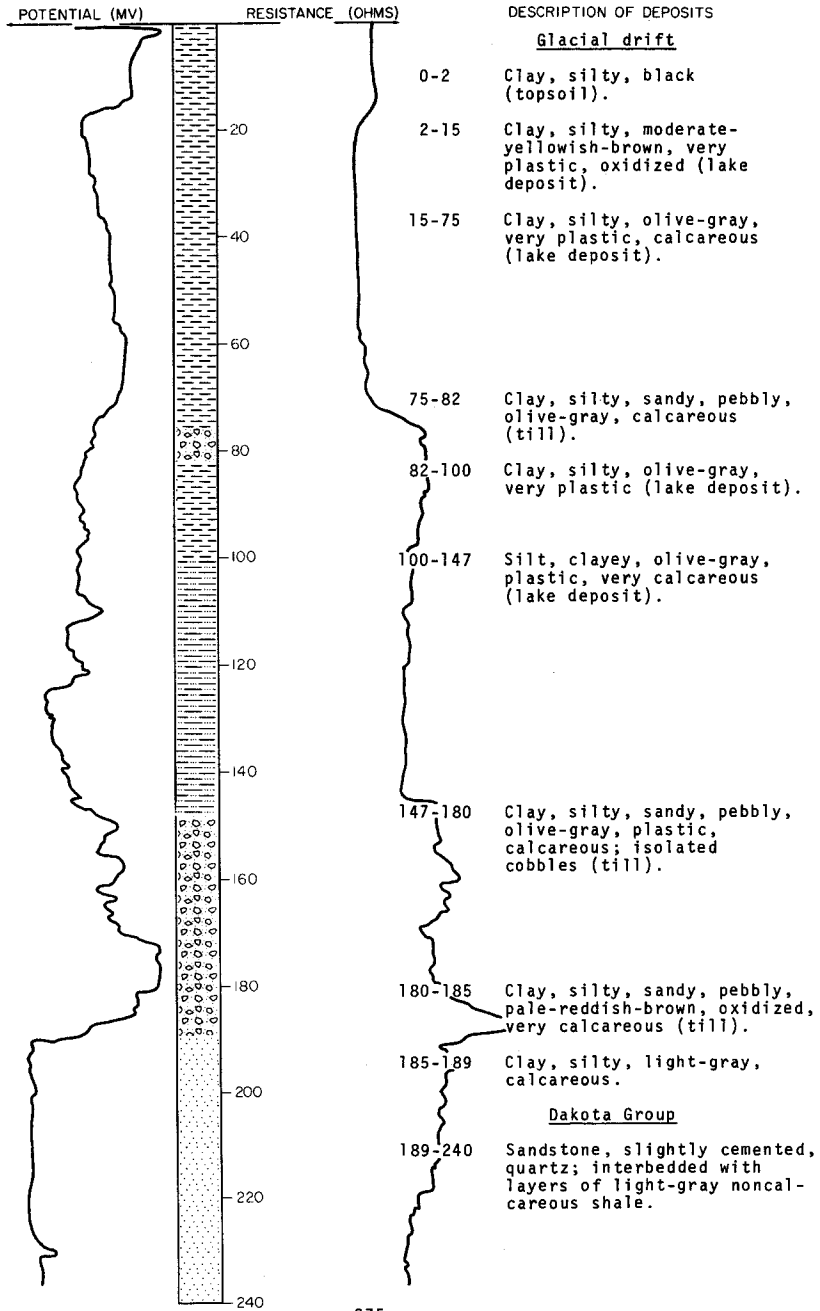
Elevation: 825 ft

| <u>Geologic</u> <u>source</u> | <u>Material</u> | <u>Thickness</u> <u>(feet)</u> | <u>Depth</u> <u>(feet)</u> |
|----------------------------------|--------------------------------|-----------------------------------|-------------------------------|
| Lake Agassiz deposits: | | | |
| | Topsoil, silty, dark-gray----- | 2 | 2 |
| | Silt, light-yellow----- | 13 | 15 |
| | Clay, medium-gray----- | 35 | 50 |

LOCATION: 155-52-11BCB
ELEVATION: 805
(FT, MSL)

NDSWC 5395

DATE DRILLED: August 1969
DEPTH: 240
(FT)



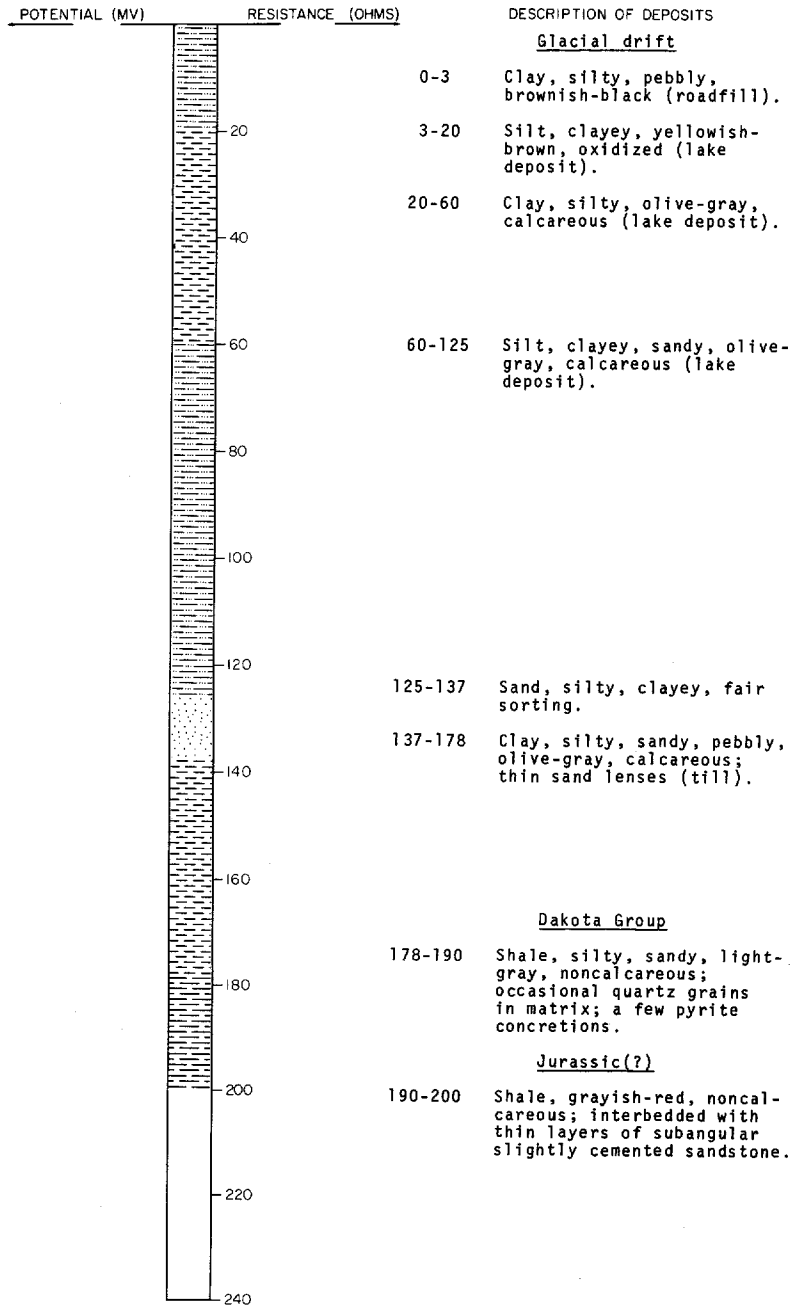
LOCATION: 155-52-22AAA

NDSWC 5396

DATE DRILLED: August 1969

ELEVATION: 800
(FT, MSL)

DEPTH: 200
(FT)



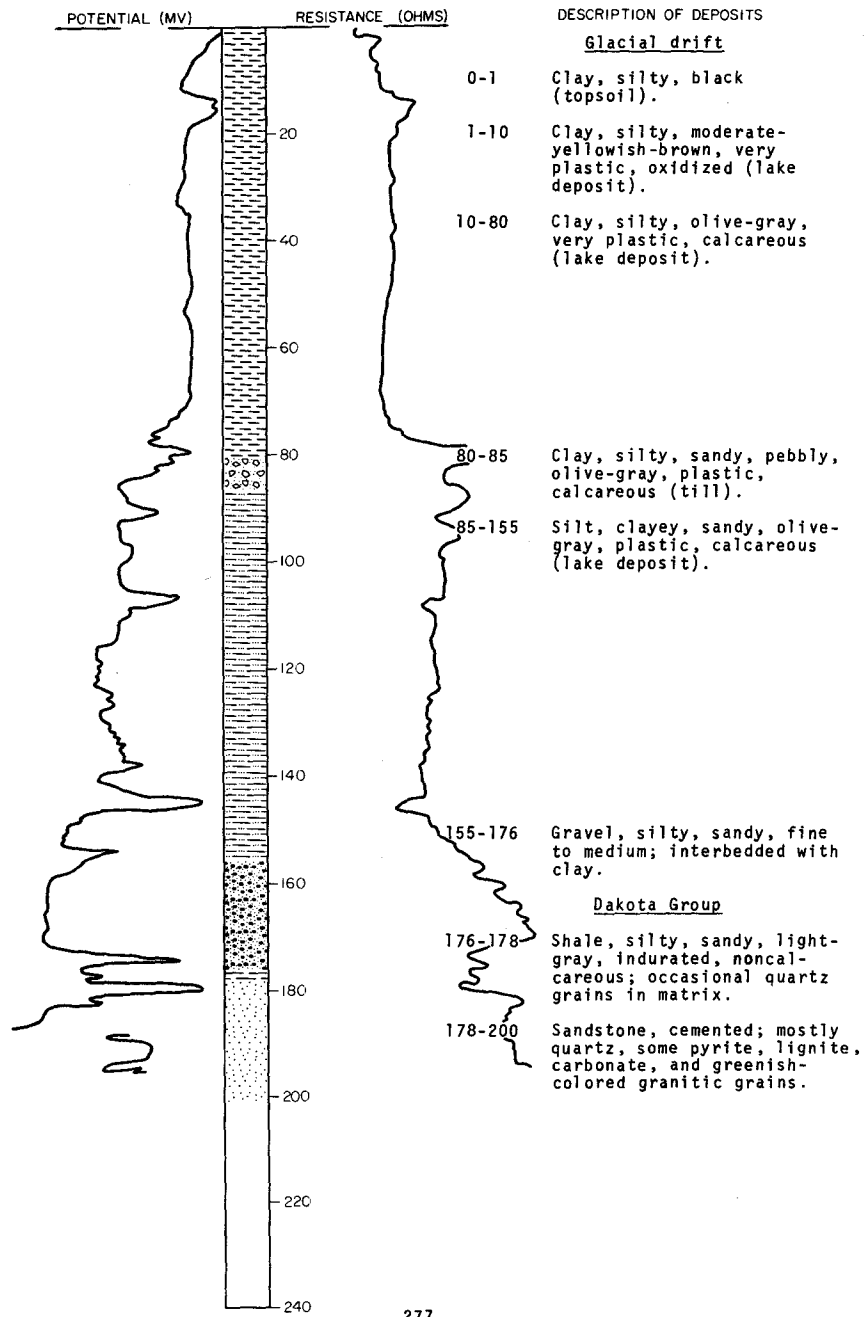
LOCATION: 155-52-25CCC

NDSWC 5397

DATE DRILLED: August 1969

ELEVATION: 820.8
(FT, MSL)

DEPTH: 200
(FT)

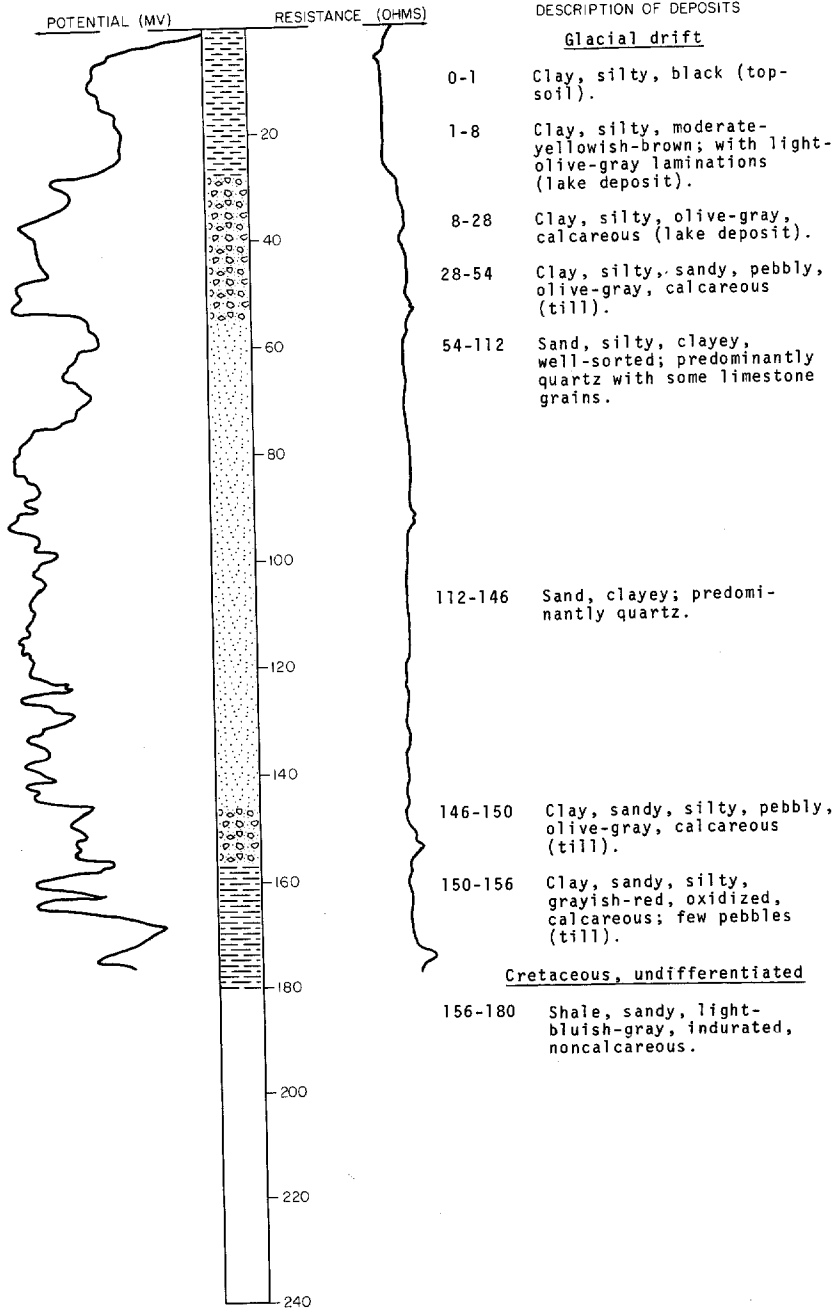


LOCATION: 155-52-27CDC
ELEVATION: 828
(FT, MSL)

NDSWC 5032

DATE DRILLED: July 1968

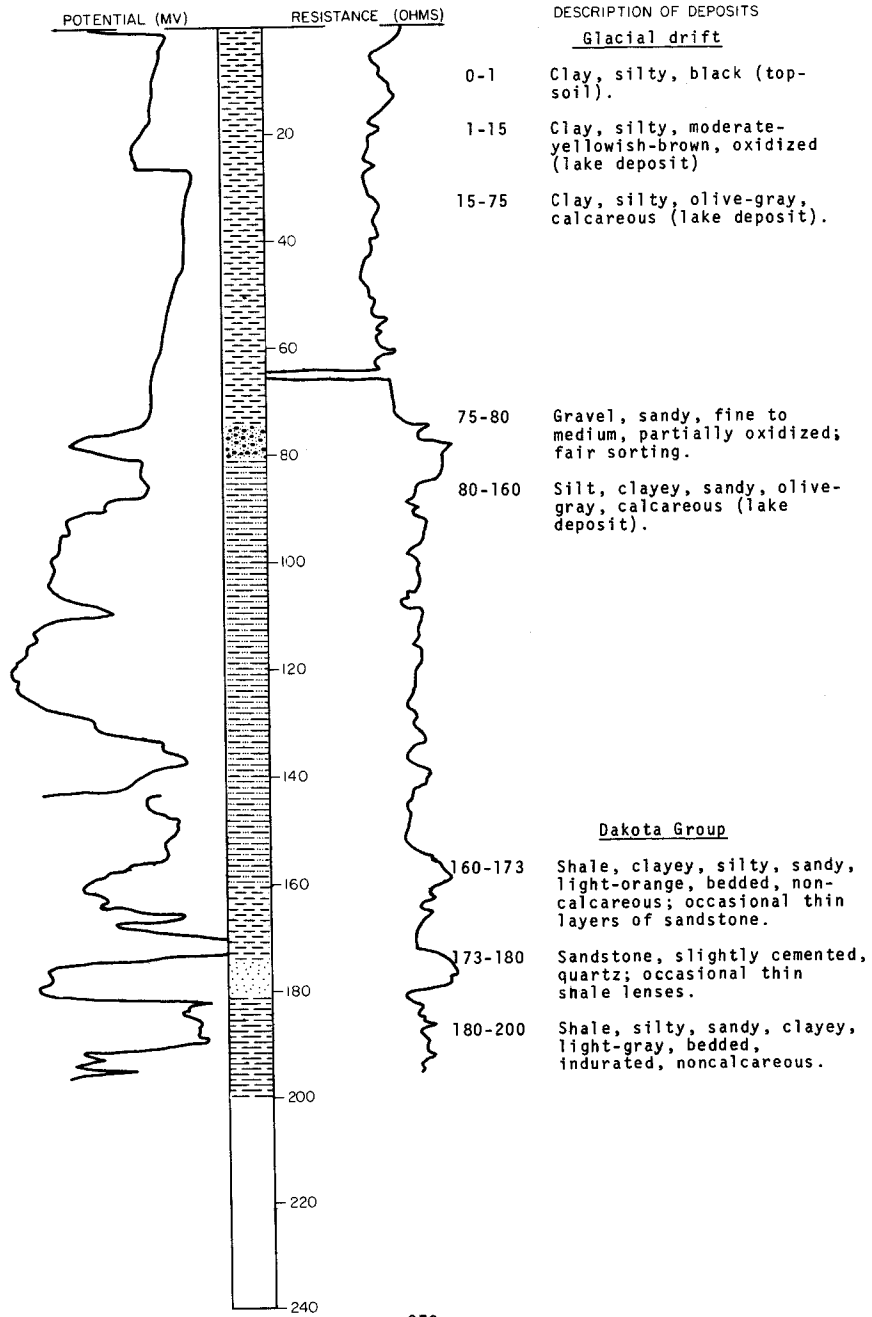
DEPTH: 180
(FT)



LOCATION: 155-52-29DDD
 ELEVATION: 828
 (FT, MSL)

NBSWC 5399

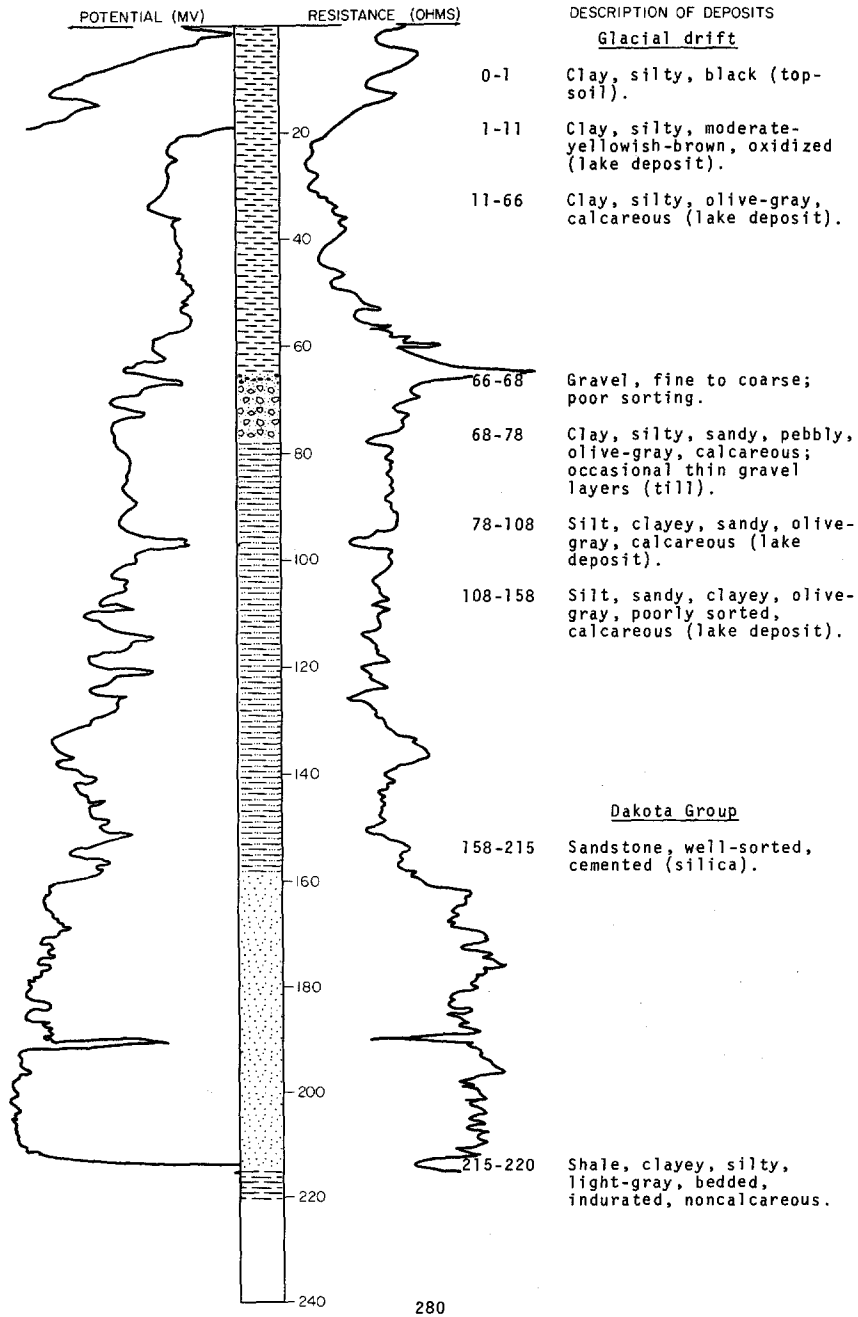
DATE DRILLED: August 1969
 DEPTH: 200
 (FT)



LOCATION: 155-52-34DDD
ELEVATION: 827
(FT, MSL)

NDSWC 5398

DATE DRILLED: August 1969
DEPTH: 220
(FT)



155-53-1AAA
 USGS test 706
 (Log from Brookhart and Powell, 1961)

Elevation: 830 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------|-------------------------|---------------------|
| Alluvium: | Silt, light-gray----- | 17 | 17 |
| | Sand, fine to coarse----- | 6 | 23 |
| Lake Agassiz deposits: | Clay, medium-gray----- | 27 | 50 |

155-53-1AAB2
 NDGS W17

Elevation: 827 ft

| | | | |
|--|---|----|----|
| | Clay, silty, pebbly, brown to black, lightly organic (peat), reddish tinge, (alluvium)----- | 16 | 16 |
| | Silt, sandy, clayey, firm; no pebbles; oxidized to 19 ft; wet----- | 3 | 19 |

155-53-14BBB2
 NDGS W16

Elevation: 839 ft

| | | | |
|--|--|----|----|
| | Sand, medium-grained, uniform, clayey; wet to damp below 3 ft; considerable dark material; oxidized, (alluvium)--- | 15 | 15 |
| | Sand, unoxidized, wet----- | 5 | 20 |
| | Clay, silty, sandy; pebbles near contact less pebbly with depth, smooth, very firm (till)----- | 4 | 24 |

155-53-31BBA
 USGS test 722
 (Log from Brookhart and Powell, 1961)

Elevation: 875 ft

| | | | |
|---|---|----|----|
| Alluvium: | Sand, very coarse, and fine gravel----- | 5 | 5 |
| | Gravel, fine, clayey, dark-gray----- | 5 | 10 |
| | Clay, dark-gray, and coarse sand----- | 5 | 15 |
| Lake Agassiz deposits: | Clay, medium-gray----- | 20 | 35 |
| Till and associated sand and gravel deposits: | Clay, sandy, light-gray, and fine gravel----- | 15 | 50 |

155-53-31CBC
 USGS test 716
 (Log from Brookhart and Powell, 1961)

Elevation: 880 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|---|-------------------------|---------------------|
| Alluvium: | Sand, very coarse, and fine gravel----- | 10 | 10 |
| Lake Agassiz deposits: | Clay, silty, medium-gray----- | 20 | 30 |
| Till and associated sand and gravel deposits: | Clay, silty, light-gray, and fine gravel----- | 20 | 50 |

155-53-31CCB
 USGS test 715
 (Log from Brookhart and Powell, 1961)

Elevation: 880 ft

| | | | |
|---|--|----|----|
| Lake Agassiz deposits: | Silt, sandy, light-brown----- | 10 | 10 |
| | Clay, sandy, medium-gray----- | 25 | 35 |
| Till and associated sand and gravel deposits: | Clay, light-gray, and fine gravel----- | 15 | 50 |

155-53-31CCC
 USGS test 714
 (Log from Brookhart and Powell, 1961)

Elevation: 889 ft

| | | | |
|---|--|----|----|
| Alluvium: | Gravel----- | 5 | 5 |
| | Sand, fine----- | 5 | 10 |
| Lake Agassiz deposits: | Clay, medium-gray----- | 15 | 25 |
| | Silt, clayey, light-gray----- | 15 | 40 |
| Till and associated sand and gravel deposits: | Clay, light-gray, and fine gravel----- | 10 | 50 |

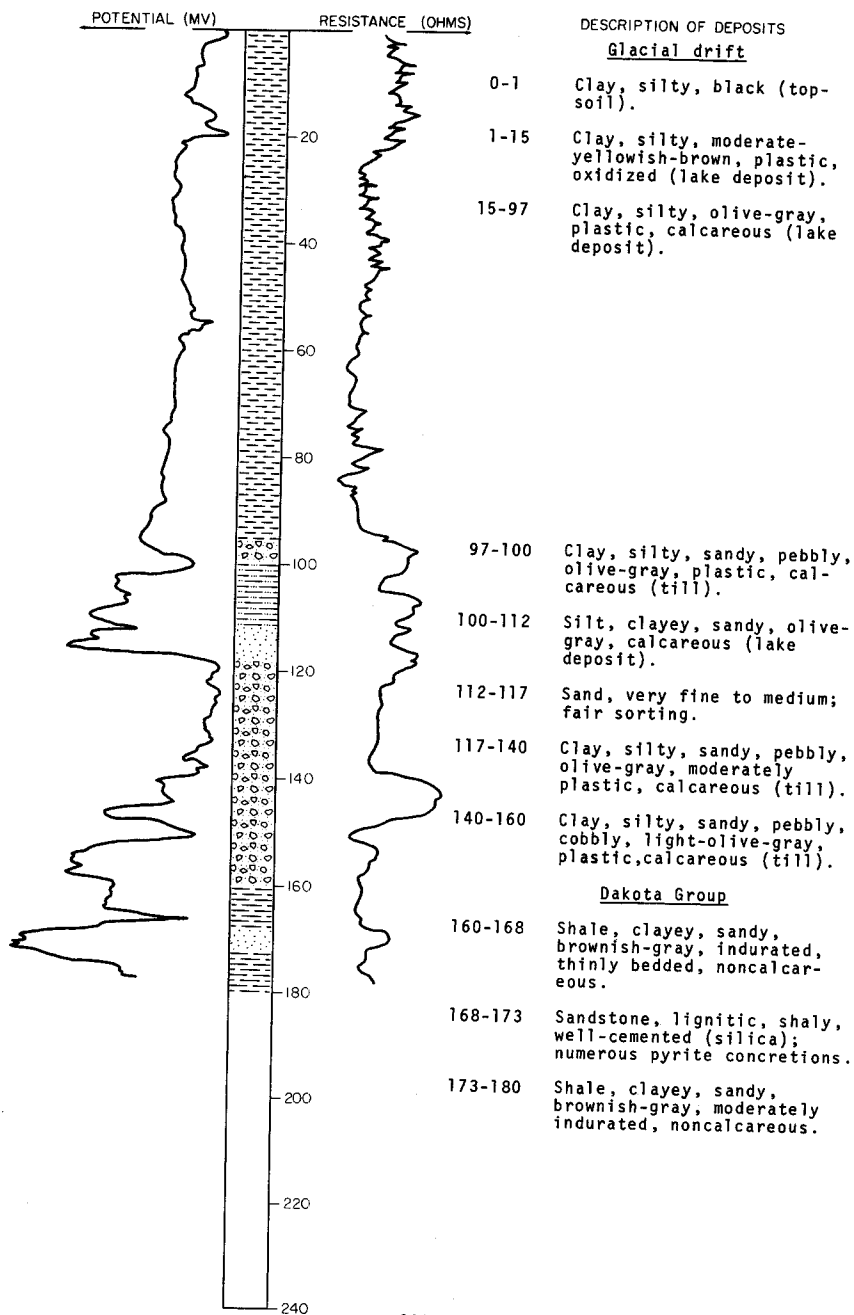
LOCATION: 155-53-35AAA

NDSWC 5425

DATE DRILLED: August 1969

ELEVATION: 839
(FT, MSL)

DEPTH: 180
(FT)



155-54-4AAA
(Log from Frederickson's, Inc.)

Elevation: 894 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|----------------------------------|-------------------------|---------------------|
| | Clay----- | 15 | 15 |
| | Sand----- | 2 | 17 |
| | Clay----- | 70 | 87 |
| | Boulders and clay----- | 132 | 219 |
| | Clay with sand lenses----- | 15 | 234 |
| | Clay----- | 7 | 241 |
| | Sandy clay with sand lenses----- | 9 | 250 |
| | Sand----- | 27 | 277 |

155-54-16ABA
(Log from Frederickson's, Inc.)

Elevation: 907 ft

| | | | |
|--|--|----|-----|
| | Topsoil, black----- | 1 | 1 |
| | Very sandy clay, yellow----- | 14 | 15 |
| | Sandy clay, blue----- | 16 | 31 |
| | Sandy clay with lenses of sand, blue---- | 12 | 43 |
| | Sandy clay, blue----- | 23 | 66 |
| | Washed sand, various colors----- | 2 | 68 |
| | Very soft sandy clay, blue----- | 17 | 85 |
| | Very sandy clay, blue----- | 11 | 96 |
| | Hard sandy clay, blue----- | 9 | 105 |
| | Soft sandy clay, blue----- | 14 | 119 |
| | Soft sandy clay, gray----- | 13 | 132 |
| | Soft sandy clay, blue----- | 60 | 192 |
| | Hard sandy clay with limestone pebbles, blue----- | 40 | 232 |
| | Shale, blue----- | 18 | 250 |
| | Shale with lenses of sandstone, gray---- | 3 | 253 |
| | Shale, black----- | 8 | 261 |
| | Shale with lenses of sandstone, gray---- | 16 | 277 |
| | Shale, tan----- | 21 | 298 |
| | Sandstone, gray----- | 4 | 302 |
| | Shale, colored----- | 16 | 318 |
| | Sandstone, white----- | 24 | 342 |

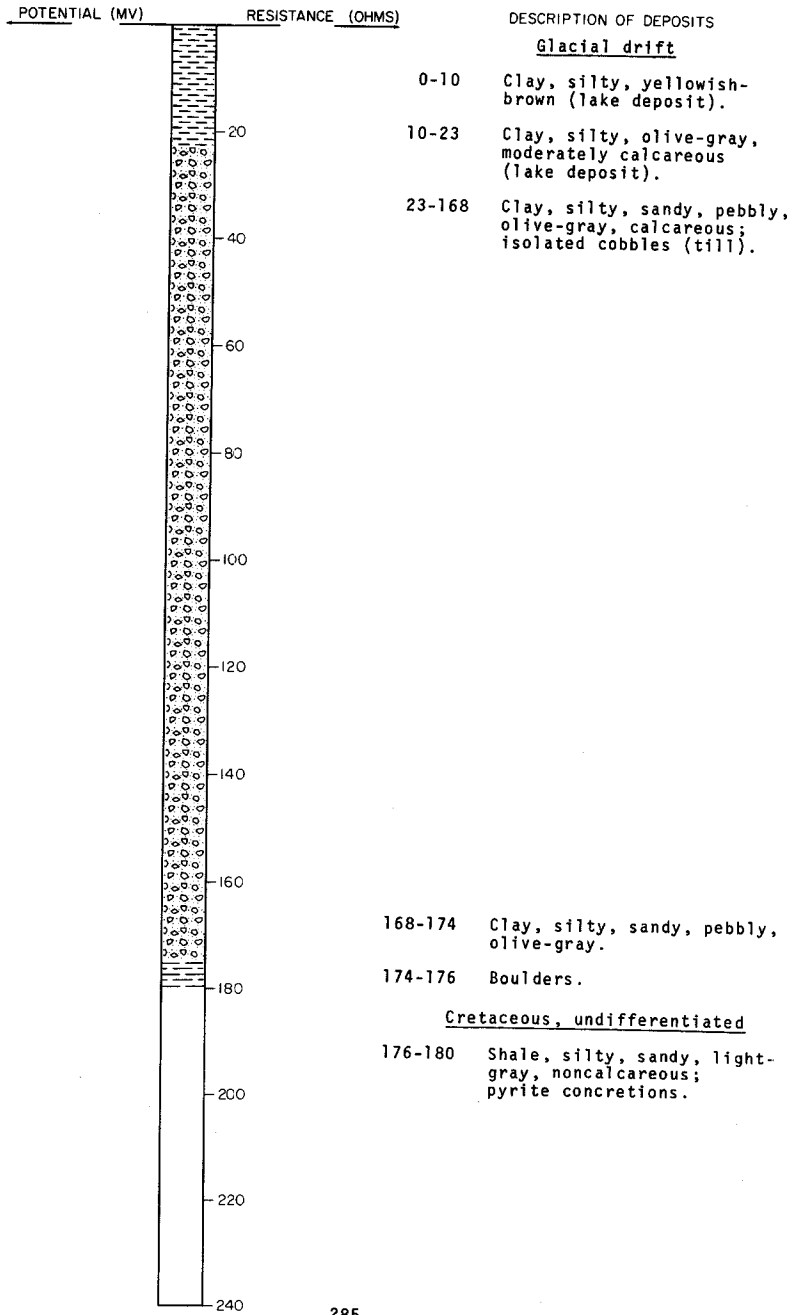
LOCATION: 155-54-26BBB

NDSWC 5426

DATE DRILLED: August 1969

ELEVATION: 895
(FT, MSL)

DEPTH: 180
(FT)



155-54-29BDD
(Log from U.S. Air Force)

Elevation: 937 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------------------|-------------------------|---------------------|
| | Sand, fine----- | 3 | 3 |
| | Silt----- | 15 | 18 |
| | Clay----- | 6 | 24 |
| | Silt----- | 9 | 33 |
| | Clay----- | 2 | 35 |
| | Silt----- | 9.5 | 44.5 |
| | Clay and silt----- | 10.5 | 55 |
| | Sand, fine to medium, silty----- | 9 | 64 |
| | Clay----- | 24 | 88 |
| | Clay and silt----- | 6 | 94 |
| | Sand, fine to coarse----- | 4 | 98 |
| | Clay and silt----- | 20 | 118 |
| | Sand, fine----- | 7 | 125 |
| | Sand, fine to coarse, clayey----- | 5 | 130 |

155-54-36AAA
USGS test 721
(Log from Brookhart and Powell, 1961)

Elevation: 875 ft

| | | | |
|---|---|----|----|
| Lake Agassiz deposits: | | | |
| | Silt, yellowish-gray----- | 10 | 10 |
| | Clay, medium-gray----- | 20 | 30 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, sandy, light-gray, and fine gravel----- | 20 | 50 |

155-54-36ADA
USGS test 720
(Log from Brookhart and Powell, 1961)

Elevation: 880 ft

| | | | |
|---|---|----|----|
| Alluvium: | | | |
| | Silt, dark-brown----- | 5 | 5 |
| | Gravel, fine----- | 5 | 10 |
| | Gravel, medium----- | 5 | 15 |
| Lake Agassiz deposits: | | | |
| | Clay, medium-gray----- | 20 | 35 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, sandy, light-gray, and fine gravel----- | 15 | 50 |

155-54-36ADD
 USGS test 719
 (Log from Brookhart and Powell, 1961)

Elevation: 875 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|--|-------------------------|---------------------|
| Alluvium: | Silt, sandy, interbedded----- | 5 | 5 |
| | Sand, coarse to very coarse----- | 5 | 10 |
| | Gravel, medium----- | 5 | 15 |
| Lake Agassiz deposits: | Clay, medium to dark-gray; some carbonaceous material----- | 15 | 30 |
| Till and associated sand and gravel deposits: | Clay, silty, light-gray, and fine to medium gravel----- | 20 | 50 |

155-54-36DAA1
 USGS test 717
 (Log from Brookhart and Powell, 1961)

Elevation: 875 ft

| | | | |
|---|---|----|----|
| Alluvium: | Clay, silty and gravelly, black----- | 10 | 10 |
| Lake Agassiz deposits: | Clay, medium-gray----- | 20 | 30 |
| Till and associated sand and gravel deposits: | Clay, silty, light-gray, and fine gravel----- | 20 | 50 |

155-54-36DAA2
 USGS test 718
 (Log from Brookhart and Powell, 1961)

Elevation: 875 ft

| | | | |
|---|--|----|----|
| Alluvium: | Soil, sandy, dark-brown----- | 5 | 5 |
| | Sand, medium to coarse, and fine gravel----- | 5 | 10 |
| | Gravel, fine----- | 5 | 15 |
| Lake Agassiz deposits: | Clay, silty, light-gray----- | 5 | 20 |
| Till and associated sand and gravel deposits: | Clay, silty, light-gray, and fine to medium gravel; highly calcareous----- | 30 | 50 |

155-55-4BDC
 (Log from U.S. Air Force)

Elevation: 1030 ft

| | | | |
|--|---|----|-----|
| | Silt, sand, and clay, weathered, interbedded----- | 19 | 19 |
| | Sand, silty, and clay, interbedded----- | 49 | 68 |
| | Clay----- | 62 | 130 |

155-55-18CDB
(Log from owner)

Elevation: 1170 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|----------------------------|------------------|-----------------------------|-------------------------|
| | Yellow clay----- | 15 | 15 |
| | Blue clay----- | 38 | 53 |
| | White sand----- | 2 | 55 |

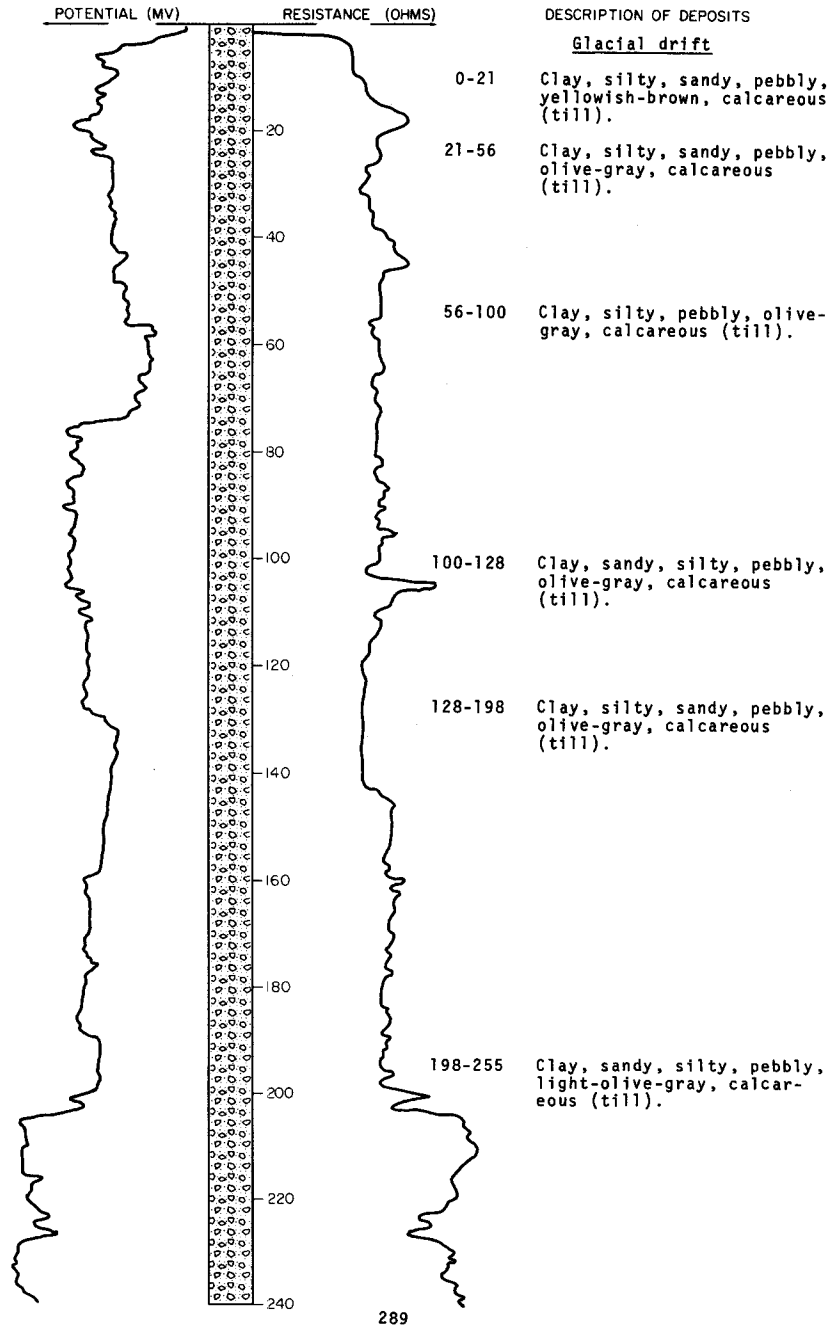
LOCATION: 155-55-26BBB

NDSWC 5025

DATE DRILLED: July 1968

ELEVATION: 1024
(FT, MSL)

DEPTH: 260
(FT)



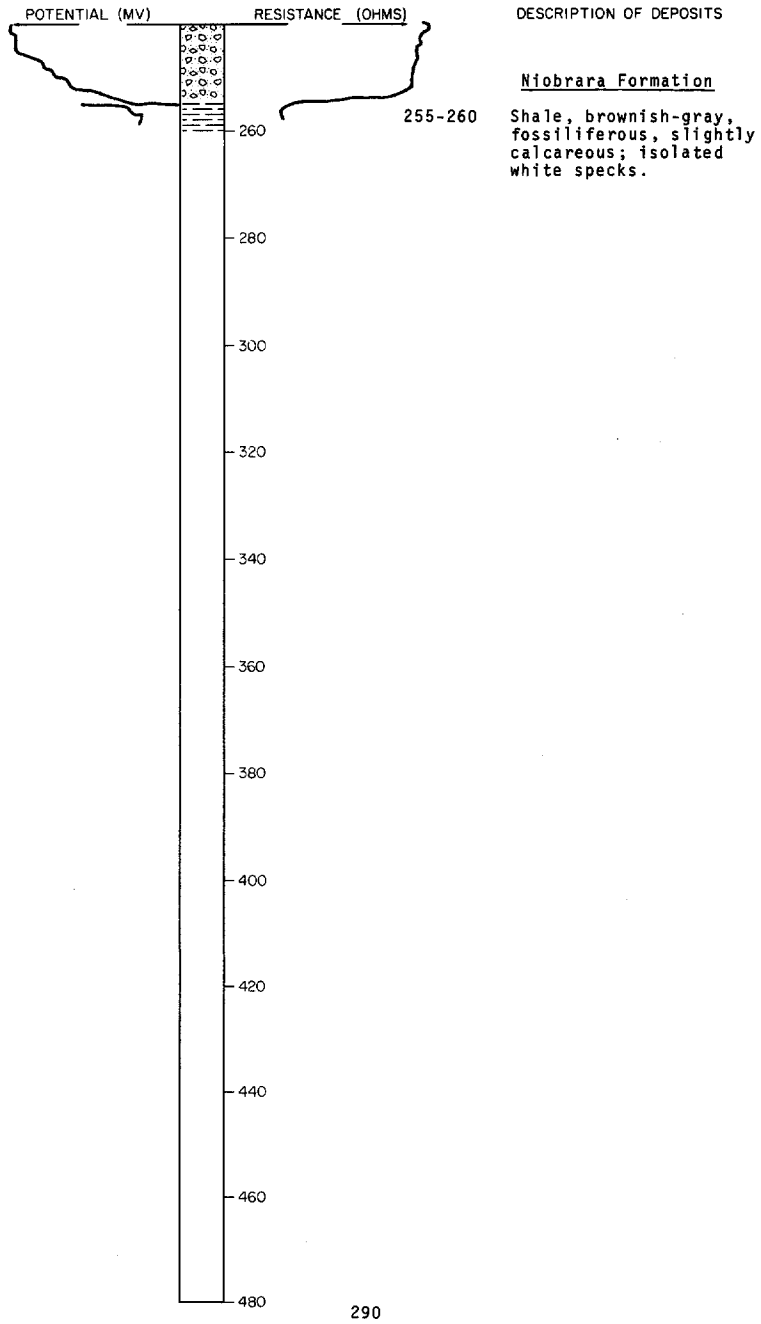
NDSWC 5025, Continued

LOCATION: 155-55-26BBB

DATE DRILLED: July 1968

ELEVATION: 1024
(FT, MSL)

DEPTH: 260
(FT)

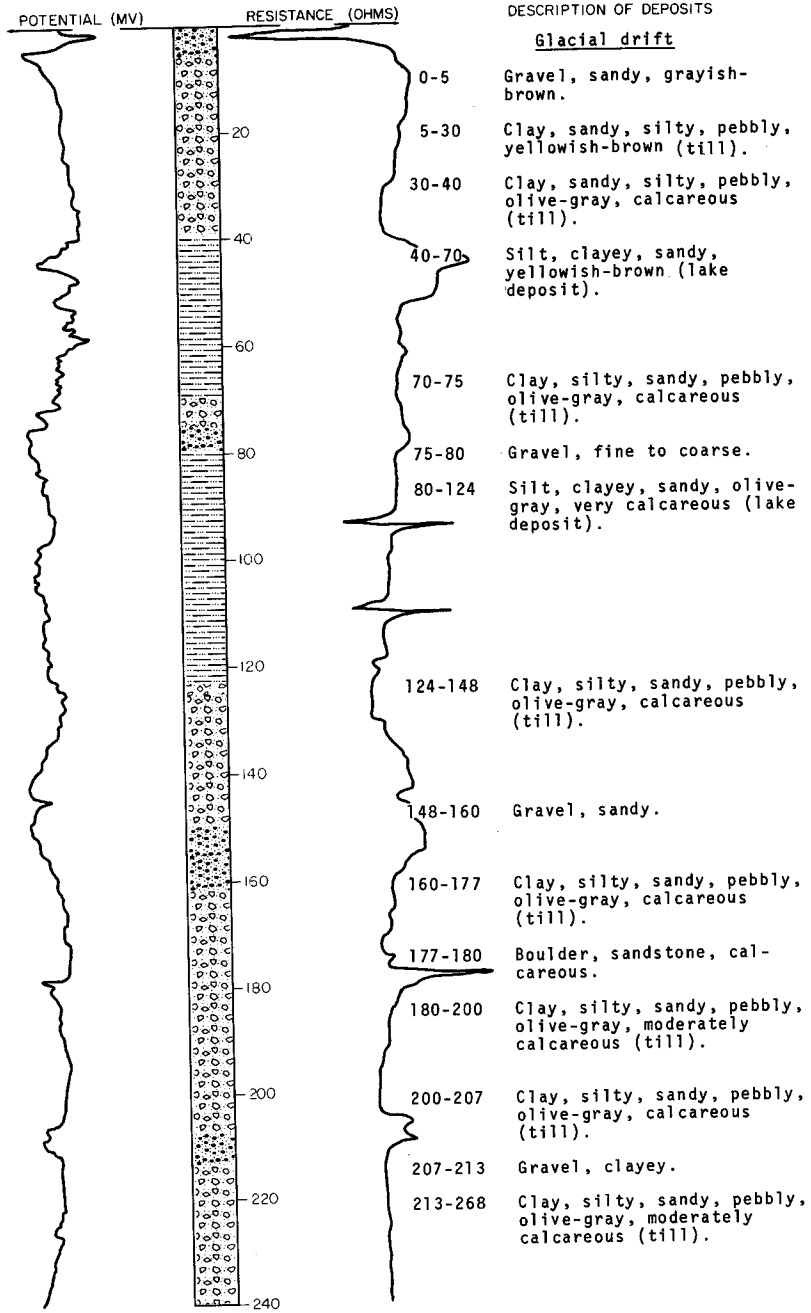


LOCATION: 155-55-29BAA

DATE DRILLED: July 1968

ELEVATION: 1180
(FT, MSL)

DEPTH: 340
(FT)



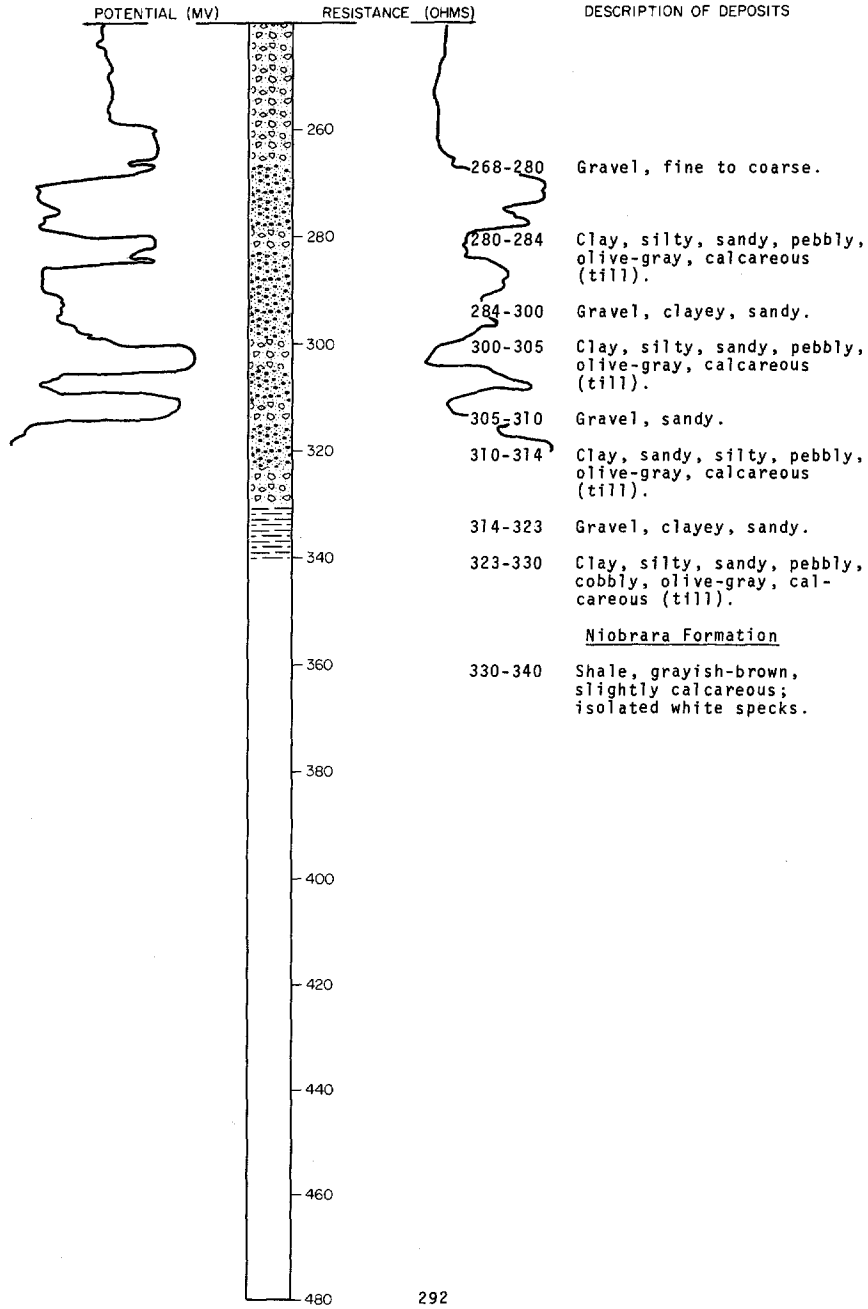
NDSWC 5033, Continued

LOCATION: 155-55-29BAA

DATE DRILLED: July 1968

ELEVATION:
(FT, MSL)

DEPTH: 340
(FT)



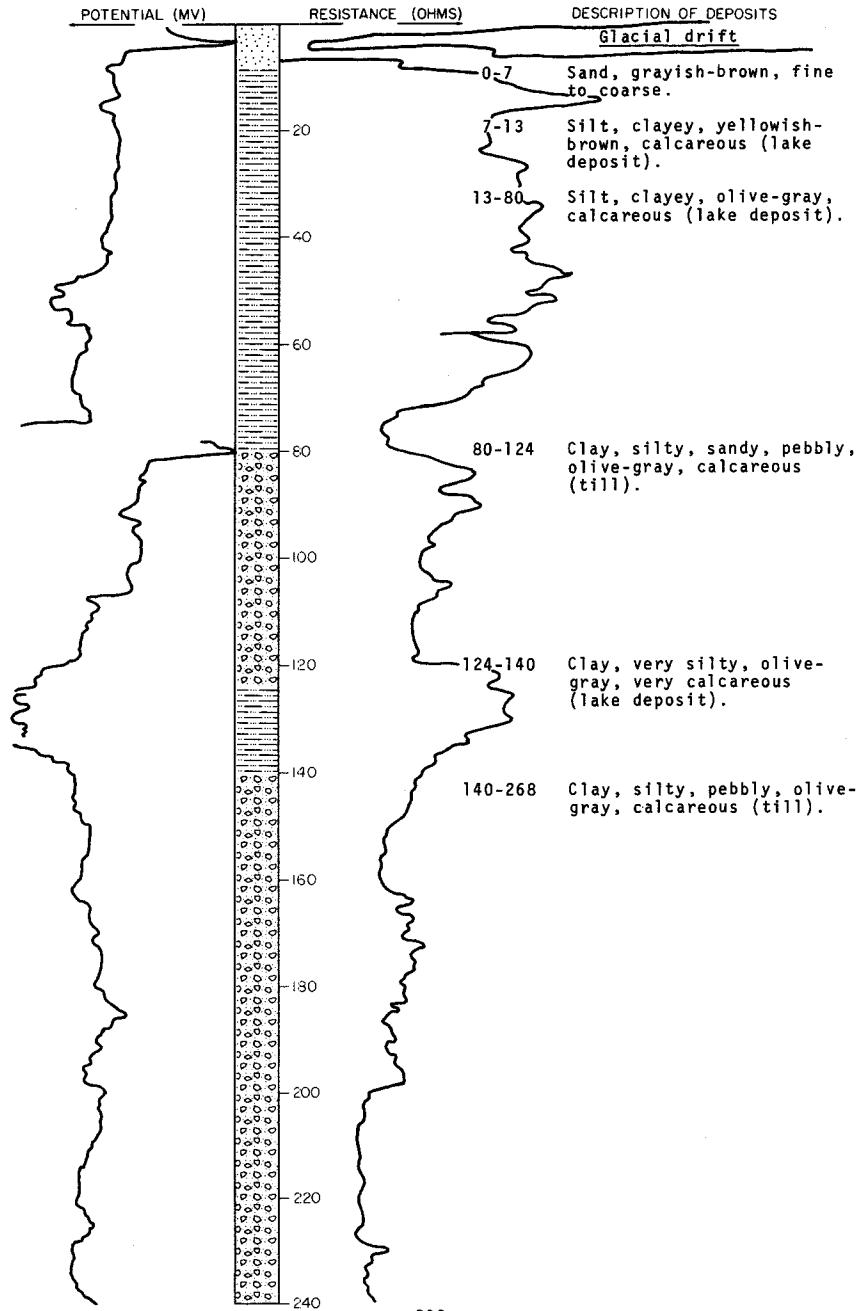
LOCATION: 155-55-33BBB

NDSWC 5026

DATE DRILLED: July 1968

ELEVATION: 1125
(FT, MSL)

DEPTH: 300
(FT)



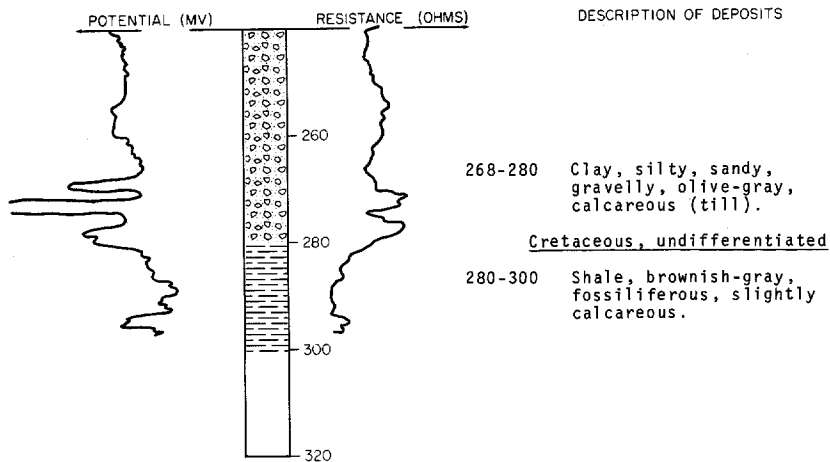
LOCATION: 155-55-33BBB

NDSWC 5026, Continued

DATE DRILLED: July 1968

ELEVATION: 1125
(FT, MSL)

DEPTH: 300
(FT)



155-56-1BBC
(Log from U.S. Army)

Elevation: 1146 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---------------------------|------------------|--------------|
| | Topsoil----- | 2 | 2 |
| | Clay, yellow----- | 6 | 8 |
| | Clay, blue----- | 4 | 12 |
| | Clay, sandy----- | 2 | 14 |
| | Gravel, gray----- | 6 | 20 |
| | Gravel, fine----- | 1 | 21 |
| | Gravel, coarse, gray----- | 14 | 35 |
| | Clay----- | -- | -- |

155-56-1BCD
(Log from U.S. Army)

Elevation: 1143 ft

| | | | |
|--|------------------------|----|----|
| | Topsoil----- | 2 | 2 |
| | Clay, yellow----- | 4 | 6 |
| | Clay, sandy, blue----- | 5 | 11 |
| | Gravel, gray----- | 25 | 36 |
| | Clay----- | -- | -- |

155-56-2BBB
(Log from U.S. Army)

Elevation: 1173 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil----- | 0.5 | 0.5 |
| | Sand, gravelly, loose, damp, tan----- | 8.5 | 9 |
| | Sand, gravelly, medium, loose, damp, tan | 15 | 24 |
| | Sand, clayey, medium to coarse, loose, | | |
| | saturated, dark-brown----- | 8 | 32 |
| | Silt, sandy, soft, saturated, gray----- | 1 | 33 |
| | Sand, medium to coarse, loose, | | |
| | saturated, gray----- | 10 | 43 |
| | Silt, sandy, soft, saturated, gray----- | 3 | 46 |

155-56-2BCB
(Log from U.S. Army)

Elevation: 1167 ft

| | | | |
|--|--|-----|------|
| | Clay, sandy, silty, dark-brown----- | 1.5 | 1.5 |
| | Clay, sandy, silty, stiff, tan----- | 2.5 | 4 |
| | Sand, medium to coarse, loose, damp, | | |
| | tan----- | 8.5 | 12.5 |
| | Sand, clayey, fine, loose, damp, dark- | | |
| | brown----- | 1.5 | 14 |
| | Sand, medium, loose, tan----- | 21 | 35 |
| | Sand, medium to coarse, loose, | | |
| | saturated, gray----- | 12 | 47 |
| | Silt, sandy, very soft, saturated, gray- | 3 | 50 |

155-56-2CCB
(Log from U.S. Army)

Elevation: 1164 ft

| | | | |
|--|--|----|----|
| | Clay, lean, very soft, damp, dark-brown- | 1 | 1 |
| | Sand, coarse, with gravel, loose, dry, | | |
| | brown-orange----- | 18 | 19 |
| | Sand, coarse, gravelly, loose, damp, | | |
| | gray-orange----- | 4 | 23 |
| | Sand, coarse, gravelly, loose, | | |
| | saturated, tan with iron stains----- | 8 | 31 |
| | Silt, very soft, saturated, gray----- | 2 | 33 |
| | Sand, medium to coarse, with gravel | | |
| | and clay, loose, saturated, dark-gray- | | |
| | brown----- | 4 | 37 |
| | Silt, sandy, very soft, saturated, | | |
| | gray----- | 7 | 44 |

155-56-2DAD
(Log from U.S. Army)

Elevation: 1142 ft

| | | | |
|--|--------------------------|----|----|
| | Topsoil----- | 3 | 3 |
| | Clay----- | 6 | 9 |
| | Gravel, dirty----- | 5 | 14 |
| | Gravel, gray----- | 17 | 31 |
| | Gravel, fine, black----- | 1 | 32 |
| | Gravel, gray----- | 2 | 34 |
| | Clay----- | -- | -- |

155-56-2DDD2
(Log from U.S. Army)

Elevation: 1140 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------|-------------------------|---------------------|
| | Topsoil----- | 3 | 3 |
| | Clay----- | 6 | 9 |
| | Clay, sandy, blue----- | 4 | 13 |
| | Gravel, dirty----- | 3 | 16 |
| | Gravel, sandy, brown----- | 12 | 28 |
| | Gravel, gray----- | 3 | 31 |
| | Gravel, fine, gray----- | 1 | 32 |
| | Gravel, coarse, gray----- | 2 | 34 |
| | Clay----- | -- | -- |

155-56-3DCC
(Log from U.S. Army)

Elevation: 1165 ft

| | | | |
|--|---|----|----|
| | Clay, sandy, silty, loose, damp, dark-brown----- | 1 | 1 |
| | Sand, medium, clayey, loose, dry, tan--- | 10 | 11 |
| | Sand, coarse to medium, gravelly, loose, damp, tan and orange (iron stains)---- | 7 | 18 |
| | Gravel, sandy, loose, moist, brown with iron stains----- | 7 | 25 |
| | Sand, medium to coarse, clayey, loose, saturated, brown with iron stains---- | 9 | 34 |
| | Sand, medium to coarse, clayey, gravelly, loose, saturated, gray----- | 7 | 41 |
| | Silt, soft, saturated, gray----- | 3 | 44 |

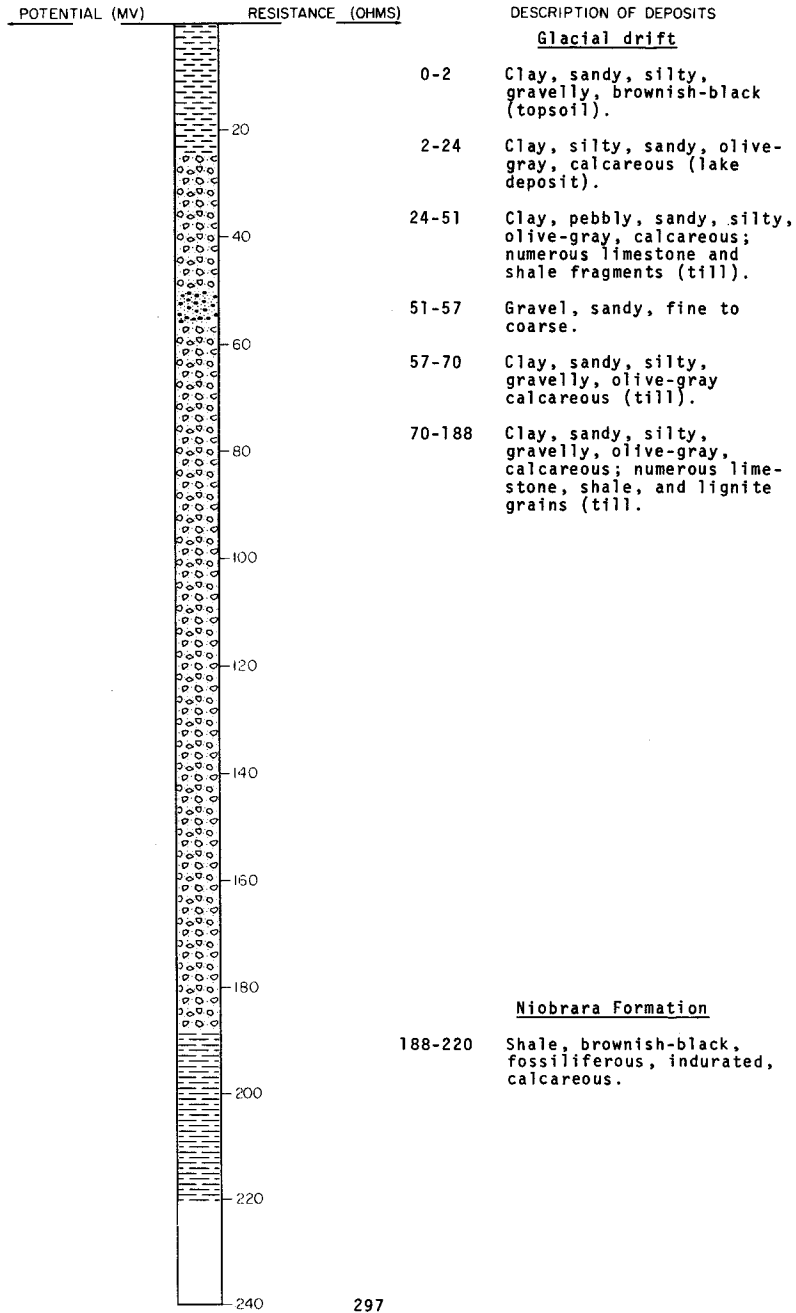
LOCATION: 155-56-488B

NOSWC 2938

DATE DRILLED: May 1968

ELEVATION: 1180
(FT, MSL)

DEPTH: 220
(FT)



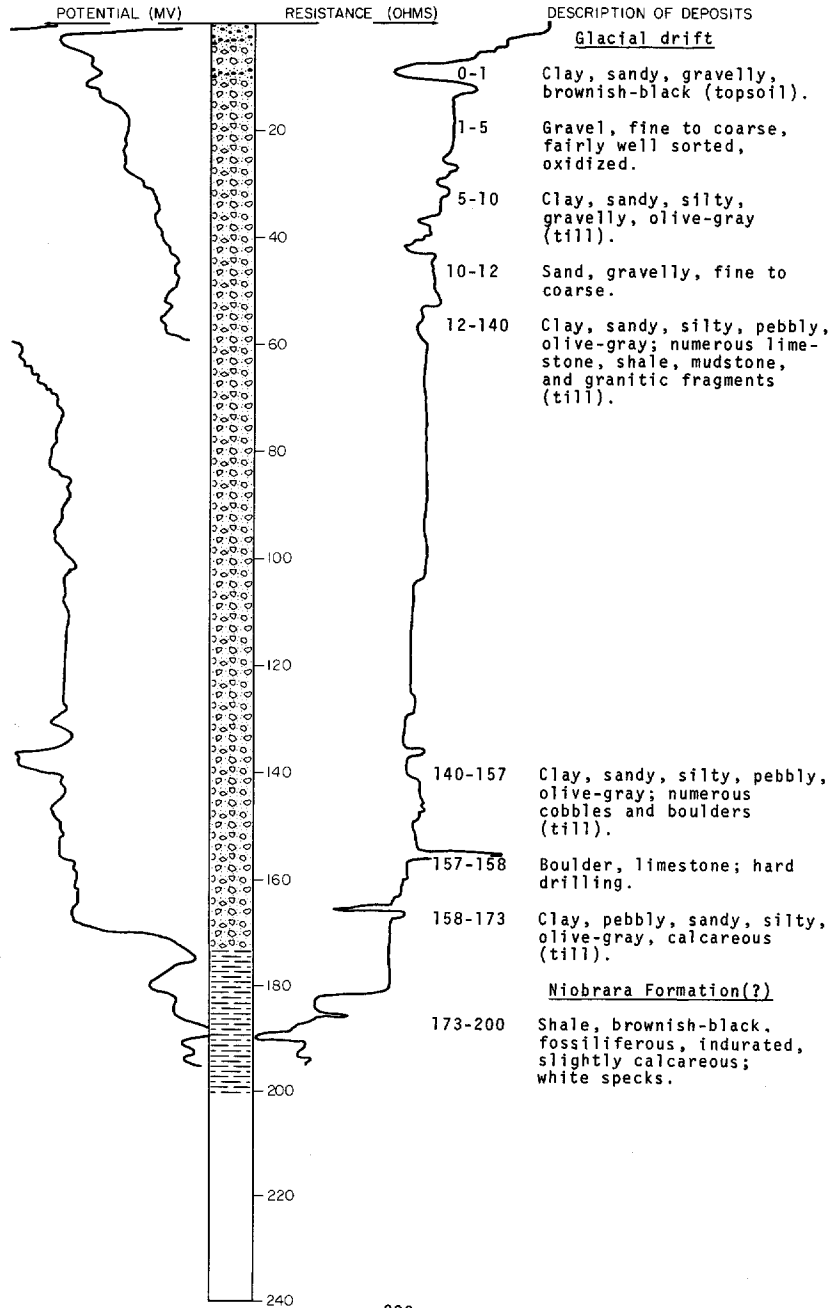
LOCATION: 155-56-9CCC

NDSWC 2940

DATE DRILLED: May 1968

ELEVATION: 1187
(FT, MSL)

DEPTH: 200
(FT)



155-56-11AAD
(Log from U.S. Army)

Elevation: 1146 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------|-------------------------|---------------------|
| | Topsoil----- | 2 | 2 |
| | Clay, yellow----- | 5 | 7 |
| | Gravel, sandy----- | 10 | 17 |
| | Sand, brown----- | 3 | 20 |
| | Gravel, gray----- | 15 | 35 |

155-56-11CBB
(Log from U.S. Army)

Elevation: 1162 ft

| | | | |
|--|--|----|----|
| | Topsoil----- | 1 | 1 |
| | Clay, sandy, silty, hard, dry, tan----- | 3 | 4 |
| | Sand, gravelly, medium, damp, loose, tan----- | 24 | 28 |
| | Sand, gravelly, clayey, loose, saturated, brown----- | 13 | 41 |
| | Silt, sandy, soft, saturated, gray----- | 3 | 44 |

155-56-12CBB
(Log from owner)

Elevation: 1139 ft

| | | | |
|--|--------------------|---|----|
| | Silty topsoil----- | 5 | 5 |
| | Gravel----- | 7 | 12 |
| | Medium sand----- | 6 | 18 |

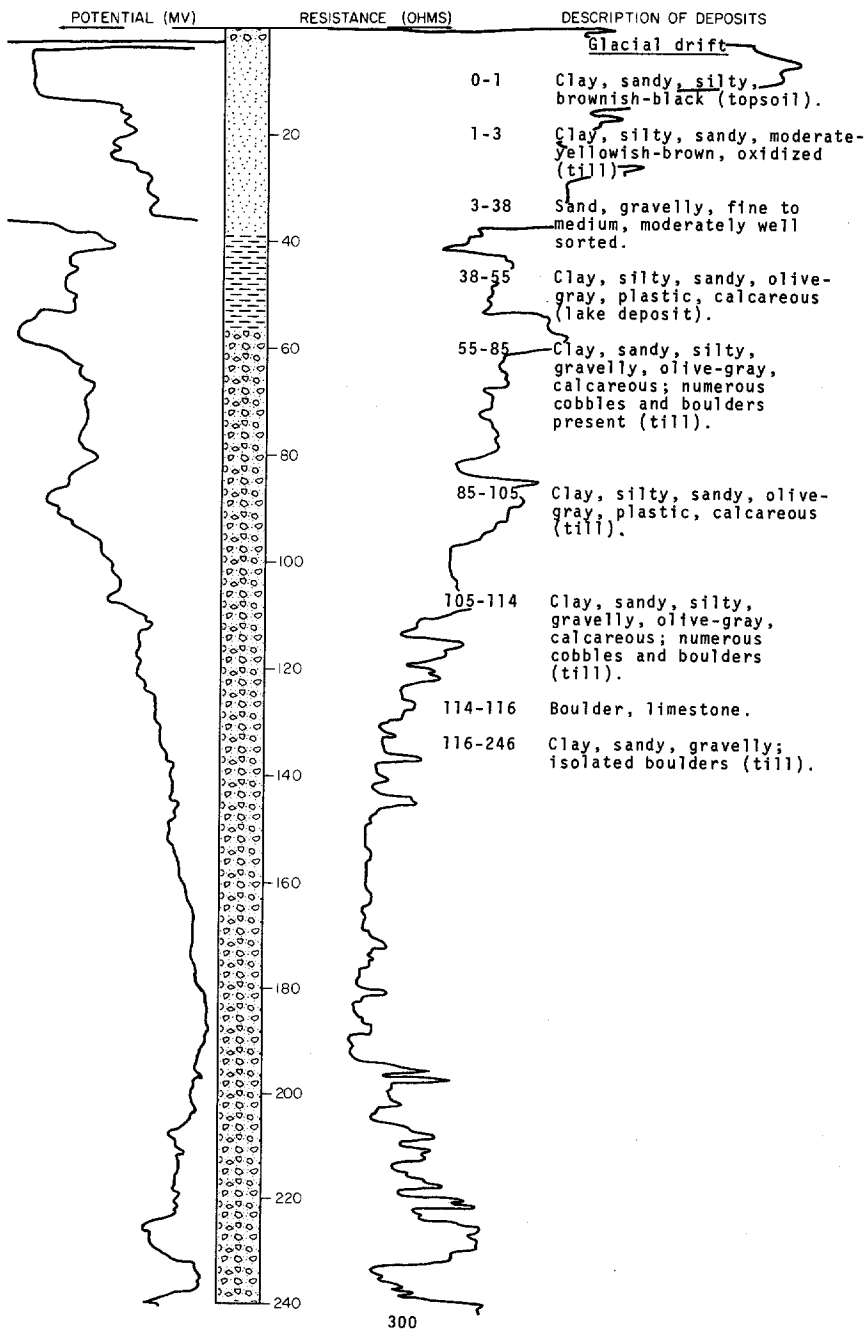
LOCATION: 155-56-12CCD

NDSWC 2935

DATE DRILLED: May 1968

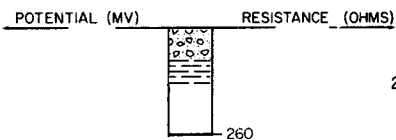
ELEVATION: 1145
(FT, MSL)

DEPTH: 250
(FT)



LOCATION: 155-56-12CCD NDSWC 2935, Continued
 ELEVATION: 1145
 (FT, MSL)

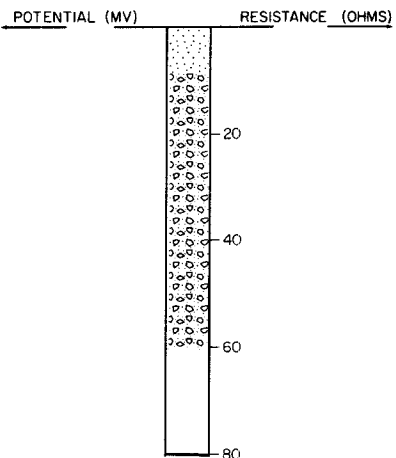
DATE DRILLED: May 1968
 DEPTH: 250
 (FT)



DESCRIPTION OF DEPOSITS
Niobrara Formation
 246-250 Shale, fossiliferous, indurated, calcareous; with interbedded light-gray limestone.

LOCATION: 155-56-15CCC NDSWC 5701
 ELEVATION: 1150
 (FT, MSL)

DATE DRILLED: June 1970
 DEPTH: 60
 (FT)

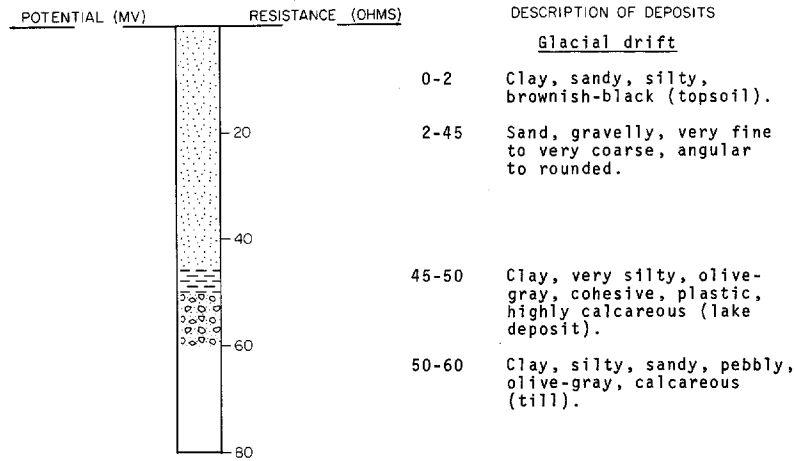


DESCRIPTION OF DEPOSITS
Glacial drift
 0-1 Clay, silty, sandy, black (topsoil).
 1-8 Sand, clayey, gravelly, very fine to very coarse, subangular to subrounded, fairly well sorted, oxidized.
 8-60 Clay, silty, sandy, pebbly, olive-gray, calcareous; cobbles and boulders (till).

LOCATION: 155-56-23AAA2
 ELEVATION: 1155
 (FT, MSL)

NDSWC 5700

DATE DRILLED: June 1970
 DEPTH: 60
 (FT)



155-56-25AAA
 (Log from owner)

Elevation: 1150 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|----------------------|------------------|--------------|
| | Sand and gravel----- | 33 | 33 |
| | Clay----- | 2 | 35 |

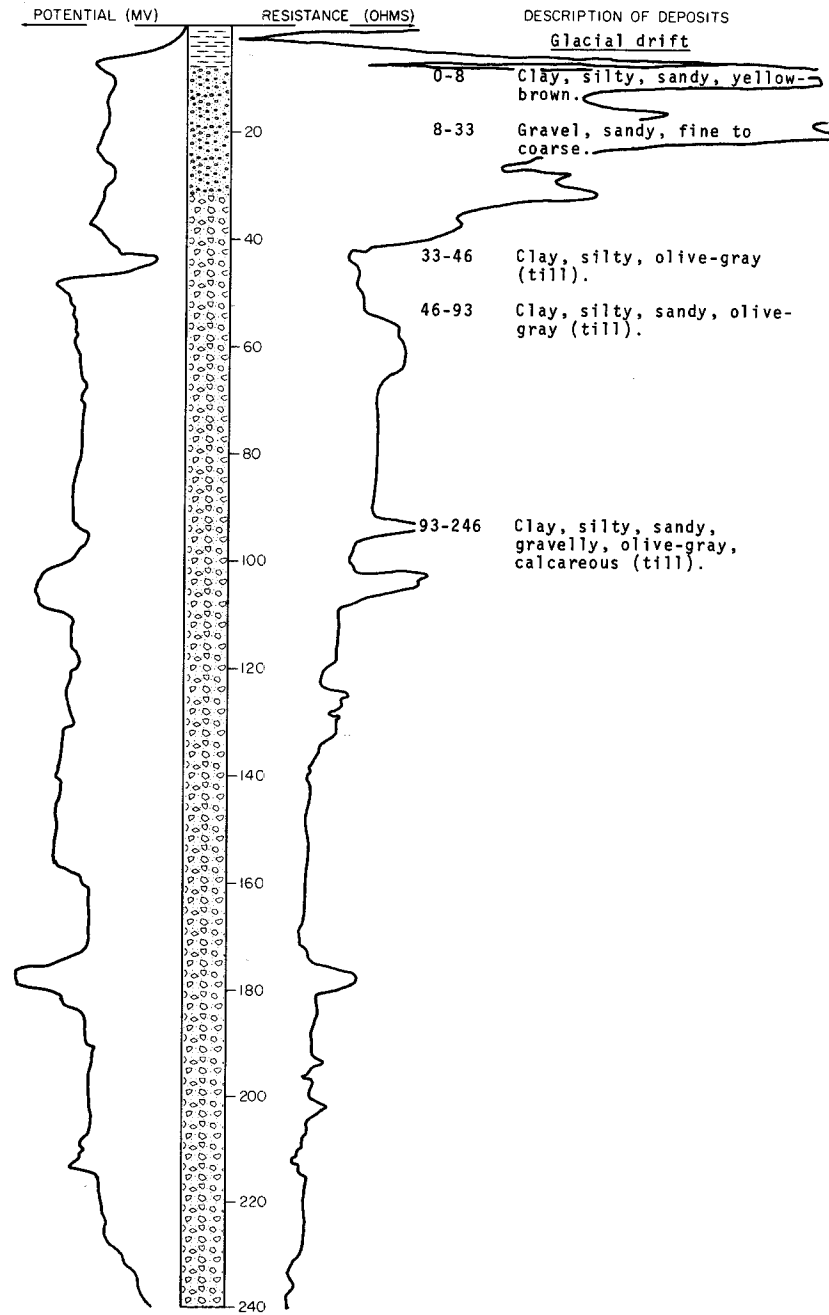
LOCATION: 155-56-25ADD

NDSWC 2782

DATE DRILLED: August 1967

ELEVATION: 1140
(FT, MSL)

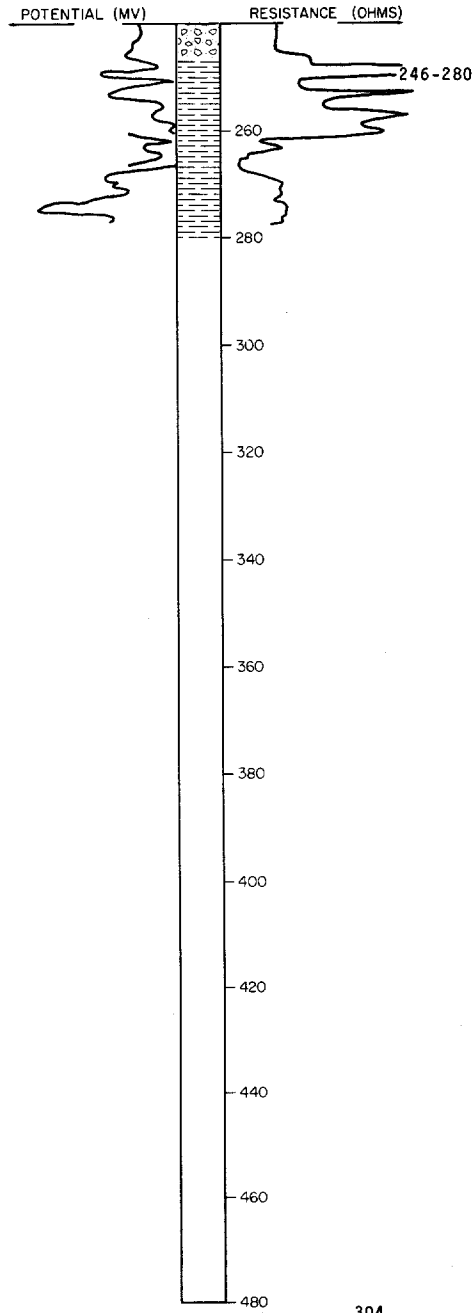
DEPTH: 280
(FT)



LOCATION: 155-56-25ADD
ELEVATION: 1140
(FT, MSL)

NDSWC 2782, Continued

DATE DRILLED: August 1969
DEPTH: 280
(FT)



DESCRIPTION OF DEPOSITS
Niobrara Formation
Shale, greenish-gray,
calcareous; white specks.

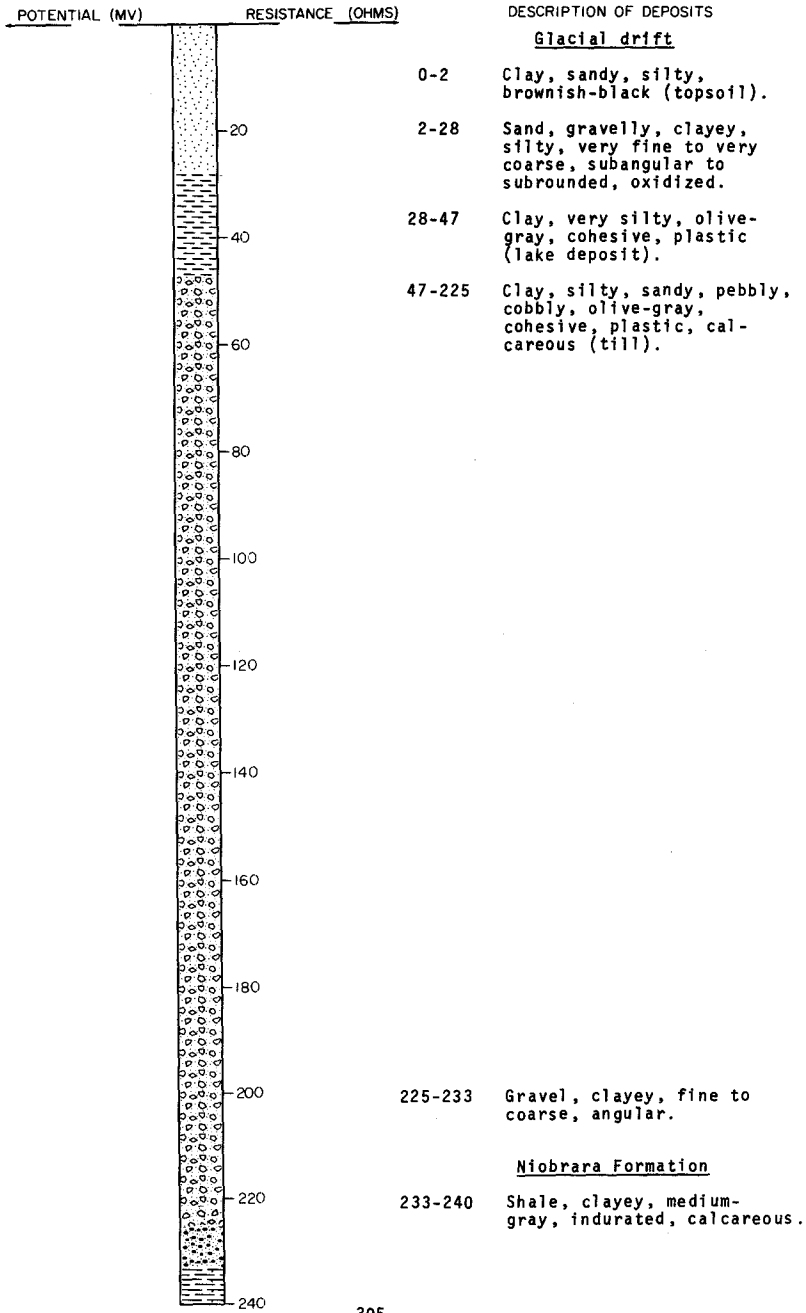
LOCATION: 155-56-25BCB

NDSWC 5699

DATE DRILLED: June 1970

ELEVATION: 1144
(FT, MSL)

DEPTH: 240
(FT)



155-56-25BCC
(Log from owner)

Elevation: 1144 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------|-------------------------|---------------------|
| | Sandy gravel----- | 29 | 29 |
| | Blue clay----- | 1 | 30 |

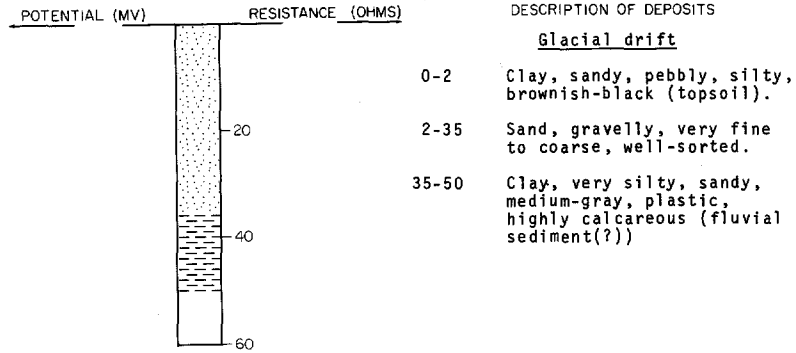
LOCATION: 155-56-25BCD

NDSWC 5698

DATE DRILLED: June 1970

ELEVATION: 1144
(FT, MSL)

DEPTH: 50
(FT)



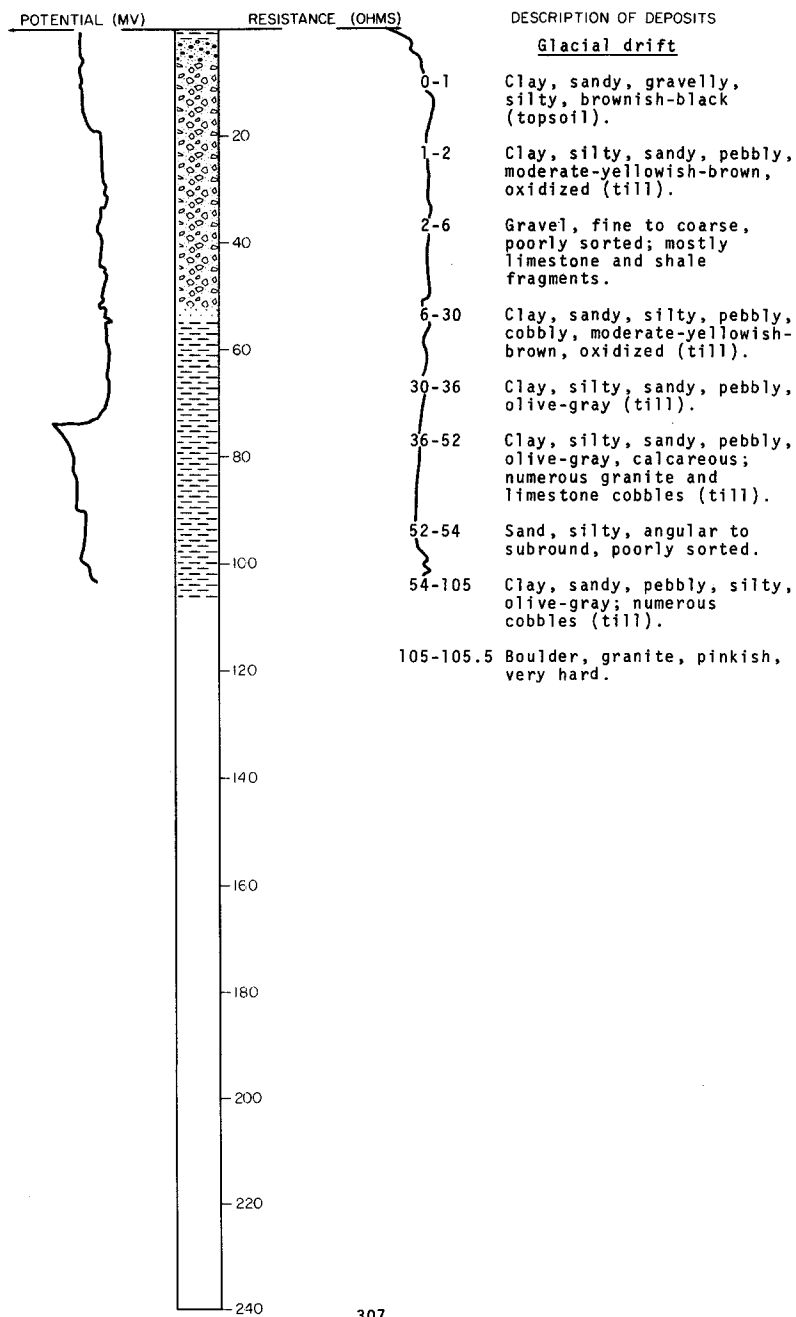
LOCATION: 155-56-28ABB

NDSWC 2941

DATE DRILLED: May 1968

ELEVATION: 1187
(FT, MSL)

DEPTH: 105.5
(FT)



155-56-29ADB
(Log from U.S. Air Force)

Elevation: 1230 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Silt, sandy, clayey; with shale fragments----- | 11 | 11 |
| | Silt----- | 4 | 15 |
| | Clay, silty----- | 19 | 34 |
| | Silt----- | 4 | 38 |
| | Clay, silty----- | 23 | 61 |
| | Sand, fine to medium----- | 3 | 64 |
| | Clay, silty----- | 6 | 70 |
| | Clay, sandy----- | 14 | 84 |
| | Sand, fine----- | 5 | 89 |
| | Clay----- | 7.5 | 96.5 |
| | Shale, calcareous, gray, laminated, clayey----- | 33.5 | 130 |

155-56-31CDD
NDGS W6

Elevation: 1400 ft

| | | | |
|--|--|----|----|
| | Alternating gravel and till, bedded; 1 to 2 ft beds----- | 8 | 8 |
| | Gravel, medium to coarse, sandy, silty, dense----- | 10 | 18 |

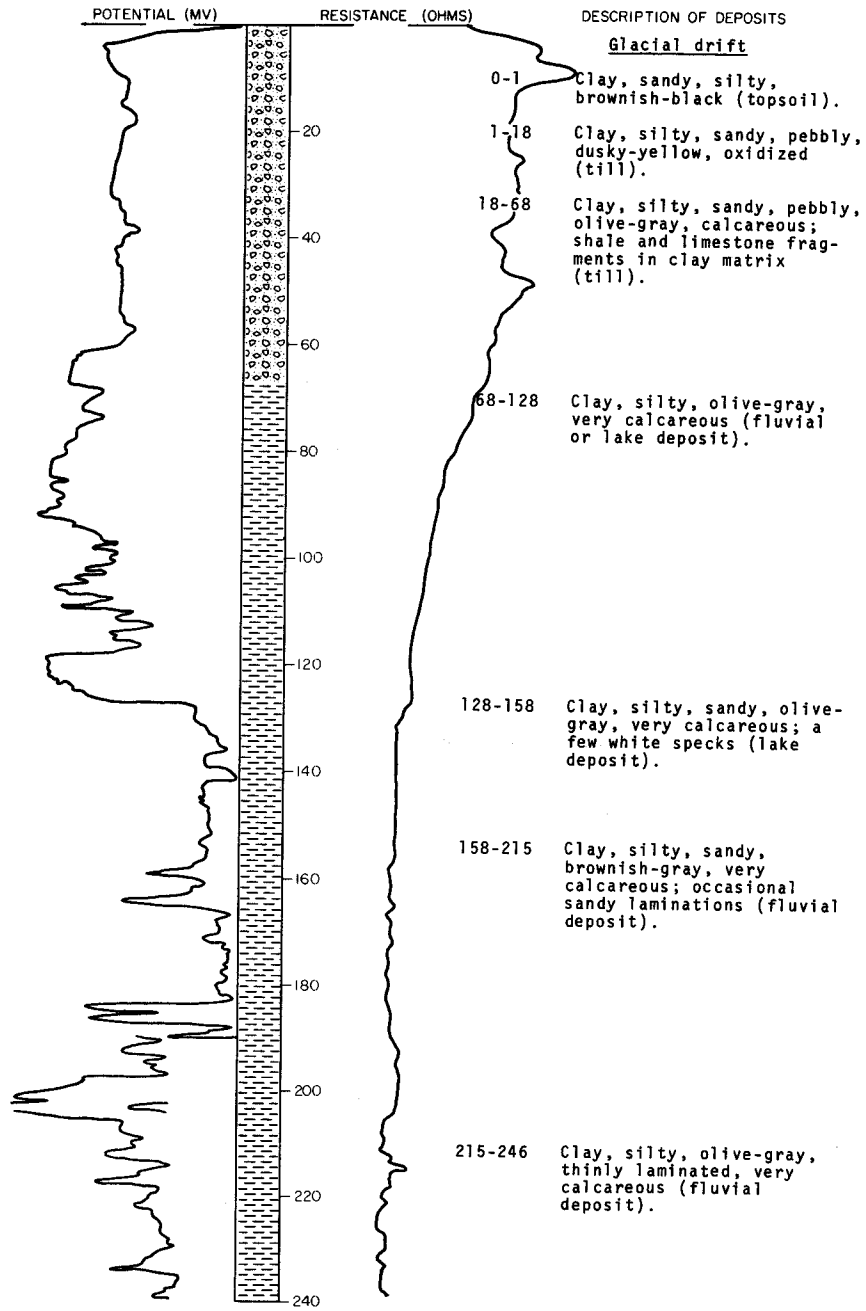
LOCATION: 155-56-328BB

NDSWC 5035

DATE DRILLED: July 1968

ELEVATION: 1271
(FT, MSL)

DEPTH: 280
(FT)



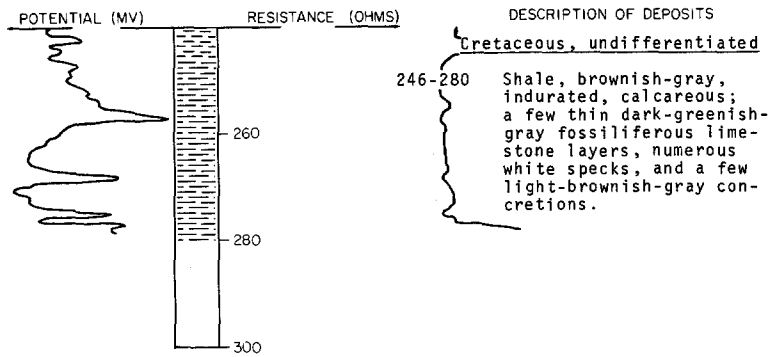
NDSWC 5035, Continued

LOCATION: 155-56-328BB

DATE DRILLED: July 1968

ELEVATION: 1271
(FT, MSL)

DEPTH: 280
(FT)



155-56-32CDD
NDGS W5

Elevation: 1270 ft

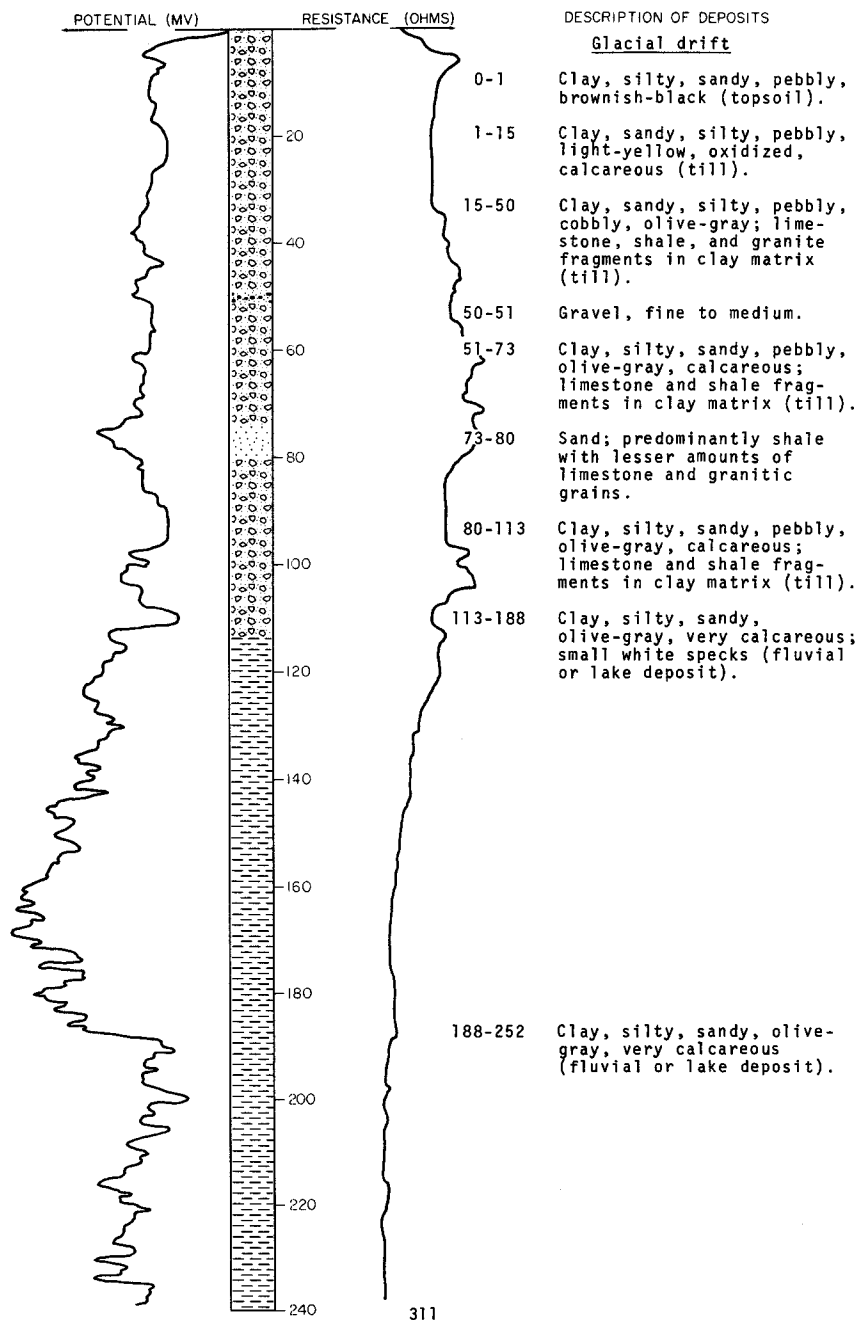
| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Gravel, loose, silty, oxidized----- | 5 | 5 |
| | Till, mixed with gravel, oxidized, less oxidation below 14 ft, increased sand content below 20 ft----- | 18 | 23 |
| | Till, mixed with gravel, unoxidized, dense, sandy----- | 21 | 44 |

LOCATION: 155-57-18BB

DATE DRILLED: July 1968

ELEVATION: 1360
(FT, MSL)

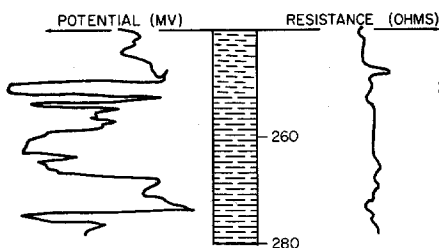
DEPTH: 280
(FT)



LOCATION: 155-57-1888
 ELEVATION: 1360
 (FT, MSL)

NDSWC 5036, Continued

DATE DRILLED: July 1968
 DEPTH: 280
 (FT)



DESCRIPTION OF DEPOSITS
Niobrara Formation
 252-280 Shale, brownish-black, fossiliferous, indurated; horizontal bedding, a few white specks.

155-57-2DDA1
 (Log from owner)

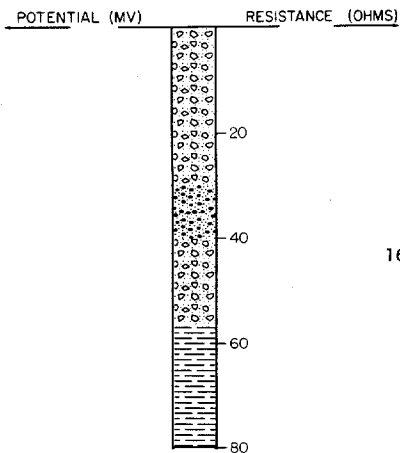
Elevation: 1400 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|----------|------------------|--------------|
| | Gravel | 30 | 30 |
| | Clay | 1 | 31 |

LOCATION: 155-57-110DD
 ELEVATION: 1355
 (FT, MSL)

NDSWC 5037

DATE DRILLED: July 1968
 DEPTH: 80
 (FT)



DESCRIPTION OF DEPOSITS
Glacial drift
 0-1 Clay, sandy, silty, pebbly, brownish-black (topsoil).
 1-16 Clay, silty, sandy, pebbly, light-yellow, oxidized (till).
 16-16.5 Boulder, granite, black and white.
 16.5-30 Clay, silty, sandy, pebbly, moderate-yellowish-brown, calcareous, oxidized (till).
 30-40 Gravel, sandy, fairly well sorted.
 40-55 Clay, silty, sandy (till).
Pierre Formation
 55-80 Shale, black, indurated, noncalcareous.

155-57-16AAC
(Log from U.S. Air Force)

Elevation: 1460 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------|-------------------------|---------------------|
| | Clay----- | 18 | 18 |
| | Sand, clayey----- | 11.5 | 29.5 |
| | Shale----- | 10.5 | 40 |

155-57-16ABC
(Log from U.S. Air Force)

Elevation: 1460 ft

| | | | |
|--|------------------------------------|----|-----|
| | Clay, organic, sandy----- | 3 | 3 |
| | Clay, sandy, silty----- | 8 | 11 |
| | Sand, clayey, fine----- | 3 | 14 |
| | Clay, sandy, silty----- | 6 | 20 |
| | Silt, clayey, sandy----- | 5 | 25 |
| | Clay, sandy, silty----- | 8 | 33 |
| | Sand, gravelly, clayey----- | 11 | 44 |
| | Silt, gravelly, sandy----- | 10 | 54 |
| | Sand, gravelly, silty, clayey----- | 14 | 68 |
| | Shale----- | 62 | 130 |

155-57-22BAA
(Log from Frederickson's, Inc.)

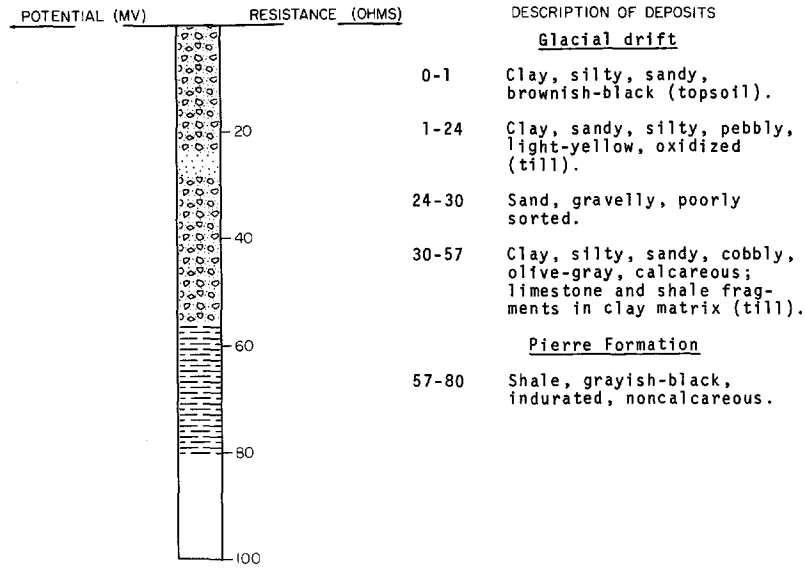
Elevation: 1450 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------------------|-------------------------|---------------------|
| | Topsoil, black----- | 1.5 | 1.5 |
| | Clay, sandy, yellow----- | 20.5 | 22 |
| | Clay, sandy, rock at 30 ft, blue----- | 18 | 40 |
| | Shale, blue----- | 485 | 525 |
| | Shale, hard, blue----- | 94 | 619 |
| | Shale, sandy, blue----- | 2 | 621 |
| | Shale, blue----- | 91 | 712 |
| | Shale, hard, blue----- | 142 | 854 |
| | Shale, blue----- | 77 | 931 |
| | Shale, blue and light-gray----- | 6 | 937 |
| | Sand, silty, dirty----- | 19 | 956 |
| | Shale, blue----- | 5 | 961 |
| | Sand----- | 3 | 964 |
| | Shale, blue----- | 2 | 966 |
| | Sand----- | 2 | 968 |
| | Shale, blue----- | 3 | 971 |
| | Sand with lenses of shale----- | 8 | 979 |
| | Sand----- | 63 | 1042 |

LOCATION: 155-57-28CBC
 ELEVATION: 1488
 (FT, MSL)

NDSWC 5040

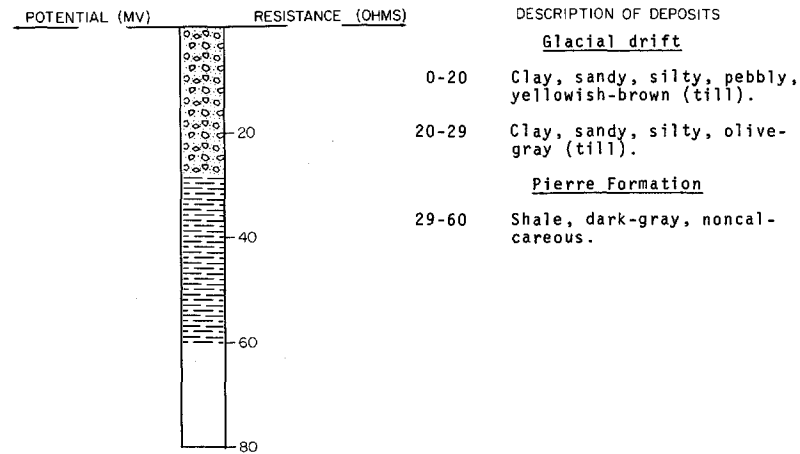
DATE DRILLED: July 1968
 DEPTH: 80
 (FT)



LOCATION: 155-57-368BB

NDSWC 5039

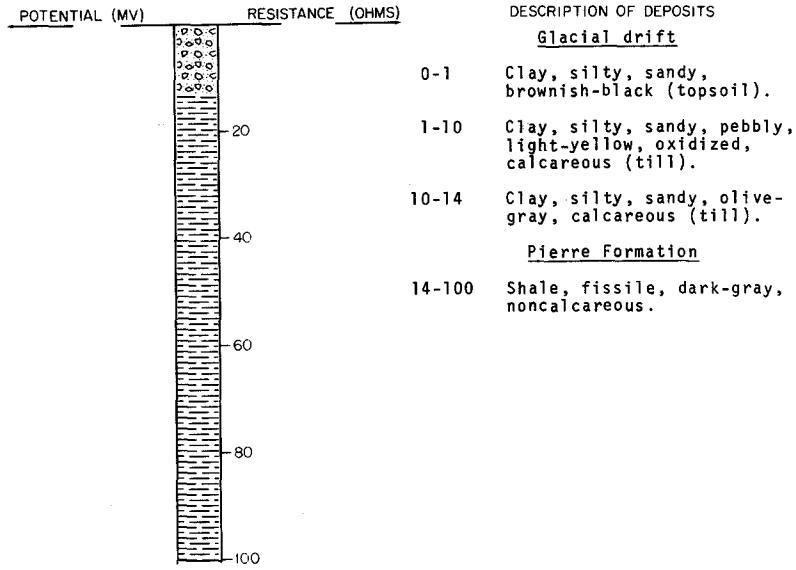
DATE DRILLED: July 1968
 DEPTH: 60
 (FT)



NDSWC 5038

LOCATION: 155-58-13DDD
 ELEVATION: 1509
 (FT, MSL)

DATE DRILLED: July 1968
 DEPTH: 100
 (FT)



155-58-17DAB
 (Log from U.S. Air Force)

Elevation: 1505 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---------------------|------------------|--------------|
| | Clay----- | 8 | 8 |
| | Silt----- | 15 | 23 |
| | Shale and silt----- | 7 | 30 |
| | Shale----- | 100 | 130 |

155-59-17DCC
 (Log from C. A. Simpson & Son)

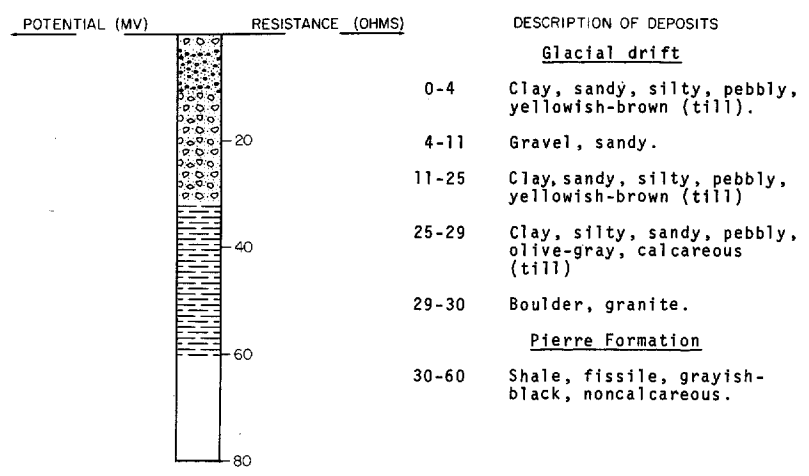
Elevation: 1520 ft

| | | | |
|--|------------------------|----|-----|
| | Topsoil----- | 1 | 1 |
| | Sandy yellow clay----- | 17 | 18 |
| | Shale----- | 92 | 110 |

LOCATION: 155-59-22BBB
 ELEVATION: 1525
 (FT, MSL)

NDSWC 5043

DATE DRILLED: July 1968
 DEPTH: 60
 (FT)



155-59-30AAD
 (Log from C. A. Simpson & Son)

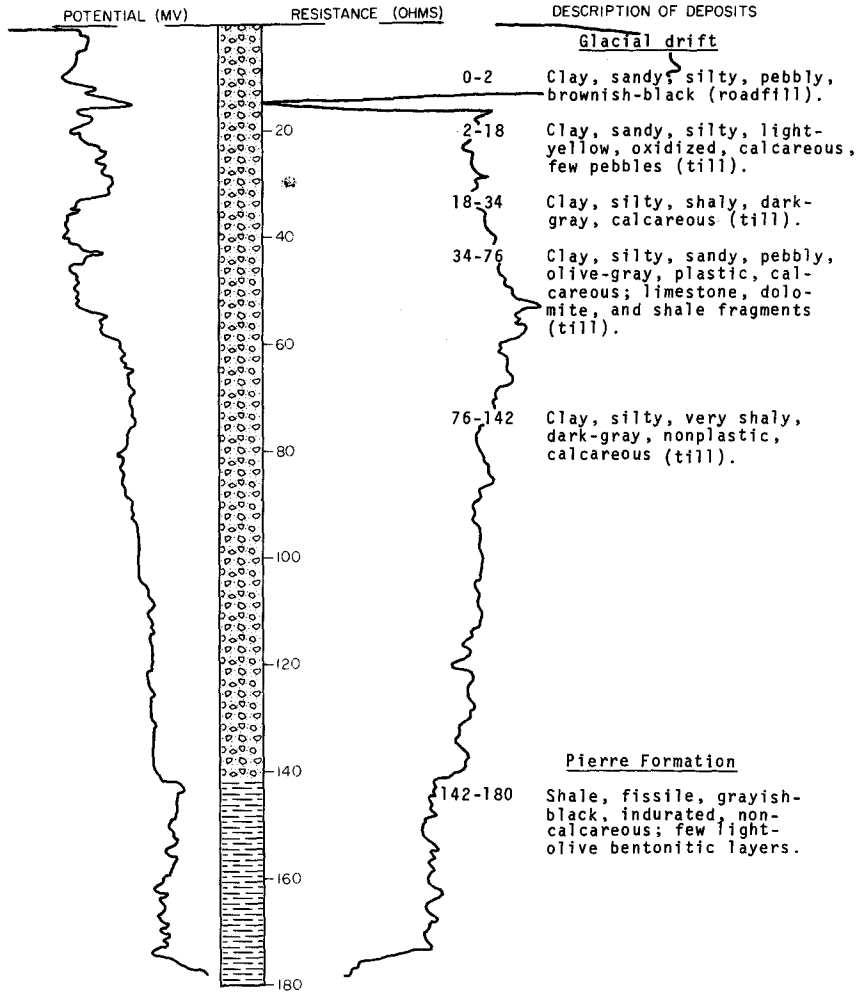
Elevation: 1525 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------|-------------------------|---------------------|
| | Topsoil----- | 1 | 1 |
| | Clay, yellow----- | 9 | 10 |
| | Clay, gravelly, yellow----- | 17 | 27 |
| | Shale, blue, unsaturated----- | 87 | 114 |
| | Shale, blue, saturated----- | 1 | 115 |

LOCATION: 155-59-32BBB
 ELEVATION: 1515
 (FT, MSL)

NDSWC 5042

DATE DRILLED: July 1968
 DEPTH: 180
 (FT)



155-59-32CDA
 (Log from C. A. Simpson & Son)

Elevation: 1540 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------------|-------------------------|---------------------|
| | Topsoil----- | 2 | 2 |
| | Clay, gravelly, yellow----- | 23 | 25 |
| | Shale----- | 125 | 150 |

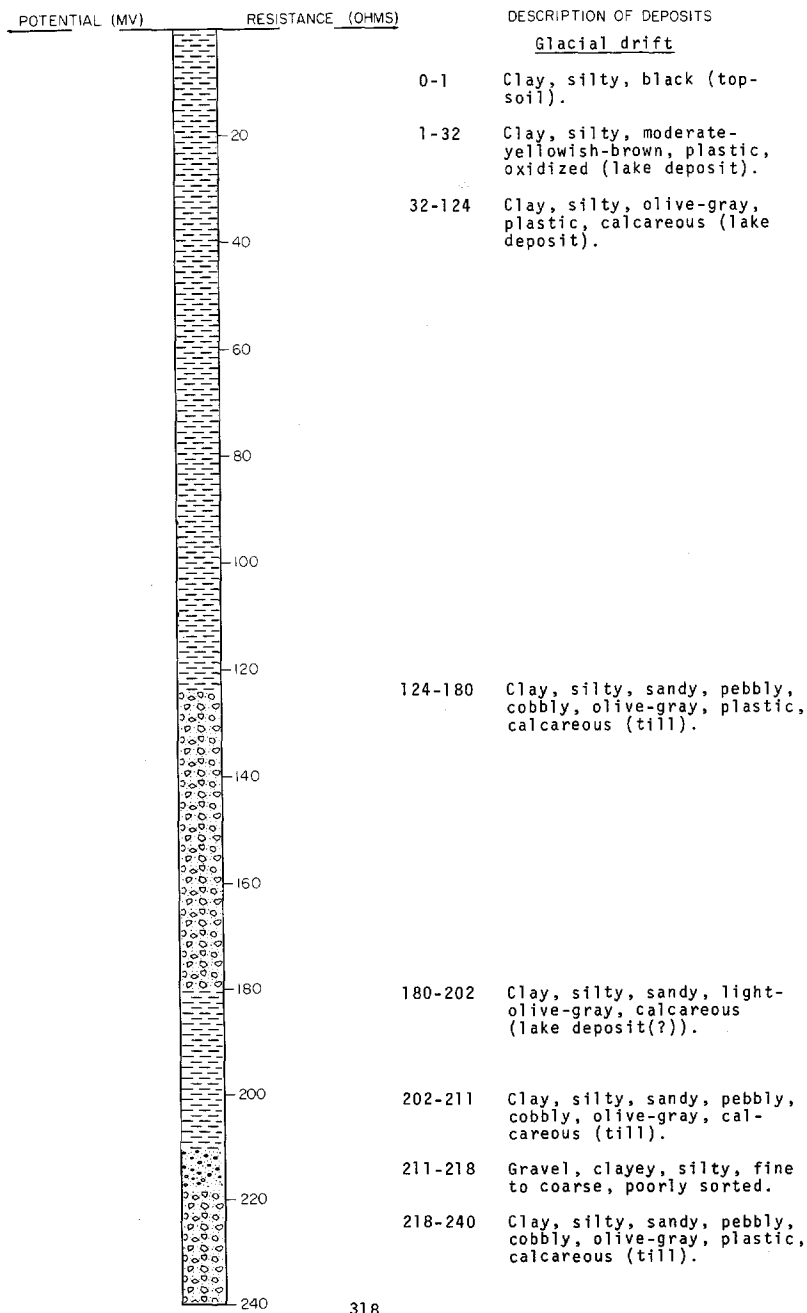
NDSWC 5393

LOCATION: 156-51-26DDD

DATE DRILLED: August 1969

ELEVATION: 803
(FT, MSL)

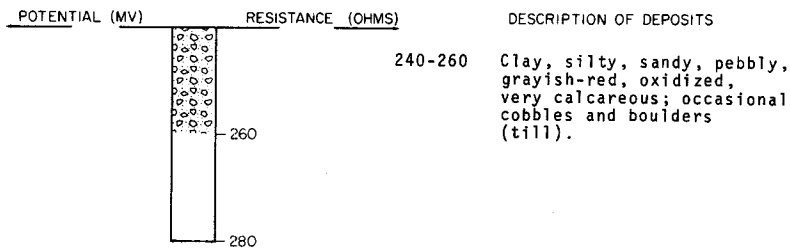
DEPTH: 260
(FT)



LOCATION: 156-51-26DDD
 ELEVATION: 803
 (FT, MSL)

NDSWC 5393, Continued

DATE DRILLED: August 1969
 DEPTH: 260
 (FT)



156-51-28AAD
 (Log from North Dakota State Highway Dept.)

Elevation: 793 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------------------|------------------|--------------|
| | Clay, silty----- | 103 | 103 |
| | Clay, sandy, silty (till)----- | 19 | 122 |

156-51-28ADD
 (Log from North Dakota State Highway Dept.)

Elevation: 803.5 ft

| | | | |
|--|--|-------|-------|
| | Clay, silty, brown, topsoil and fill---- | 4.5 | 4.5 |
| | Clay, silty, brown-gray; isolated sand lenses, varved----- | 17.1 | 21.6 |
| | Clay, silty, gray, laminated----- | 8.1 | 29.7 |
| | Clay, silty, gray, massive----- | 106.9 | 136.6 |
| | Clay, silty, sandy, gray, stratified; slight gravel content, isolated sand lenses----- | 19.4 | 156 |

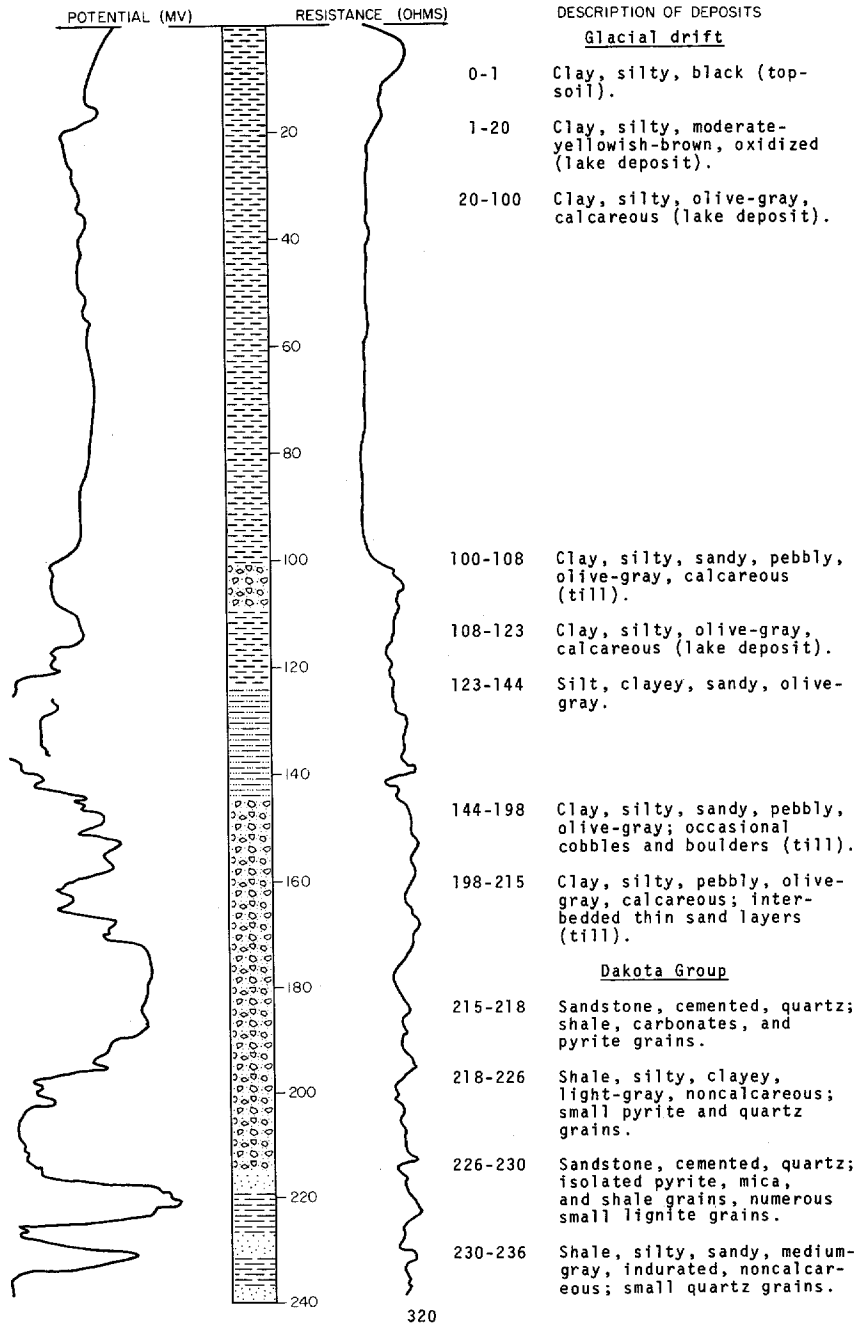
NDSWC 5394

LOCATION: 156-52-27CCC

DATE DRILLED: August 1969

ELEVATION: 816
(FT, MSL)

DEPTH: 267
(FT)



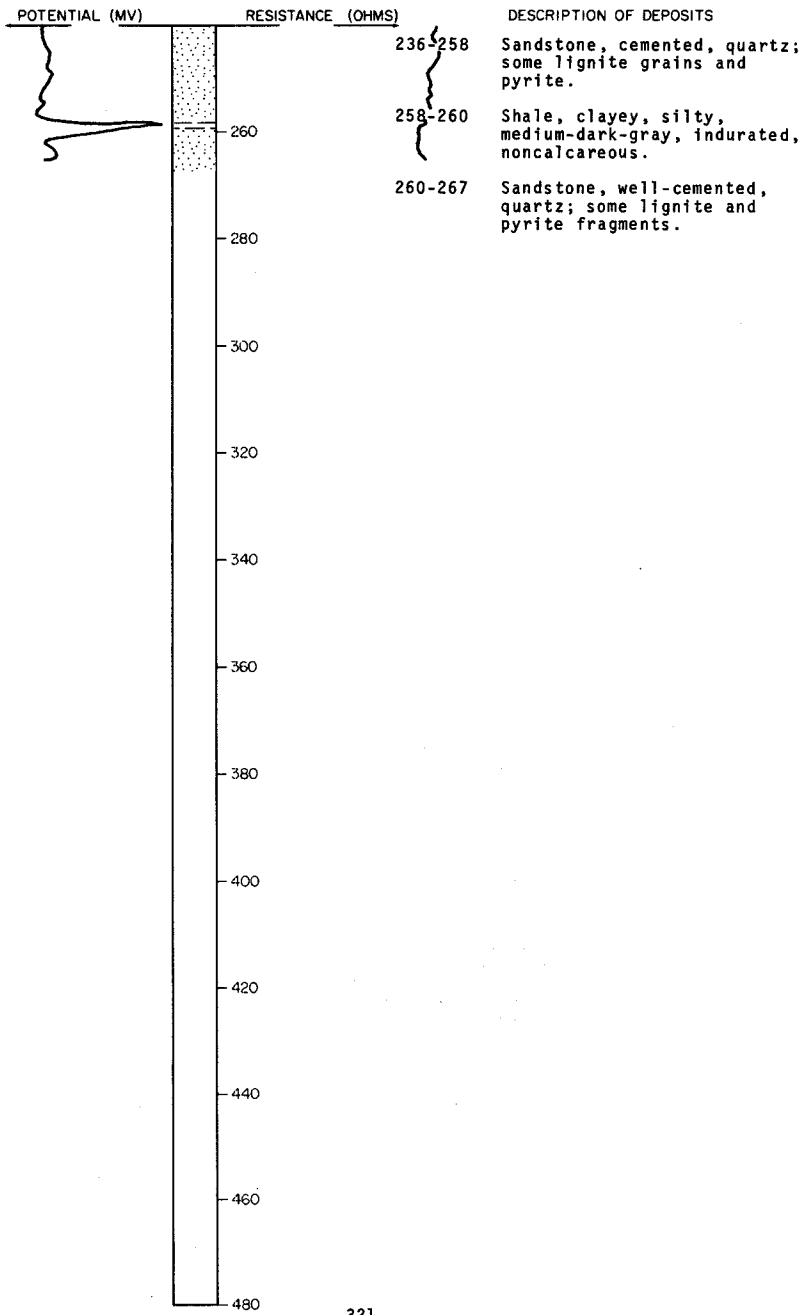
LOCATION: 156-52-27CCC

NDSWC 5394, Continued

DATE DRILLED: August 1969

ELEVATION: 816
(FT, MSL)

DEPTH: 267
(FT)



156-52-31ACC
(Log from McCarthy Well Drilling)

Elevation: 823 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------|-------------------------|---------------------|
| | Clay, yellow----- | 22 | 22 |
| | Gravel----- | 8 | 30 |
| | Clay, blue----- | -- | -- |

156-52-31BCB
USGS test 713
(Log from Brookhart and Powell, 1961)

Elevation: 824 ft

| | | | |
|------------------------|---------------------------|----|----|
| Lake Agassiz deposits: | | | |
| | Silt, yellowish-gray----- | 15 | 15 |
| | Clay, medium-gray----- | 35 | 50 |

156-52-31BCC
USGS test 712
(Log from Brookhart and Powell, 1961)

Elevation: 824 ft

| | | | |
|------------------------|---------------------------|----|----|
| Lake Agassiz deposits: | | | |
| | Silt, yellowish-gray----- | 10 | 10 |
| | Clay, medium-gray----- | 40 | 50 |

156-52-31CBB1
USGS test 710
(Log from Brookhart and Powell, 1961)

Elevation: 824 ft

| | | | |
|------------------------|---------------------------------|----|----|
| Lake Agassiz deposits: | | | |
| | Topsoil, silty, dark-gray----- | 5 | 5 |
| | Silt, light-yellowish-gray----- | 15 | 20 |
| | Clay, medium-gray----- | 30 | 50 |

156-52-31CBB2
USGS test 711
(Log from Brookhart and Powell, 1961)

Elevation: 824 ft

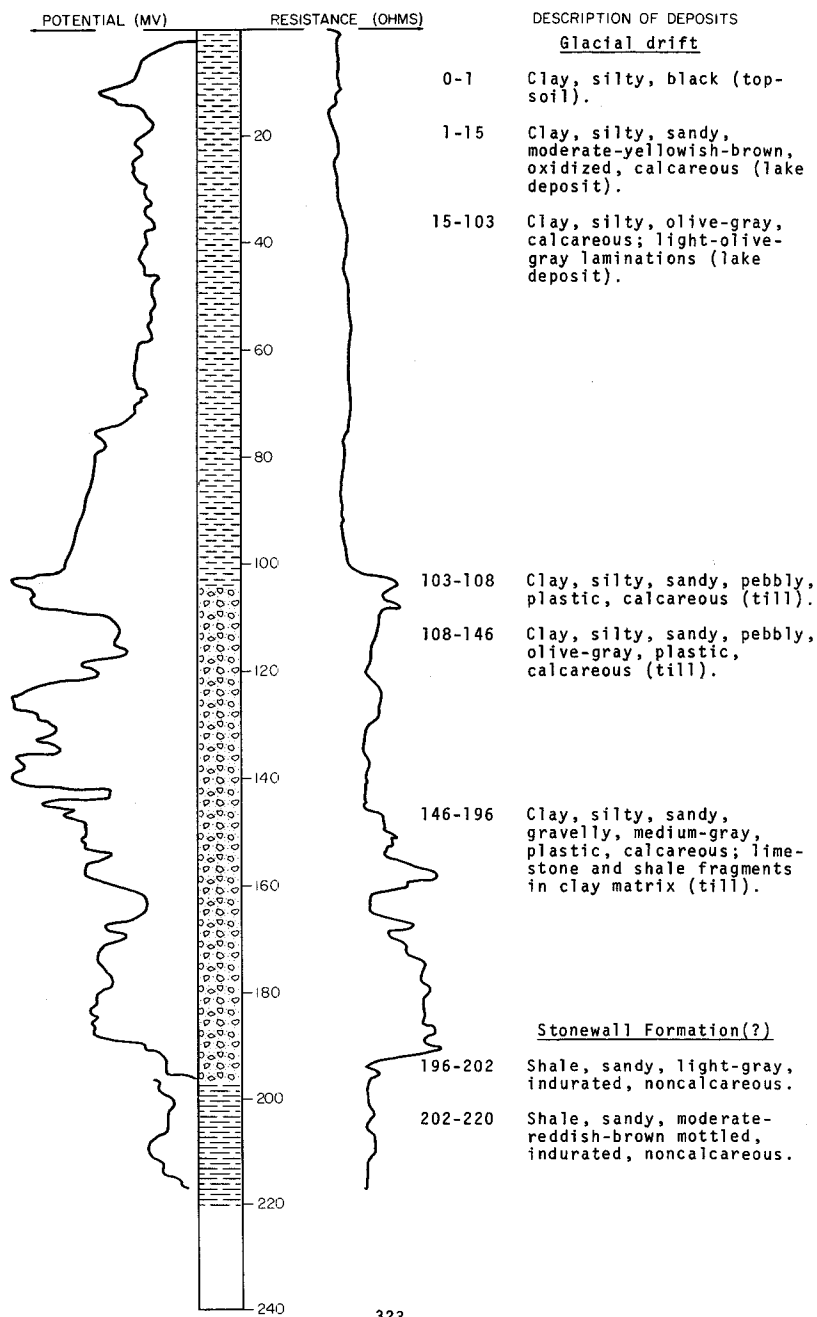
| | | | |
|------------------------|---------------------------|----|----|
| Lake Agassiz deposits: | | | |
| | Silt, yellowish-gray----- | 15 | 15 |
| | Clay, medium-gray----- | 15 | 30 |
| | Clay, yellowish-gray----- | 5 | 35 |
| | Clay, medium-gray----- | 15 | 50 |

LOCATION: 156-53-1BAA

DATE DRILLED: June 1968

ELEVATION: 827
(FT, MSL)

DEPTH: 220
(FT)



156-53-20BAA
(Log from Frederickson's, Inc.)

Elevation: 845 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------------------------|-------------------------|---------------------|
| | Silt, clayey, black, topsoil----- | 2 | 2 |
| | Gravel, sandy, silty, brown----- | 7 | 9 |
| | Clay, silty, blue, very dense----- | 45 | 54 |
| | Clay, sandy, blue----- | 7 | 61 |
| | Clay, sandy, blue, very dense----- | 19 | 80 |
| | Sand, silty, clayey, blue----- | 2 | 82 |
| | Clay, sandy, blue, very dense----- | 21 | 103 |
| | Sand, silty, blue----- | 1 | 104 |
| | Clay, sandy, blue, very dense----- | 19 | 123 |
| | Sand, silty----- | 1 | 124 |
| | Clay, sandy, silty, blue----- | 8 | 132 |

156-53-28DDC
(Log from Frederickson's, Inc.)

Elevation: 841 ft

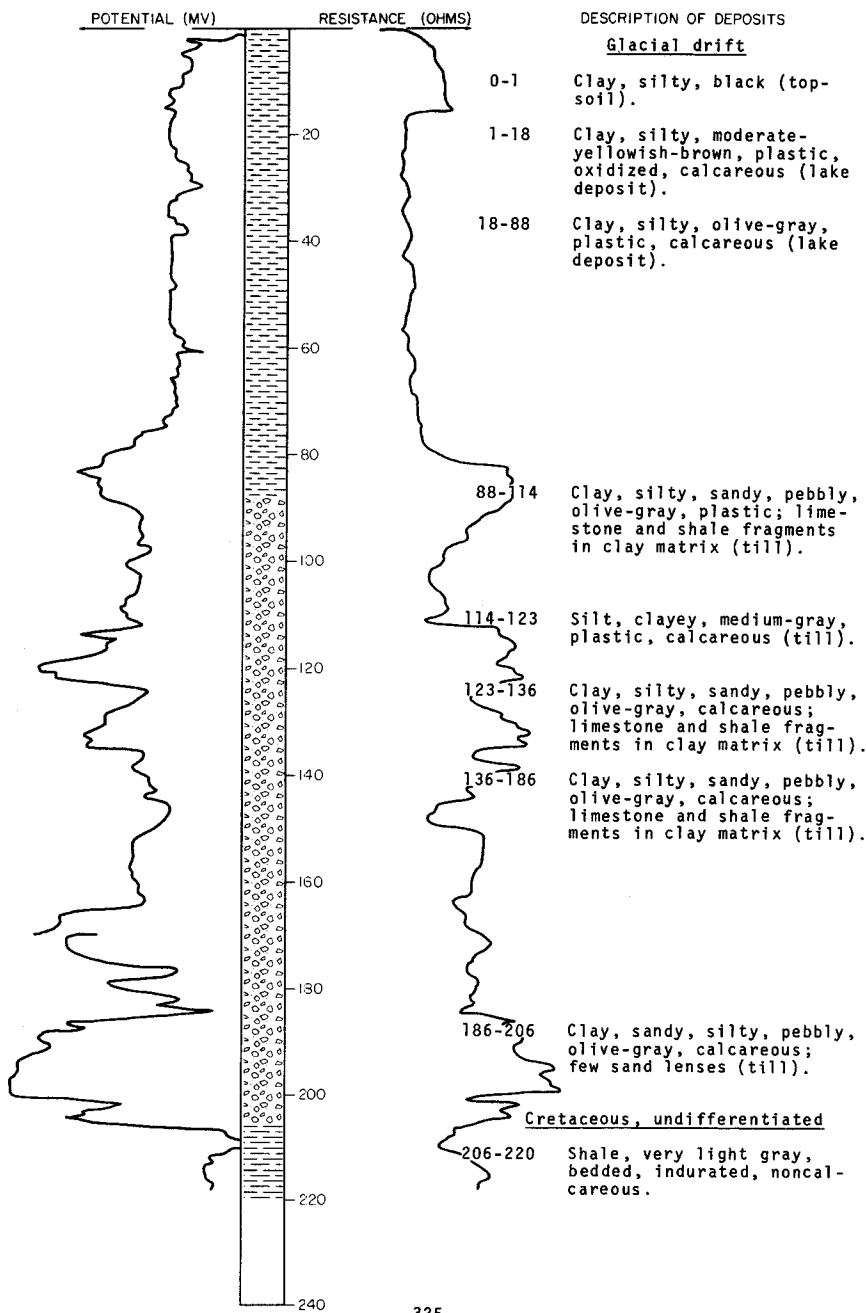
| | | | |
|--|--|----|-----|
| | Topsoil, black----- | 4 | 4 |
| | Clay, brown----- | 12 | 16 |
| | Shale, soft, blue----- | 93 | 109 |
| | Clay, hard, sandy, blue----- | 30 | 139 |
| | Sand, brown----- | 1 | 140 |
| | Clay, blue, hard, sandy, with limestone- | 40 | 180 |
| | Clay, blue, hard, sandy, with lenses of | | |
| | sand, blue----- | 10 | 190 |
| | Shale, hard, gray----- | 9 | 199 |
| | Sandstone, whitish----- | 3 | 202 |
| | Shale, hard, grayish----- | 10 | 212 |
| | Shale, softer, grayish----- | 5 | 217 |
| | Sandstone, white----- | 22 | 239 |

LOCATION: 156-53-31AAA

DATE DRILLED: July 1968

ELEVATION: 847
(FT, MSL)

DEPTH: 220
(FT)



156-53-36DAD
 USGS test 709
 (Log from Brookhart and Powell, 1961)

Elevation: 827 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| Alluvium: | | | |
| | Silt, gray----- | 10 | 10 |
| | Silt, sandy, black----- | 5 | 15 |
| | Sand, silty, some carbonaceous material----- | 10 | 25 |
| Lake Agassiz deposits: | | | |
| | Clay, medium-gray----- | 25 | 50 |

156-53-36DDA
 USGS test 708
 (Log from Brookhart and Powell, 1961)

Elevation: 827 ft

| | | | |
|------------------------|---|----|----|
| Alluvium: | | | |
| | Silt, gray and brown----- | 12 | 12 |
| | Sand, clayey----- | 3 | 15 |
| | Sand, fine to coarse, and fine gravel, and some recent snail shells----- | 7 | 22 |
| Lake Agassiz deposits: | | | |
| | Clay, medium-gray----- | 28 | 50 |

156-53-36DDD
 USGS test 707
 (Log from Brookhart and Powell, 1961)

Elevation: 830 ft

| | | | |
|------------------------|--|----|----|
| Alluvium: | | | |
| | Silt, light-brown and gray----- | 15 | 15 |
| | Sand, medium to coarse, and some recent snail shells----- | 11 | 26 |
| Lake Agassiz deposits: | | | |
| | Clay, medium-gray----- | 24 | 50 |

156-54-15CCB
 (Log from Frederickson's, Inc.)

Elevation: 886 ft

| | | | |
|--|--|----|-----|
| | Topsoil, black----- | 1 | 1 |
| | Clay, sandy, yellow----- | 23 | 24 |
| | Clay, sandy, blue----- | 45 | 69 |
| | Sand, washed, colored----- | 3 | 72 |
| | Clay, sandy, soft, blue----- | 46 | 118 |
| | Clay, sandy, soft, with lenses of sand, blue----- | 33 | 151 |
| | Clay, sandy, soft, blue----- | 20 | 171 |
| | Boulder, green-white----- | 3 | 174 |
| | Clay, sandy, hard, blue----- | 44 | 218 |
| | Sand, gray----- | 2 | 220 |
| | Clay, sandy, hard, blue----- | 23 | 243 |
| | Sandstone, whitish----- | 7 | 250 |
| | Clay, sandy, hard, blue----- | 2 | 252 |

156-54-17CDC
(Log from Frederickson's, Inc.)

Elevation: 900 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil, black----- | 1 | 1 |
| | Sand, clayey, brown----- | 14 | 15 |
| | Clay, sandy, blue----- | 74 | 89 |
| | Sand, blue----- | 2 | 91 |
| | Clay, blue----- | 3 | 94 |
| | Sand, gray----- | 6 | 100 |
| | Clay, sandy, hard, blue----- | 62 | 162 |
| | Clay, sandy, soft, blue----- | 9 | 171 |
| | Sand, silty, soft, gray----- | 8 | 179 |
| | Clay, sandy, hard, blue----- | 39 | 218 |
| | Clay, sandy, soft, blue----- | 13 | 231 |
| | Clay, sandy, hard, blue----- | 37 | 268 |
| | Clay, sandy, hard, with lenses of sand, gray----- | 11 | 279 |
| | Sandstone, white----- | 6.5 | 285.5 |
| | Clay, sandy, hard, with lenses of sand, gray----- | 9.5 | 295 |

156-54-19DDA
(Log from Frederickson's, Inc.)

Elevation: 920 ft

| | | | |
|--|-----------------------------|-----|-----|
| | Clay----- | 89 | 89 |
| | Sand, clayey----- | 11 | 100 |
| | Clay----- | 71 | 171 |
| | Sand, silty----- | 8 | 179 |
| | Clay----- | 100 | 279 |
| | Sandstone----- | 6 | 285 |
| | Clay, hard sand lenses----- | 10 | 295 |

156-54-29CAA
(Log from U.S. Air Force)

Elevation: 914 ft

| | | | |
|--|-------------------------|----|-----|
| | Clay----- | 13 | 13 |
| | Clay, silty, sandy----- | 56 | 69 |
| | Clay----- | 61 | 130 |

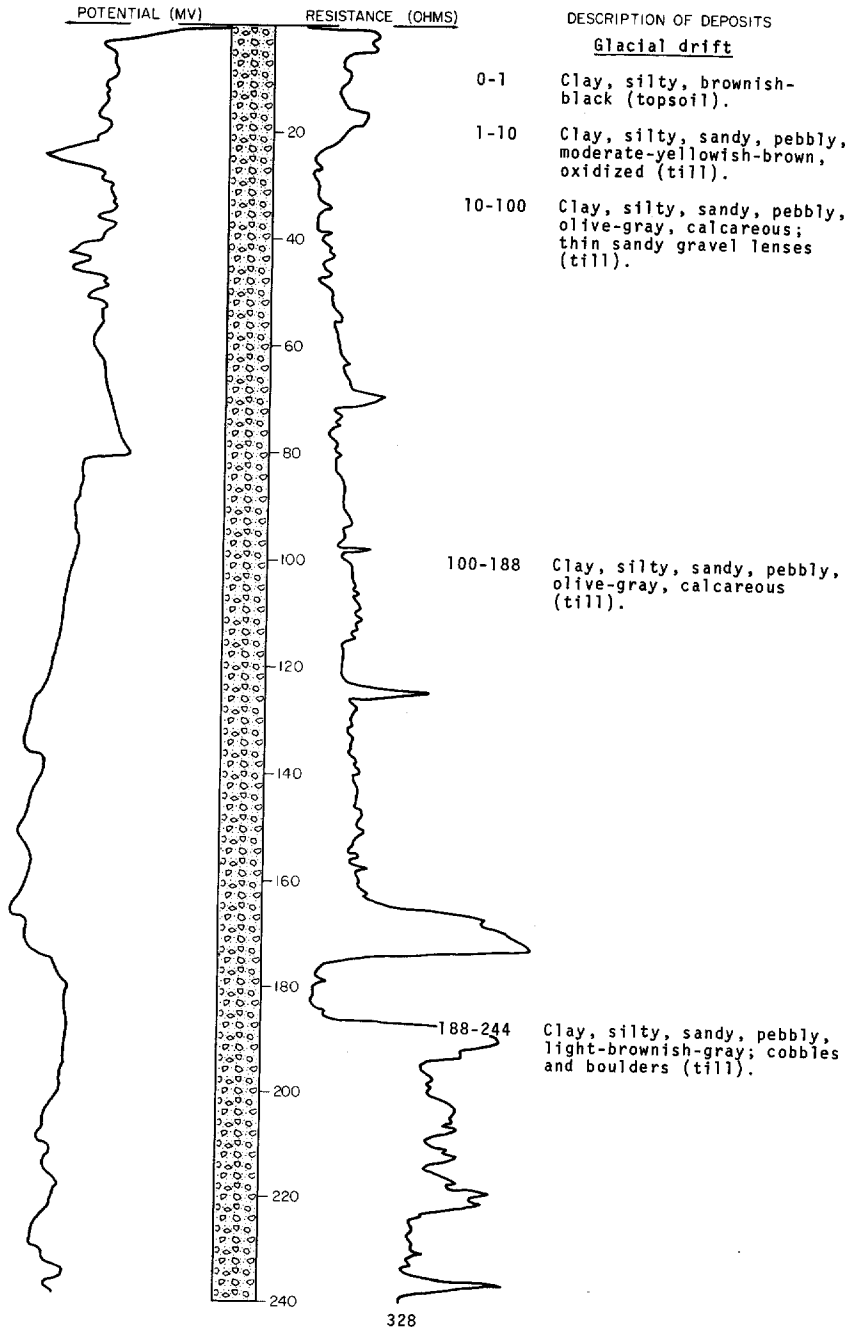
LOCATION: 156-54-32ABA

NDSWC 5378

DATE DRILLED: August 1969

ELEVATION: 905
(FT, MSL)

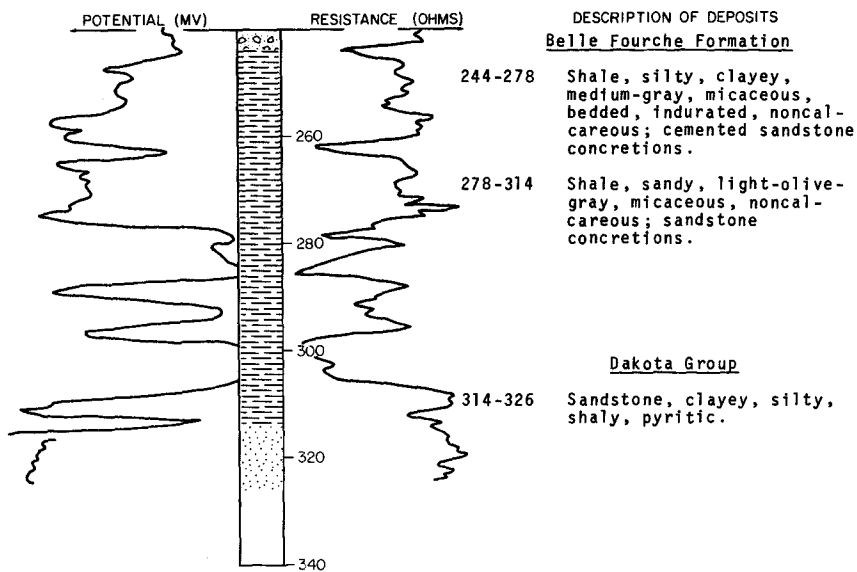
DEPTH: 326
(FT)



LOCATION: 156-54-32ABA
 ELEVATION: 905
 (FT, MSL)

NDSWC 5378, Continued

DATE DRILLED: August 1969
 DEPTH: 326
 (FT)



156-55-108D
 (Log from U.S. Air Force)

Elevation: 928 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Clay and silt, weathered----- | 12 | 12 |
| | Clay, with silt and fine sand interbedded----- | 118 | 130 |

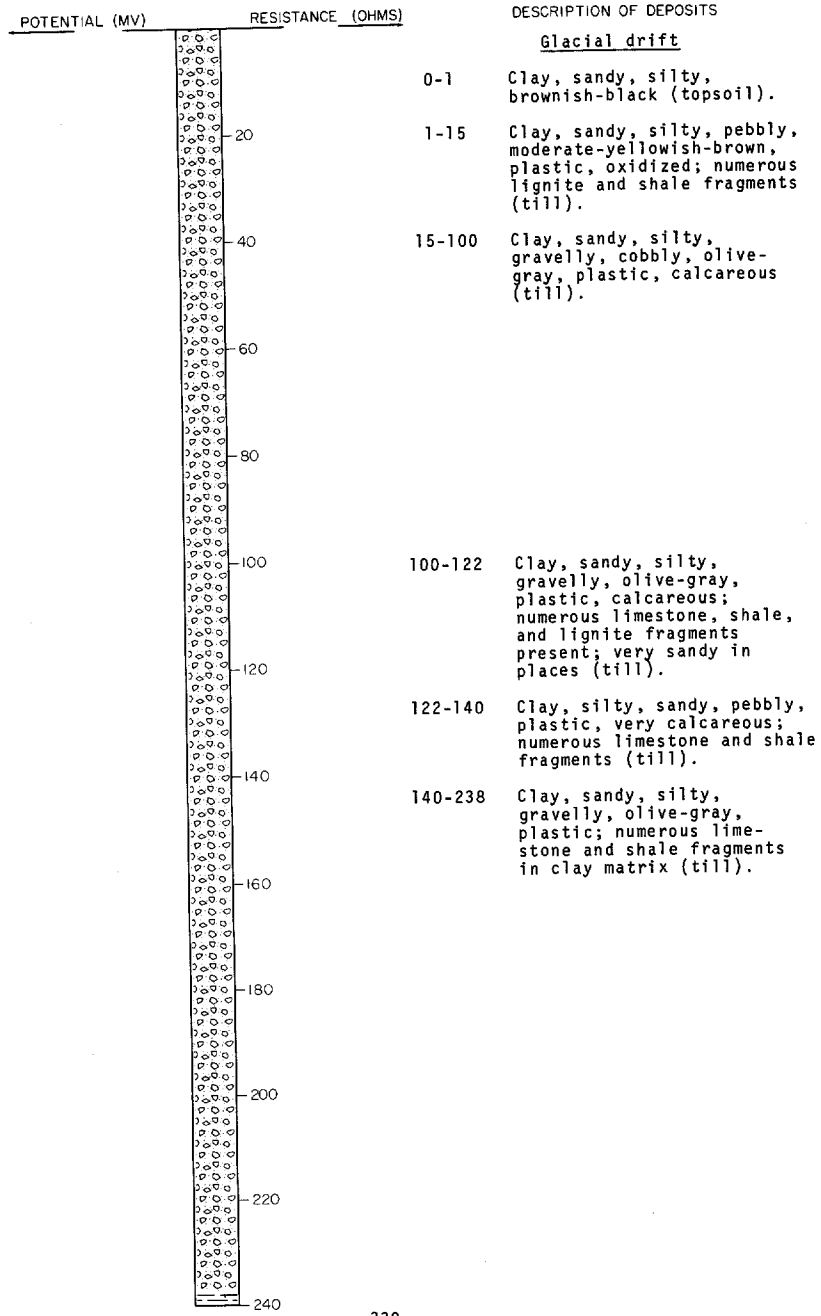
156-55-5000
 NDGS W2

Elevation: 1000 ft

| | | | |
|--|--|----|----|
| | Sand, medium to coarse, highly organic-- | 2 | 2 |
| | Sand, buff----- | 12 | 14 |
| | Till, stony, sandy, oxidized----- | 2 | 16 |
| | Till, sandy, unoxidized, loose----- | 1 | 17 |
| | Till, silty, clayey----- | 5 | 22 |
| | Till, few pebbles, soft, silty----- | 2 | 24 |

LOCATION: 156-55-6AAA
 ELEVATION: 1040
 (FT, MSL)

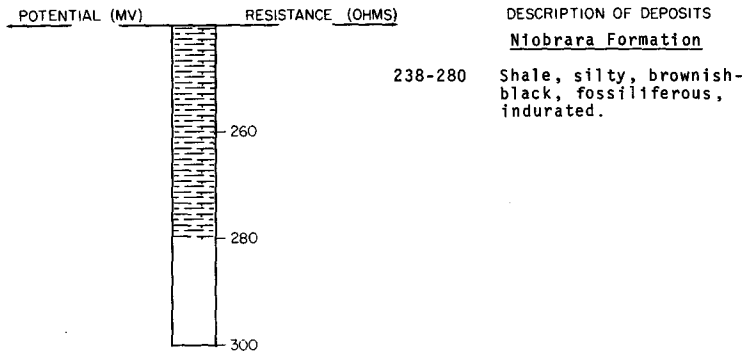
DATE DRILLED: May 1968
 DEPTH: 280
 (FT)



NDSWC 2928, Continued

LOCATION: 156-55-6AAA
 ELEVATION: 1040
 (FT, MSL)

DATE DRILLED: May 1968
 DEPTH: 280
 (FT)



156-55-7DBA
 (Log from U.S. Air Force)

Elevation: 1055 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Clay, silty----- | 45 | 45 |
| | Clay----- | 85 | 130 |

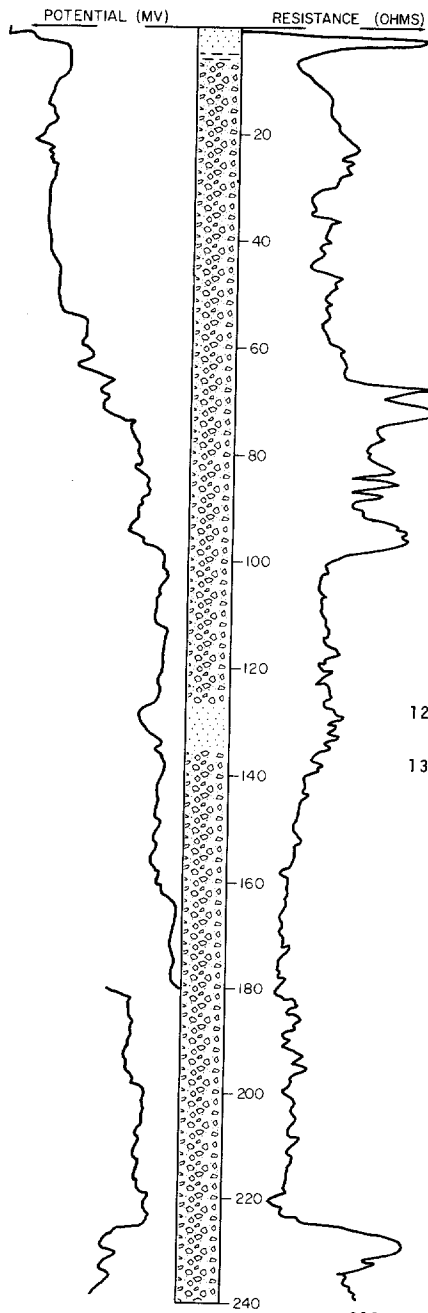
LOCATION: 156-55-7DCC

NDSWC 5376

DATE DRILLED: August 1969

ELEVATION: 1071
(FT, MSL)

DEPTH: 280
(FT)



DESCRIPTION OF DEPOSITS

Glacial drift

- 0-1 Clay, silty, black (top-soil).
- 1-4 Sand, fairly well sorted, oxidized.
- 4-6 Clay, silty, light-yellow, plastic, oxidized (lake deposit).
- 6-126 Clay, silty, sandy, pebbly, olive-gray, plastic, calcareous; occasional cobbles (till).
- 126-134 Sand, clayey, silty; mostly quartz grains.
- 134-260 Clay, silty, sandy, pebbly, olive-gray, calcareous; few cobbles (till).

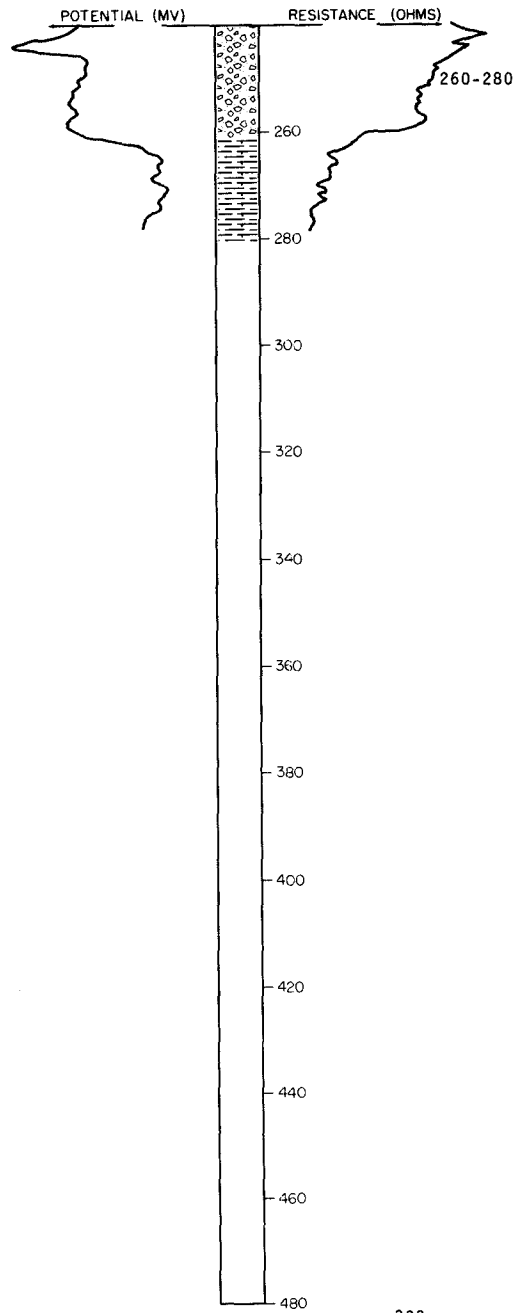
LOCATION: 156-55-7DCC

NDSWC 5376, Continued

DATE DRILLED: August 1969

ELEVATION: 1071
(FT, MSL)

DEPTH: 280
(FT)



DESCRIPTION OF DEPOSITS

Niobrara Formation

Shale, clayey, brownish-gray, indurated, calcareous; numerous white specks.

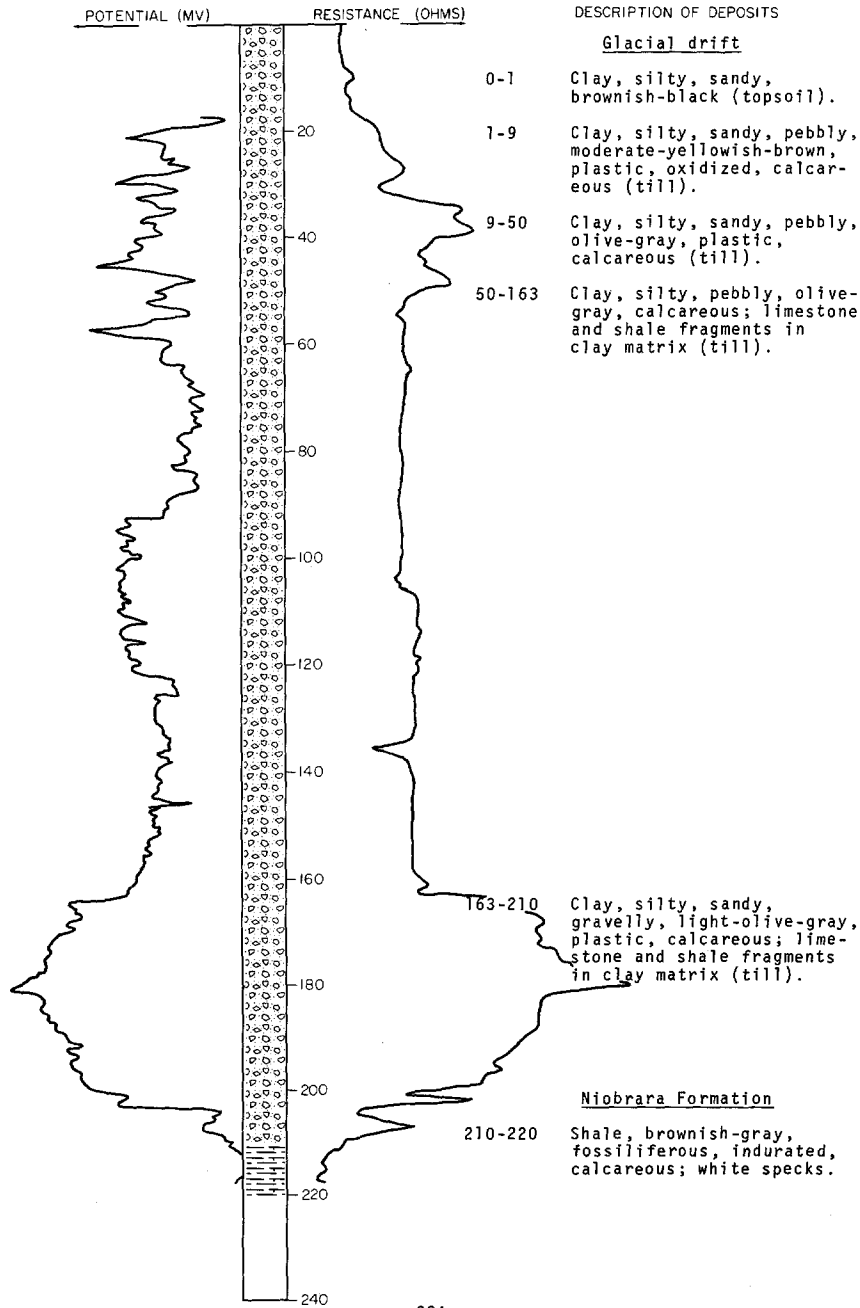
LOCATION: 156-55-15CCC

NDSWC 5024

DATE DRILLED: July 1968

ELEVATION: 1035
(FT, MSL)

DEPTH: 220
(FT)



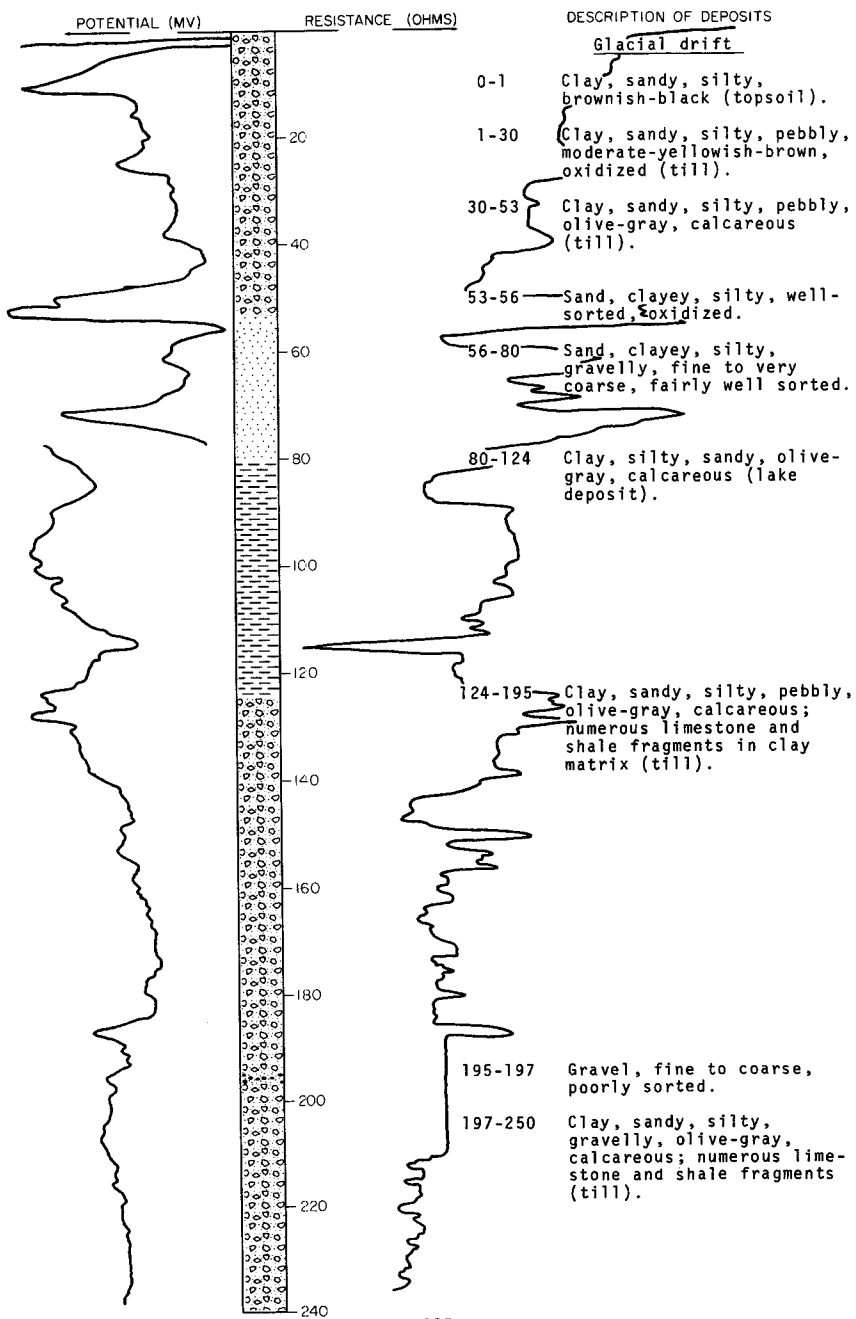
LOCATION: 156-55-19CCC

NDSWC 2936

DATE DRILLED: May 1968

ELEVATION: 1190
(FT, MSL)

DEPTH: 400
(FT)



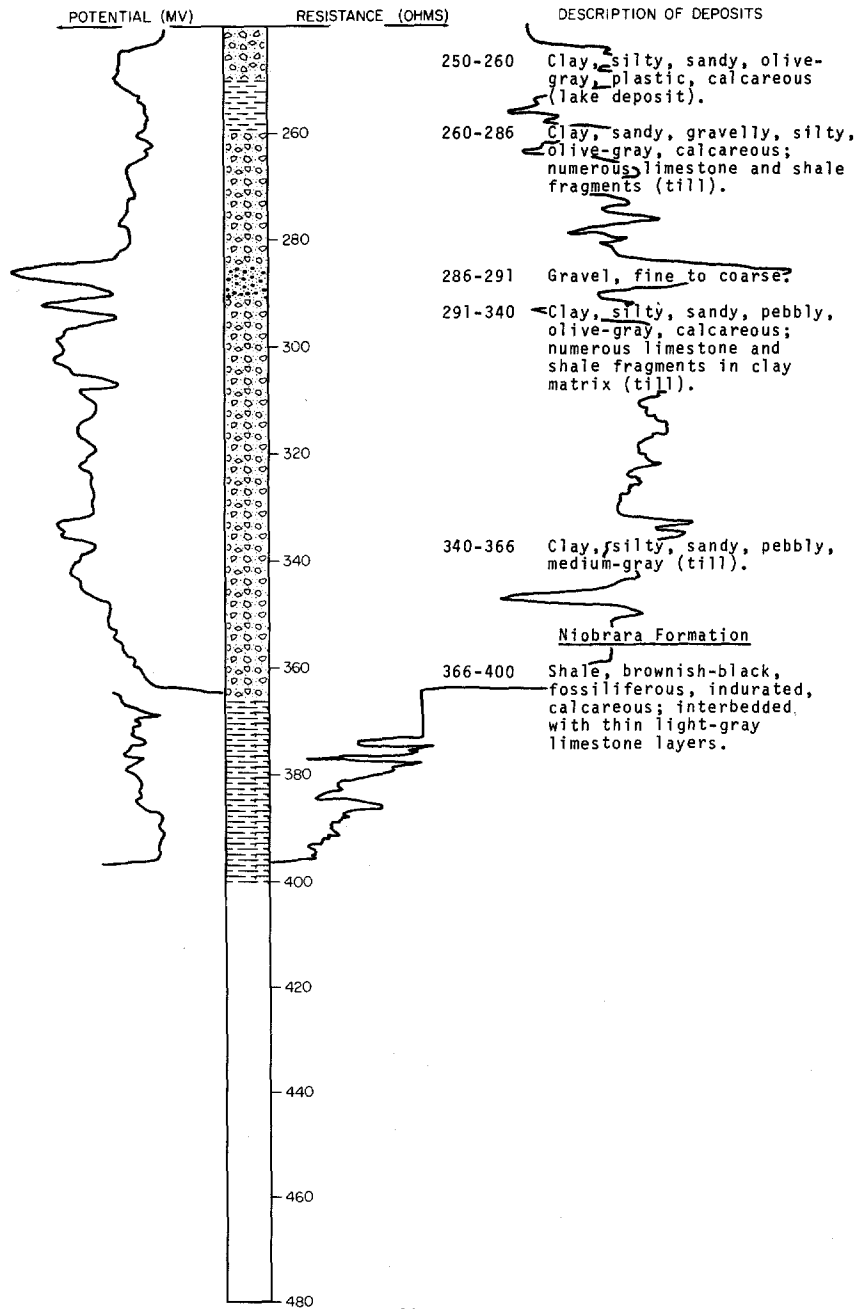
LOCATION: 156-55-19CCC

NDSWC 2936, Continued

DATE DRILLED: May 1968

ELEVATION: 1190
(FT, MSL)

DEPTH: 400
(FT)



156-55-28DDD
NDGS W3

Elevation: 1000 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Gravel, sandy; increased sand with depth, boulder at 23 ft----- | 23 | 23 |
| | Till, sandy, dense, gray, unoxidized---- | 1 | 24 |

156-55-30BAA
NDGS W4

Elevation: 1170 ft

| | | | |
|--|------------------------------------|---|----|
| | Sand, medium, oxidized----- | 7 | 7 |
| | Sand, saturated, gray, clayey----- | 8 | 15 |
| | Till, dense, gray, sandy----- | 4 | 19 |

156-56-1CBB
(Log from U.S. Army)

Elevation: 1145 ft

| | | | |
|--|-------------------|----|----|
| | Clay, silty----- | 16 | 16 |
| | Clay, sandy----- | 2 | 18 |
| | Sand, coarse----- | 11 | 29 |
| | Sand, silty----- | 2 | 31 |
| | Clay, silty----- | 4 | 35 |

156-56-2ACC
(Log from U.S. Army)

Elevation: 1150 ft

| | | | |
|--|--------------------|----|----|
| | Clay, silty----- | 1 | 1 |
| | Gravel, silty----- | 18 | 19 |
| | Gravel, sandy----- | 11 | 31 |
| | Clay, silty----- | 4 | 35 |

156-56-2DDD
(Log from U.S. Army)

Elevation: 1145 ft

| | | | |
|--|-----------------------------|----|----|
| | Clay, silty----- | 9 | 9 |
| | Gravel, sandy----- | 9 | 18 |
| | Clay, silty----- | 1 | 19 |
| | Sand, coarse, gravelly----- | 16 | 35 |
| | Clay, silty----- | 5 | 40 |

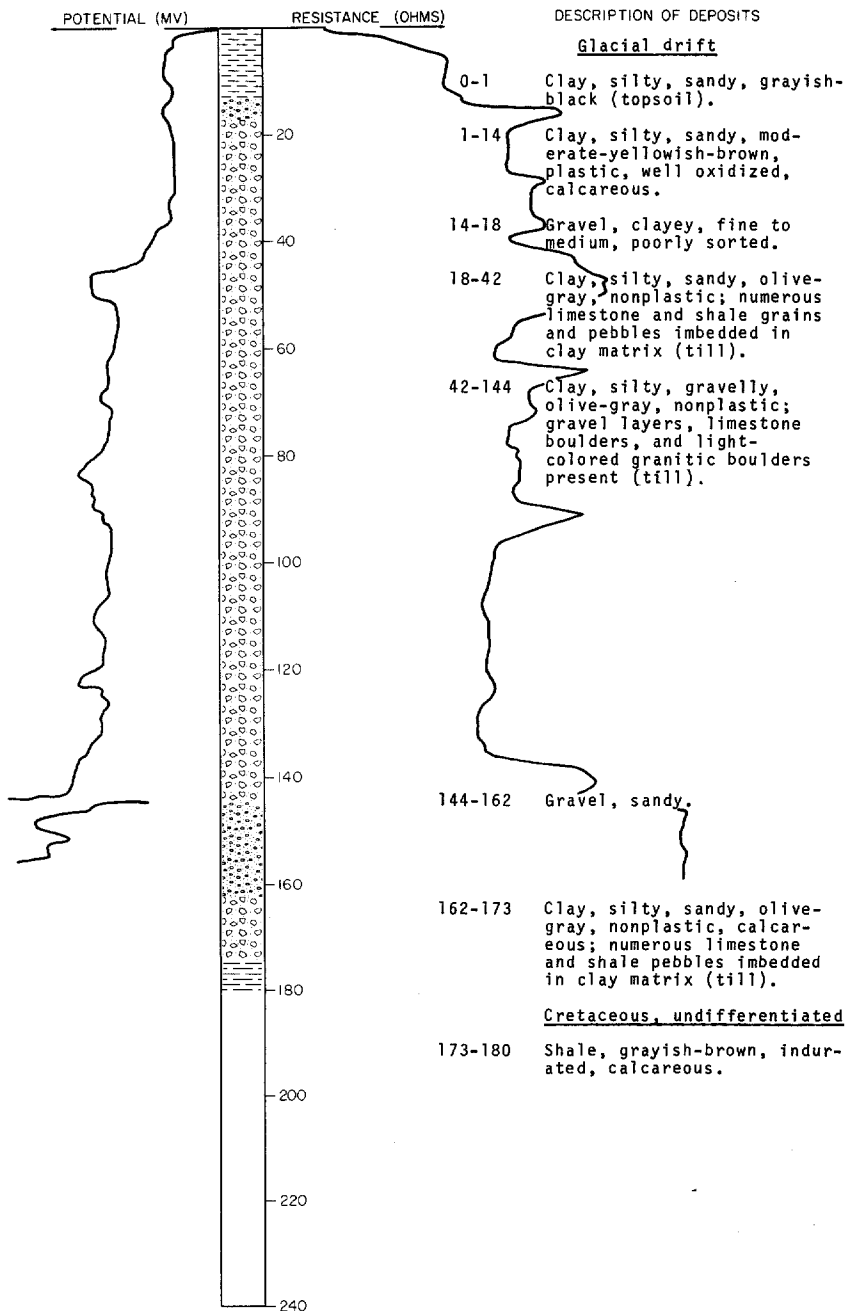
LOCATION: 156-56-4CCC

NDSWC 2784

DATE DRILLED: August 1967

ELEVATION: 1185
(FT, MSL)

DEPTH: 180
(FT)



156-56-8DAD
(Log from Frederickson's, Inc.)

Elevation: 1178 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Topsoil, black----- | 2 | 2 |
| | Clay, silty, brown----- | 14 | 16 |
| | Boulder, white----- | 1 | 17 |
| | Clay, very sandy, blue----- | 6 | 23 |
| | Granite boulder, white----- | 4 | 27 |
| | Clay, hard, sandy, blue----- | 80 | 107 |
| | Clay, soft, sandy, with lenses of sand, blue----- | 28 | 135 |
| | Clay, hard, sandy, blue, and boulders--- | 58 | 193 |
| | Clay, soft, sandy, with lenses of sand, blue----- | 19 | 212 |
| | Sand, hard, clayey, shaly, blue----- | 25 | 237 |
| | Shale, hard, gray----- | 53 | 290 |
| | Shale, hard; and sandstone, gray----- | 97 | 387 |
| | Shale, soft, gray----- | 60 | 447 |
| | Shale, hard, and sandstone, gray----- | 32 | 479 |
| | Shale, soft, with lenses of sandstone, white-gray----- | 16 | 495 |
| | Shale, hard, and sandstone, gray----- | 28 | 523 |
| | Sandstone, silty, gray----- | 5 | 528 |
| | Shale and sandstone, gray-white----- | 43 | 571 |
| | Sandstone, silty, white----- | 8 | 579 |
| | Sandstone, white----- | 3 | 582 |
| | Shale, with lenses of gray-white sand--- | 27 | 609 |
| | Shale, hard, gray----- | 22 | 631 |
| | Sandstone, gray----- | 41 | 672 |

156-56-11ADD
(Log from U.S. Army)

Elevation: 1139 ft

| | | | |
|--|--------------------|----|----|
| | Clay, silty----- | 2 | 2 |
| | Clay, sandy----- | 13 | 15 |
| | Gravel, sandy----- | 6 | 21 |
| | Clay, silty----- | 9 | 30 |

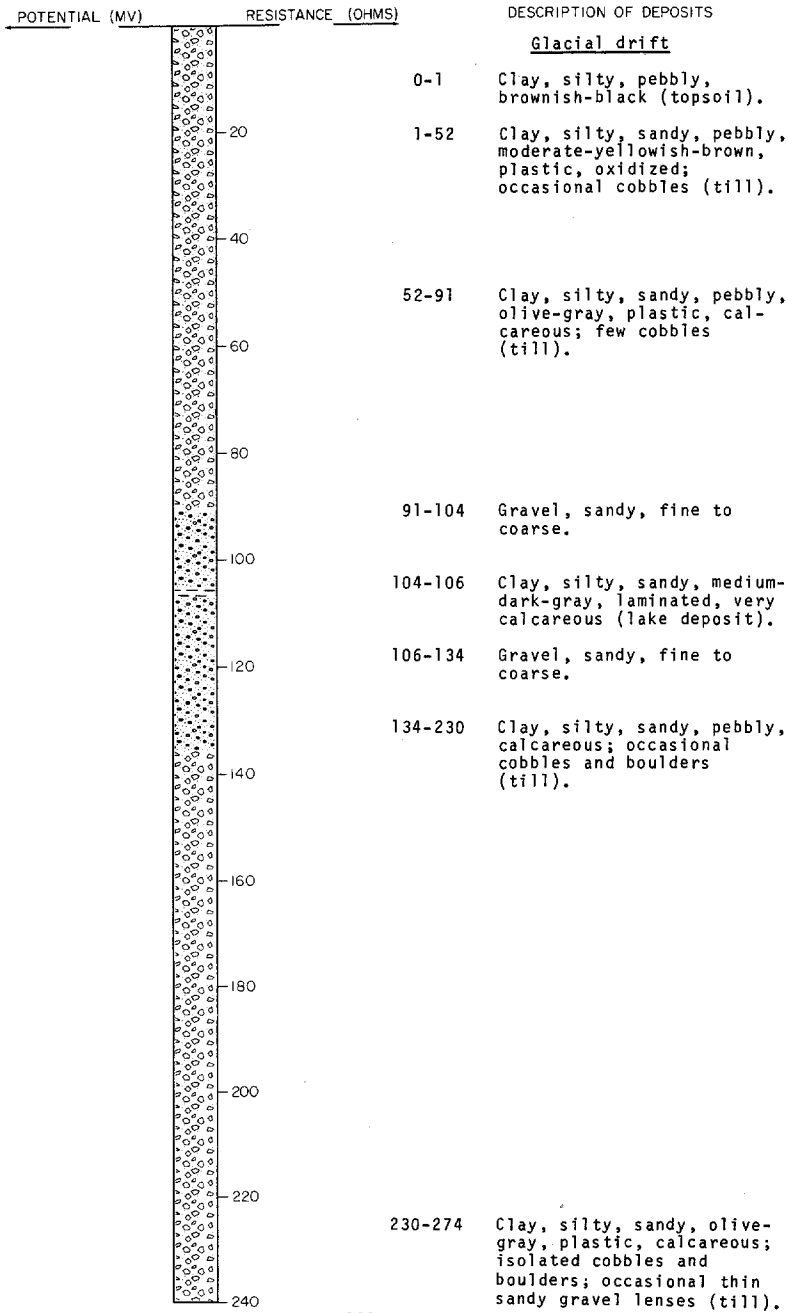
LOCATION: 156-56-11CCC

NDSWC 5375

DATE DRILLED: August 1969

ELEVATION: 1260
(FT, MSL)

DEPTH: 300
(FT)



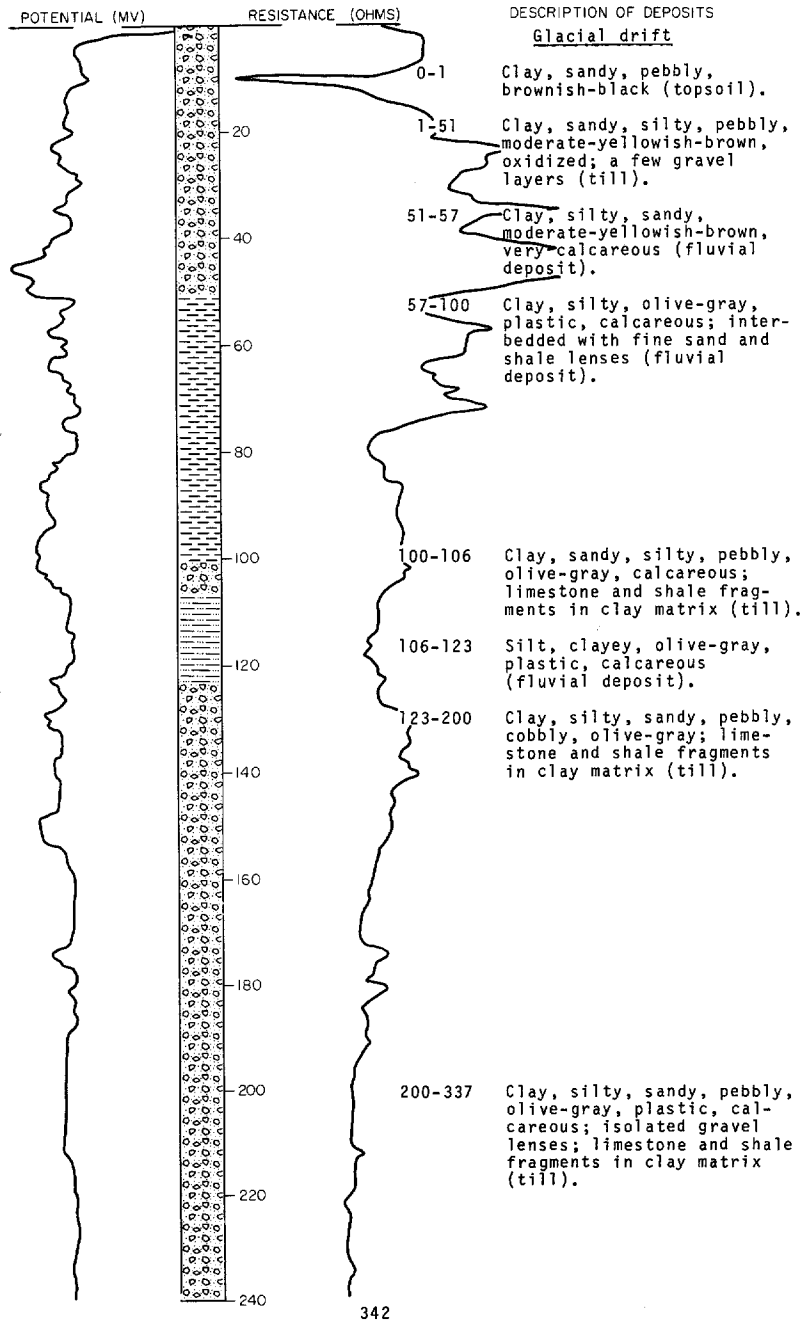
LOCATION: 156-56-13CCC

NDSWC 5034

DATE DRILLED: July 1968

ELEVATION: 1222
(FT, MSL)

DEPTH: 360
(FT)



342

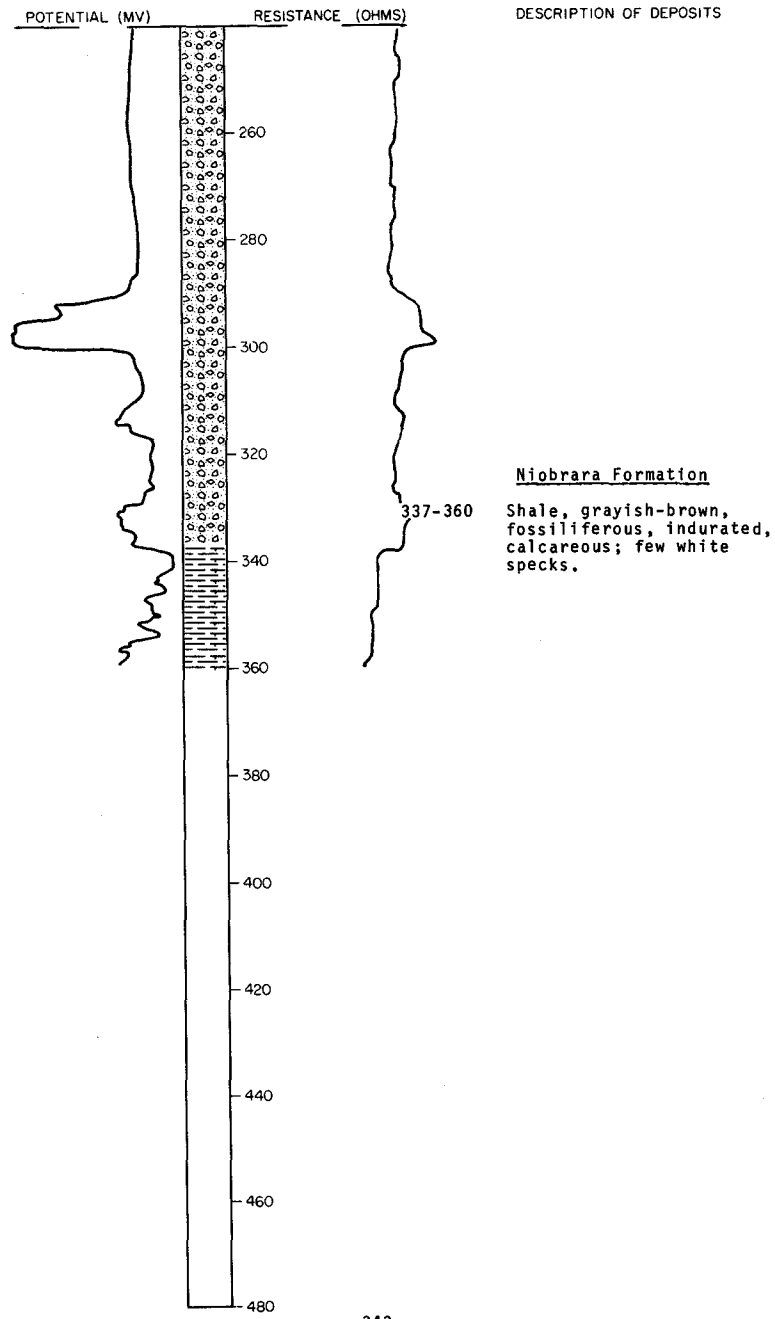
LOCATION: 156-56-13CCC

NDSWC 5034, Continued

DATE DRILLED: July 1968

ELEVATION: 1220
(FT, MSL)

DEPTH: 360
(FT)



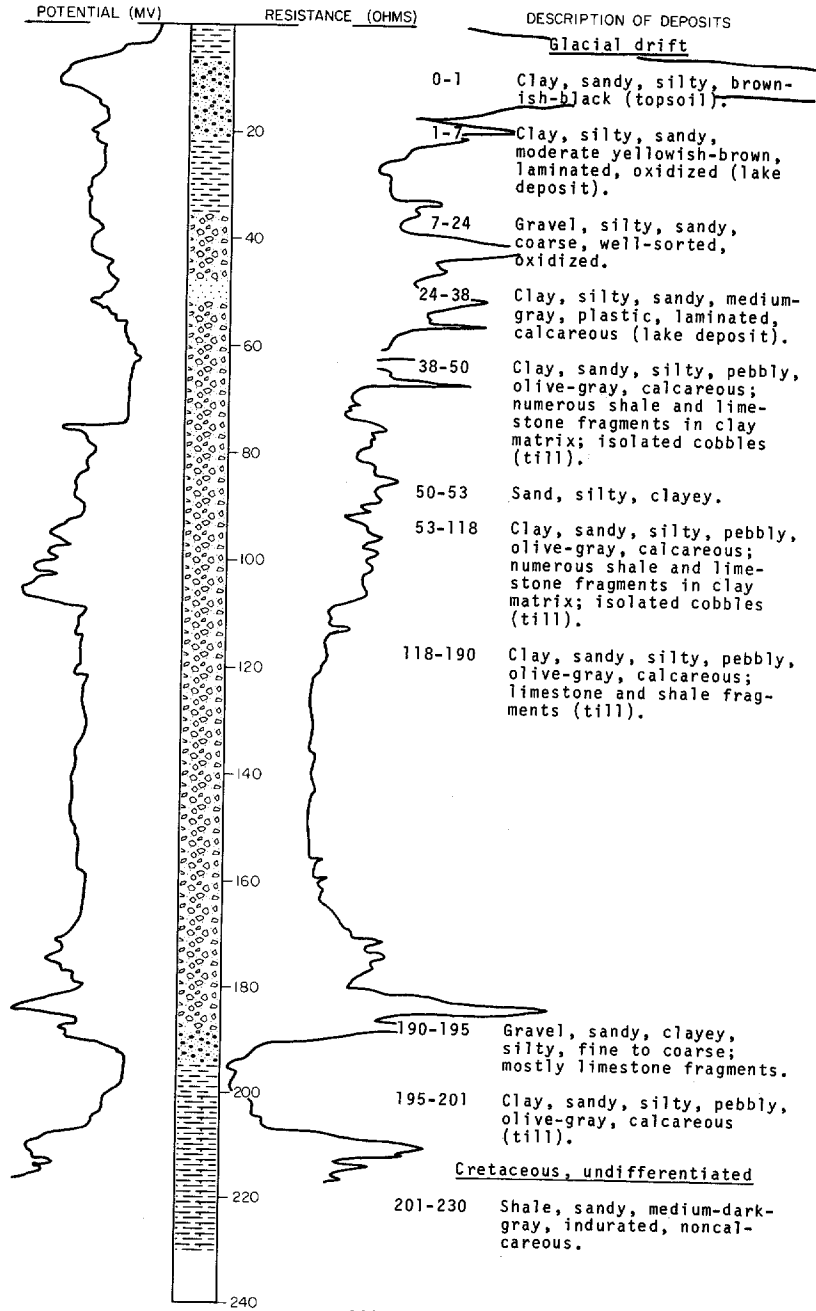
LOCATION: 156-56-15DCC

NDSWC 2950

DATE DRILLED: May 1968

ELEVATION: 1168
(FT, MSL)

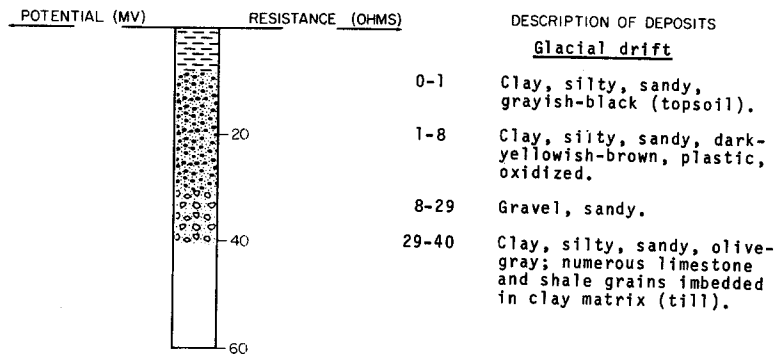
DEPTH: 230
(FT)



LOCATION: 156-56-16CCB
 ELEVATION: 1175
 (FT, MSL)

NDSWC 2783

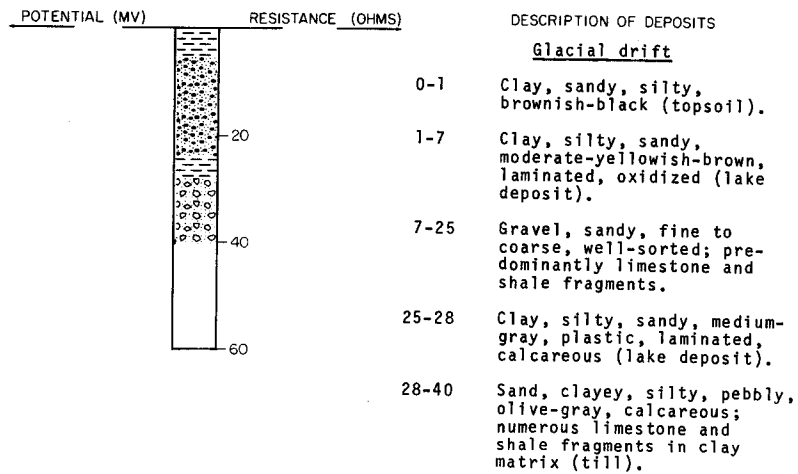
DATE DRILLED: August 1967
 DEPTH: 40
 (FT)



LOCATION: 156-56-16DDC
 ELEVATION: 1170
 (FT, MSL)

NDSWC 2951

DATE DRILLED: May 1968
 DEPTH: 40
 (FT)



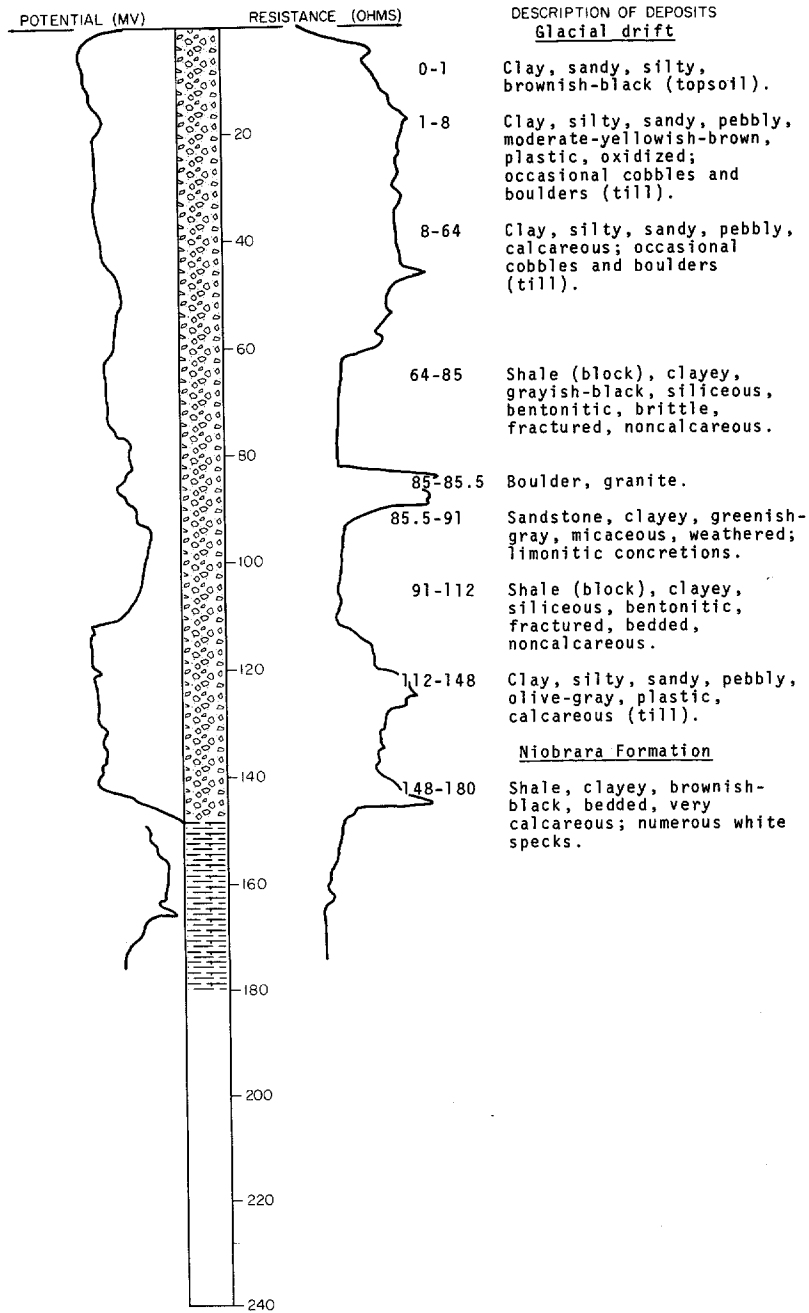
NDSWC 5374

LOCATION: 156-56-18AAA

DATE DRILLED: August 1969

ELEVATION: 1195
(FT, MSL)

DEPTH: 180
(FT)



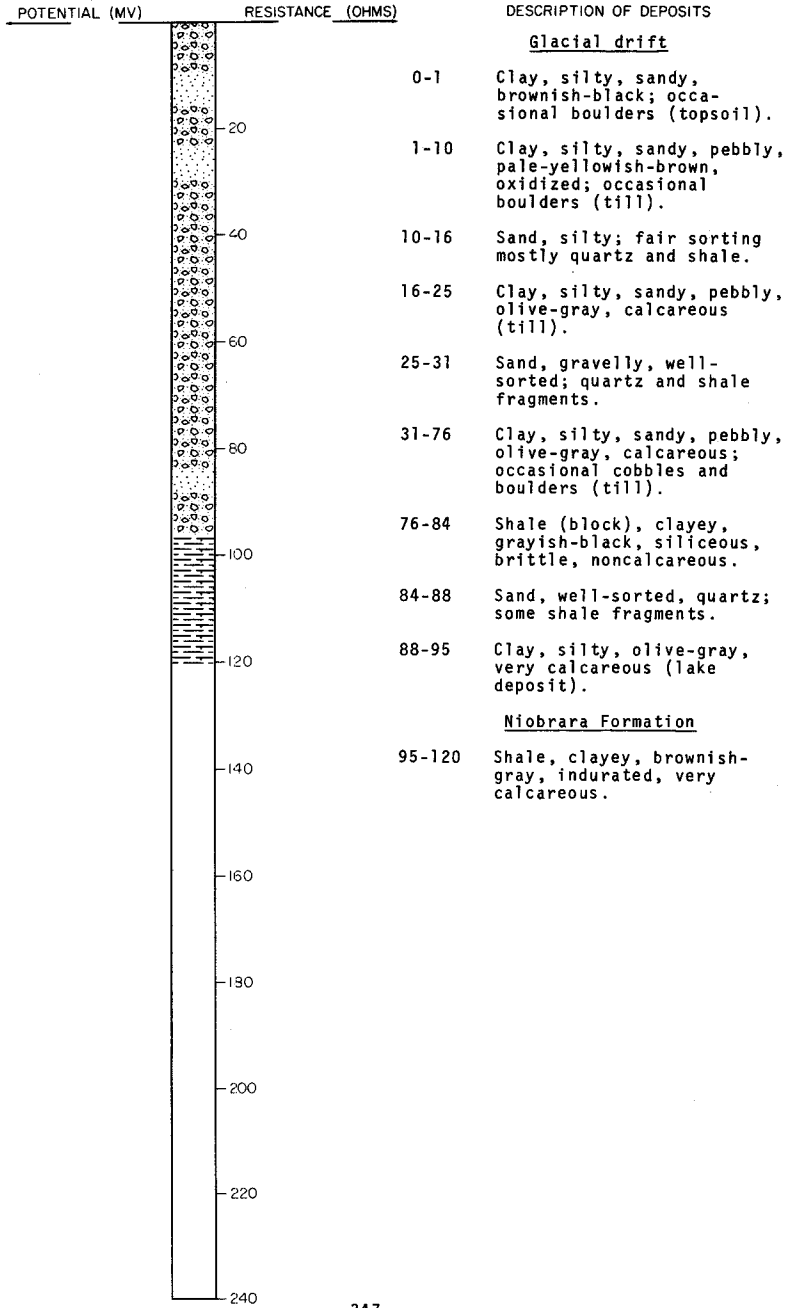
LOCATION: 156-56-18CCC

NDSWC 5373

DATE DRILLED: August 1969

ELEVATION: 1246
(FT, MSL)

DEPTH: 120
(FT)



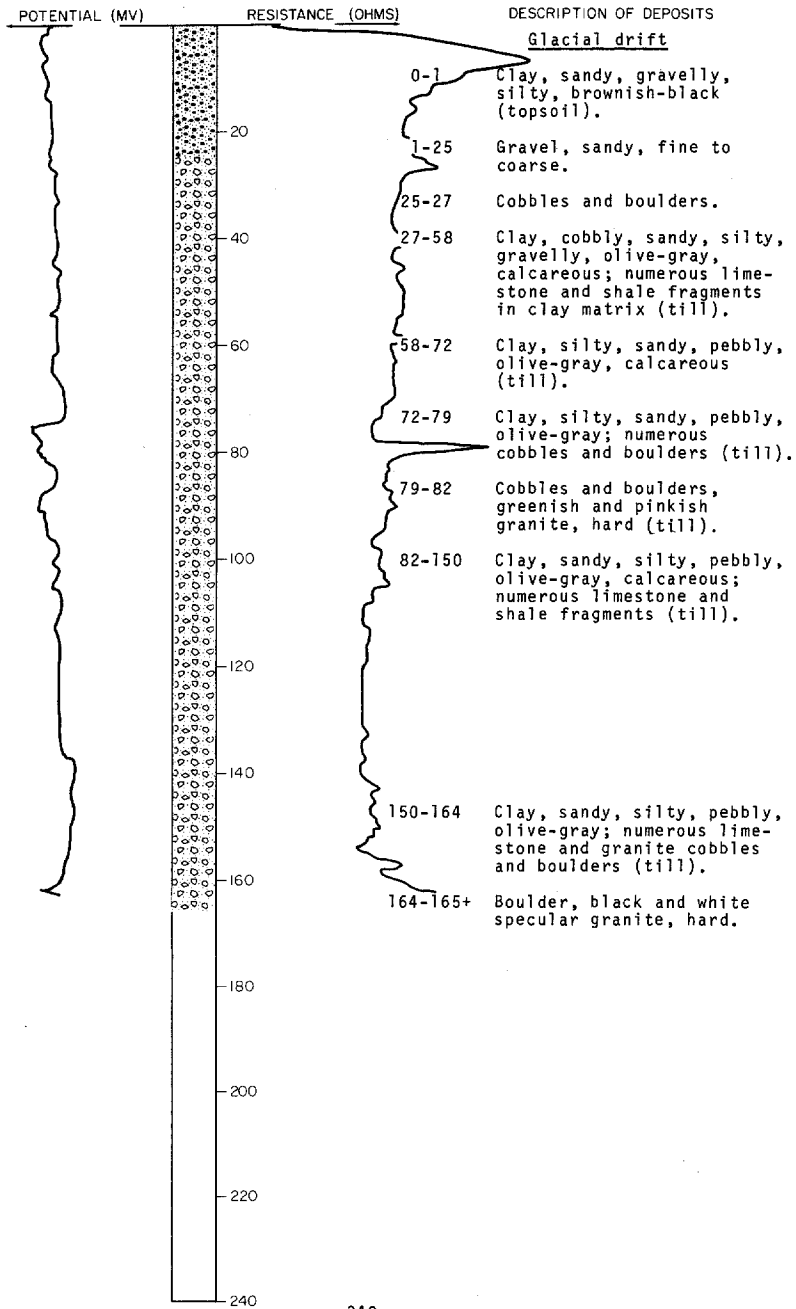
LOCATION: 156-56-22CCD

NDSWC 2931

DATE DRILLED: May 1968

ELEVATION: 1165
(FT, MSL)

DEPTH: 165
(FT)



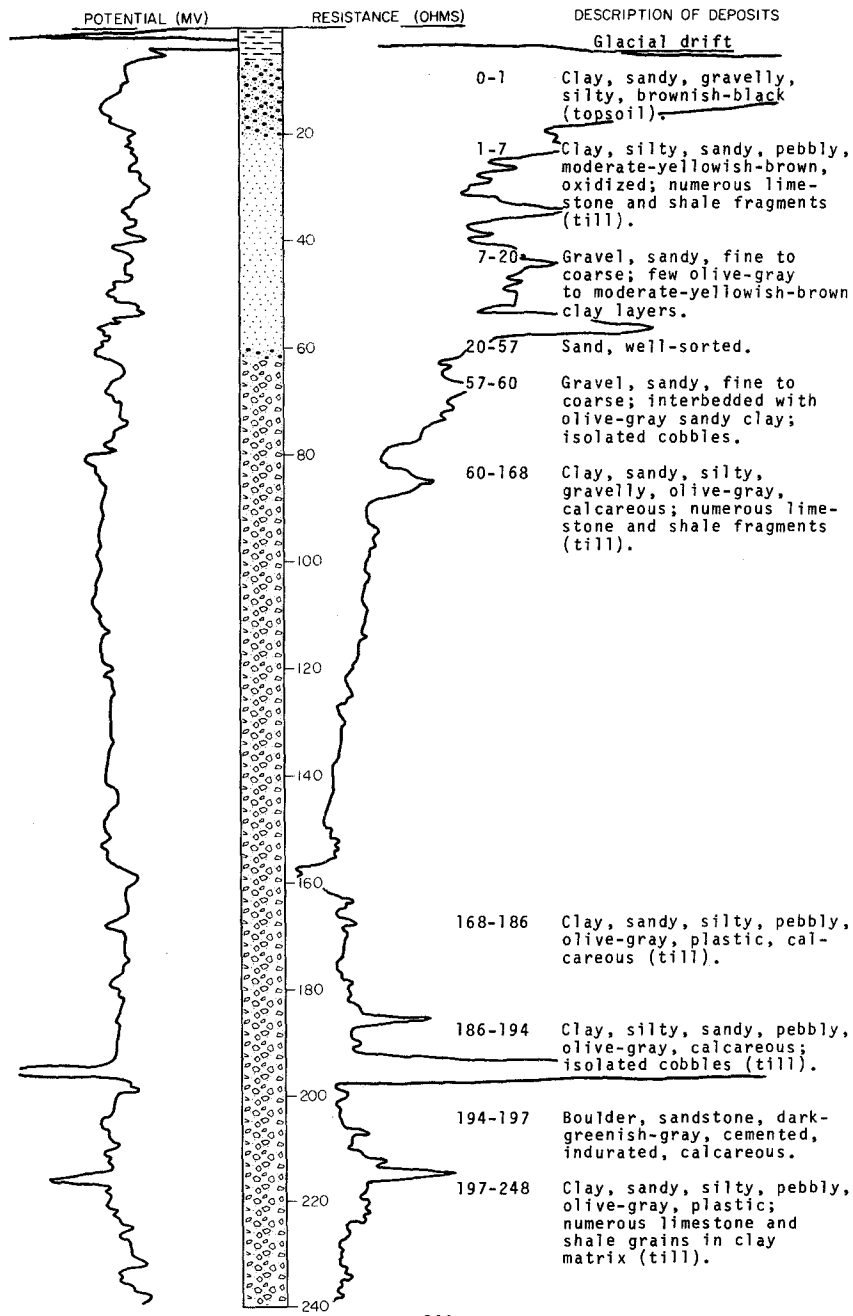
LOCATION: 156-56-22DDD

NDSWC 2930

DATE DRILLED: May 1968

ELEVATION: 1170
(FT, MSL)

DEPTH: 280
(FT)



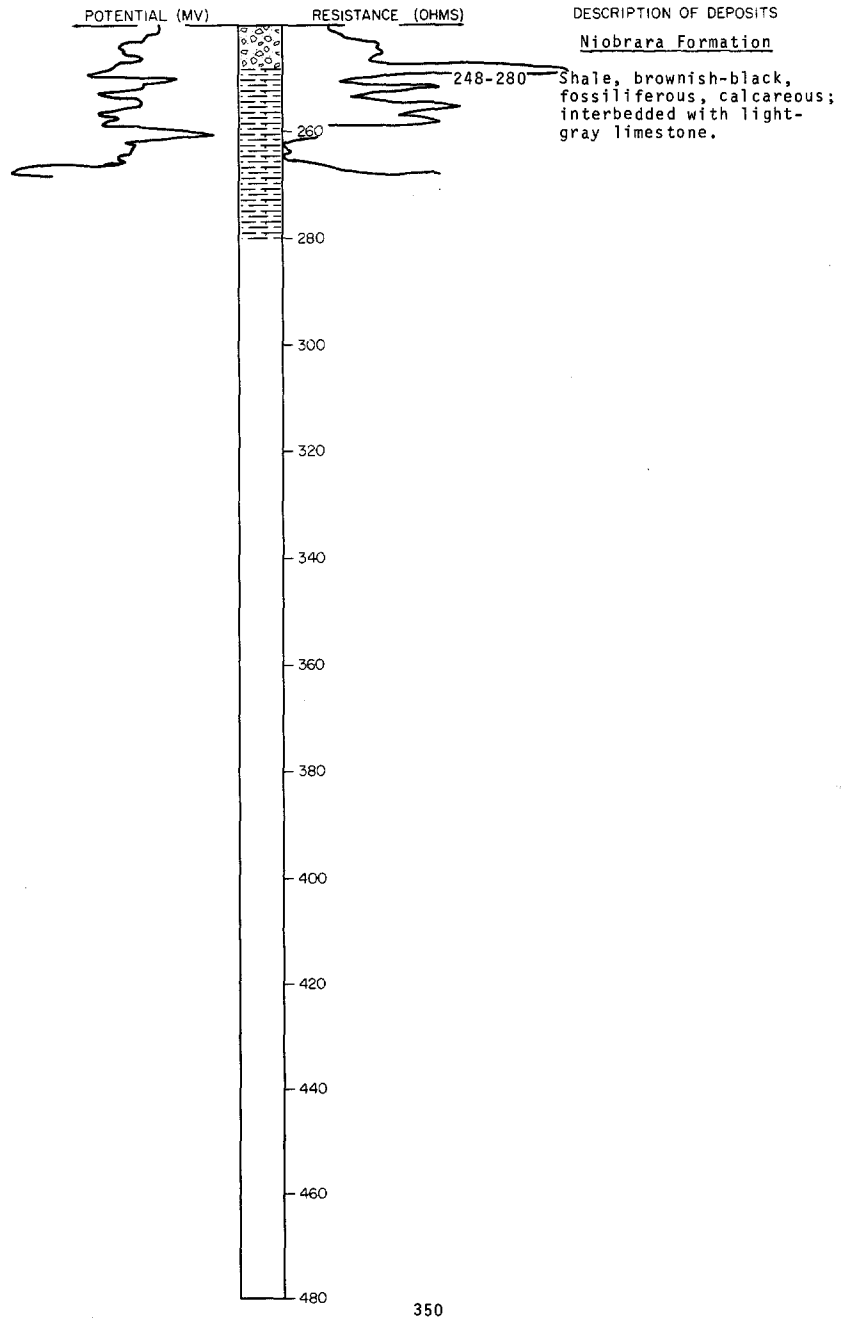
NDSWC 2930, Continued

LOCATION: 156-56-22DDD

DATE DRILLED: May 1968

ELEVATION: 1170
(FT, MSL)

DEPTH: 280
(FT)



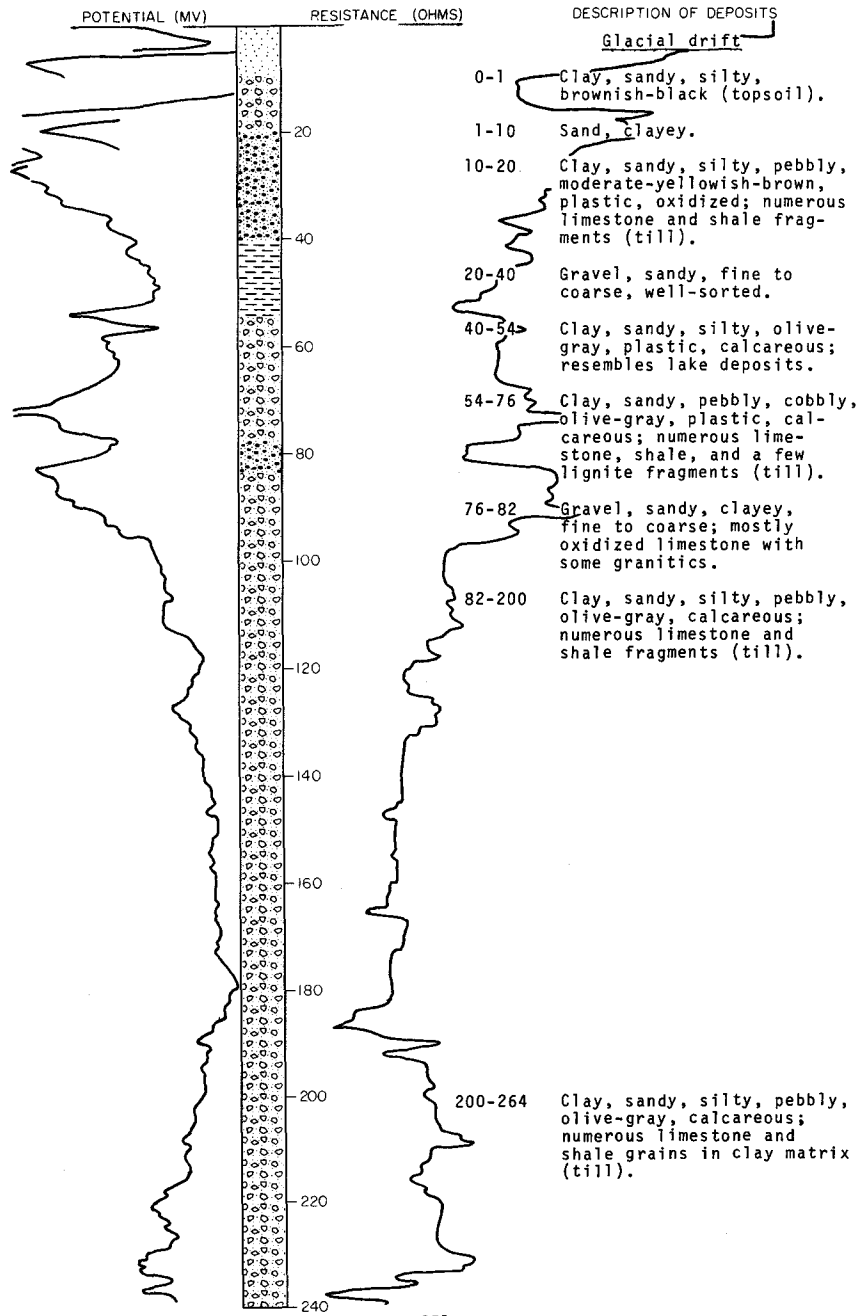
LOCATION: 156-56-24CCC

NDSWC 2933

DATE DRILLED: May 1968

ELEVATION: 1165
(FT, MSL)

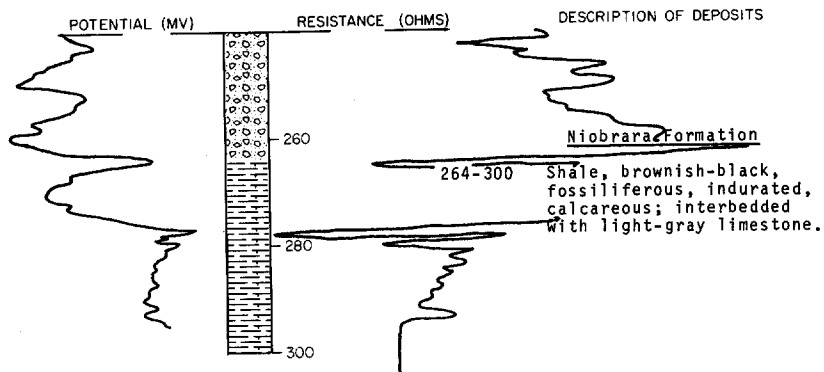
DEPTH: 300
(FT)



LOCATION: 156-56-24CCC
 ELEVATION: 1165
 (FT, MSL)

NDSWC 2933, Continued

DATE DRILLED: May 1968
 DEPTH: 300
 (FT)



156-56-26ABA
 (Log from U.S. Army)

Elevation: 1170 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---------------------|------------------|--------------|
| | Sand, silty----- | 20 | 20 |
| | Sand, gravelly----- | 10 | 30 |
| | Clay----- | 5 | 35 |

156-56-26ACB
 (Log from U.S. Army)

Elevation: 1176 ft

| | | | |
|--|--|----|----|
| | Topsoil----- | 1 | 1 |
| | Clay, sandy, hard, dry, light-brown----- | 4 | 5 |
| | Sand, gravelly, fine, loose, dry, brown-orange----- | 16 | 21 |
| | Sand, gravelly, medium to coarse, loose, damp, light-gray----- | 7 | 28 |
| | Sand, clayey, medium to coarse, saturated, gray----- | 15 | 43 |
| | Silt, soft, saturated, gray----- | 4 | 47 |
| | Sand, gravelly, medium to coarse, loose, saturated, gray----- | 2 | 49 |
| | Silt, soft, saturated, gray----- | 7 | 56 |

156-56-26ADD
 (Log from U.S. Army)

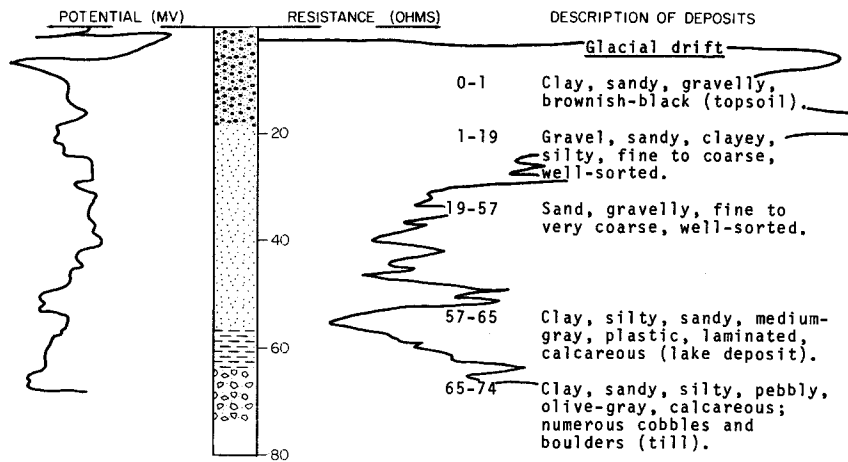
Elevation: 1168 ft

| | | | |
|--|----------------------|----|----|
| | Sand and gravel----- | 42 | 42 |
| | Clay----- | 8 | 50 |

LOCATION: 156-56-26BAB1
 ELEVATION: 1180
 (FT, MSL)

NDSWC 2949

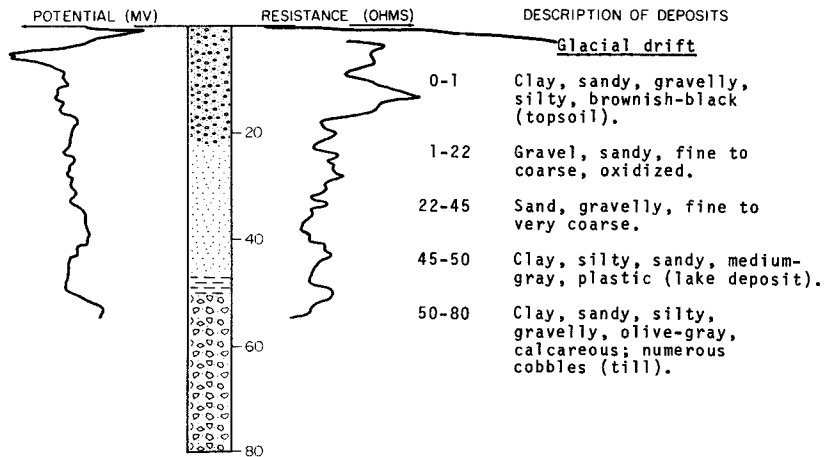
DATE DRILLED: May 1968
 DEPTH: 74
 (FT)



LOCATION: 156-56-26BCC1
 ELEVATION: 1171
 (FT, MSL)

NDSWC 2943

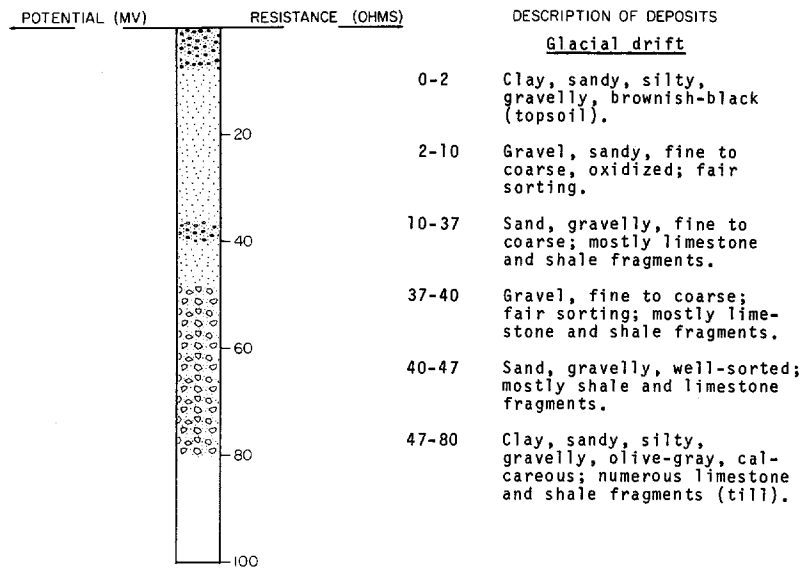
DATE DRILLED: May 1968
 DEPTH: 80
 (FT)



LOCATION: 156-56-26BCC 2
 ELEVATION: 1170
 (FT, MSL)

NDSWC 2937

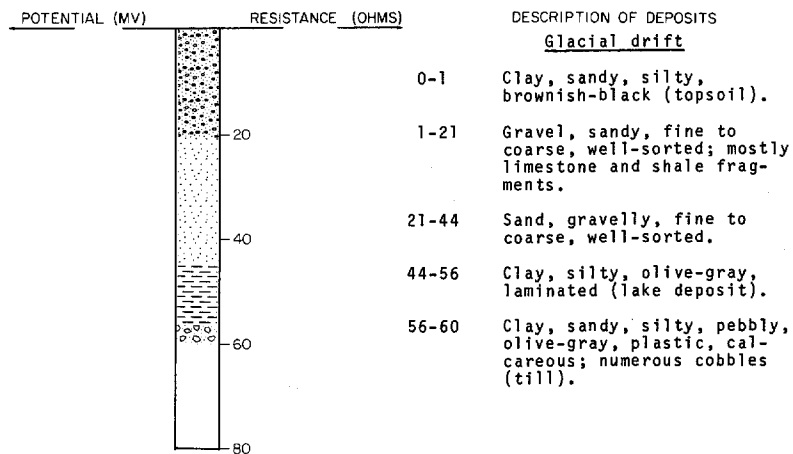
DATE DRILLED: May 1968
 DEPTH: 80
 (FT)



LOCATION: 156-56-26BCC4
 ELEVATION: 1170
 (FT, MSL)

NDSWC 2955

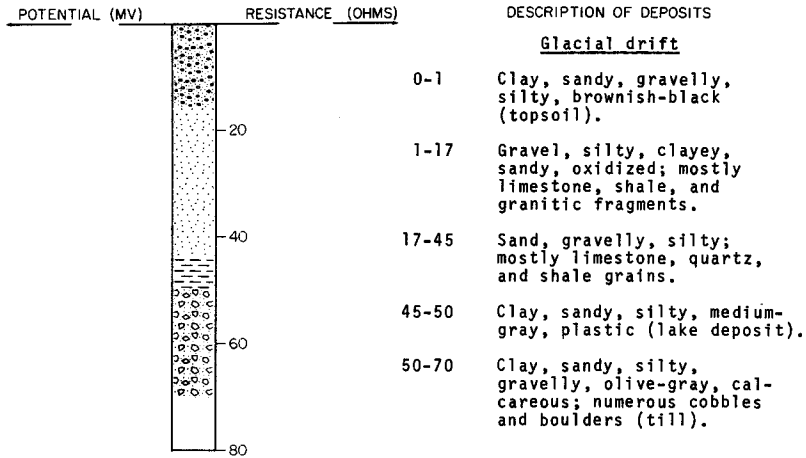
DATE DRILLED: June 1968
 DEPTH: 60
 (FT)



LOCATION: 156-56-26CBB
 ELEVATION: 1170
 (FT, MSL)

NDSWC 2945

DATE DRILLED: May 1968
 DEPTH: 70
 (FT)



156-56-26CDC
 (Log from U.S. Army)

Elevation: 1155 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Topsoil----- | 1 | 1 |
| | Clay, silty, soft----- | 6 | 7 |
| | Silt, sandy, very soft, saturated, tan-- | 4 | 11 |
| | Sand, clayey, saturated, gray----- | 4 | 15 |
| | Sand, clayey, gravelly, dark-brown----- | 16 | 31 |
| | Sand, medium to coarse, saturated, gray- | 2 | 33 |
| | Silt, soft, gray----- | 3 | 36 |

156-56-26DBC1
 (Log from U.S. Army)

Elevation: 1174 ft

| | | | |
|--|---------------------------|-----|------|
| | Topsoil----- | 2 | 2 |
| | Gravel----- | 1 | 3 |
| | Gravel, brown, sandy----- | 27 | 30 |
| | Gravel, brown, silty----- | 5 | 35 |
| | Gravel, clean, gray----- | 17 | 52 |
| | Gravel, fine, gray----- | .5 | 52.5 |
| | Gravel, clean, gray----- | 2.5 | 55 |
| | Clay, gray----- | 1 | 56 |

156-56-26DBC2
(Log from U.S. Army)

Elevation: 1175 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil----- | 1 | 1 |
| | Sand, gravelly, loose, dry, light-brown- | 8 | 9 |
| | Sand, medium, loose, damp, tan----- | 23 | 32 |
| | Sand, medium to coarse, loose, saturated, tan----- | 9 | 41 |
| | Clay, sandy, silty, soft, saturated, gray----- | 2 | 43 |
| | Sand, clayey, medium to coarse, loose, saturated, gray----- | 14 | 57 |
| | Clay, silty, sandy, soft, saturated, gray----- | 3 | 60 |

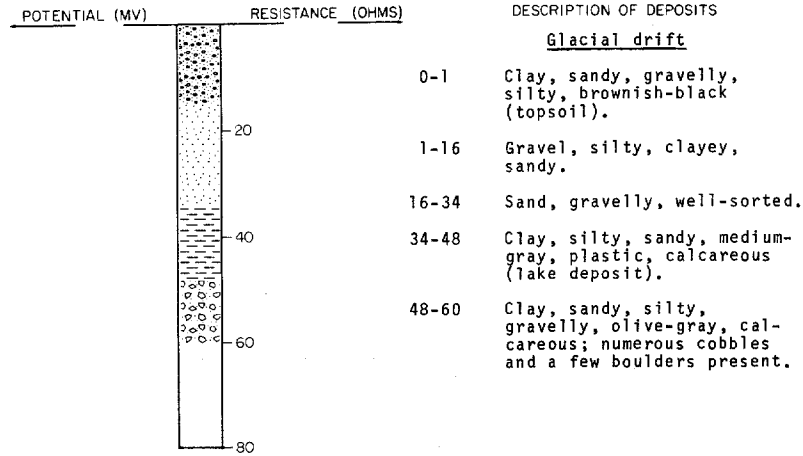
LOCATION: 156-56-27ADC

NDSWC 2947

DATE DRILLED: May 1968

ELEVATION: 1170
(FT, MSL)

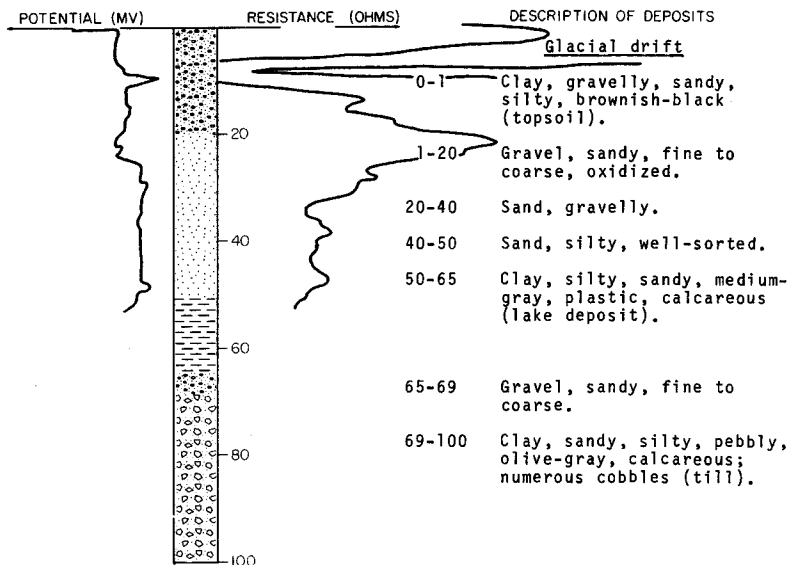
DEPTH: 60
(FT)



LOCATION: 156-56-27ADD1
 ELEVATION: 1170
 (FT, MSL)

NDSWC 2942

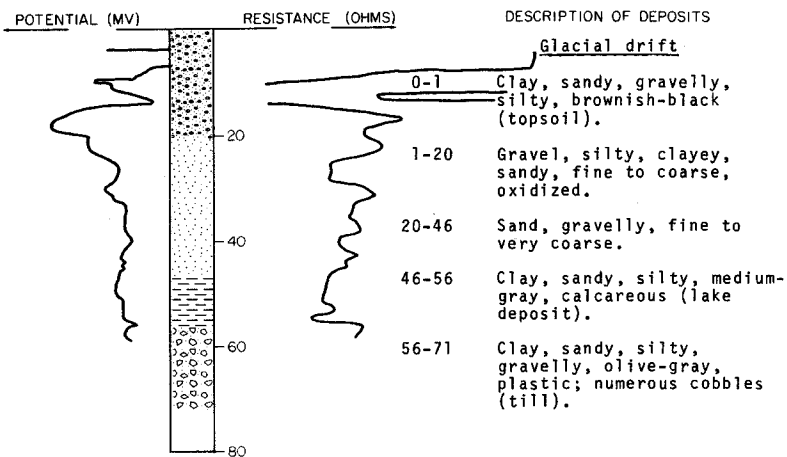
DATE DRILLED: May 1968
 DEPTH: 100
 (FT)



LOCATION: 156-56-27ADD2
 ELEVATION: 1170
 (FT, MSL)

NDSWC 2944

DATE DRILLED: May 1968
 DEPTH: 71
 (FT)



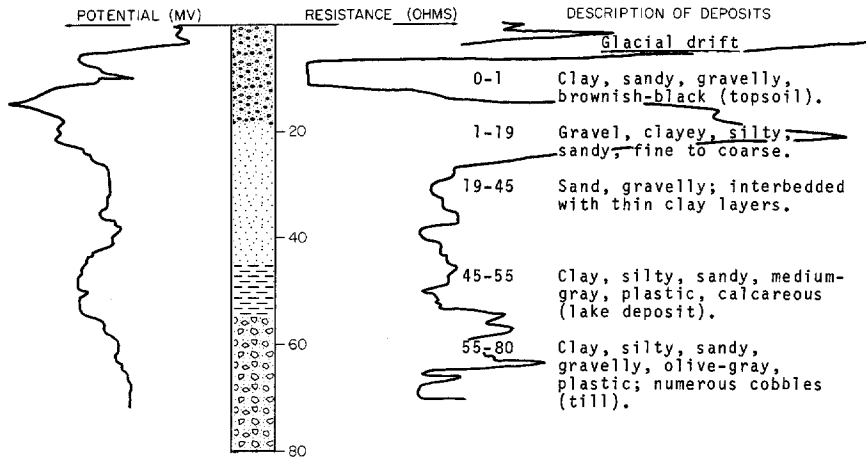
LOCATION: 156-56-27ADD3

NDSWC 2946

DATE DRILLED: May 1968

ELEVATION: 1170
(FT, MSL)

DEPTH: 80
(FT)



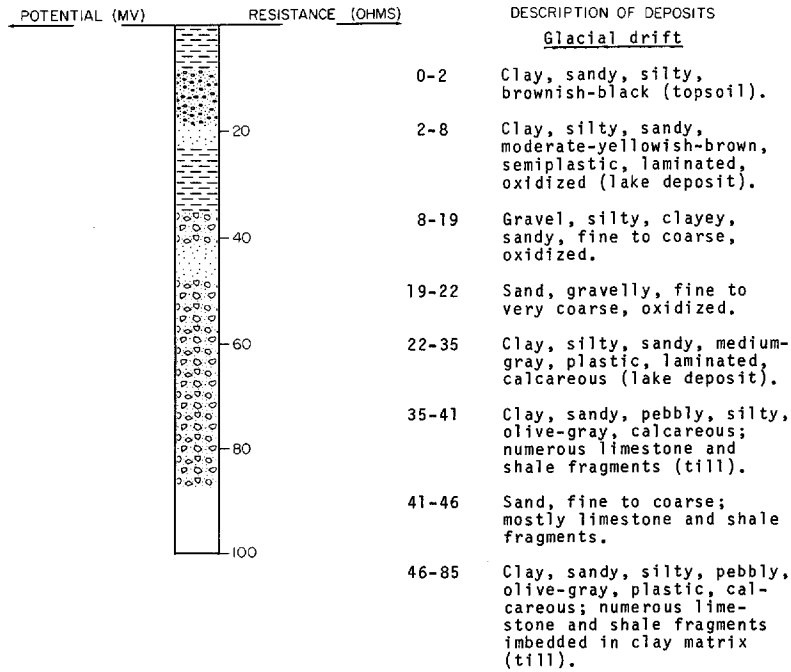
LOCATION: 156-56-27DAD

NDSWC 2948

DATE DRILLED: May 1968

ELEVATION: 1168
(FT, MSL)

DEPTH: 85
(FT)



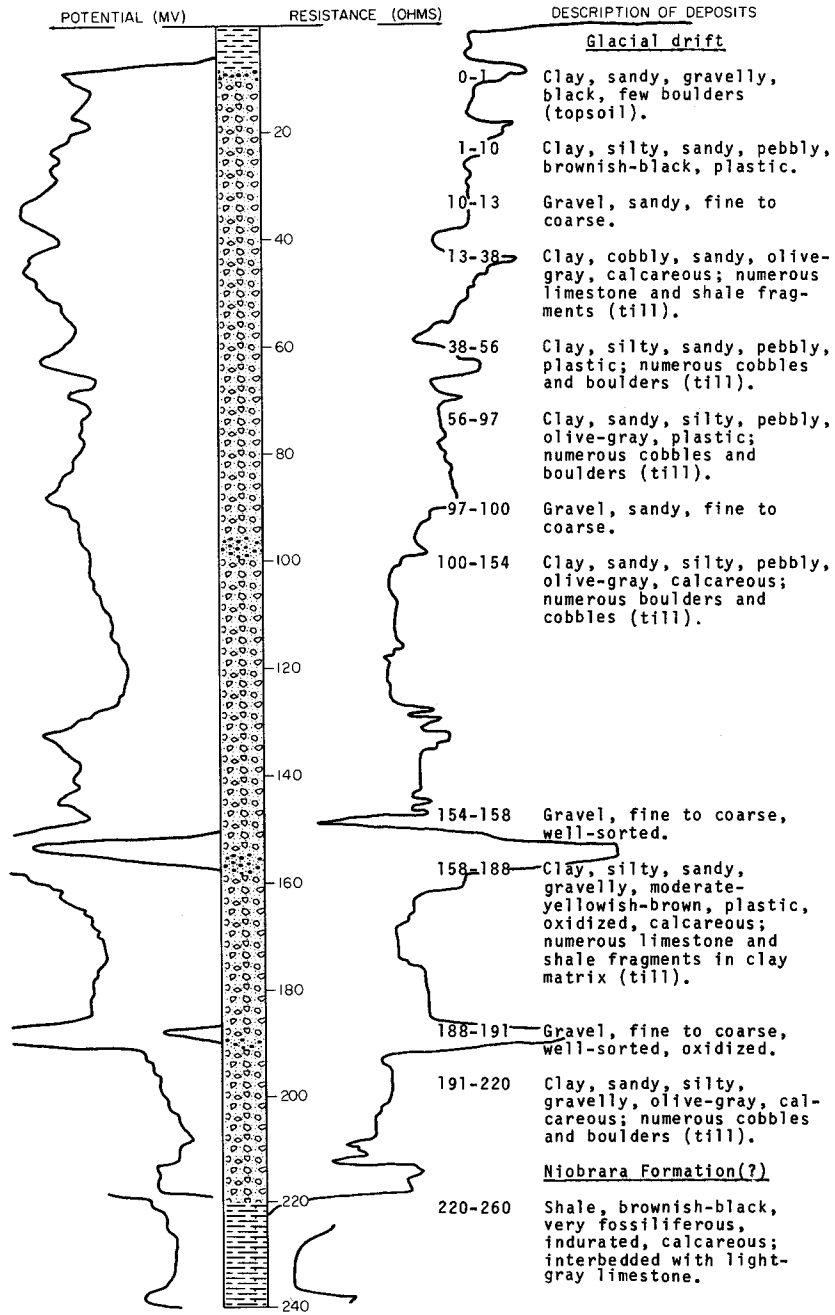
LOCATION: 156-56-28ABA

NDSWC 2932

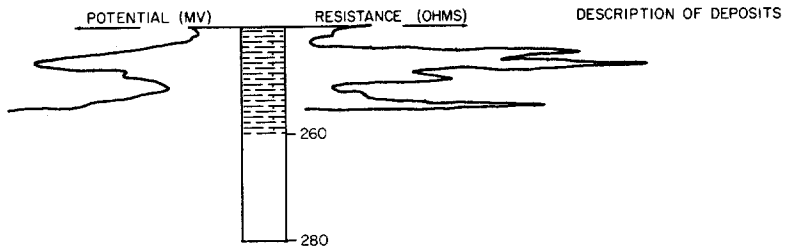
DATE DRILLED: May 1968

ELEVATION: 1160
(FT, MSL)

DEPTH: 260
(FT)



LOCATION: 156-56-28ABA NDSWC 2932, Continued DATE DRILLED: May 1968
 ELEVATION: 1160 DEPTH: 260
 (FT, MSL) (FT)



156-56-29ABC
 (Log from U.S. Air Force)

Elevation: 1175 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Sand, silty, fine to medium, clayey----- | 8 | 8 |
| | Silt----- | 6 | 14 |
| | Sand, medium to coarse----- | 4 | 18 |
| | Clay----- | 11 | 29 |
| | Sand, fine----- | 4.5 | 33.5 |
| | Clay----- | 12.5 | 56 |
| | Sand, fine to medium----- | 6 | 62 |
| | Clay----- | 33 | 95 |
| | Sand, fine to medium----- | 9 | 104 |
| | Clay----- | 8 | 112 |
| | Sand, fine----- | 16 | 128 |
| | Clay----- | 2 | 130 |

156-56-34ADB
 (Log from U.S. Army)

Elevation: 1165 ft

| | | | |
|--|--|-----|------|
| | Clay, sandy, dark-brown, damp, soft----- | 1 | 1 |
| | Clay, sandy, lean, hard, dry, tan----- | 7.5 | 8.5 |
| | Sand, gravelly, loose, damp, tan----- | 5 | 13.5 |
| | Sand, clayey, gravelly, loose, saturated, brown----- | 1.5 | 15 |
| | Sand, medium to coarse, loose, saturated, dark-gray----- | 8 | 23 |
| | Silt, soft, saturated, gray----- | 5 | 28 |

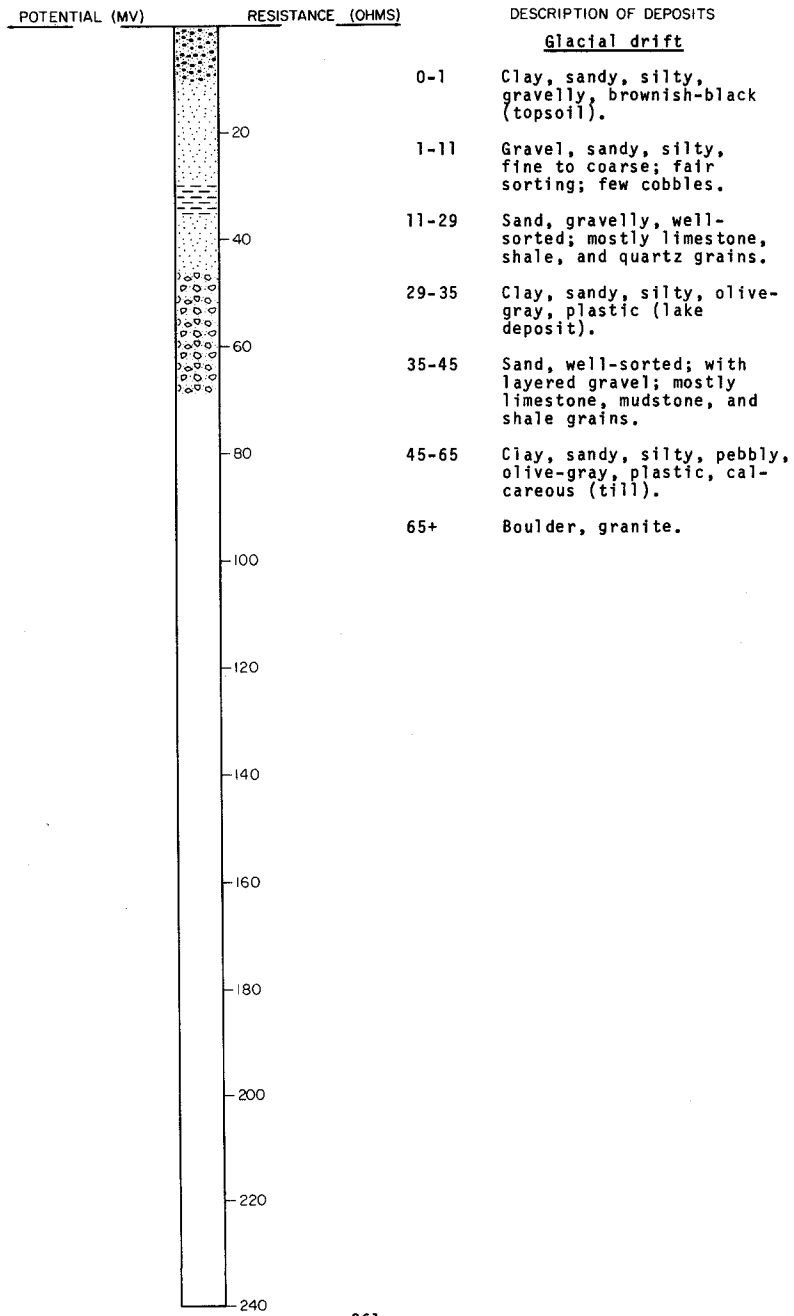
LOCATION: 156-56-34DCC

NDSWC 2939

DATE DRILLED: May 1968

ELEVATION: 1172
(FT, MSL)

DEPTH: 65
(FT)



156-56-35AAD1
(Log from U.S. Army)

Elevation: 1155 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------|------------------|--------------|
| | Clay, silty----- | 1 | 1 |
| | Gravel, sandy----- | 19 | 20 |
| | Sand, silty----- | 20 | 40 |
| | Clay, silty----- | 5 | 45 |

156-56-35AAD2
(Log from U.S. Army)

Elevation: 1155 ft

| | | | |
|--|------------------------------|------|------|
| | Topsoil----- | 1 | 1 |
| | Clay, yellow----- | 3 | 4 |
| | Sand, brown, and gravel----- | 10 | 14 |
| | Gravel, clean, brown----- | 6 | 20 |
| | Gravel, clean, gray----- | 4 | 24 |
| | Gravel, silty, sandy----- | .5 | 24.5 |
| | Gravel, clean, gray----- | 15.5 | 40 |

156-56-35ABA
(Log from U.S. Army)

Elevation: 1157 ft

| | | | |
|--|---------------------------|-----|------|
| | Topsoil----- | 2 | 2 |
| | Clay, yellow----- | 4 | 6 |
| | Gravel, sandy, brown----- | 11 | 17 |
| | Gravel, clean, gray----- | 17 | 34 |
| | Gravel, silty----- | .5 | 34.5 |
| | Gravel, gray----- | 7.5 | 42 |
| | Clay----- | -- | -- |

156-56-35CBB
(Log from U.S. Army)

Elevation: 1172 ft

| | | | |
|--|--|----|----|
| | Topsoil----- | 1 | 1 |
| | Sand, medium to fine, gravelly, loose, damp, tan----- | 12 | 13 |
| | Sand, medium, loose, damp, tan----- | 2 | 15 |
| | Sand, gravelly, coarse, loose, damp, tan----- | 15 | 30 |
| | Sand, gravelly, medium to coarse, loose, saturated, dark-gray----- | 19 | 49 |
| | Silt, sandy, soft, saturated, gray----- | 3 | 52 |

156-56-35DAA
(Log from U.S. Army)

Elevation: 1150 ft

| | | | |
|--|--------------------------|----|----|
| | Topsoil----- | 1 | 1 |
| | Clay, yellow----- | 5 | 6 |
| | Gravel and rock----- | 7 | 13 |
| | Gravel, brown----- | 5 | 18 |
| | Gravel, clean, gray----- | 12 | 30 |
| | Clay----- | -- | -- |

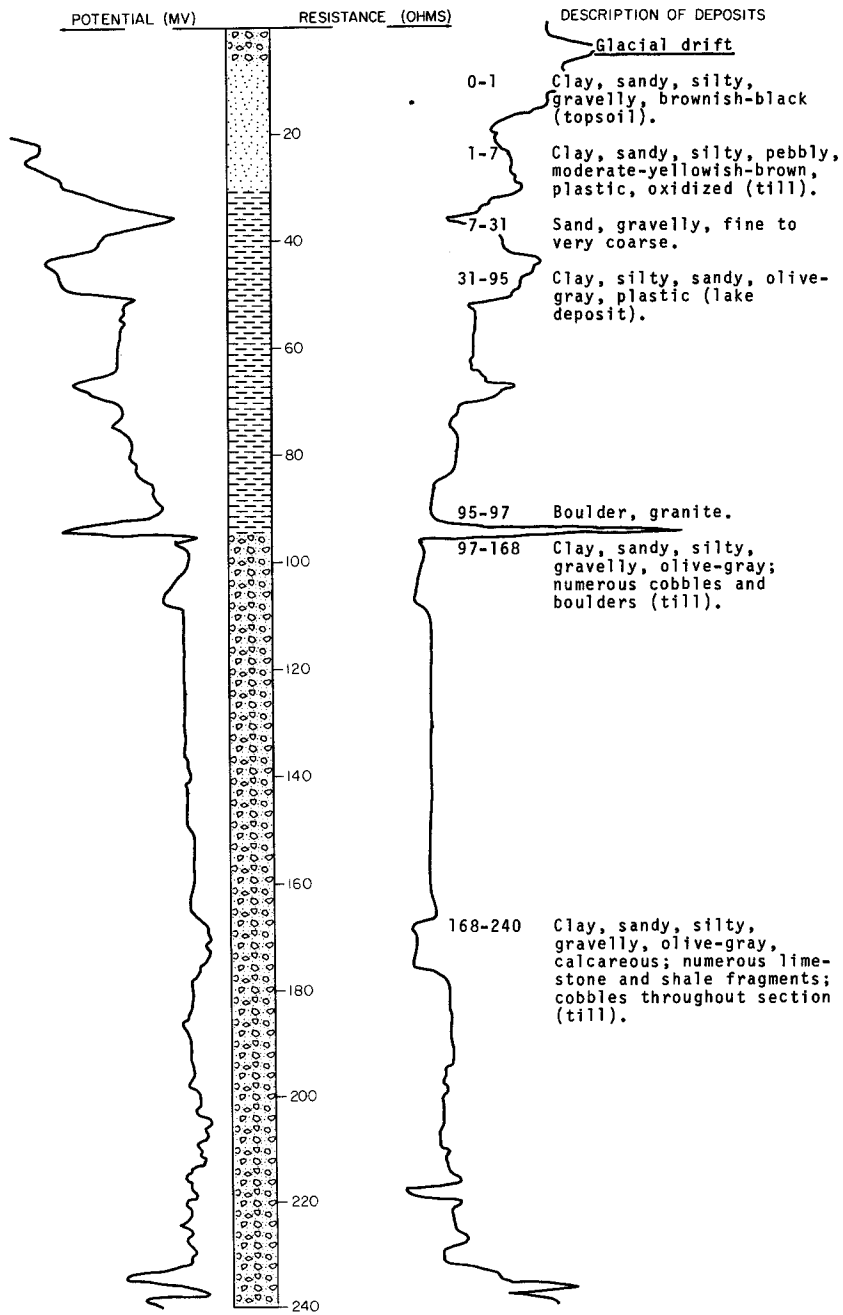
LOCATION: 156-56-36CCC 1

NDSWC 2934

DATE DRILLED: May 1968

ELEVATION: 1145
(FT, MSL)

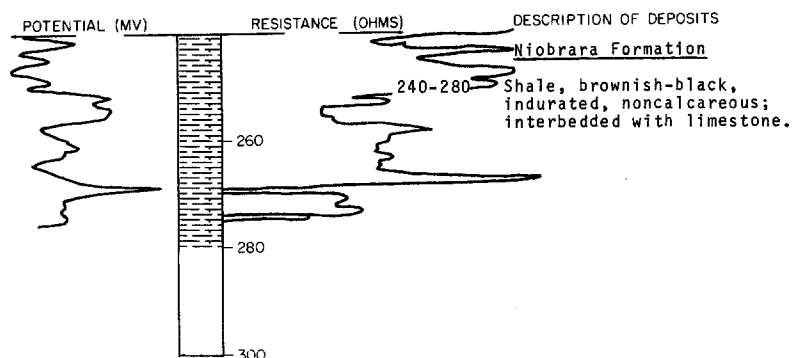
DEPTH: 280
(FT)



LOCATION: 156-56-36CCC 1
 ELEVATION: 1145
 (FT, MSL)

NDSWC 2934, Continued

DATE DRILLED: May 1968
 DEPTH: 280
 (FT)



156-56-36CCC2
 (Log from U.S. Army)

Elevation: 1145 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------------------|-------------------------|---------------------|
| | Clayey loam----- | 8 | 8 |
| | Sand, gravelly, silty, brown----- | 4 | 12 |
| | Sand, gravelly, gray----- | 17 | 29 |
| | Silt, gray----- | .5 | 29.5 |
| | Sand, gray, gravelly----- | 2 | 31.5 |
| | Clay, gray----- | .5 | 32 |

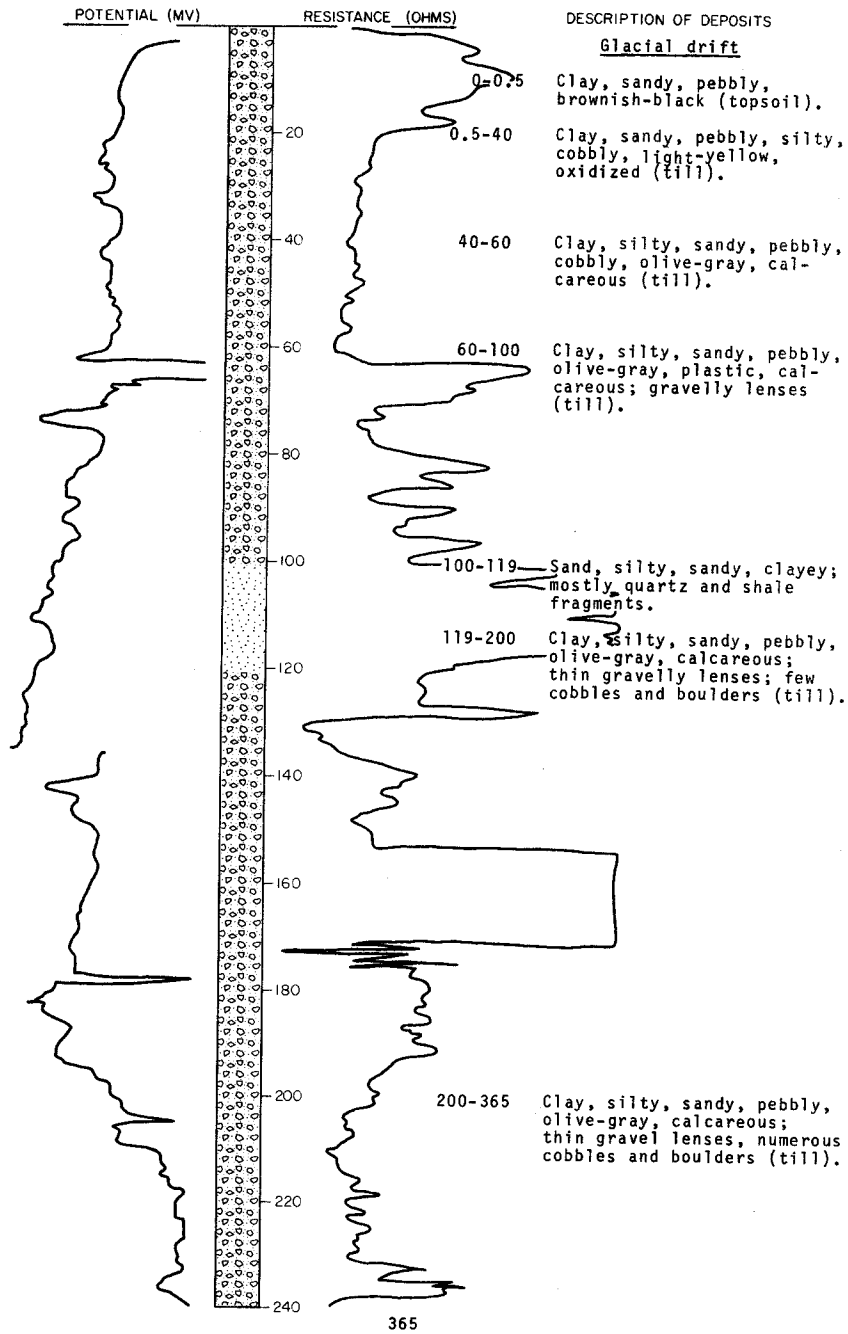
LOCATION: 156-56-36DDD

NDSWC 5377

DATE DRILLED: August 1969

ELEVATION: 1207
(FT, MSL)

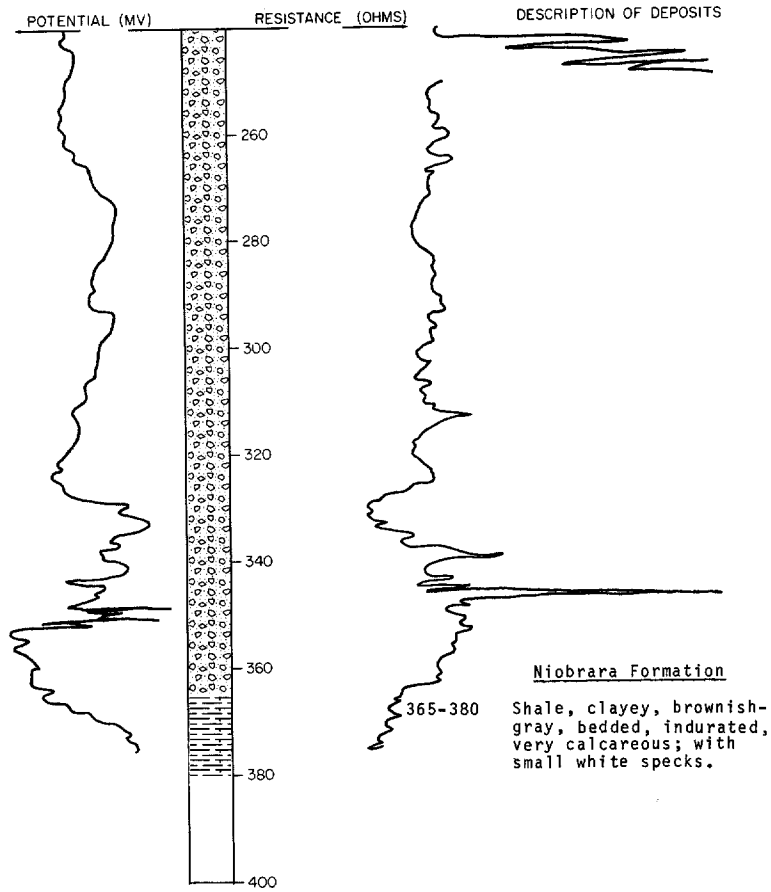
DEPTH: 380
(FT)



LOCATION: 156-56-36DDD
 ELEVATION: 1207
 (FT, MSL)

NDSWC 5377, Continued

DATE DRILLED: August 1969
 DEPTH: 380
 (FT)



156-57-28BAC
 (Log from U.S. Air Force)

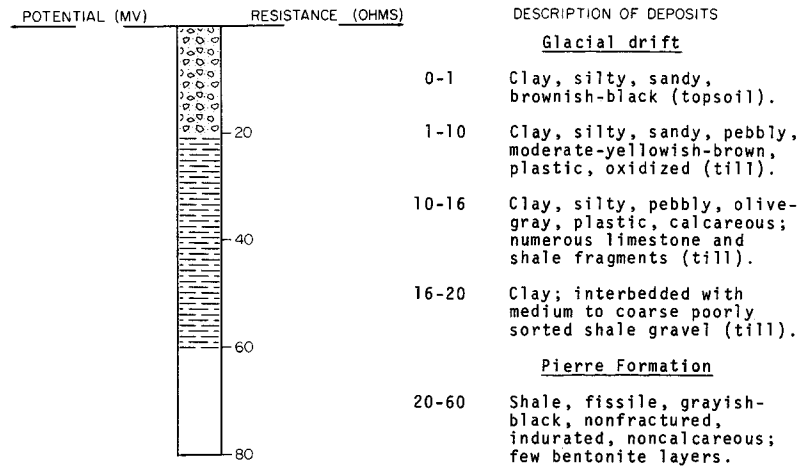
Elevation: 1250 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------|-------------------------|---------------------|
| | Clay, silty----- | 22 | 22 |
| | Shale, crushed----- | 76 | 98 |
| | Shale----- | 31.3 | 129.3 |

LOCATION: 156-58-8AAA
 ELEVATION: 1550
 (FT, MSL)

NDSWC 5045

DATE DRILLED: July 1968
 DEPTH: 60
 (FT)



156-58-22CDB
 (Log from U.S. Air Force)

Elevation: 1570 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Clay, silty----- | 8 | 8 |
| | Sand, silty, fine----- | 10 | 18 |
| | Clay----- | 5 | 23 |
| | Clay, with shale fragments----- | 55 | 78 |
| | Clay, silty; trace of shale gravel----- | 12 | 90 |
| | Shale----- | 40 | 130 |

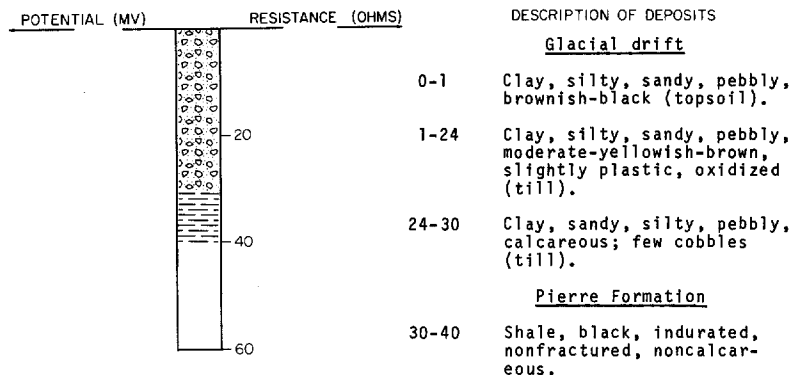
LOCATION: 156-59-28AAA

NDSWC 5044

DATE DRILLED: July 1968

ELEVATION: 1530
(FT, MSL)

DEPTH: 40
(FT)



156-59-33ACD
(Log from U.S. Air Force)

Elevation: 1530 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Sand, coarse, gravelly, clayey----- | 39 | 39 |
| | Shale (Pierre Formation)----- | 325 | 364 |
| | Shale (Niobrara Formation)----- | 348 | 712 |
| | Shale (Greenhorn Formation)----- | 408 | 1120 |
| | Sandstone, medium to coarse, quartz sand (Dakota Group)----- | 30 | 1150 |
| | Shale----- | 50 | 1200 |
| | Sandstone, medium to coarse, white----- | 58 | 1258 |

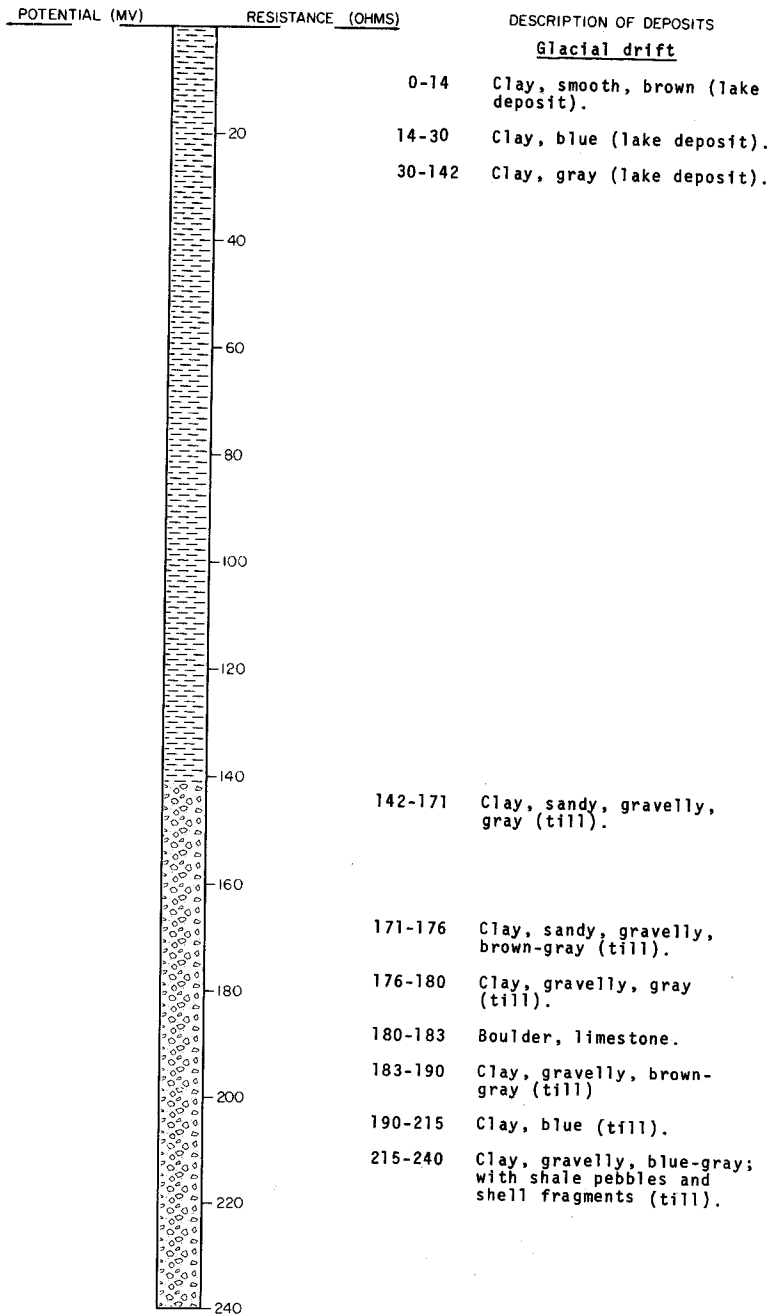
LOCATION: 157-50-198AB

USGS 723

DATE DRILLED: May 1953

ELEVATION: 795
(FT, MSL)

DEPTH: 390
(FT)

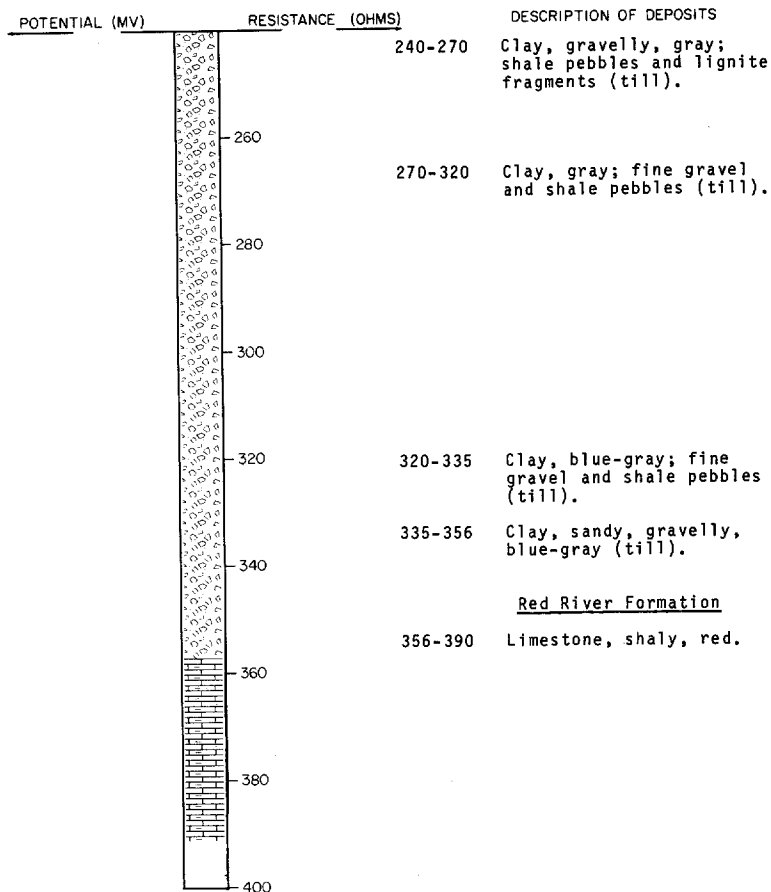


LOCATION: 157-50-198AB

DATE DRILLED: May 1953

ELEVATION: 795
(FT, MSL)

DEPTH: 390
(FT)



157-50-198BA
NDGS W14

Elevation: 809 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|---|------------------|--------------|
| | Alluvium, hard, black, silty, organic--- | 6 | 6 |
| | Clay, hard, cohesive, oxidized, silty (lake deposit)----- | 9 | 15 |
| | Clay, silty, hard, cohesive, pebbly (lake deposit)----- | 5 | 20 |
| | Clay, silty; unoxidized below 25 feet; gradual change in color with depth. Gray at bottom of hole, very choesive, smooth----- | 14 | 34 |

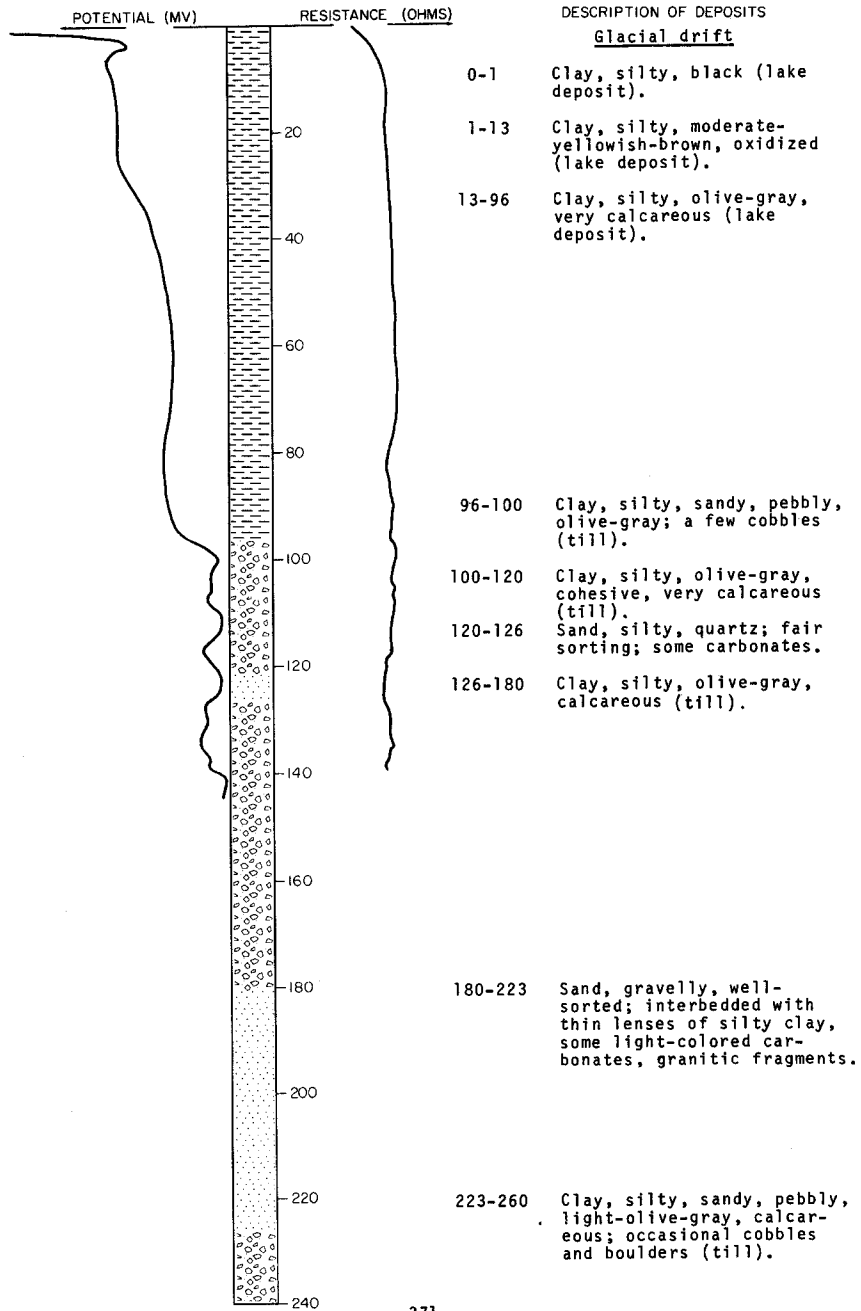
LOCATION: 157-51-6AAA

NDSWC 5389

DATE DRILLED: August 1969

ELEVATION: 808
(FT, MSL)

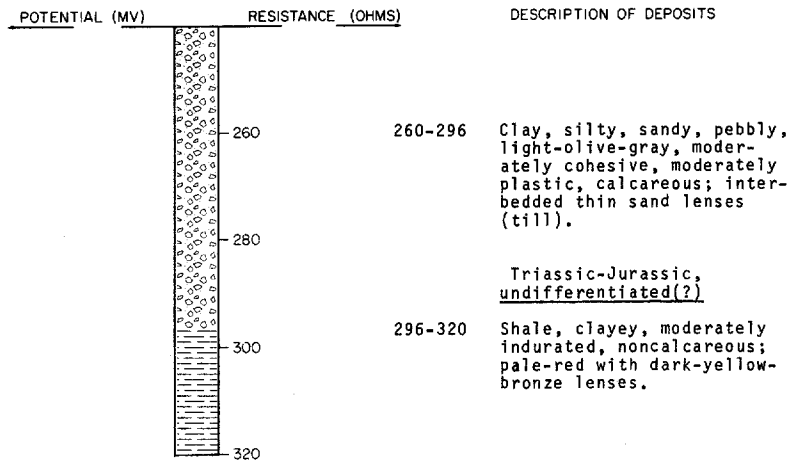
DEPTH: 320
(FT)



NDSWC 5389, Continued

LOCATION: 157-51-6AAA
 ELEVATION: 808
 (FT, MSL)

DATE DRILLED: August 1969
 DEPTH: 320
 (FT)



157-51-15DDD

(Log from North Dakota State Highway Dept.)

Elevation: 804 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--------------------------------|------------------|--------------|
| | Clay, silty----- | 137 | 137 |
| | Clay, silty, sandy (till)----- | 14 | 151 |

157-51-27DDD

(Log from North Dakota State Highway Dept.)

Elevation: 804.5 ft

| | | |
|---|------|-------|
| Clay, silty, sandy, black-brown, topsoil | 3 | 3 |
| Clay, silty, black, organic----- | 2 | 5 |
| Clay, silty, brown-gray, massive, very stiff; interbedded silt----- | 3 | 8 |
| Clay, silty, brown-gray, varved, stiff-- | 6 | 14 |
| Clay, sandy, silty, gray-brown, varved, soft----- | 5 | 19 |
| Clay, silty, gray, varved, slickensided, soft----- | 5 | 24 |
| Clay, silty, gray, massive, medium stiff | 97 | 121 |
| Clay, silty, sandy, gray, stiff; slight gravel content----- | 4 | 125 |
| Clay, silty, sandy, gray, laminated; interbedded sand lenses----- | 6 | 131 |
| Clay, silty, sandy, gray, stratified, very dense; sand lenses----- | 15.3 | 146.3 |

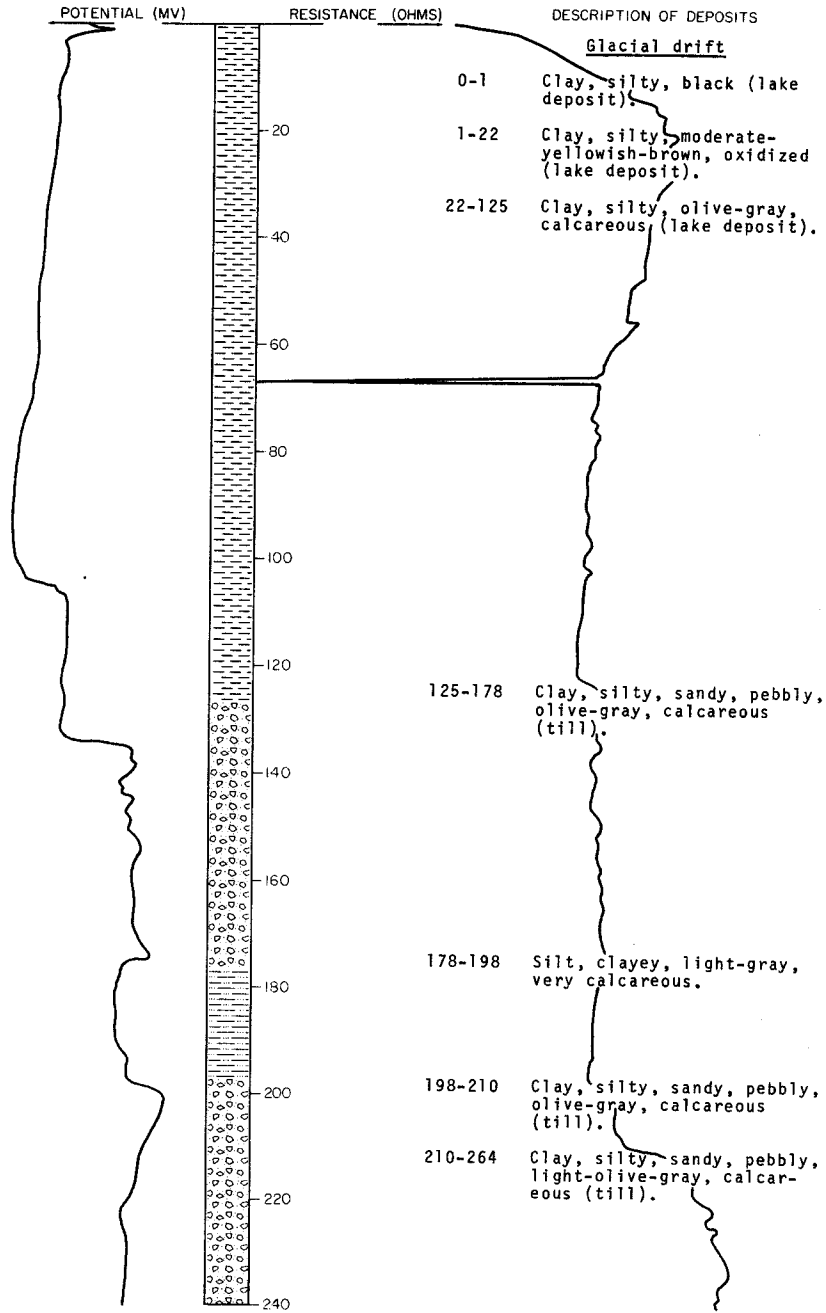
LOCATION: 157-51-36CCC

NDSWC 5392

DATE DRILLED: August 1969

ELEVATION: 802
(FT, MSL)

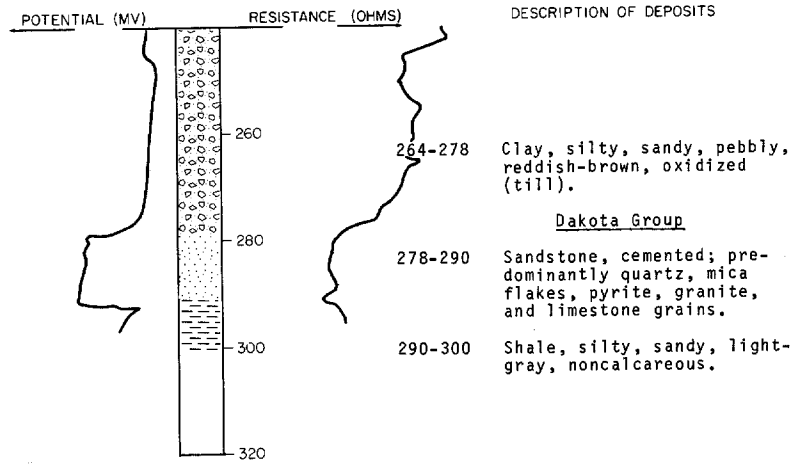
DEPTH: 300
(FT)



LOCATION: 157-51-36CCC
 ELEVATION: 802
 (FT, MSL)

NDSWC 5392, Continued

DATE DRILLED: August 1969
 DEPTH: 300
 (FT)



157-52-8BCD
 NDGS W13

Elevation: 812 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Sand, very fine; few pebbles----- | 5 | 5 |
| | Clay, silty; unoxidized below 20 ft---- | 19 | 24 |

LOCATION: 157-52-11CBC

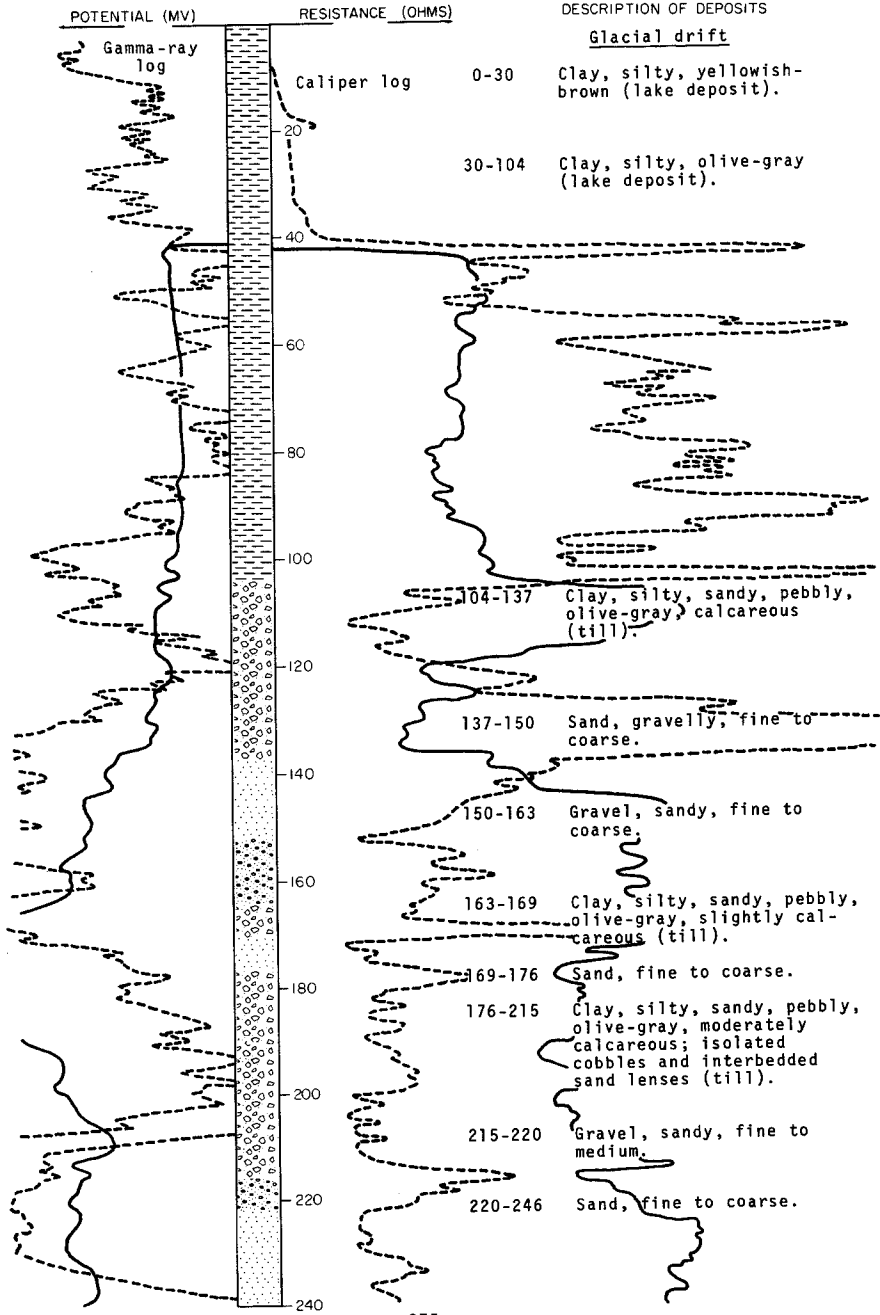
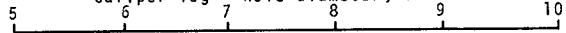
NDSWC 5336

DATE DRILLED: June 1969

ELEVATION: 805
(FT, MSL)

DEPTH: 710
(FT)

Caliper log - hole diameter, in inches



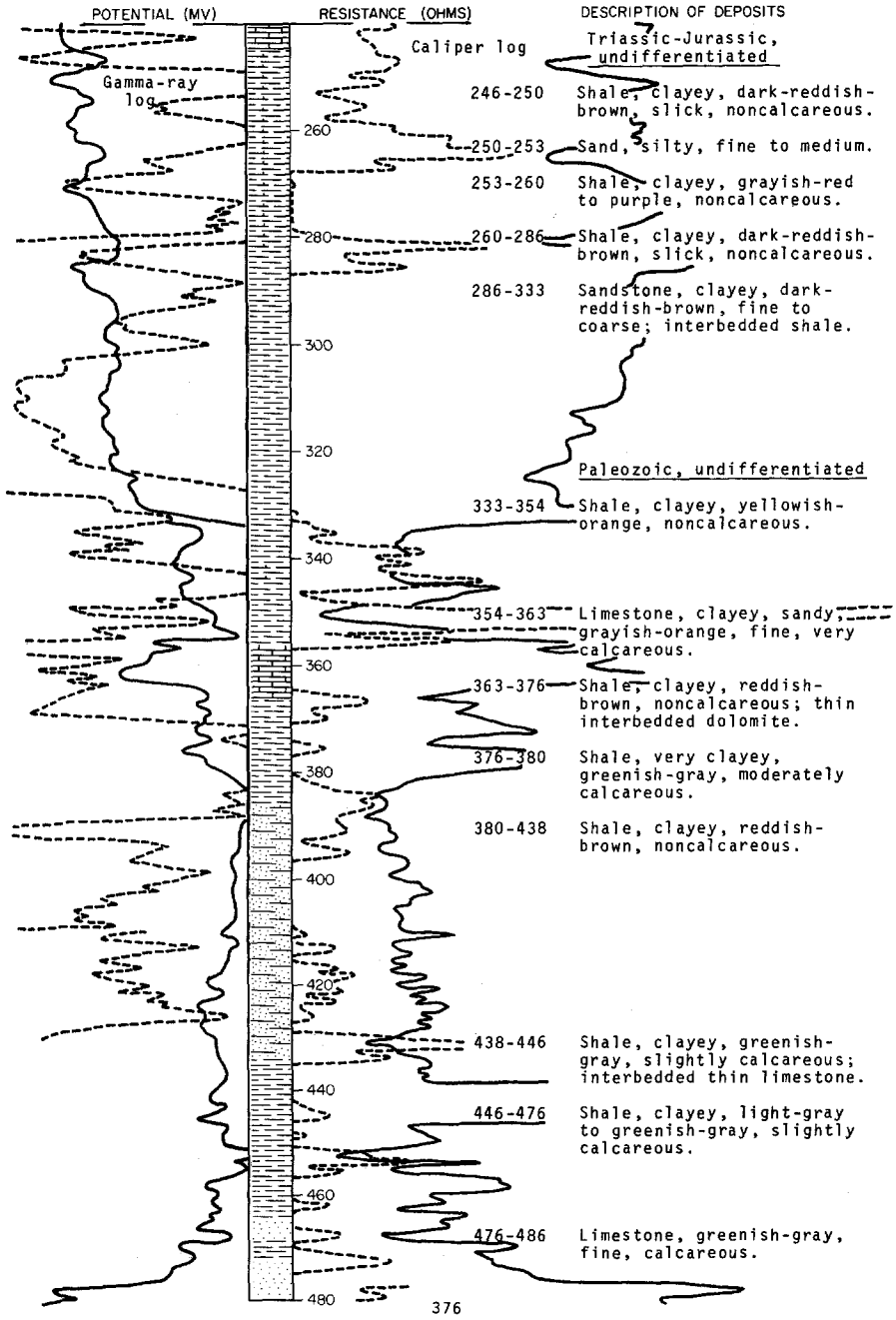
LOCATION: 157-52-11CBC
 ELEVATION: 805
 (FT, MSL)

NDSWC 5336, Continued

DATE DRILLED: June 1969

DEPTH: 710

Caliper log - hole diameter, in inches



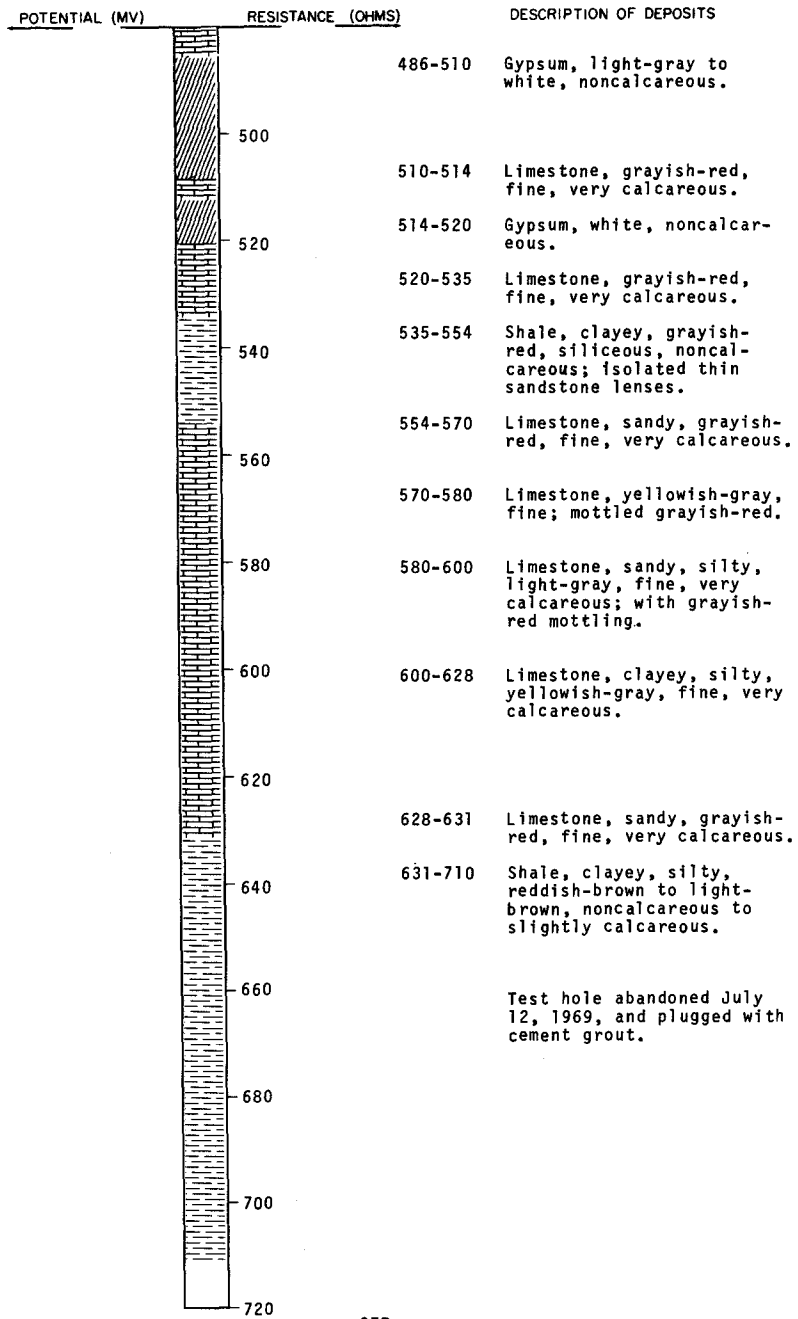
LOCATION: 157-52-11CBC

NDSWC 5336, Continued

DATE DRILLED: June 1969

ELEVATION: 805
(FT, MSL)

DEPTH: 710
(FT)



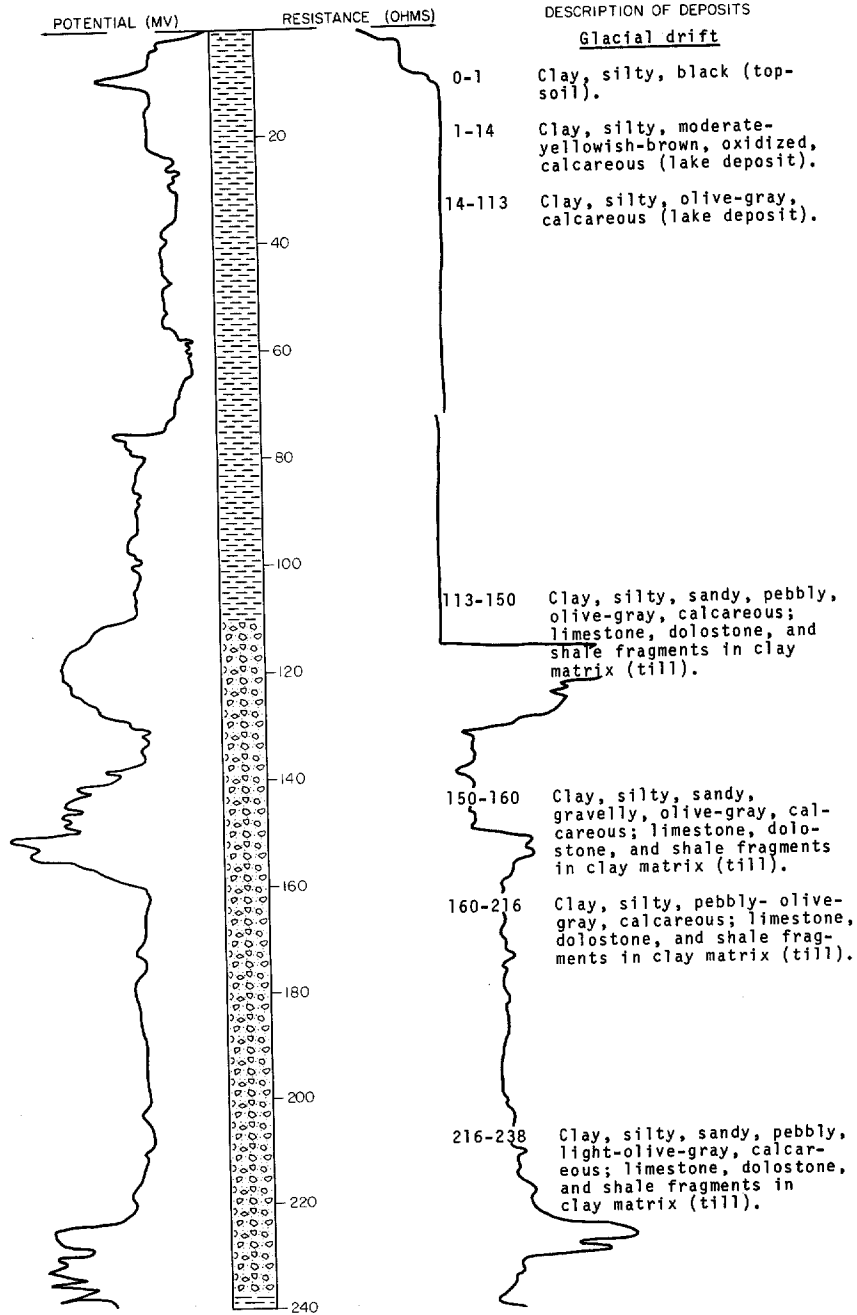
LOCATION: 157-52-11CCC

NDSWC 5029

DATE DRILLED: July 1968

ELEVATION: 818
(FT, MSL)

DEPTH: 260
(FT)



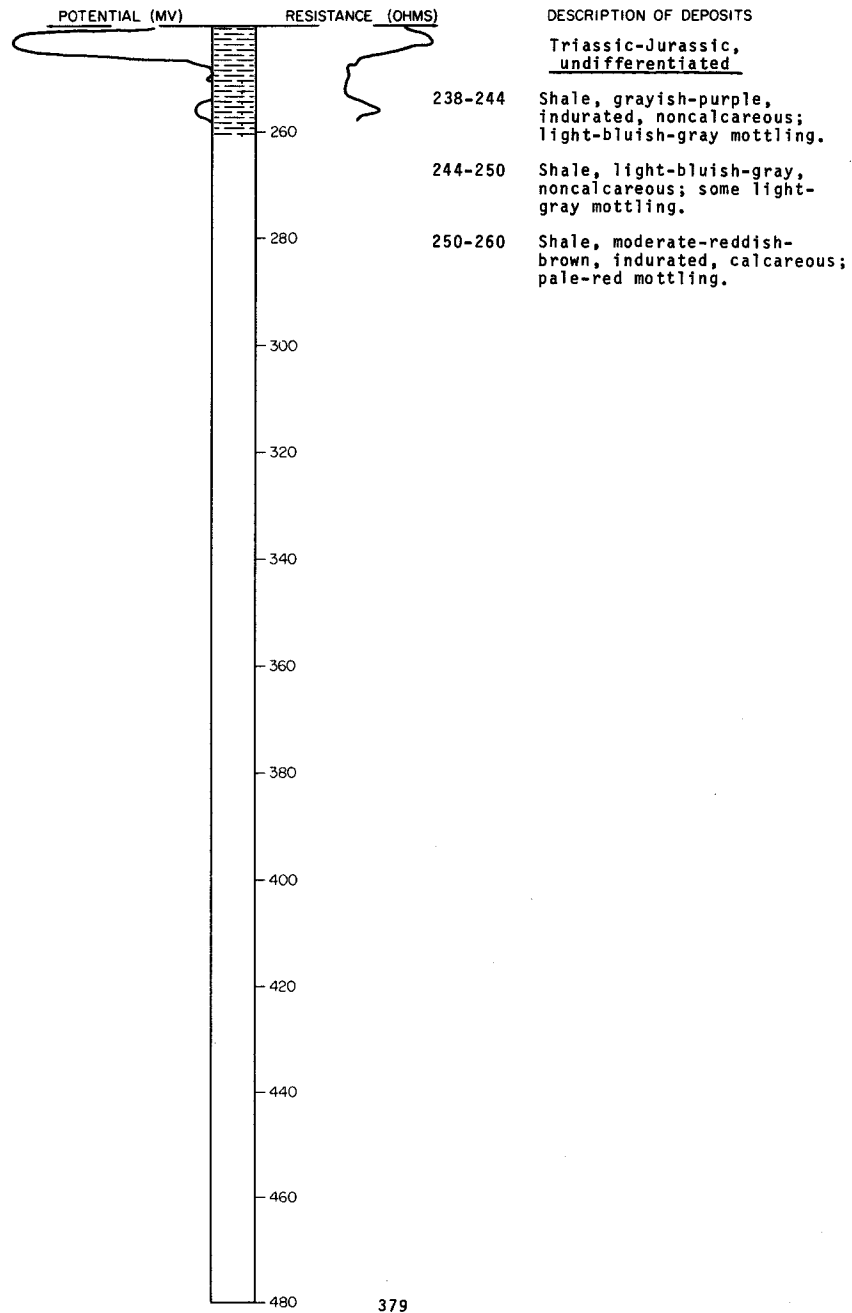
LOCATION: 157-52-11CCC

NDSWC 5029, Continued

DATE DRILLED: July 1968

ELEVATION: 818
(FT, MSL)

DEPTH: 260
(FT)



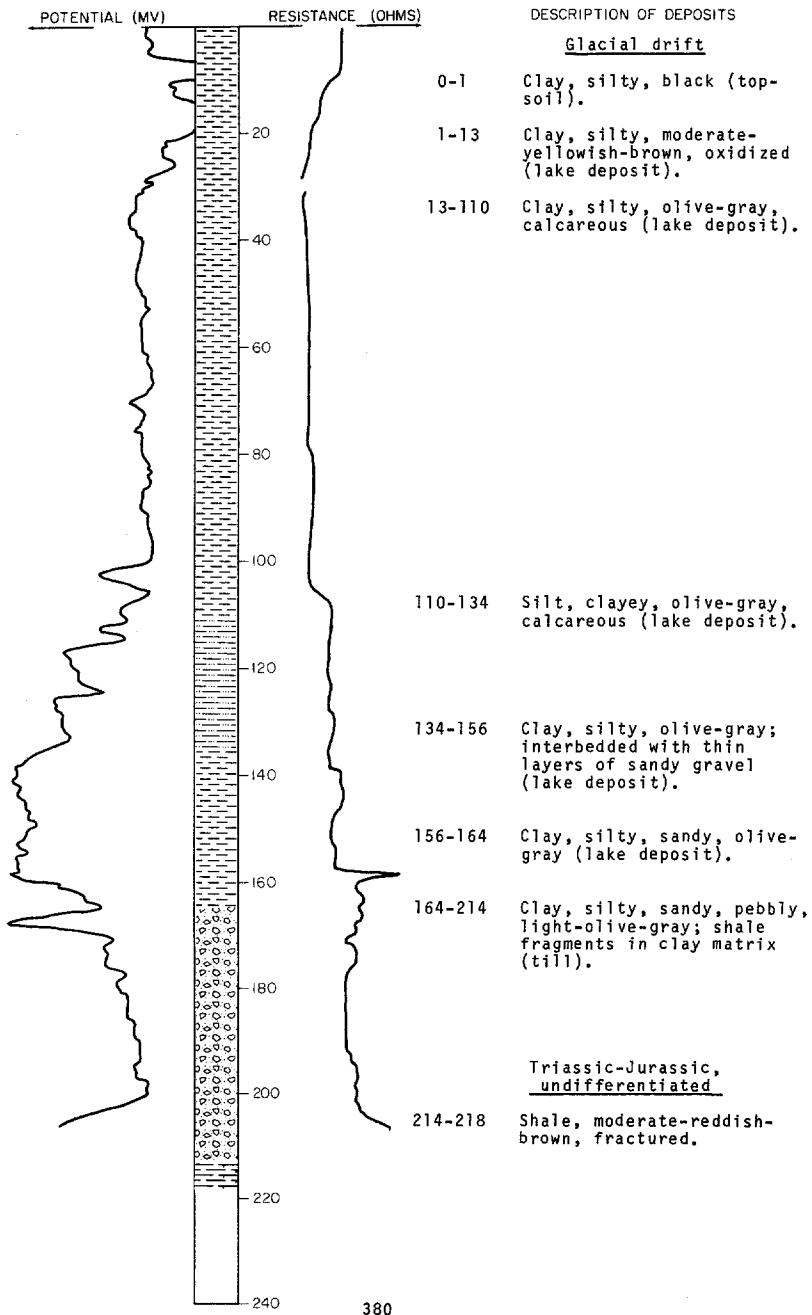
LOCATION: 157-52-28AAA

NDSWC 5030

DATE DRILLED: July 1968

ELEVATION: 817
(FT, MSL)

DEPTH: 218
(FT)



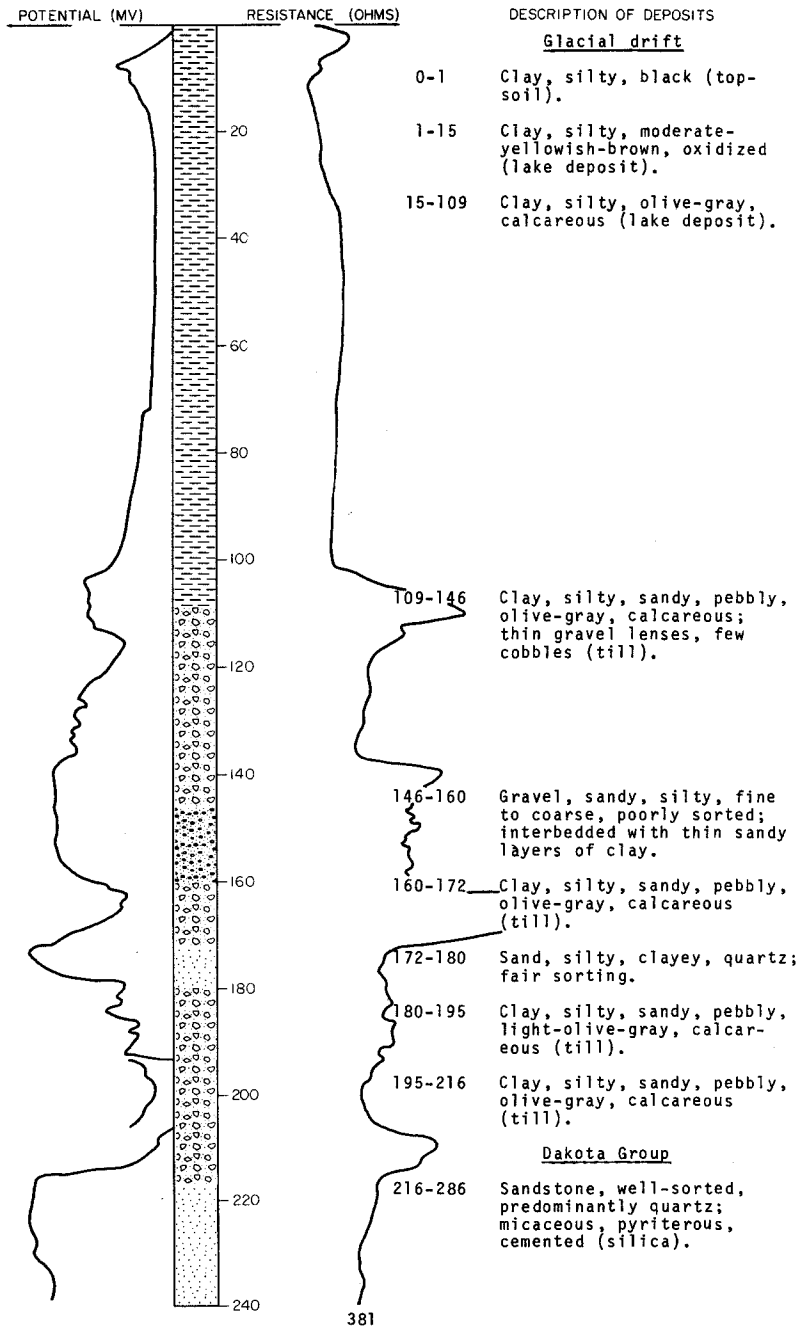
LOCATION: 157-52-36CCC

NDSWC 5391

DATE DRILLED: August 1969

ELEVATION: 806
(FT, MSL)

DEPTH: 300
(FT)



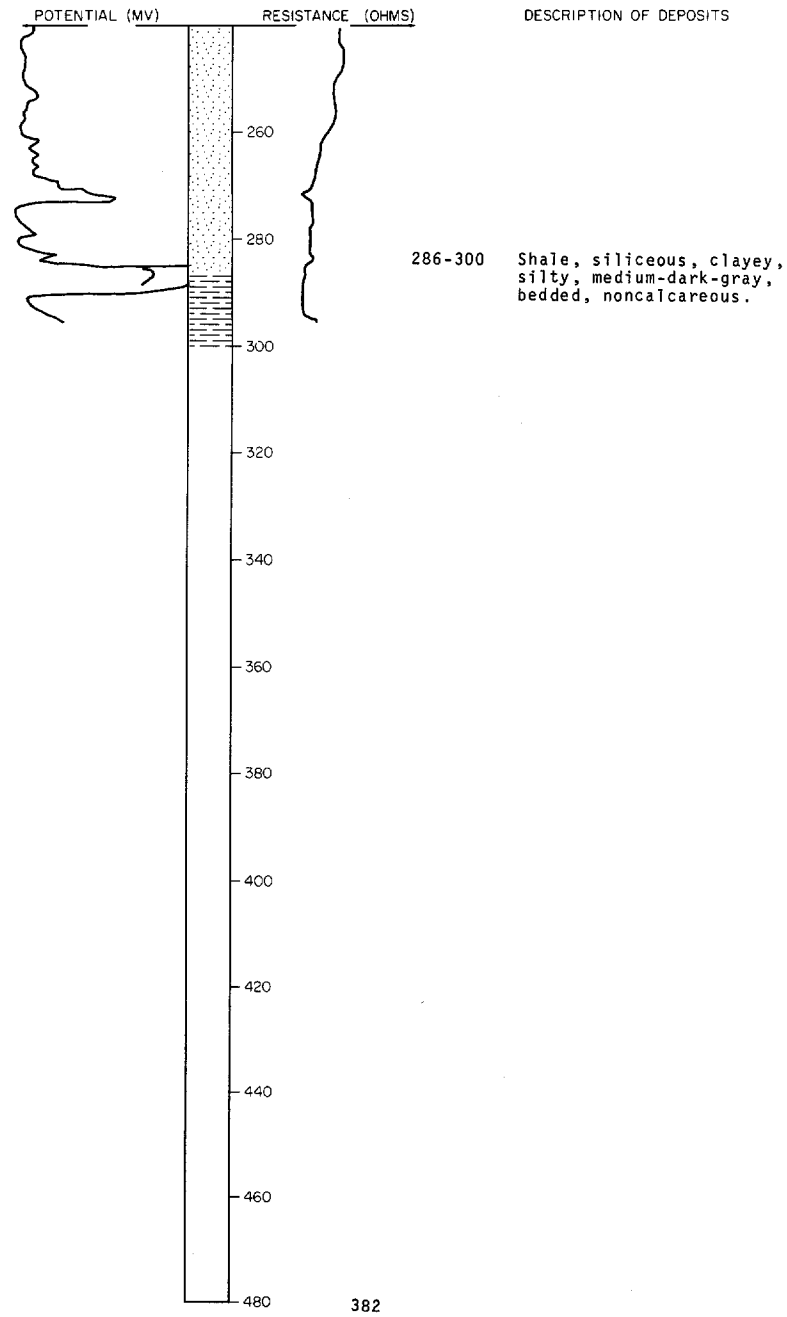
NDSWC 5391, Continued

LOCATION: 157-52-36CCC

DATE DRILLED: August 1969

ELEVATION: 806
(FT, MSL)

DEPTH: 300
(FT)



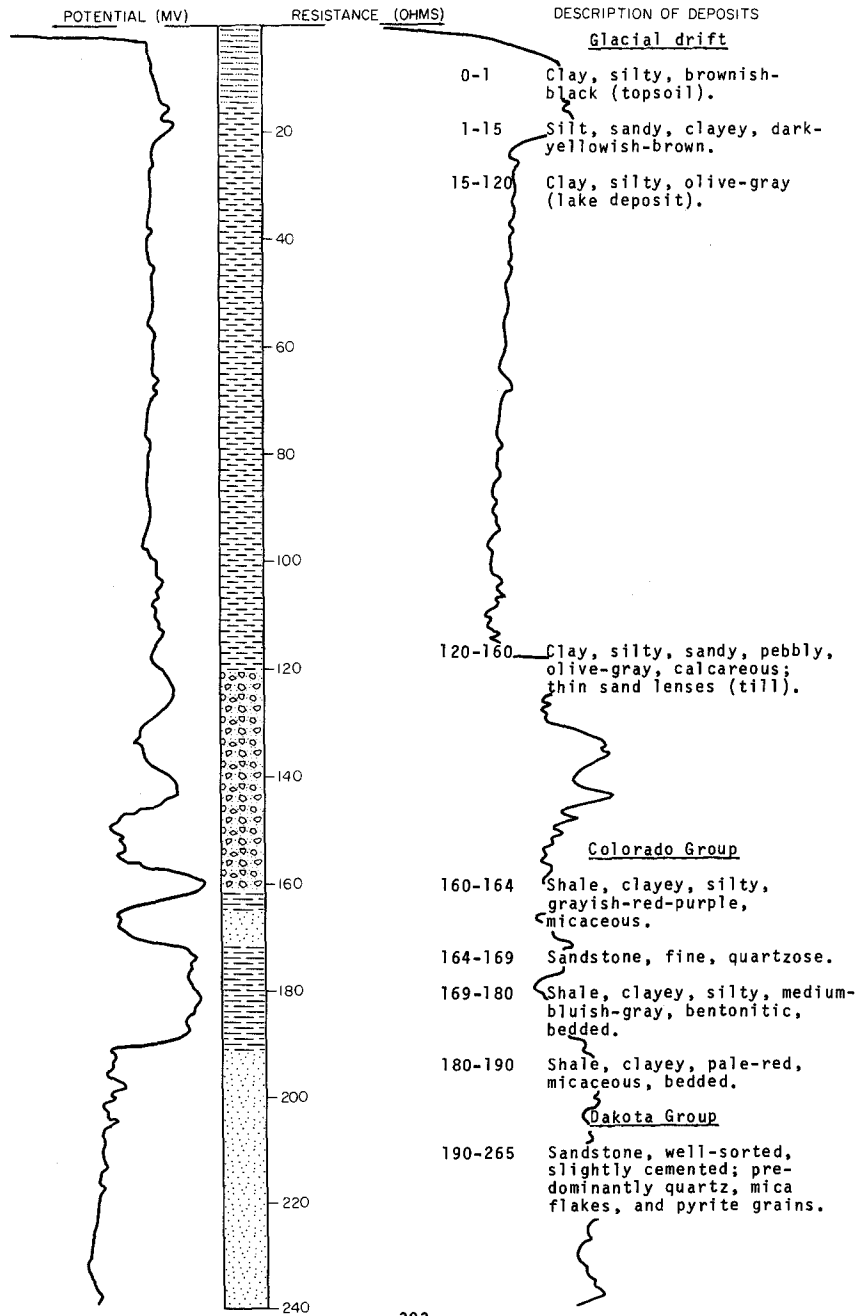
LOCATION: 157-53-1188B

NDSWC 5390

DATE DRILLED: August 1969

ELEVATION: 834
(FT, MSL)

DEPTH: 265
(FT)



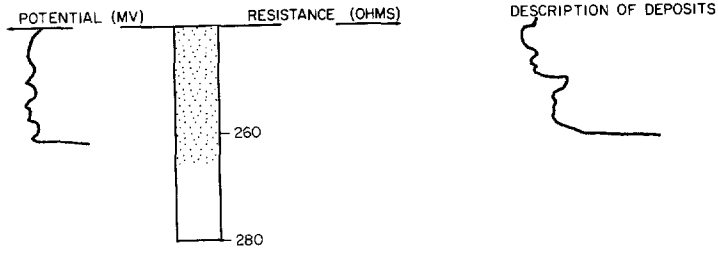
NDSWC 5390, Continued

LOCATION: 157-53-118BB

DATE DRILLED: August 1969

ELEVATION: 834
(FT, MSL)

DEPTH: 265
(FT)



157-53-13ABC
(Log from Simpson, 1929)

Elevation: 825 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-------------------------------------|-------------------------|---------------------|
| | Soil----- | 3 | 3 |
| | Yellow clay----- | 10 | 13 |
| | Blue clay----- | 90 | 103 |
| | Gravelly clay----- | 30 | 133 |
| | Quicksand----- | 22 | 155 |
| | Hardpan----- | 40 | 195 |
| | Sand and gravel----- | 30 | 225 |
| | Sand----- | 20 | 245 |
| | Red shale----- | 20 | 265 |
| | Limestone----- | 2 | 267 |
| | Red shale----- | 30 | 297 |
| | White sandstone----- | 60 | 357 |
| | Blue shale----- | 3 | 360 |
| | Red shale----- | 3 | 363 |
| | Limestone----- | 4 | 367 |
| | Red shale and lime----- | 23 | 390 |
| | Limestone----- | 310 | 700 |
| | Red shale and lime----- | 45 | 745 |
| | Gray shale, hard----- | 40 | 785 |
| | Greenish-blue shale----- | 95 | 880 |
| | Dark red shale, gritty (sandy)----- | 20 | 900 |
| | White sandstone----- | 3 | 903 |
| | Gray granite----- | 9 | 912 |

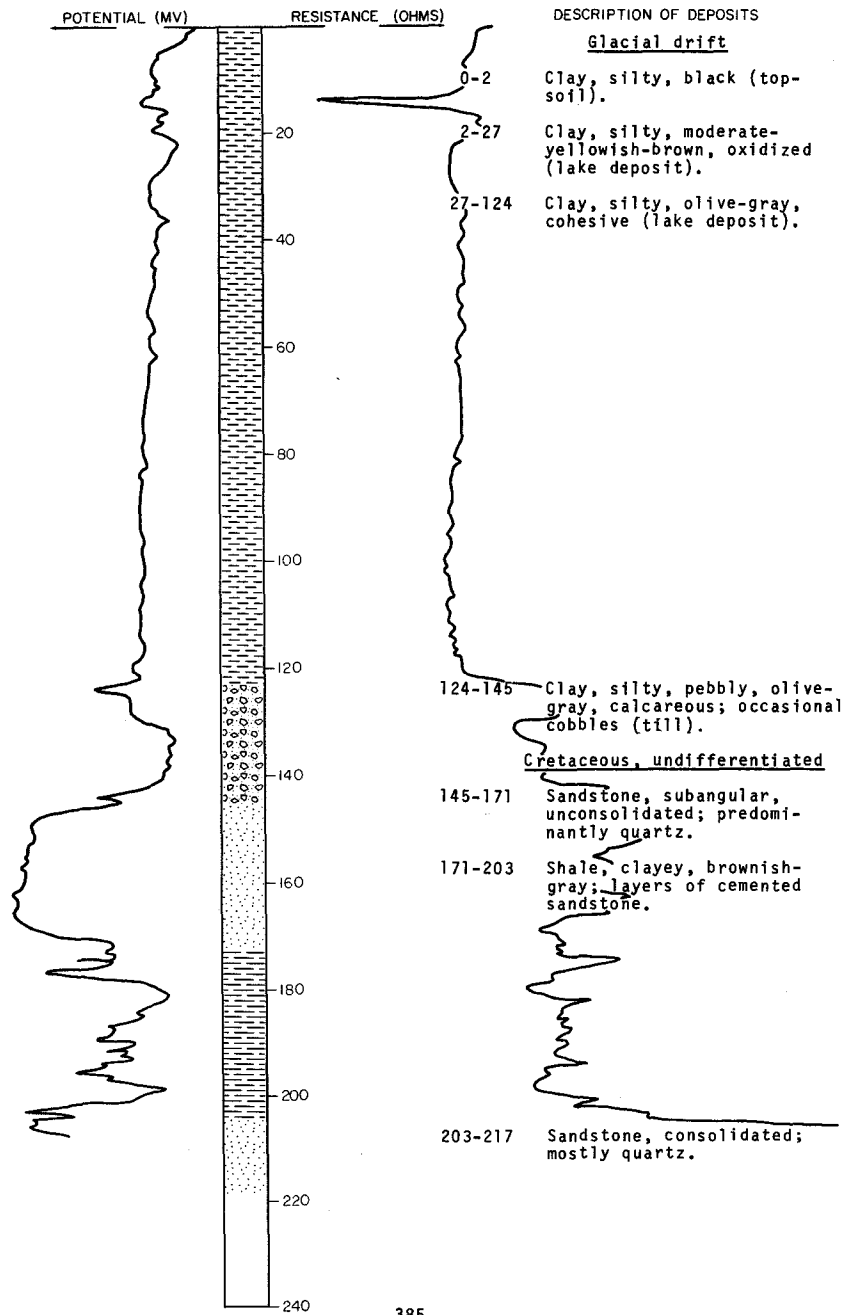
LOCATION: 157-53-16CCC

NDSWC 5434

DATE DRILLED: August 1969

ELEVATION: 842
(FT, MSL)

DEPTH: 217
(FT)



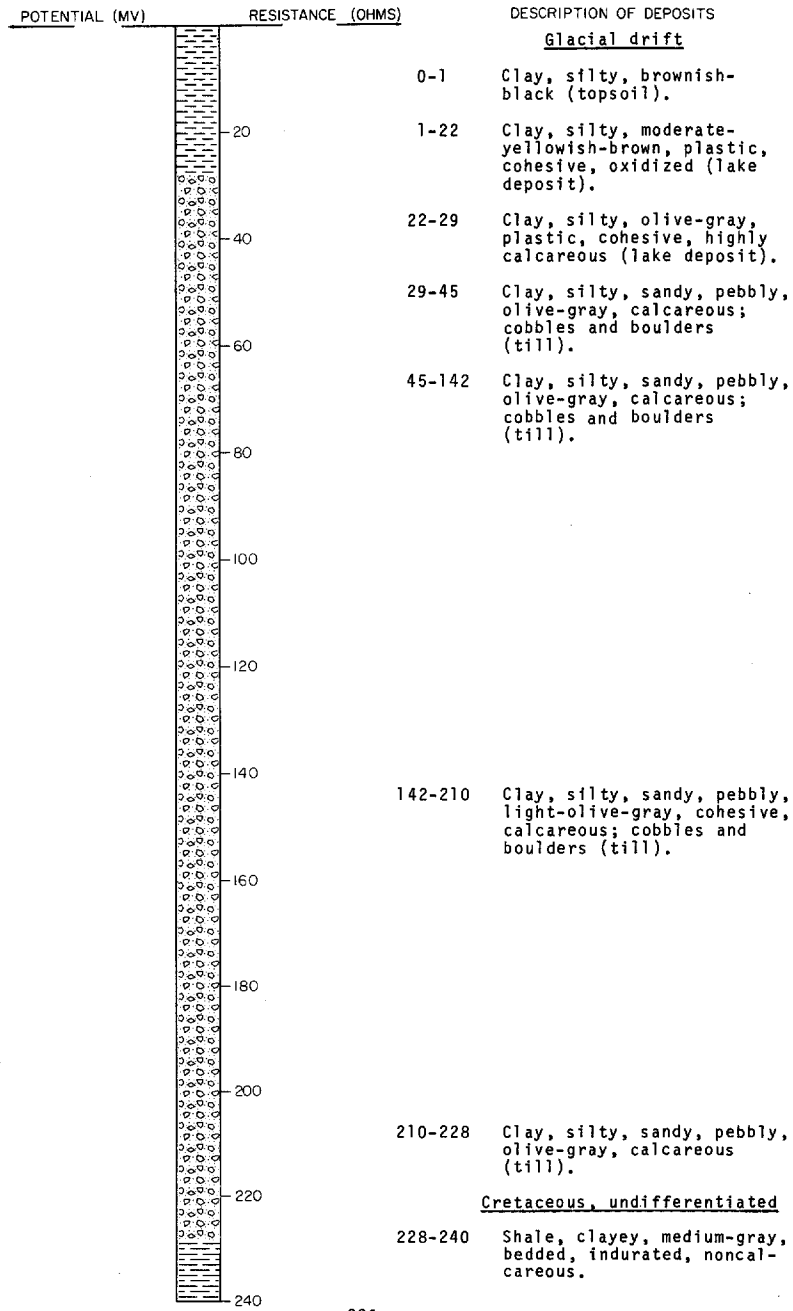
LOCATION: 157-54-21CCC

NDSWC 5702

DATE DRILLED: June 1970

ELEVATION: 897
(FT, MSL)

DEPTH: 240
(FT)

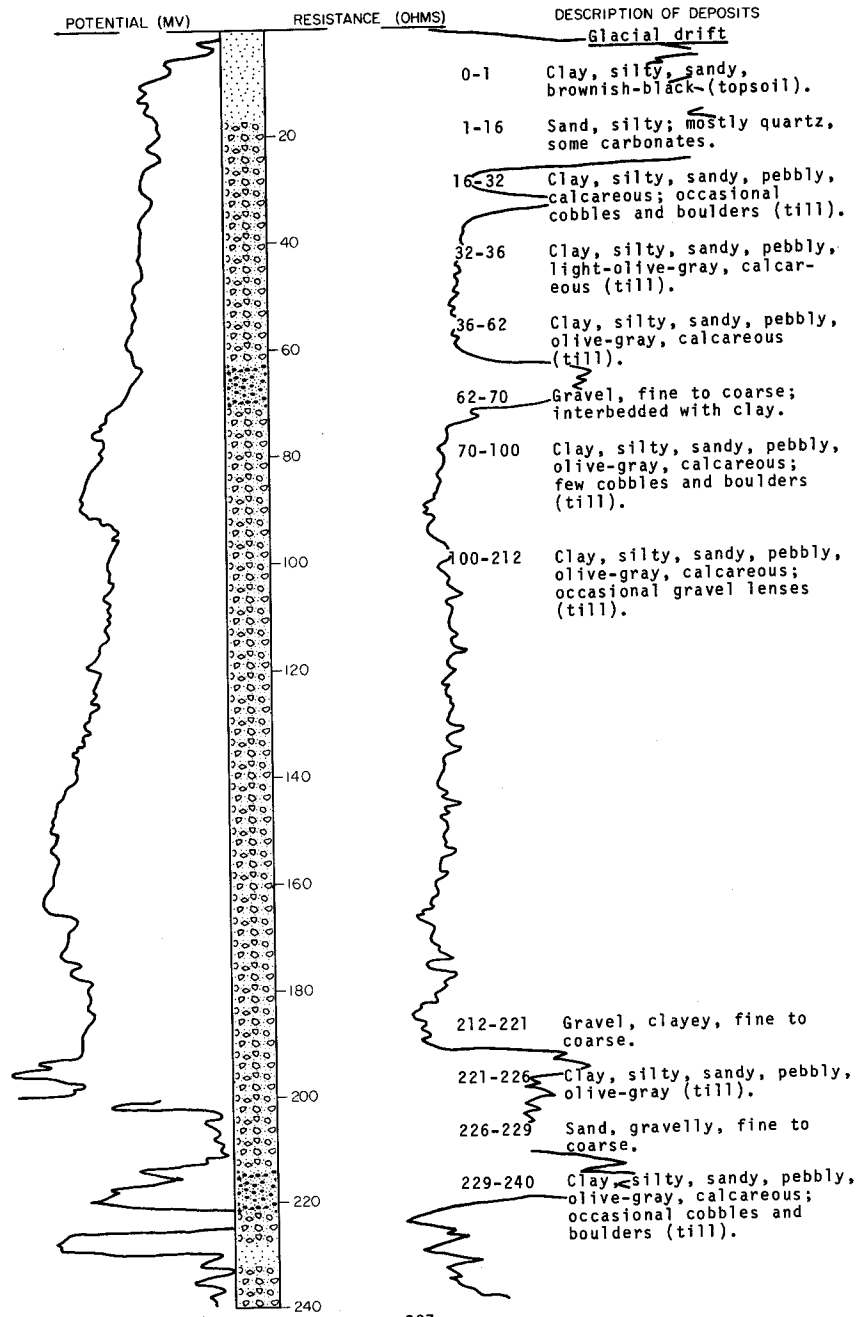


LOCATION: 157-55-5BBB

DATE DRILLED: August 1969

ELEVATION: 1067
(FT, MSL)

DEPTH: 280
(FT)



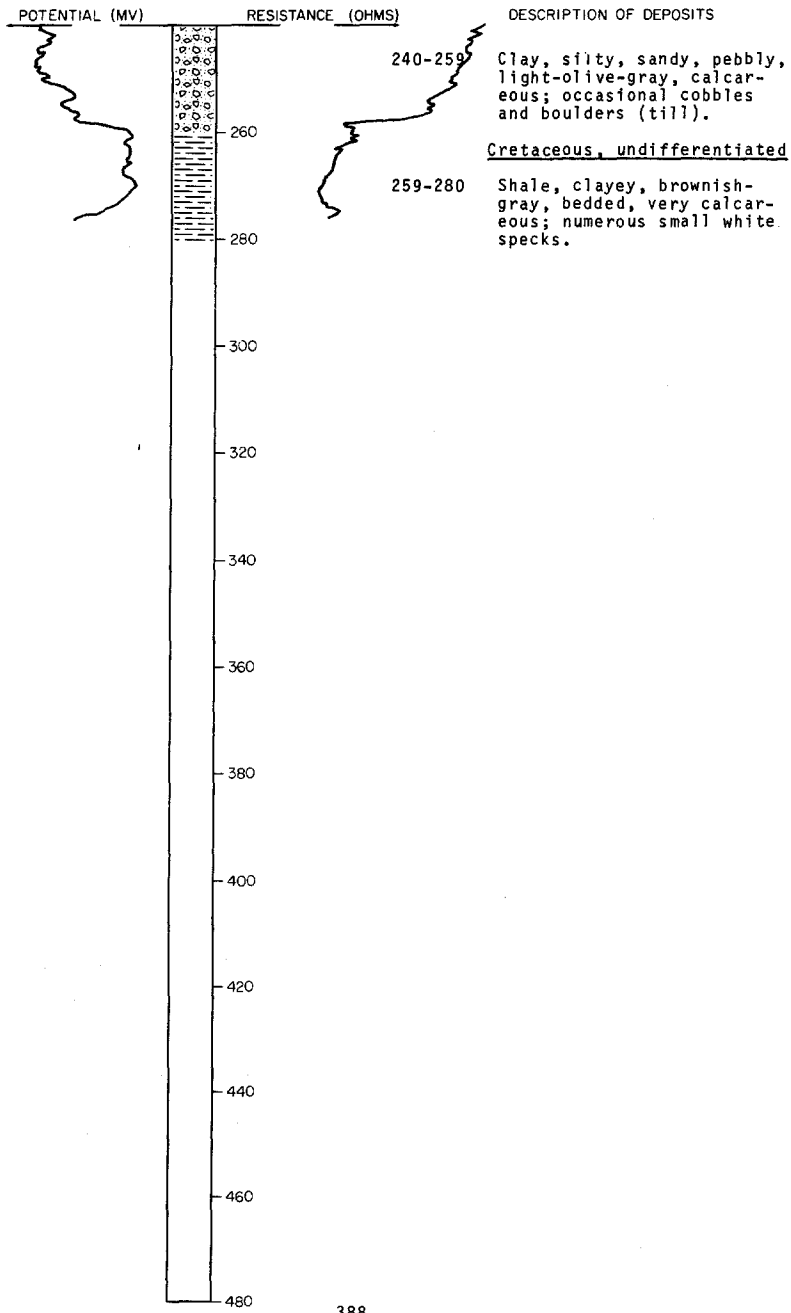
LOCATION: 157-55-5888

NDSWC 5380, Continued

DATE DRILLED: August 1969

ELEVATION: 1067
(FT, MSL)

DEPTH: 280
(FT)



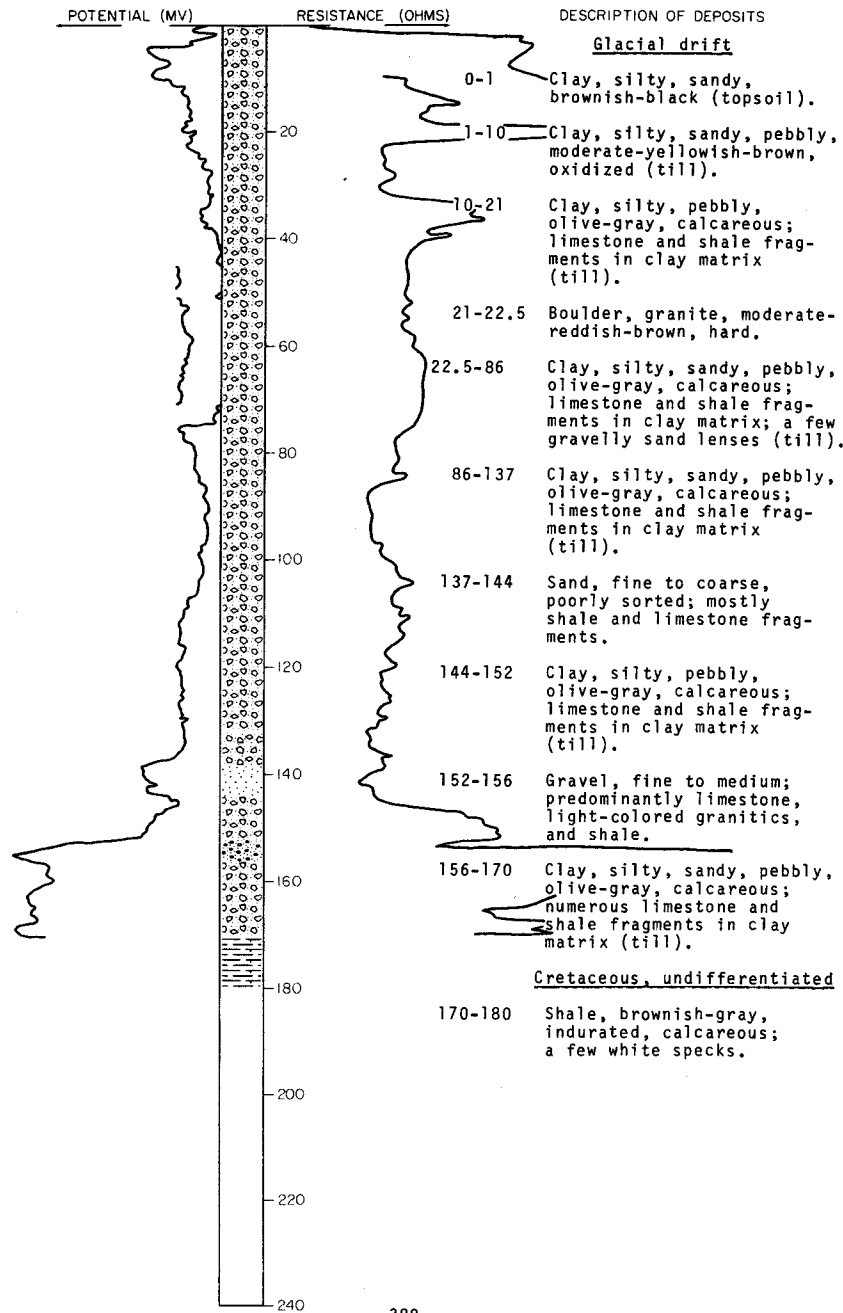
LOCATION: 157-55-15ADA

NDSWC 5022

DATE DRILLED: July 1968

ELEVATION: 940
(FT, MSL)

DEPTH: 180
(FT)



157-55-16ACC
(Log from U.S. Air Force)

Elevation: 992 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------------------------|-------------------------|---------------------|
| | Sand, fine, clayey----- | 8 | 8 |
| | Clay, silty; with sand lenses----- | 122.3 | 130.3 |

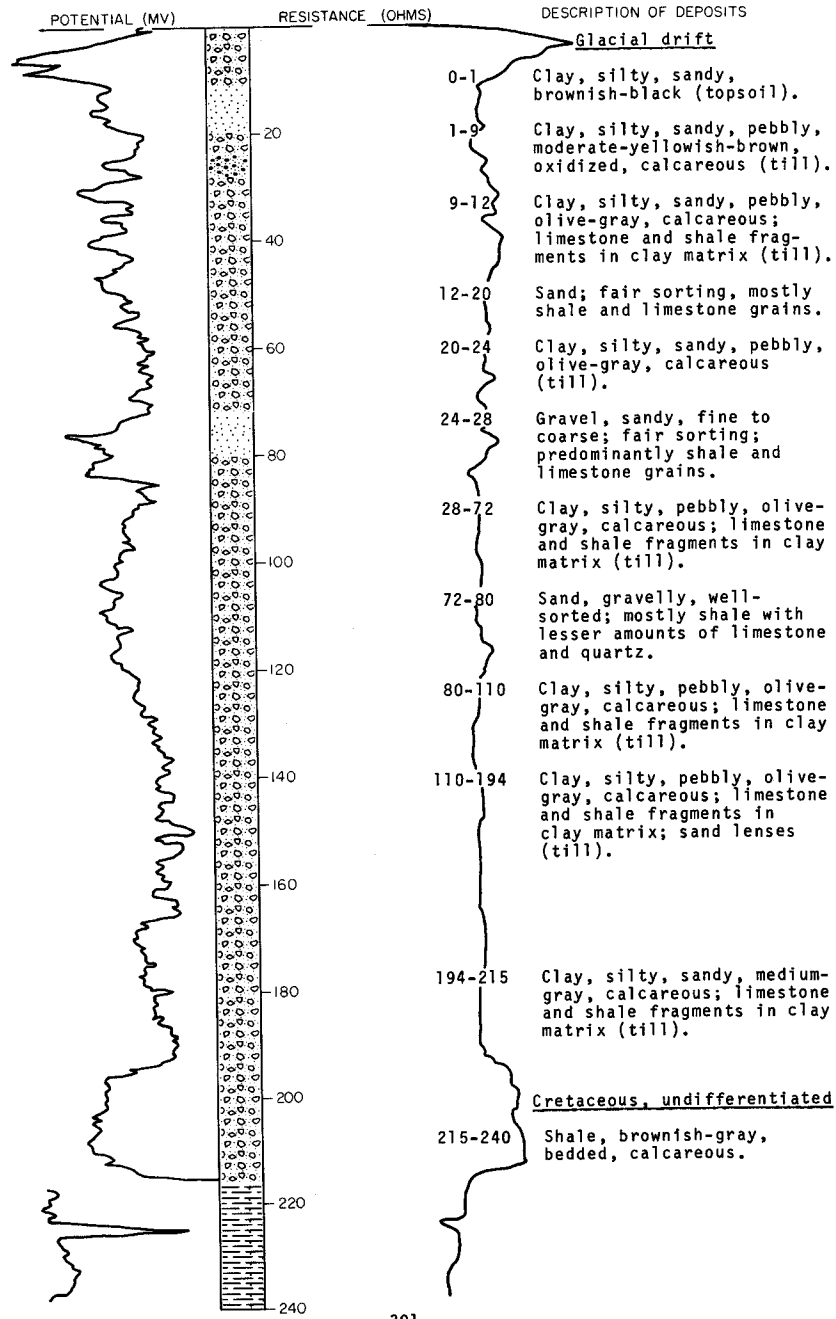
LOCATION: 157-55-21888

NDSWC 5021

DATE DRILLED: July 1968

ELEVATION: 1022
(FT, MSL)

DEPTH: 240
(FT)



157-55-22DDD1
(Log from Porter Well Drilling)

Elevation: 963 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Clay, silty----- | 11 | 11 |
| | Clay, sandy----- | 9 | 20 |
| | Sand----- | 15 | 35 |

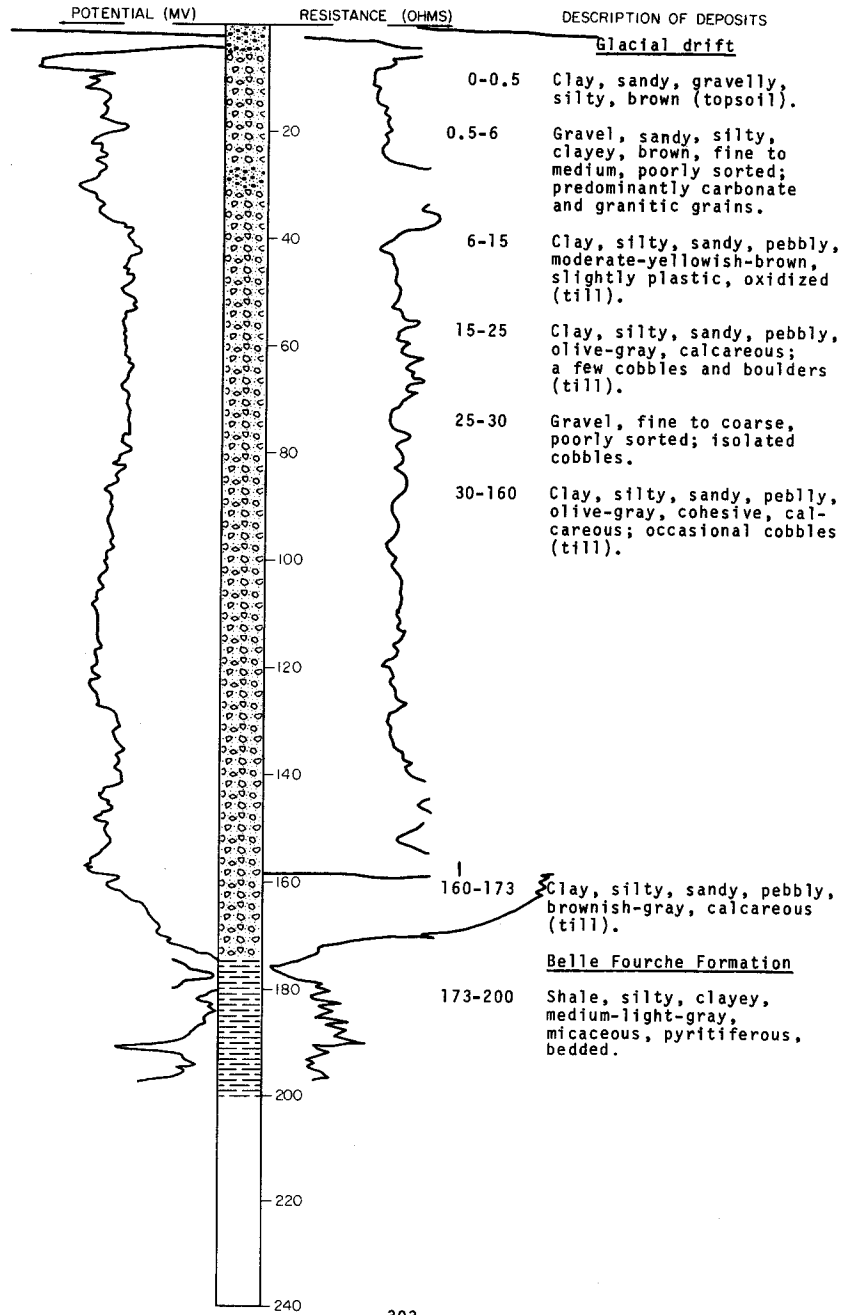
LOCATION: 157-55-23CBB

NDSWC 5379

DATE DRILLED: August 1969

ELEVATION: 942
(FT, MSL)

DEPTH: 200
(FT)



157-55-29ADD
(Log from Frederickson's, Inc.)

Elevation: 1030 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil, black----- | 2 | 2 |
| | Clay, brown----- | 10 | 12 |
| | Sandy clay, blue----- | 135 | 147 |
| | Hard sandy clay and limestone, blue----- | 39 | 186 |
| | Hard sandy clay, shale mixed, blue----- | 44 | 230 |
| | Hard sticky shale, blue----- | 26 | 256 |
| | Hard shale, blue----- | 42 | 298 |
| | Hard shale and sand, gray----- | 52 | 350 |
| | Dirty (silty) sandstone, white----- | 11 | 361 |
| | Hard shale, gray----- | 40 | 401 |
| | Dirty (silty) sandstone, white----- | 16 | 417 |
| | Sandstone, white----- | 16 | 433 |
| | Soft shale, gray----- | 4 | 437 |

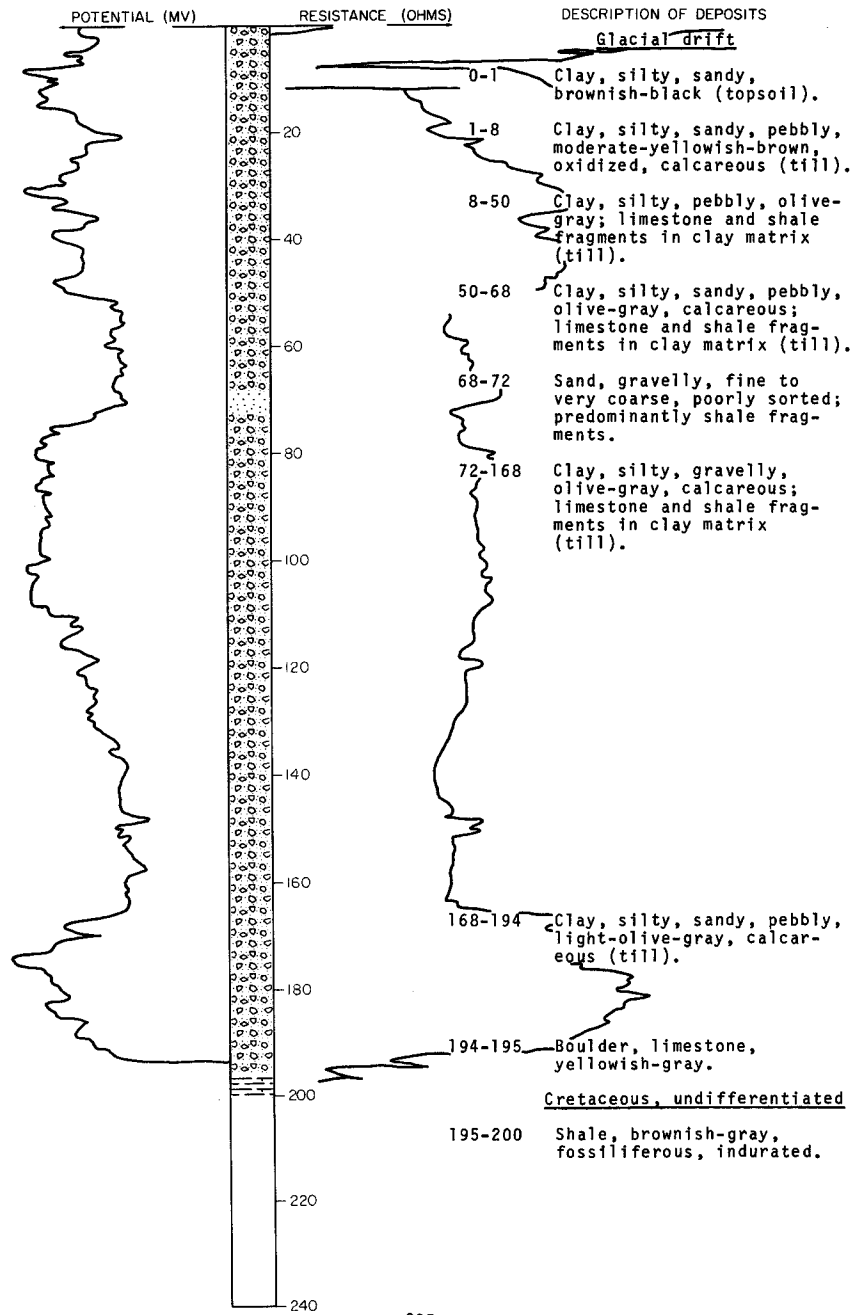
LOCATION: 157-55-35BBB

NDSWC 5023

DATE DRILLED: July 1968

ELEVATION: 965
(FT, MSL)

DEPTH: 200
(FT)



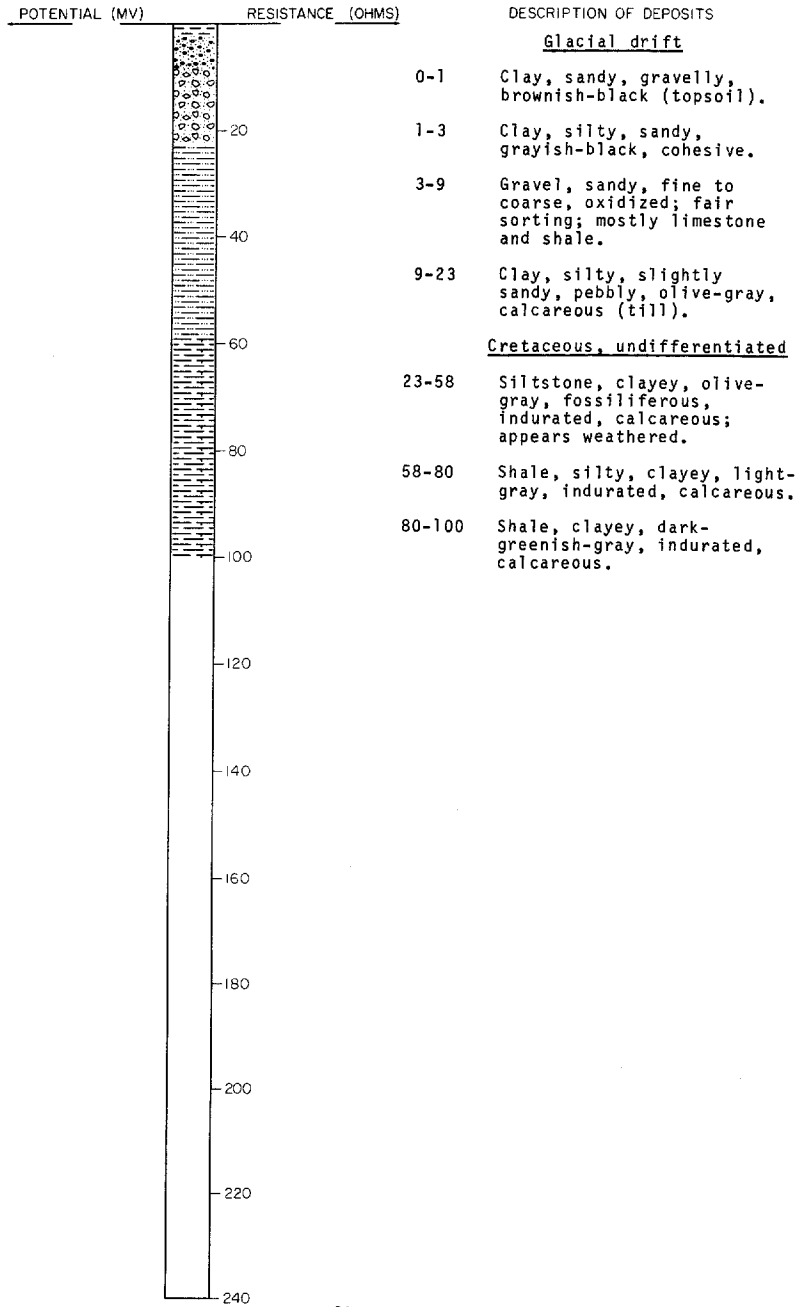
LOCATION: 157-56-7AAA

NDSWC 2921

DATE DRILLED: May 1968

ELEVATION: 1350
(FT, MSL)

DEPTH: 100
(FT)



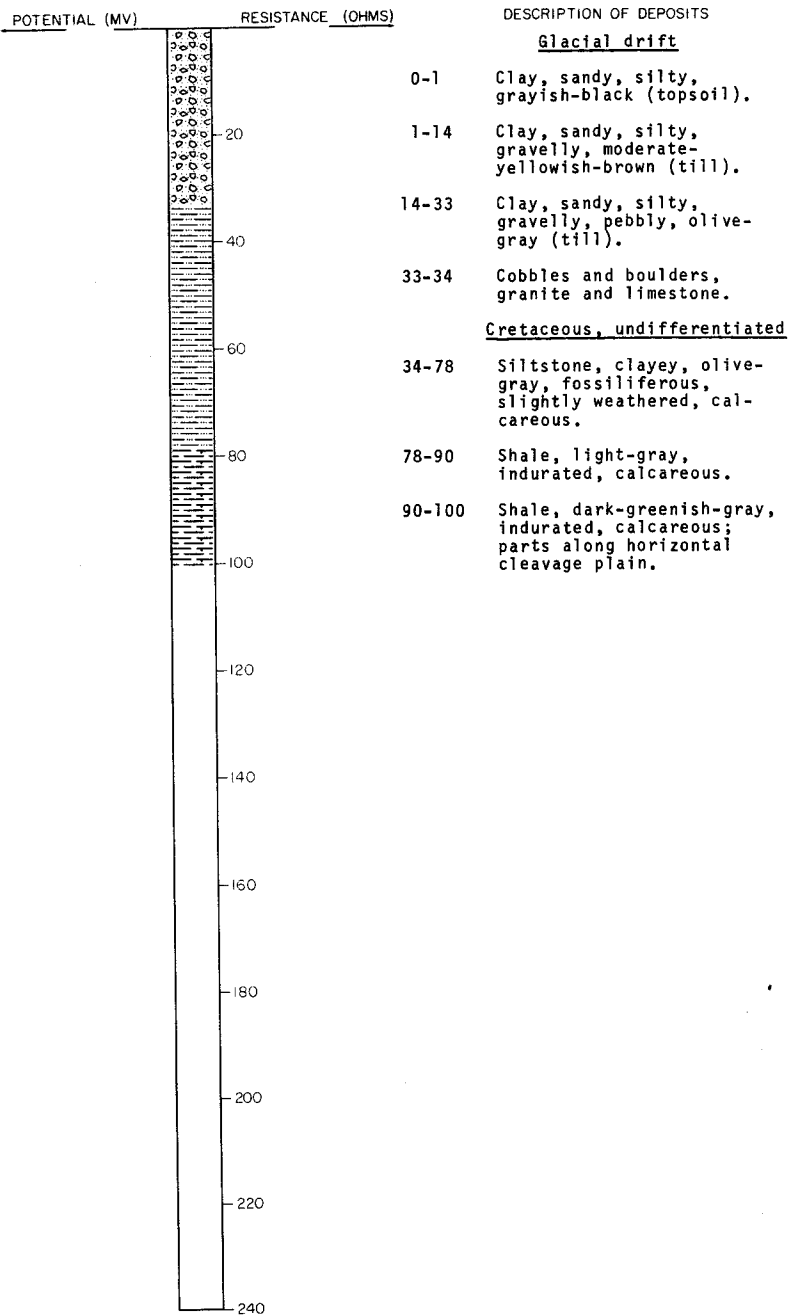
LOCATION: 157-56-8CCC

NDSWC 2920

DATE DRILLED: May 1968

ELEVATION: 1300
(FT, MSL)

DEPTH: 100
(FT)



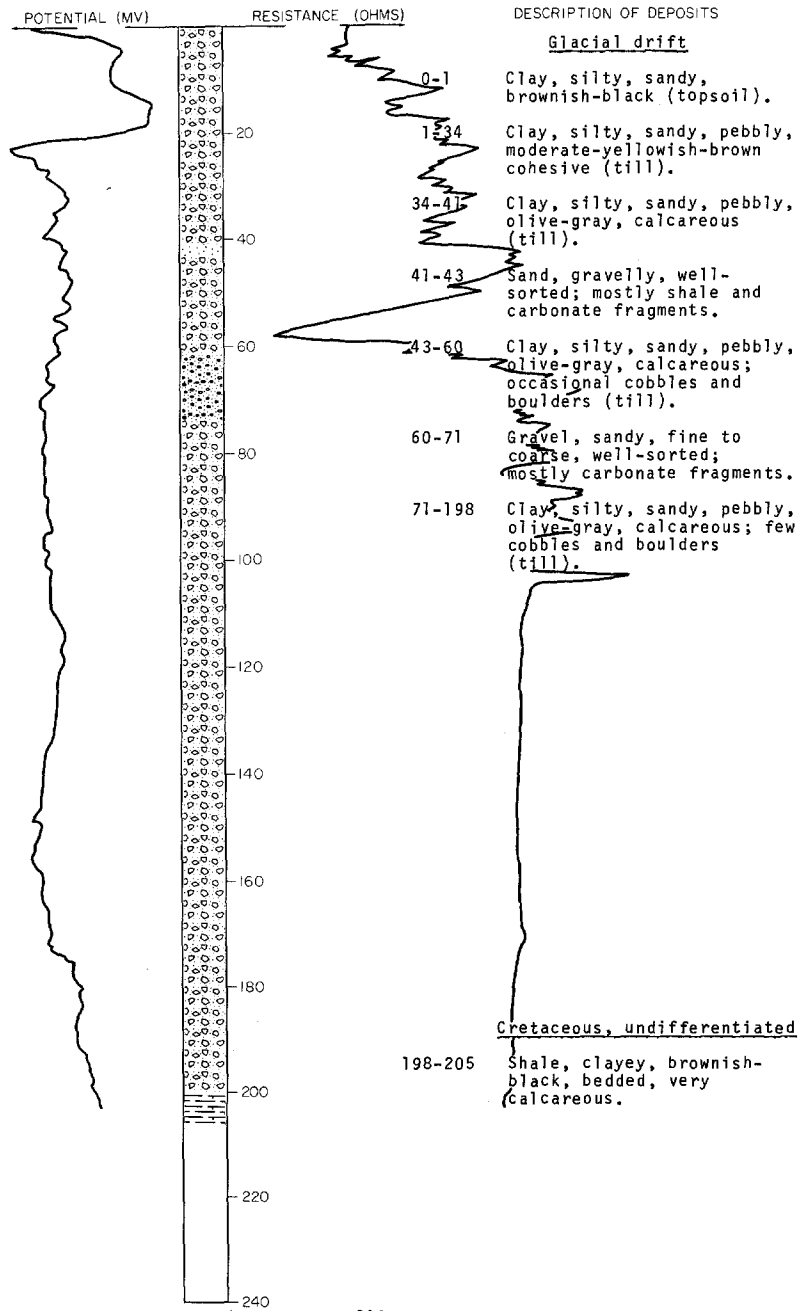
LOCATION: 157-56-9AAA

NDSWC 5431

DATE DRILLED: August 1969

ELEVATION: 1232
(FT, MSL)

DEPTH: 205
(FT)

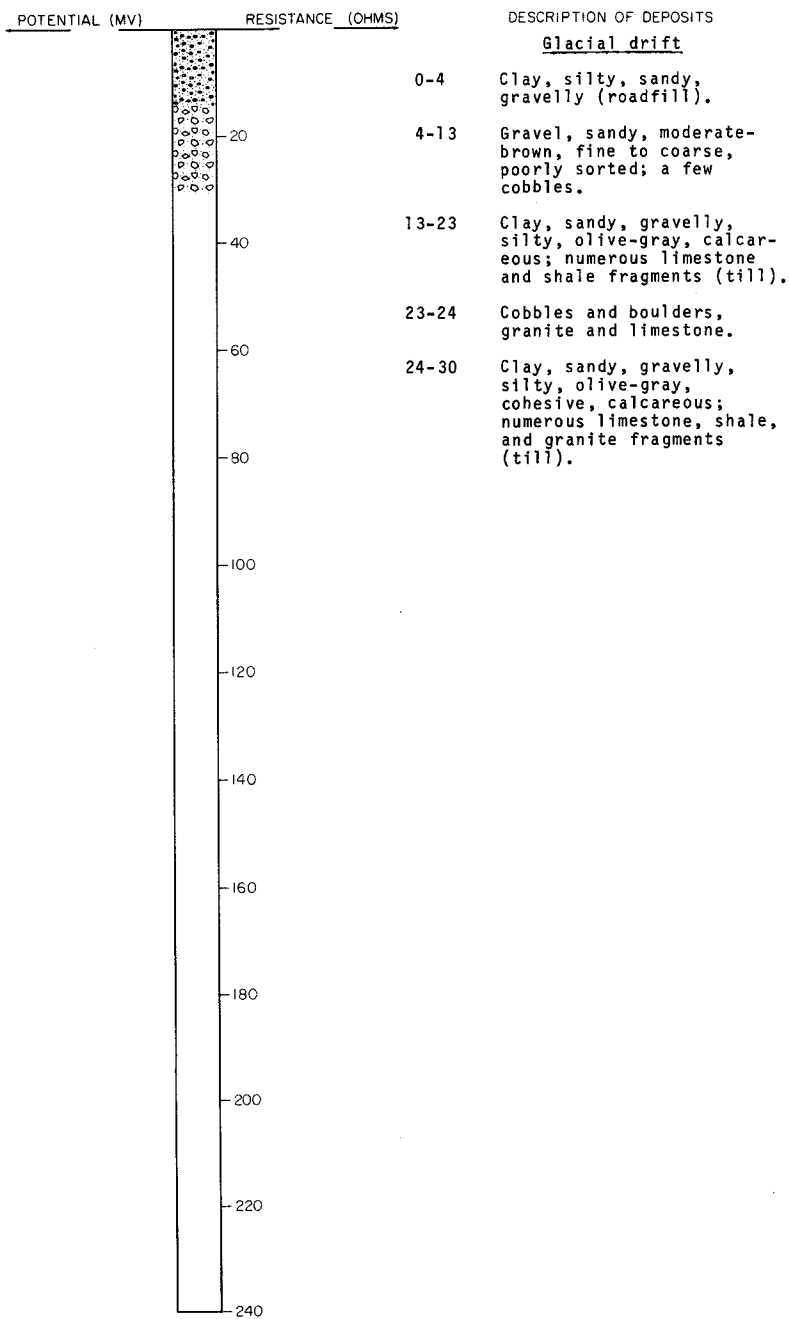


LOCATION: 157-56-98BB

DATE DRILLED: May 1968

ELEVATION: 1190
(FT, MSL)

DEPTH: 30
(FT)



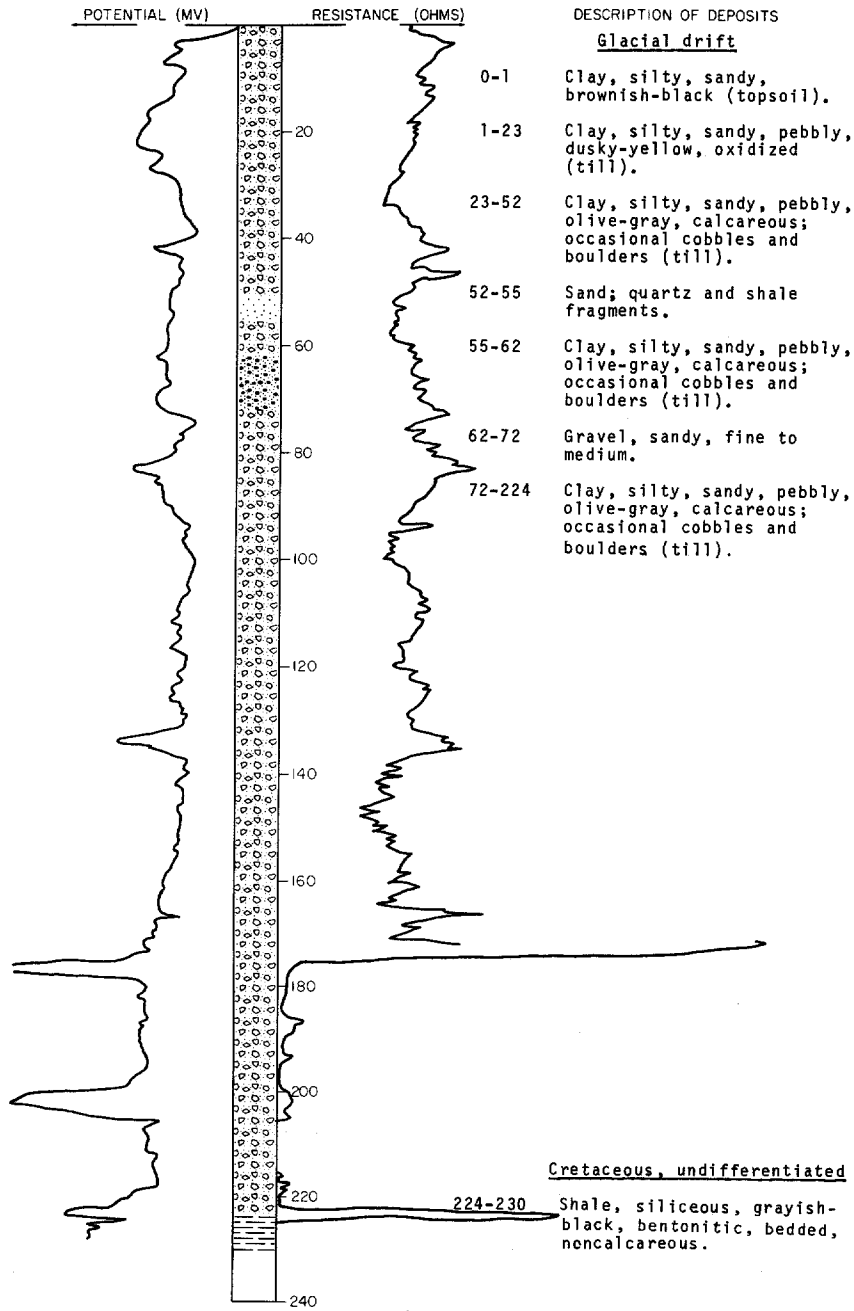
LOCATION: 157-56-10AAA

NDSWC 5430

DATE DRILLED: August 1969

ELEVATION: 1197
(FT, MSL)

DEPTH: 230
(FT)



157-56-10AAD
(Log from owner)

Elevation: 1210 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------|-------------------------|---------------------|
| | Clay----- | 36 | 36 |
| | Clay, silty----- | 5 | 41 |
| | Sand, gravelly----- | 15 | 56 |

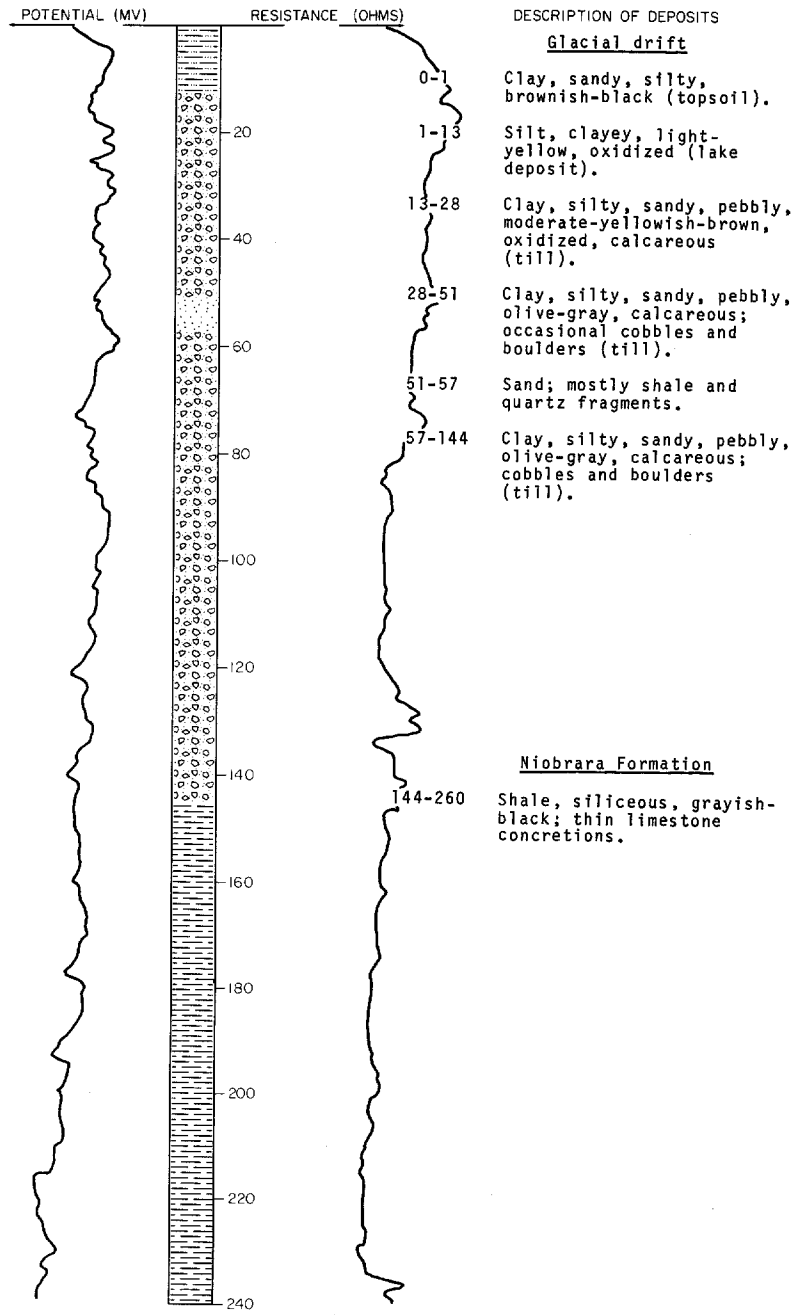
LOCATION: 157-56-14BBB

NDSWC 5429

DATE DRILLED: August 1969

ELEVATION: 1212
(FT, MSL)

DEPTH: 260
(FT)



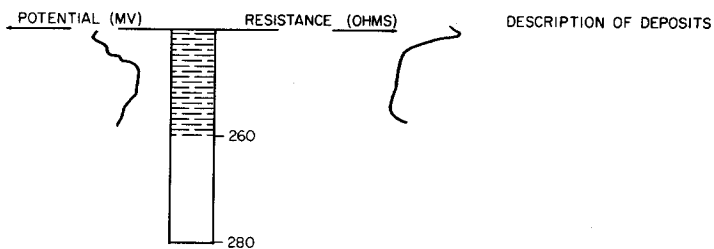
LOCATION: 157-56-14BBB

NDSWC 5429, Continued

DATE DRILLED: August 1969

ELEVATION: 1212
(FT, MSL)

DEPTH: 260
(FT)



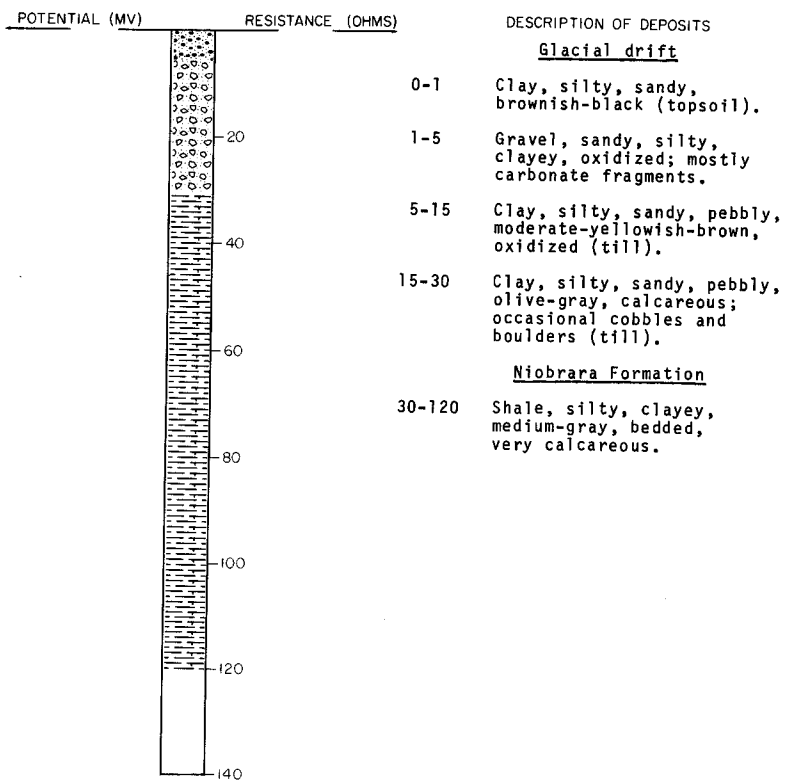
LOCATION: 157-56-19AAA

NDSWC 5433

DATE DRILLED: August 1969

ELEVATION: 1310
(FT, MSL)

DEPTH: 120
(FT)



157-56-20CDD
(Log from U.S. Air Force)

Elevation: 1250 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-----------------------------------|------------------|--------------|
| | Clay, silty----- | 9 | 9 |
| | Sand, fine to coarse, clayey----- | 4 | 13 |
| | Silt and clay----- | 38 | 51 |
| | Sand, fine to coarse, silty----- | 7 | 58 |
| | Shale----- | 72 | 130 |

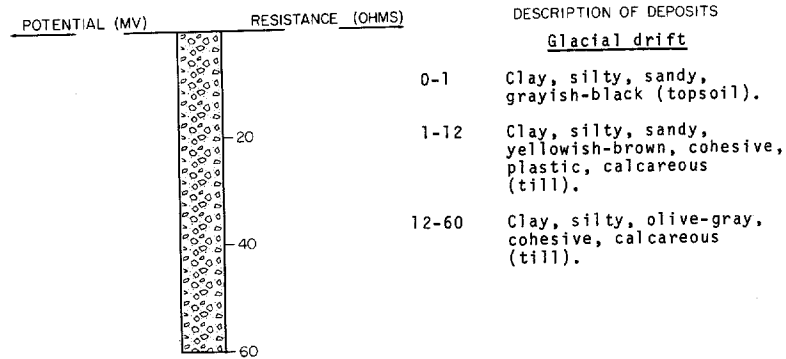
NDSWC 2785

LOCATION: 157-56-20DCD

DATE DRILLED: August 1967

ELEVATION: 1250
(FT, MSL)

DEPTH: 60
(FT)



157-56-22DCA
(Log from U.S. Air Force)

Elevation: 1210 ft

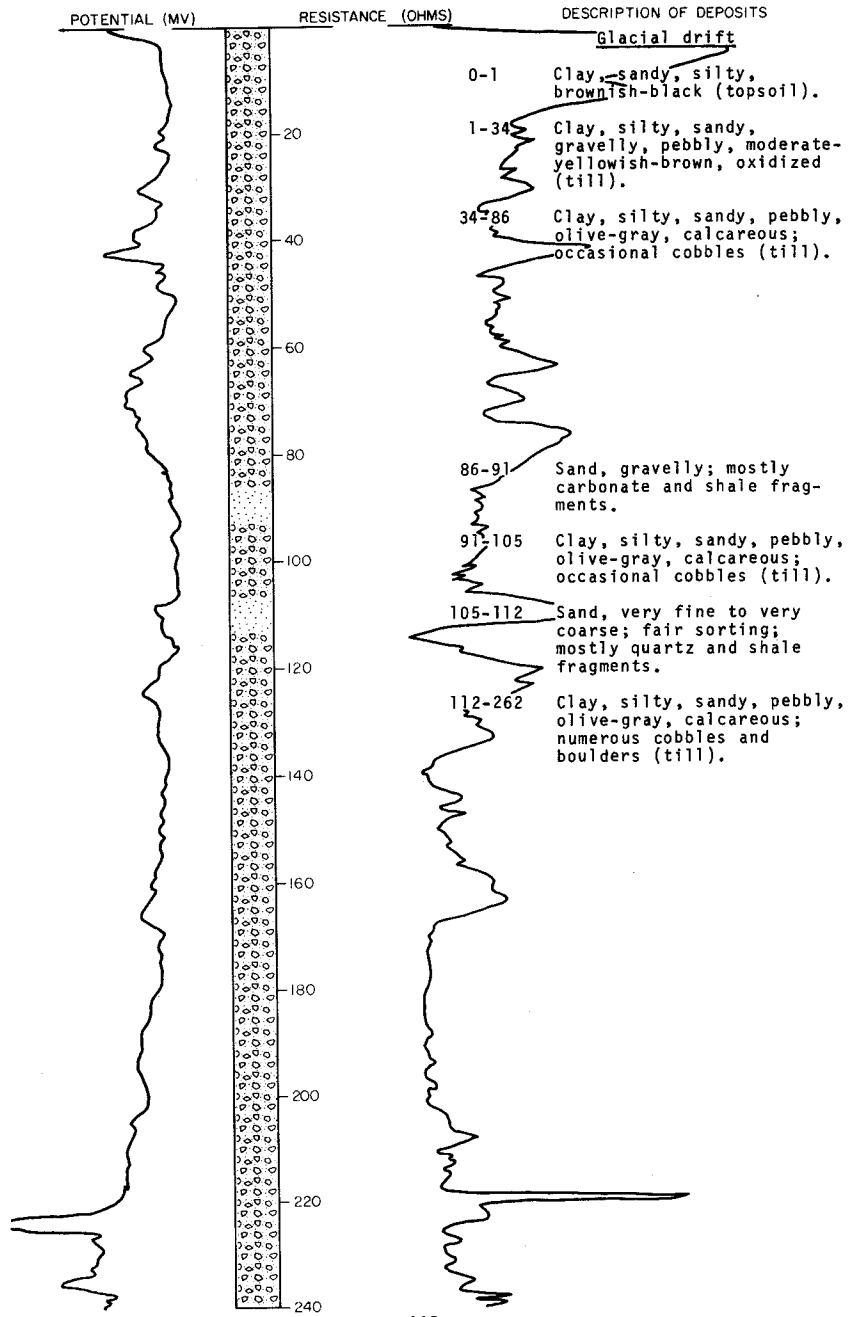
| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-------------------------------------|------------------|--------------|
| | Silt, sandy, organic----- | 2 | 2 |
| | Clay and silt, sandy----- | 16 | 18 |
| | Clay, sand, and shale----- | 13.5 | 31.5 |
| | Silt, clayey, sandy----- | 4.5 | 36 |
| | Gravel, sandy----- | 12 | 48 |
| | Clay, silty, sandy----- | 5 | 53 |
| | Sand, gravelly, silty----- | 2 | 55 |
| | Clay, gravelly, sandy to silty----- | 19 | 74 |
| | Silt, clayey----- | 15 | 89 |
| | Clay, silty, sandy----- | 9 | 98 |
| | Silt, clay, and sand----- | 32 | 130 |

LOCATION: 157-56-22DDD

DATE DRILLED: August 1969

ELEVATION: 1215
(FT, MSL)

DEPTH: 270
(FT)



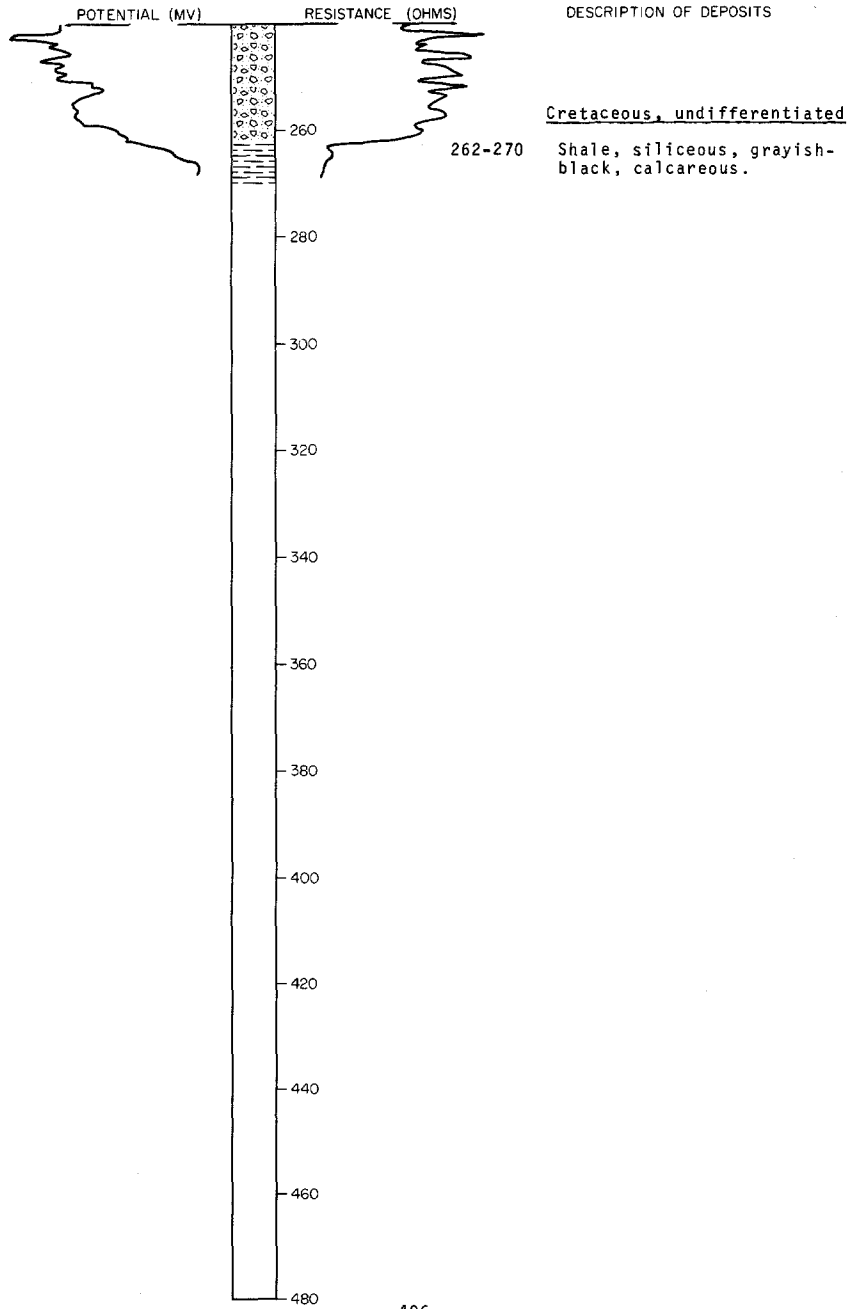
LOCATION: 157-56-22DDD

NDSWC 5428, Continued

DATE DRILLED: August 1969

ELEVATION: 1215
(FT, MSL)

DEPTH: 270
(FT)



157-56-30AB
 NDGS PR2
 (Log from Carlson, 1964)

Elevation: 1273 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Glacial drift----- | 23 | 23 |
| | Shale, medium-light-gray to light-gray, contains some white specks, very calcareous, slightly bentonitic, slightly micaceous (Niobrara Formation)----- | 3 | 26 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 4 | 30 |
| | Shale, medium-gray, no white specks, moderately calcareous; and shale, as above----- | 1 | 31 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 16 | 47 |
| | Shale, light-gray, contains abundant white specks, very calcareous, slightly bentonitic----- | 1 | 48 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 30 | 78 |
| | Shale, medium-light-gray, no white specks, very calcareous, moderately bentonitic----- | 1 | 79 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 9 | 88 |
| | Shale as above, and some shale medium-light-gray, moderately bentonitic, no white specks, very calcareous----- | 1 | 89 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 4 | 93 |
| | Shale as above; with a thin micaceous layer----- | 1 | 94 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 7 | 101 |
| | Shale as above; with scattered shell fragments----- | 4 | 105 |
| | Shale, medium-light-gray, no white specks, moderately calcareous, slightly bentonitic----- | 1 | 106 |
| | Shale, light-gray, no white specks, very calcareous, contains scattered pyrite nodules----- | 1 | 107 |
| | Shale as above, but slightly micaceous-- | 3 | 110 |
| | Shale, very light gray, no white specks, very calcareous, some pyrite nodules and stemlike concretions, slightly micaceous, slightly bentonitic, moderately calcareous----- | 9 | 119 |
| | Shale, medium-light-gray, no white specks, slightly micaceous, slightly bentonitic, moderately calcareous----- | 11 | 130 |

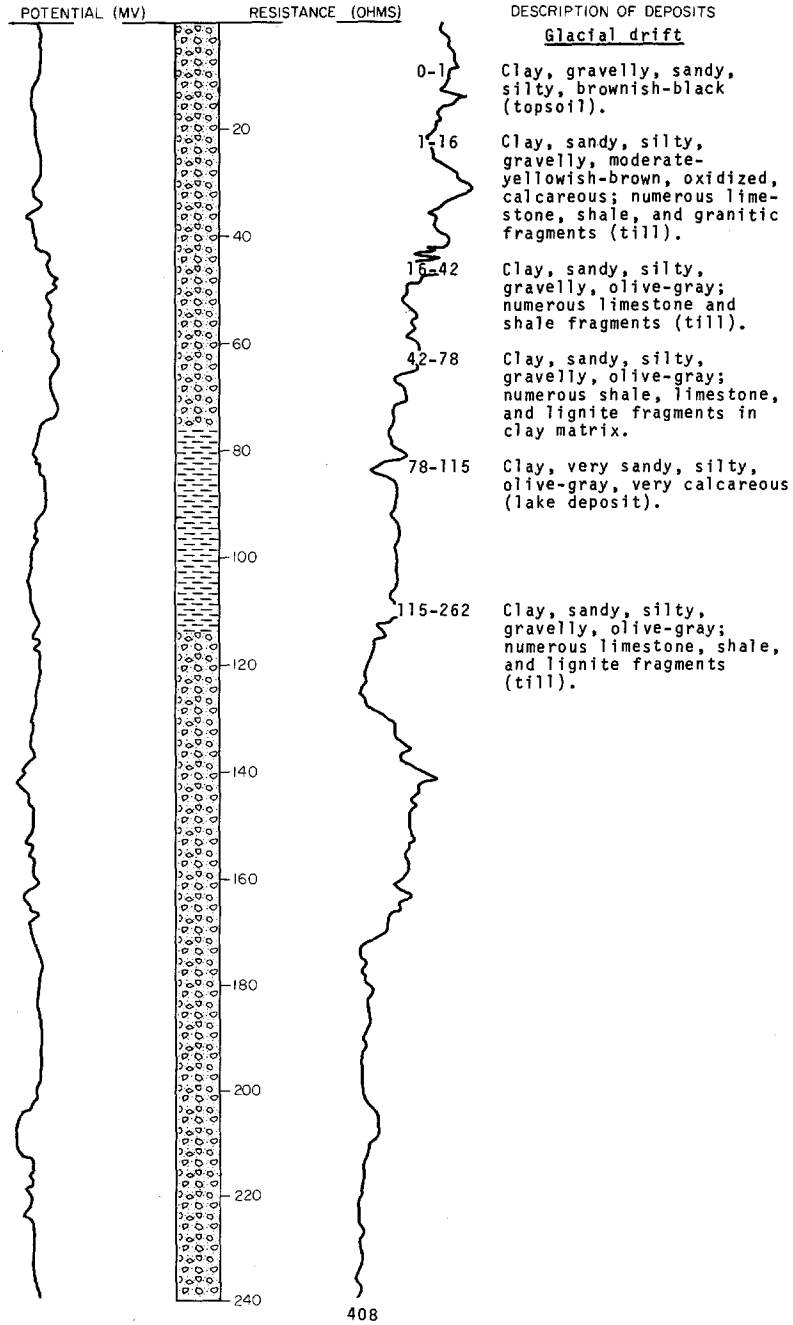
LOCATION: 157-56-36CCC

NDSWC 2929

DATE DRILLED: May 1968

ELEVATION: 1230
(FT, MSL)

DEPTH: 340
(FT)



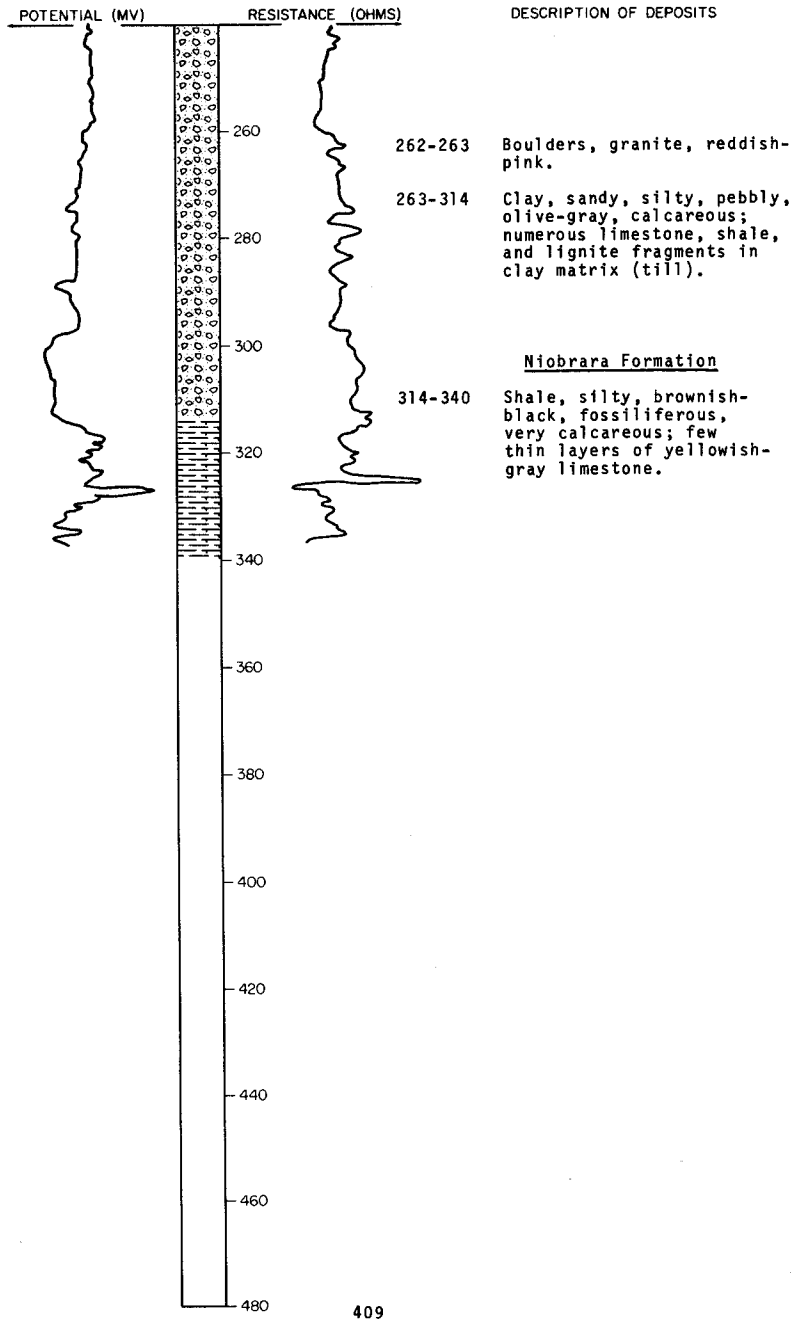
NDSWC 2929, Continued

LOCATION: 157-56-36CCC

DATE DRILLED: May 1968

ELEVATION: 1230
(FT, MSL)

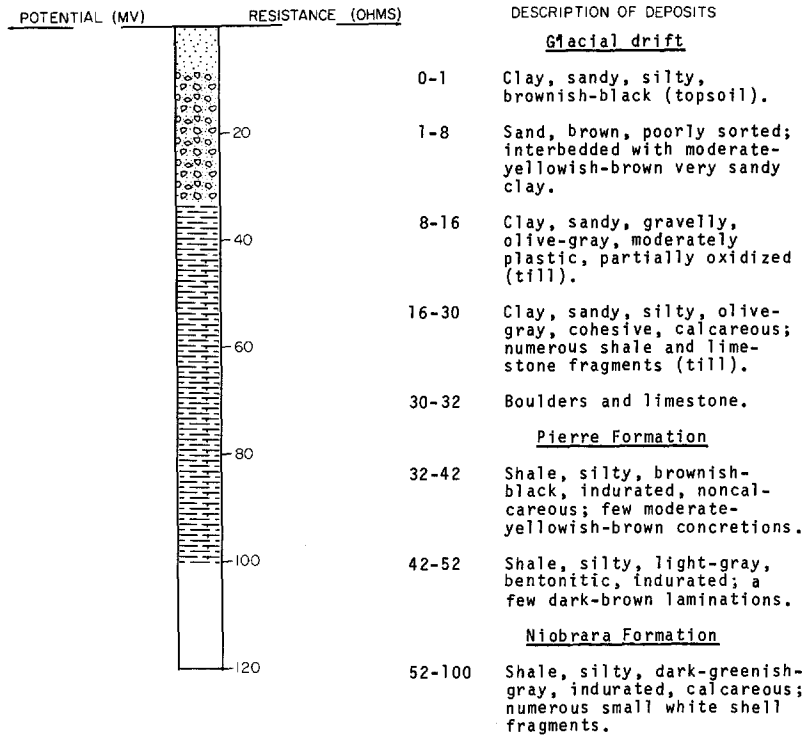
DEPTH: 340
(FT)



LOCATION: 157-57-12AAA
 ELEVATION: 1310
 (FT, MSL)

NDSWC 2922

DATE DRILLED: May 1968
 DEPTH: 100
 (FT)



157-57-21CBD
 (Log from U.S. Air Force)

Elevation: 1525 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Clay, silty----- | 8 | 8 |
| | Shale----- | 122 | 130 |

157-57-25AA
 NDGS PR1
 (Log from Carlson, 1964)

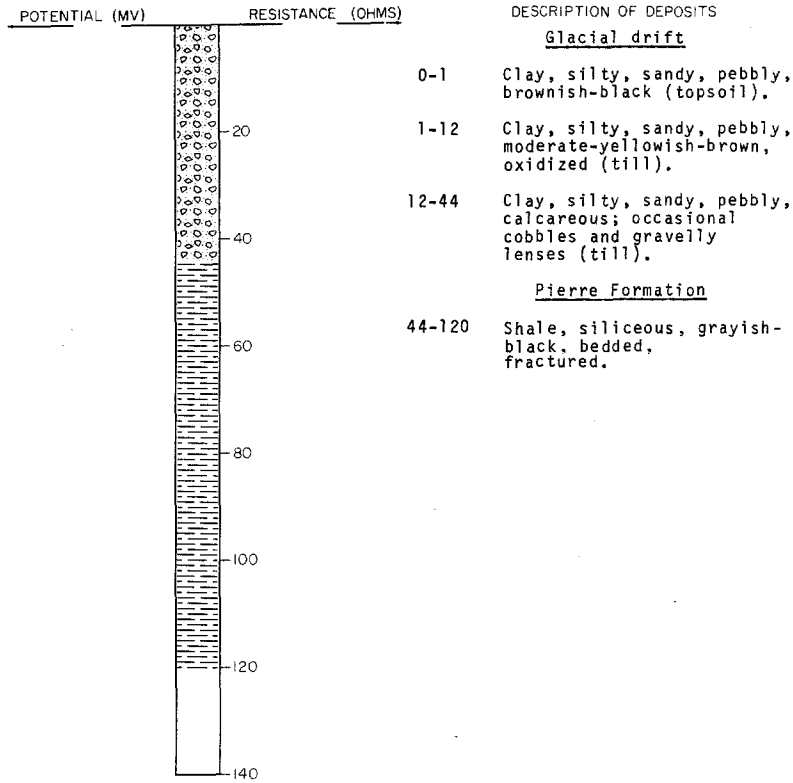
Elevation: 1313 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Glacial drift----- | 18 | 18 |
| | Shale, medium-dark-gray to medium-gray, a few thin bentonite layers (Pierre Formation)----- | 33 | 51 |
| | Fuller's earther beds, alternating dark-gray and light-gray bands of bentonite----- | 5 | 56 |
| | Shale, medium-gray, slightly bentonitic (Niobrara Formation)----- | 1 | 57 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 5 | 62 |
| | Shale, medium-light-gray to light-gray, bentonitic, contains small pyrite nodules, noncalcareous----- | 2 | 64 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 4 | 68 |
| | Shale, medium-gray, slightly bentonitic, noncalcareous----- | 2 | 70 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 2 | 72 |
| | Shale as above, with a thin slightly micaceous medium-gray bentonitic layer and a thin yellowish-gray band of bentonite----- | 2 | 74 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 2 | 76 |
| | Shale as above; and shale, medium-light-gray, slightly micaceous, slightly bentonitic, white specks inconspicuous, very calcareous----- | 2 | 78 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 70 | 148 |
| | Shale, medium-gray, no white specks, slightly bentonitic, moderately calcareous----- | 1 | 149 |
| | Shale, medium-light-gray to light-gray, no white specks, very calcareous, slightly bentonitic----- | 3 | 152 |
| | Shale, light-gray, white specks inconspicuous, slightly bentonitic, very calcareous, scattered shell fragments----- | 3 | 155 |
| | Shale, very light gray, no white specks, very calcareous, scattered pyrite nodules and stemlike concretions----- | 6 | 161 |
| | Shale, very light gray, no white specks, very calcareous, slightly bentonitic, scattered pyrite, slightly micaceous----- | 4 | 165 |
| | Shale, medium-gray, slightly micaceous, contains pyrite nodules, slightly calcareous----- | 4 | 169 |

LOCATION: 157-58-2DDD
 ELEVATION: 1560
 (FT, MSL)

NDSWC 5427

DATE DRILLED: August 1969
 DEPTH: 120
 (FT)



157-58-16DDD
 NDGS W1

Elevation: 1570 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Clay, sandy (till)----- | 20 | 20 |
| | Shale, siliceous, light-gray, hard----- | 8 | 28 |

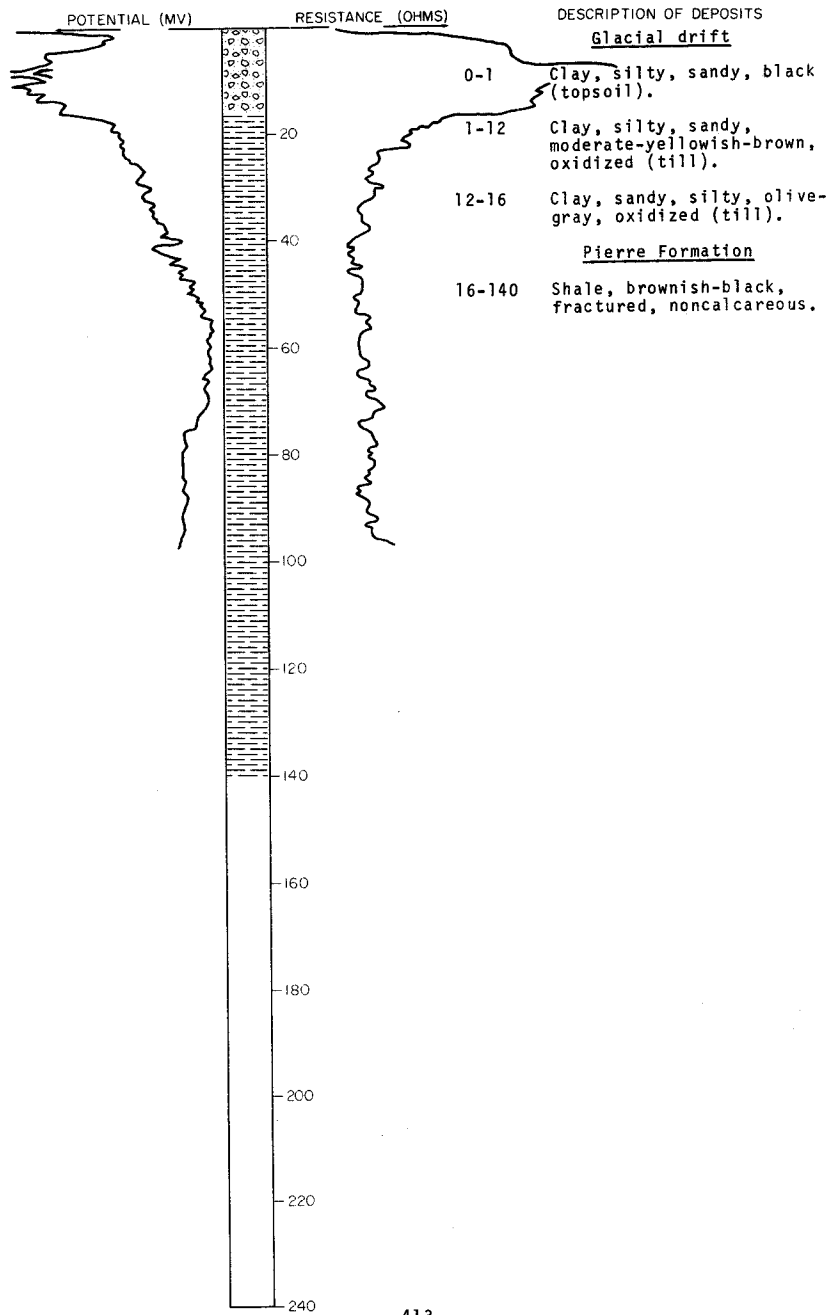
LOCATION: 157-58-18DDD

NDSWC 2956

DATE DRILLED: June 1968

ELEVATION: 1600
(FT, MSL)

DEPTH: 140
(FT)



157-59-18DCB
(Log from U.S. Air Force)

Elevation: 1560 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Clay, silty----- | 14 | 14 |
| | Shale----- | 116 | 130 |

157-59-35DCA
(Log from U.S. Air Force)

Elevation: 1550 ft

| | | | |
|--|-----------------------|-----|-----|
| | Clay, silty----- | 10 | 10 |
| | Shale, weathered----- | 6 | 16 |
| | Shale----- | 114 | 130 |

158-51-2CCC
(Log from North Dakota State Highway Dept.)

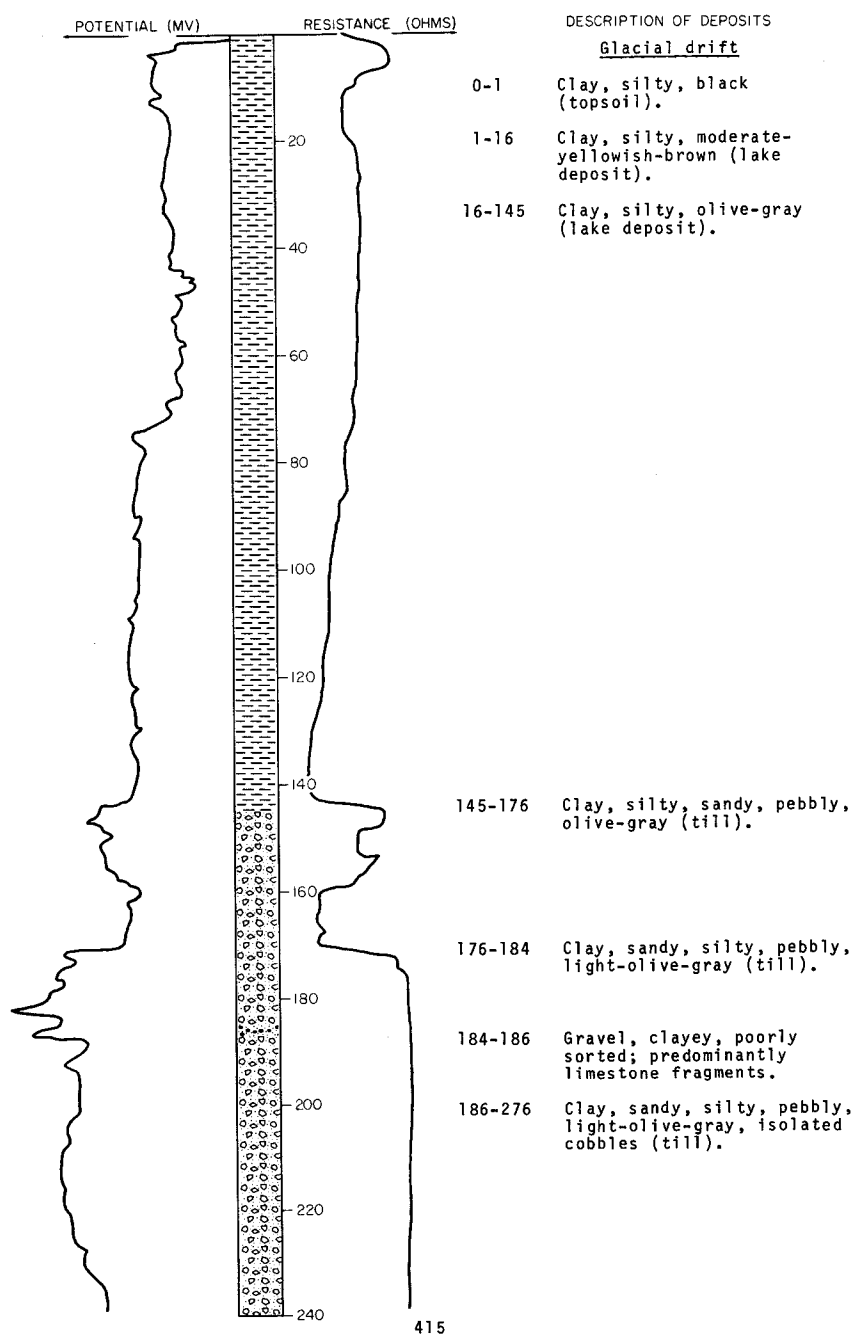
Elevation: 800.7 ft

| | | | |
|--|--------------------------------|-----|-----|
| | Clay, silty, black----- | 3 | 3 |
| | Clay, silty, sandy, brown----- | 4 | 7 |
| | Clay, silty, brown-gray----- | 13 | 20 |
| | Clay, silty, gray----- | 146 | 166 |
| | Clay, silty, sandy, gray----- | 24 | 190 |

LOCATION: 158-51-10BBB
 ELEVATION: 808
 (FT, MSL)

NDSWC 5027

DATE DRILLED: July 1968
 DEPTH: 295
 (FT)



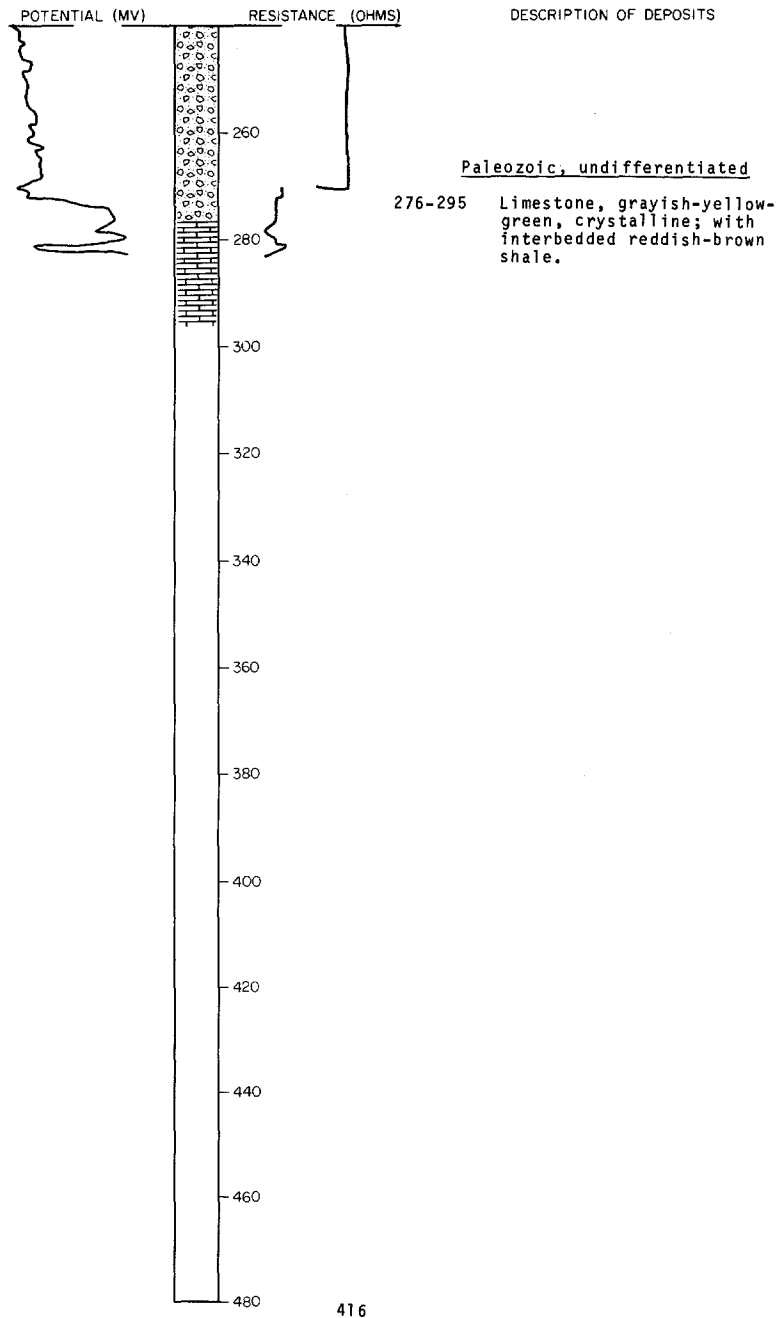
LOCATION: 158-51-10BBB

NDSWC 5027, Continued

DATE DRILLED: July 1968

ELEVATION: 808
(FT, MSL)

DEPTH: 295
(FT)



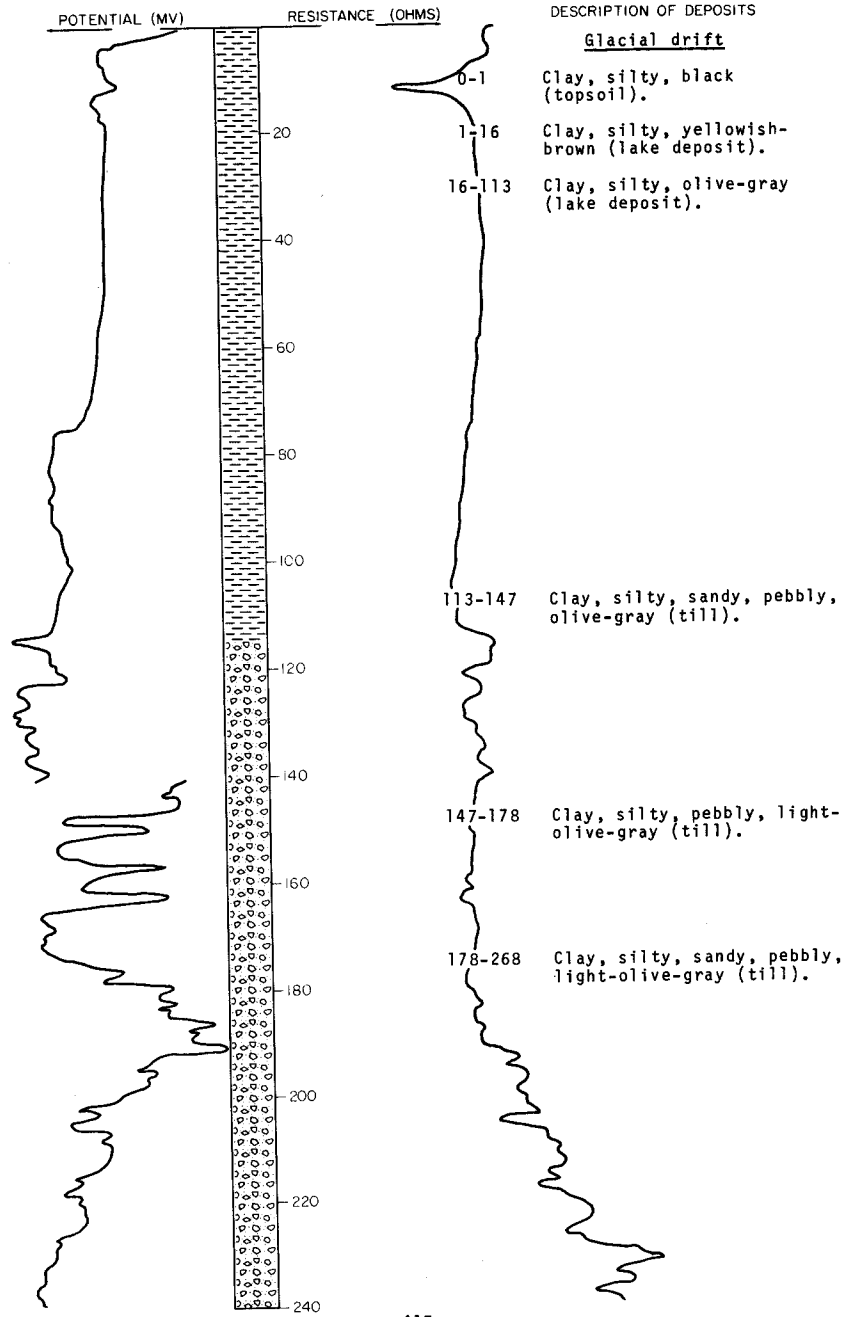
LOCATION: 158-51-17888

NDSWC 5028

DATE DRILLED: July 1968

ELEVATION: 810
(FT, MSL)

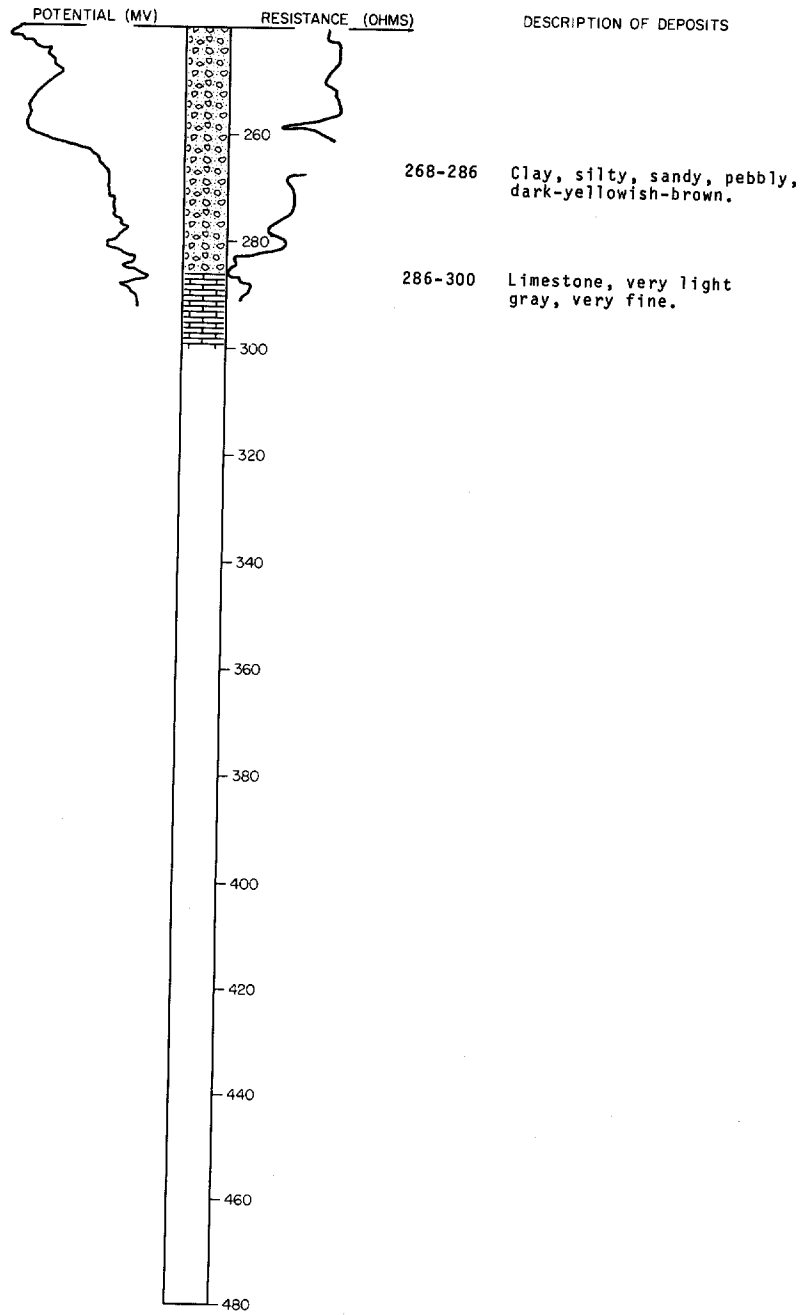
DEPTH: 300
(FT)



LOCATION: 158-51-17BBB
ELEVATION: 810
(FT, MSL)

NDSWC 5028, Continued

DATE DRILLED: July 1968
DEPTH: 300
(FT)



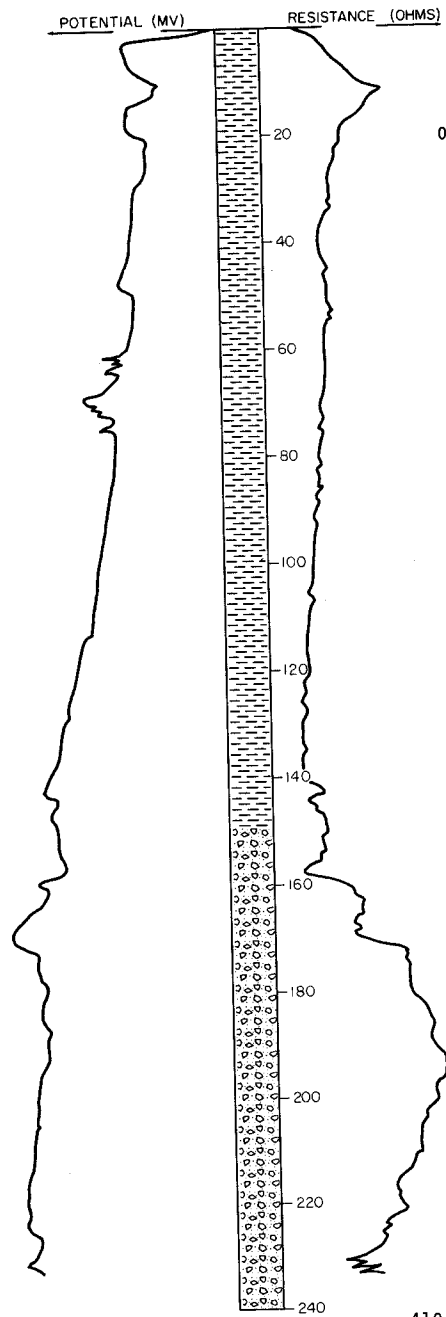
LOCATION: 158-51-25C0C

NDSWC 5387

DATE DRILLED: August 1969

ELEVATION: 802
(FT, MSL)

DEPTH: 300
(FT)



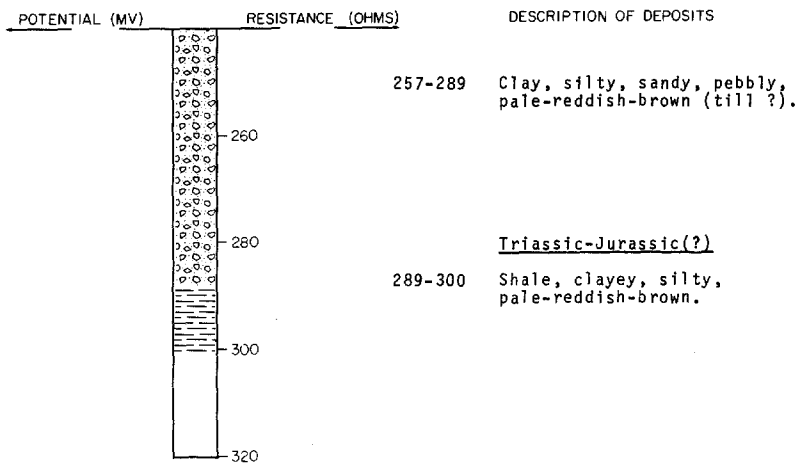
DESCRIPTION OF DEPOSITS

Glacial drift

- 0-0.5 Clay, silty, black (topsoil).
- 0.5-25 Clay, silty, yellowish-brown (lake deposit).
- 25-148 Clay, silty, olive-gray (lake deposit).

- 148-257 Clay, silty, sandy, pebbly, olive-gray (till).

LOCATION: 158-51-25CDC NDSWC 5387, Continued DATE DRILLED: August 1969
 ELEVATION: 802 DEPTH: 300
 (FT, MSL) (FT)



158-51-26CCC
 (Log from North Dakota State Highway Dept.)

Elevation: 804.5 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Clay, silty, laminated; occasional sand lenses----- | 142.2 | 142.2 |
| | Clay, silty, sandy; occasional lenses of sandy gravel (till)----- | 15.8 | 158 |

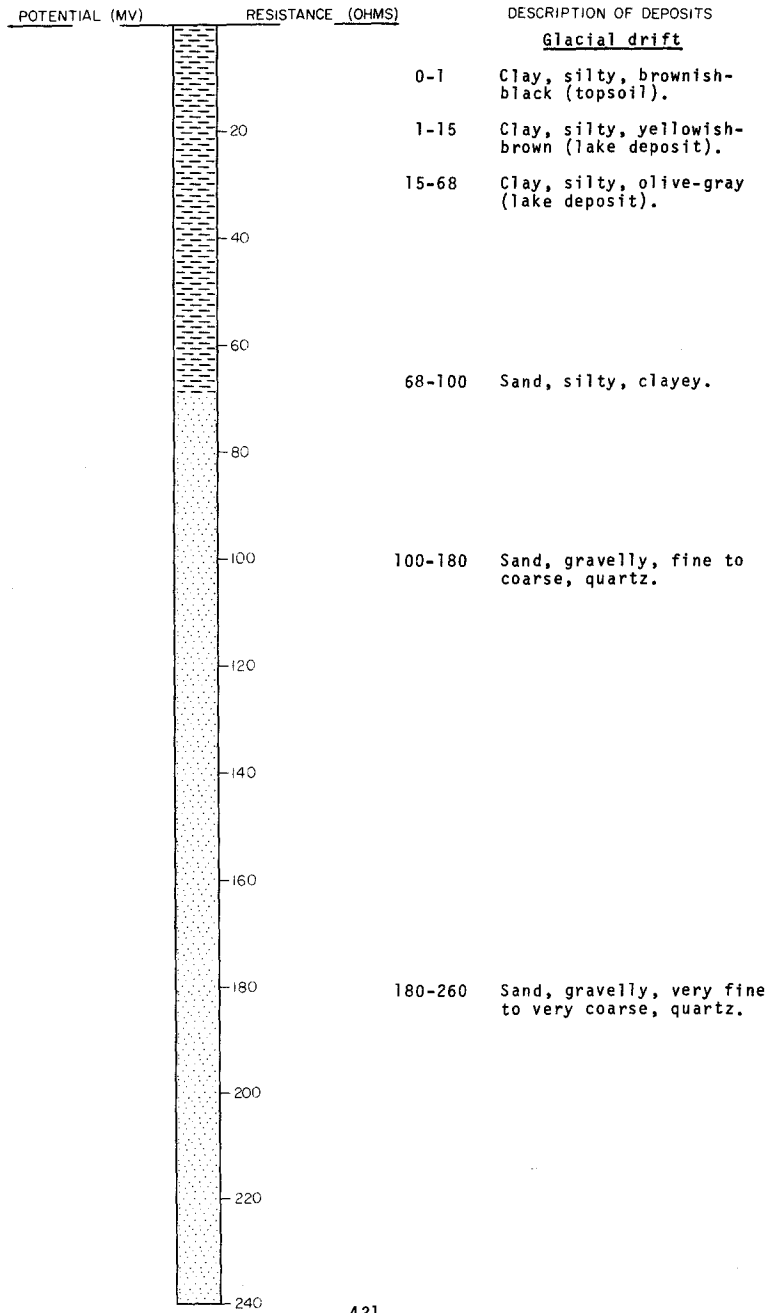
LOCATION: 158-51-31CCC

NDSWC 5388

DATE DRILLED: August 1969

ELEVATION: 743
(FT, MSL)

DEPTH: 280
(FT)



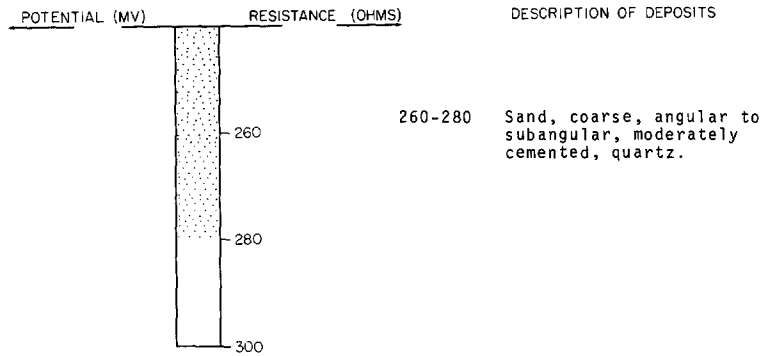
NDSWC 5388, Continued

LOCATION: 158-51-31CCC

DATE DRILLED: August 1969

ELEVATION: 743
(FT, MSL)

DEPTH: 280
(FT)



158-51-35CBC

(Log from North Dakota State Highway Dept.)

Elevation: 802 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--------------------------------|-------------------------|---------------------|
| | Clay, silty----- | 128 | 128 |
| | Clay, silty, sandy (till)----- | 26 | 154 |

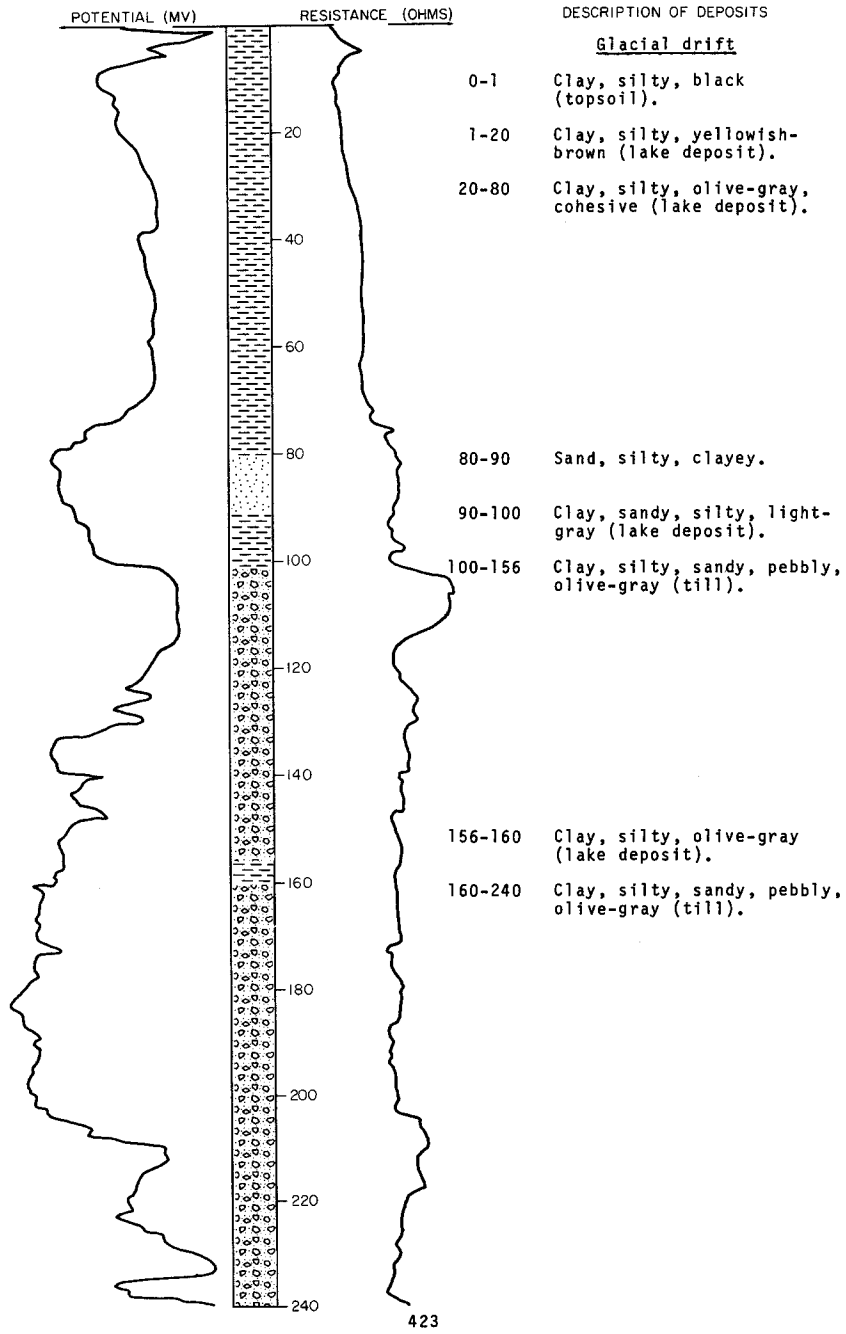
LOCATION: 158-52-3DCC

NDSWC 5385

DATE DRILLED: August 1969

ELEVATION: 811
(FT, MSL)

DEPTH: 290
(FT)



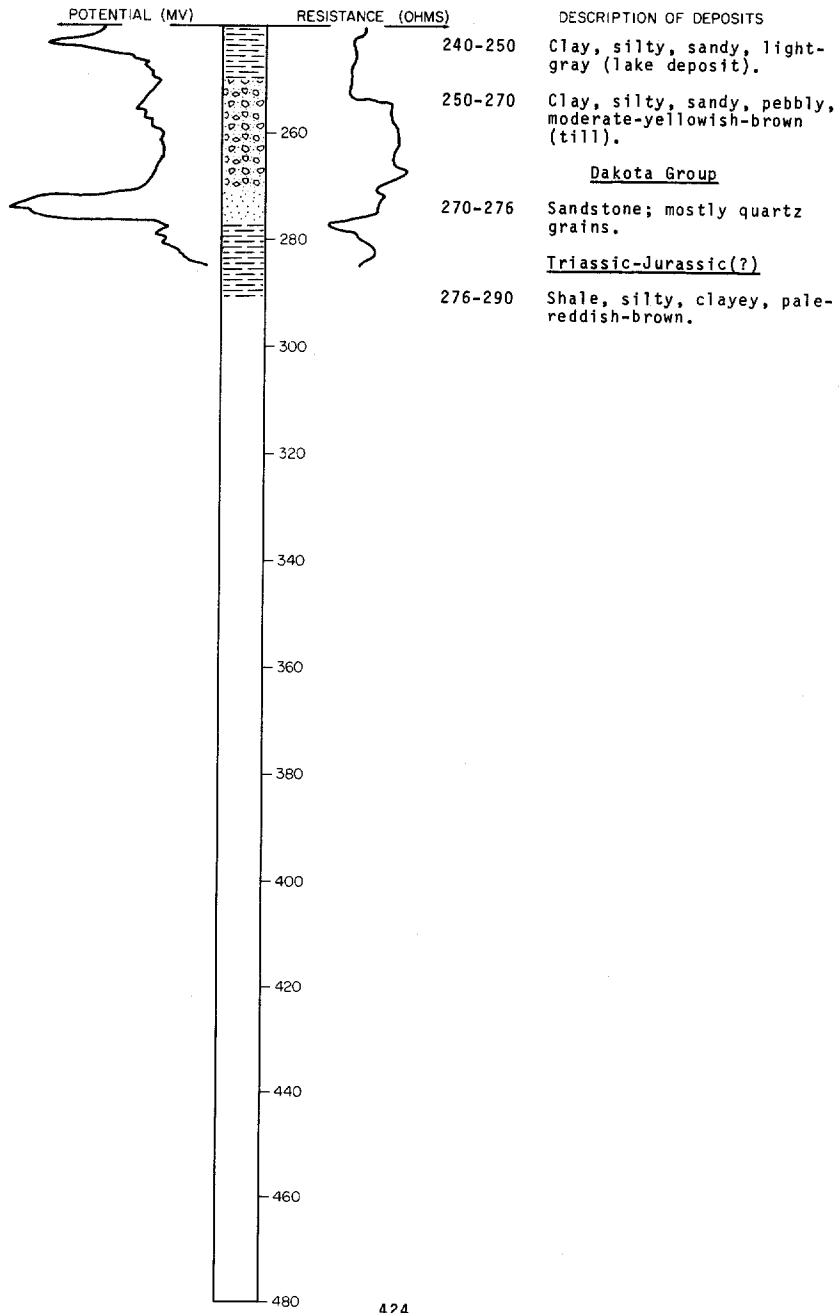
LOCATION: 158-52-3DCC

NDSWC 5385, Continued

DATE DRILLED: August 1969

ELEVATION: 811
(FT, MSL)

DEPTH: 290
(FT)



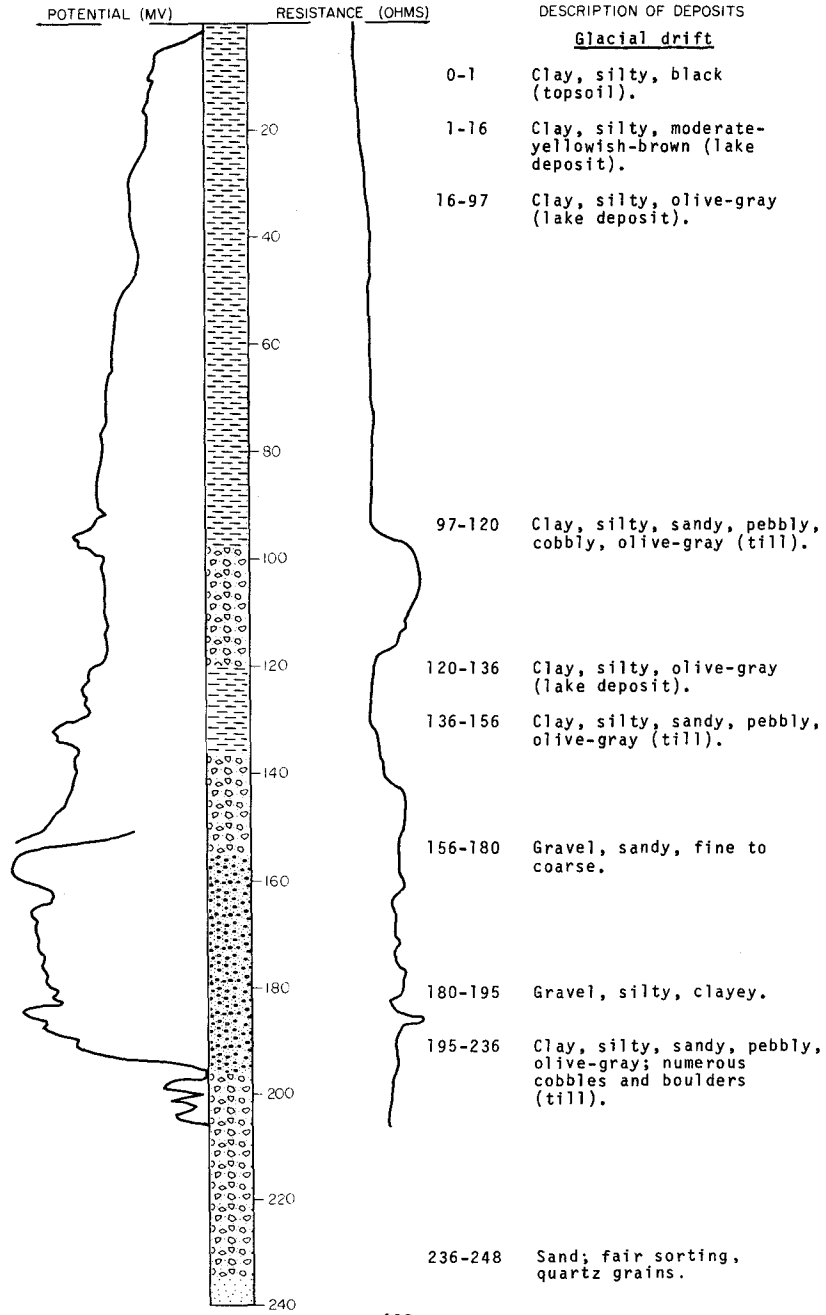
LOCATION: 158-52-22BAA

NDSWC 5386

DATE DRILLED: August 1969

ELEVATION: 811
(FT, MSL)

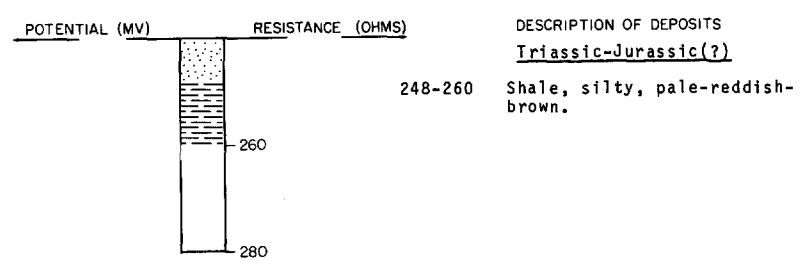
DEPTH: 260
(FT)



LOCATION: 158-52-22BAA
 ELEVATION: 811
 (FT, MSL)

NDSWC 5386, Continued

DATE DRILLED: August 1969
 DEPTH: 260
 (FT)



158-52-31DCC
 NDGS W12

Elevation: 826 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Silt, sandy, damp, bedded----- | 5 | 5 |
| | Silt, clayey, cohesive (lake deposit ?)- | 9 | 14 |

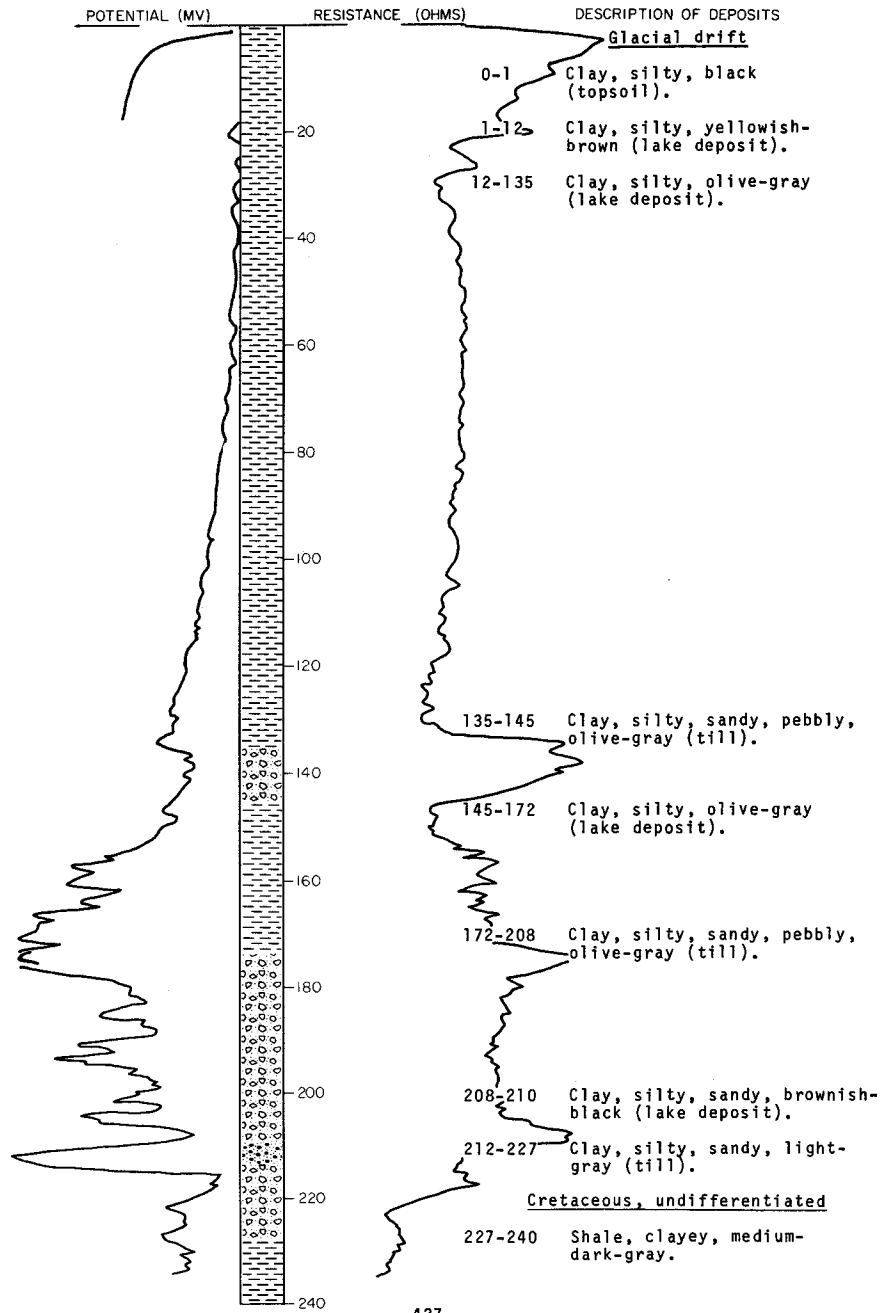
LOCATION: 158-53-3DDD

NDSWC 5384

DATE DRILLED: August 1969

ELEVATION: 839
(FT, MSL)

DEPTH: 240
(FT)



158-53-28CCC
NDGS W11

Elevation: 842 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Sand, bedded; few small pebbles, good banding----- | 6 | 6 |
| | Clay, silty, cohesive, smooth (lake deposit)----- | 3 | 9 |

158-54-2DDC
NDGS W9

Elevation: 870 ft

| | | | |
|--|---|----|----|
| | Sand, fine, oxidized, uniform----- | 17 | 17 |
| | Clay, silty; water level at 17 ft (lake deposit)----- | 2 | 19 |

158-54-3DDC
USGS test 1603
(Log from Jensen and Bradley, 1962)

Elevation: 870 ft

| Deposits of glacial Lake Agassiz: | | | |
|-----------------------------------|---|----|-----|
| | Topsoil, black----- | 4 | 4 |
| | Clay, silty, yellow to light-brown; oxidized----- | 11 | 15 |
| | Clay, silty, light-gray; calcareous----- | 16 | 31 |
| | Clay, smooth, dark-gray; calcareous----- | 21 | 52 |
| | Clay, smooth, gray; calcareous----- | 53 | 105 |

158-54-4DDD2
USGS test 1602
(Log from Jensen and Bradley, 1962)

Elevation: 875 ft

| Deposits of glacial Lake Agassiz: | | | |
|---|--|----|-----|
| | Topsoil, silty, black----- | 2 | 2 |
| | Clay, silty, gray to light-gray----- | 3 | 5 |
| | Clay, silty, mottled, yellow-buff to gray; oxidized----- | 6 | 11 |
| | Clay, silty, olive-gray----- | 25 | 36 |
| | Clay, shaly, light-gray; brittle----- | 95 | 131 |
| Till and associated sand and gravel deposits: | | | |
| | Gravel, fine to medium; sand, fine to coarse----- | 4 | 135 |
| | Sand, fine to coarse with a gray clay binder----- | 13 | 148 |
| | Clay, somewhat sandy and shaly, light-gray----- | 9 | 157 |
| | Clay, sandy, light-gray----- | 12 | 169 |
| Bedrock (Dakota ? Sandstone): | | | |
| | Sand, silty, very fine, gray and white-- | 41 | 210 |

158-54-5ACB
(Log from Frederickson's, Inc.)

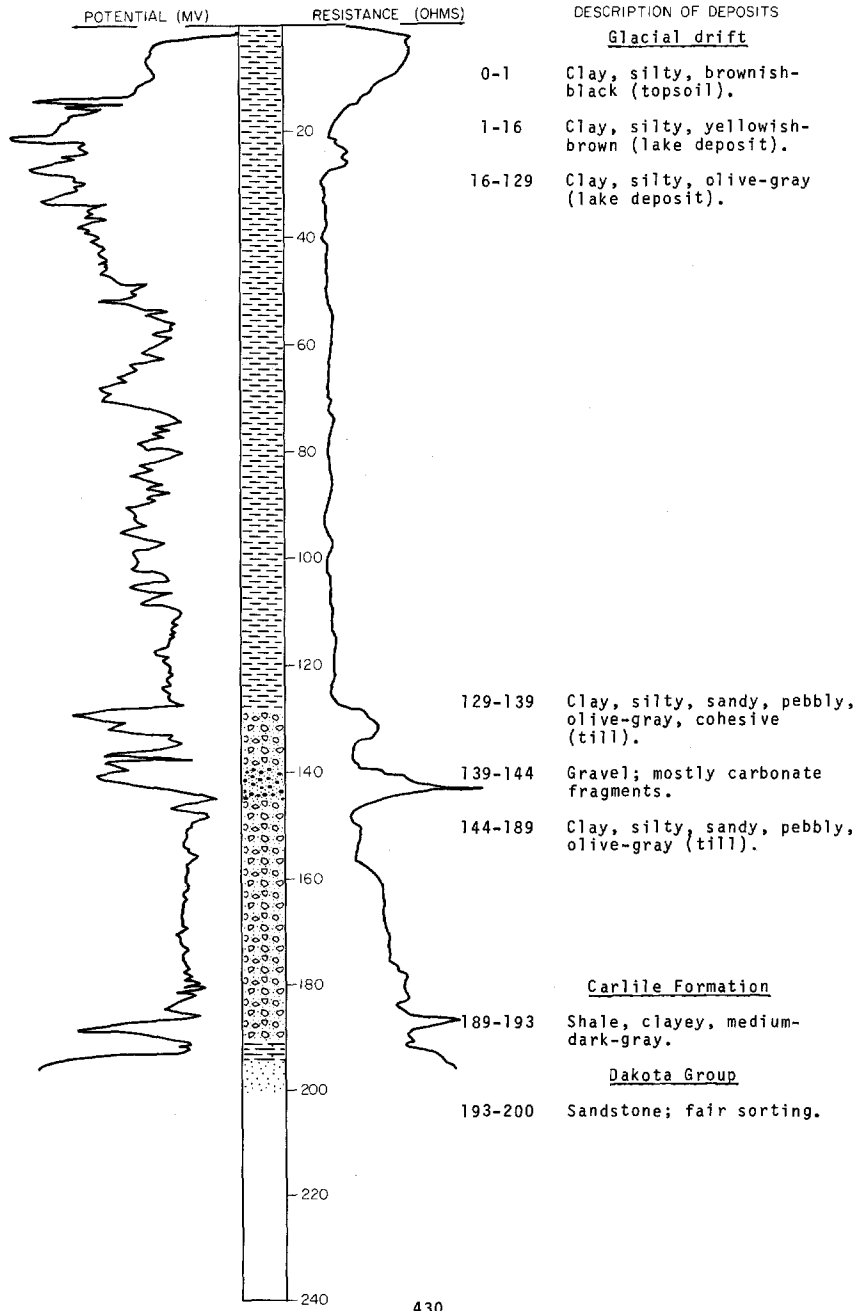
Elevation: 895 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Topsoil----- | 3 | 3 |
| | Clay, sandy, yellow----- | 18 | 21 |
| | Clay, sandy, blue----- | 9 | 30 |
| | Shale, soft, blue----- | 73 | 103 |
| | Clay, hard, blue----- | 18 | 121 |
| | Clay, soft, blue; with lenses of sand--- | 10 | 131 |
| | Sand, washed, gray----- | 2 | 133 |
| | Clay, hard, blue; with white limestone boulders----- | 22 | 155 |
| | Clay, soft, blue----- | 7 | 162 |
| | Shale, soft, blue----- | 28 | 190 |
| | Clay, soft, blue----- | 16 | 206 |
| | Clay, hard, sandy, blue; with white limestone boulders----- | 11 | 217 |
| | Sandstone, white----- | 11 | 228 |
| | Clay, blue----- | 4 | 232 |
| | Clay, sandy, blue; with lenses of sand-- | 7 | 239 |
| | Shale, white----- | 12 | 251 |
| | Shale, soft, blue----- | 6 | 257 |
| | Shale, hard, black----- | 10 | 267 |
| | Clay, soft, blue----- | 2 | 269 |
| | Sandstone, white----- | 57 | 326 |
| | Clay, blue----- | 1 | 327 |
| | Sandstone, white----- | 16 | 343 |

LOCATION: 158-54-9DDD
ELEVATION: 878
(FT, MSL)

NDSWC 5383

DATE DRILLED: August 1969
DEPTH: 200
(FT)



158-54-10ABB
NDGS W7

Elevation: 875 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Topsoil----- | 2 | 2 |
| | Sand, very fine, uniform, soft, saturated----- | 15 | 17 |
| | Clay, silty, saturated, unoxidized, sticky----- | 2 | 19 |

158-54-11BBB
NDGS W8

Elevation: 866 ft

| | | | |
|--|--|----|----|
| | Sand, fine to medium, oxidized; few pebbles; saturated at 19 ft----- | 22 | 22 |
| | Silt, sandy, few pebbles, water level at 23 ft----- | 2 | 24 |

158-54-18DAC1
(Log from Frederickson's, Inc.)

Elevation: 895 ft

| | | | |
|--|--|----|-----|
| | Topsoil, black----- | 2 | 2 |
| | Clay, oxidized, brown----- | 18 | 20 |
| | Clay, unoxidized, blue----- | 57 | 77 |
| | Clay, hard, sandy, blue----- | 9 | 86 |
| | Sand, colored----- | 1 | 87 |
| | Clay, hard, sandy, blue----- | 21 | 108 |
| | Sand, silty, colored----- | 3 | 111 |
| | Clay, hard, sandy, blue----- | 4 | 115 |
| | Sand, blue----- | 1 | 116 |
| | Clay, hard, sandy, blue----- | 12 | 128 |
| | Clay, hard, sandy, blue, and boulders--- | 57 | 185 |
| | Clay, hard, sandy, blue----- | 22 | 207 |
| | Shale, sticky, blue----- | 15 | 222 |
| | Sandstone, white----- | 19 | 241 |
| | Sandstone, fine, white----- | 5 | 246 |

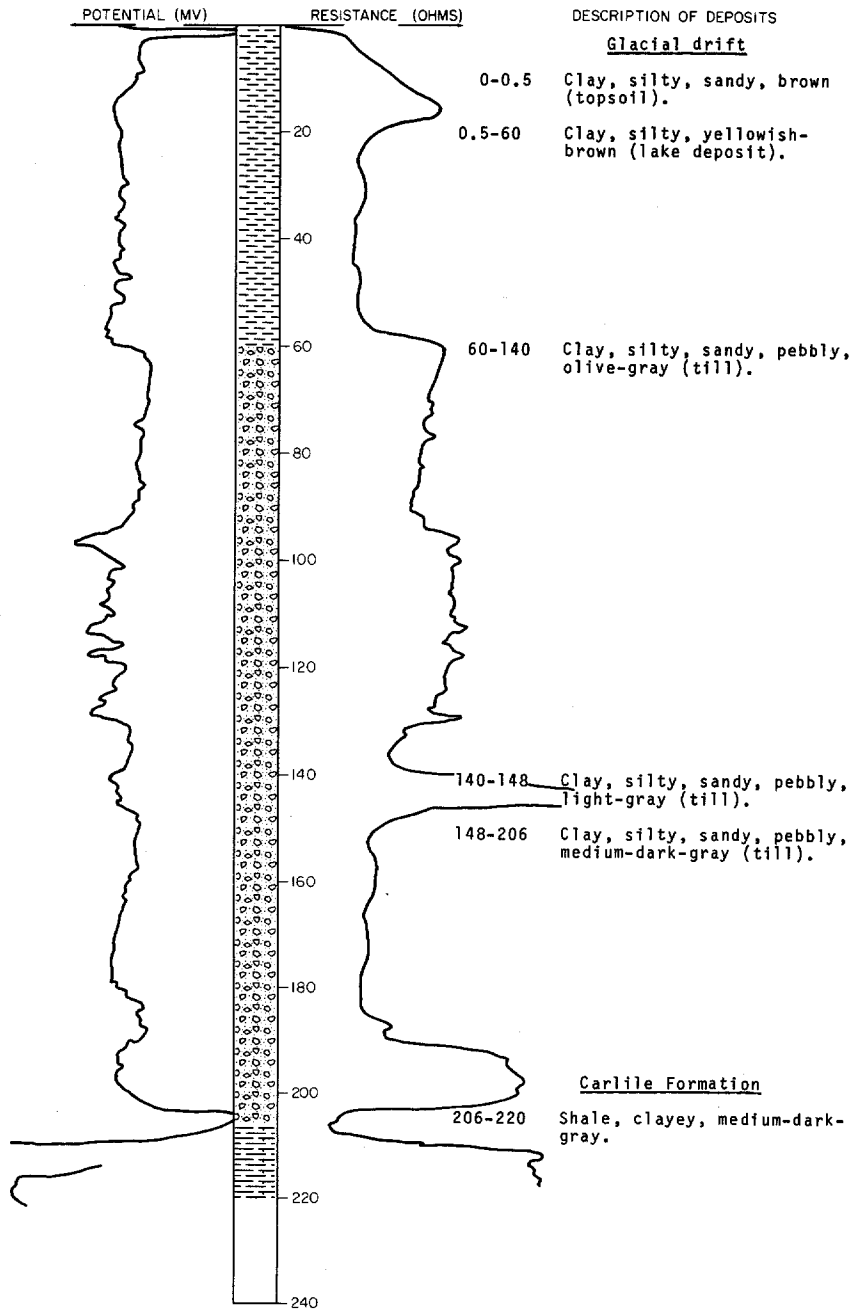
LOCATION: 158-54-18DDD

NDSWC 5382

DATE DRILLED: August 1969

ELEVATION: 888
(FT, MSL)

DEPTH: 220
(FT)



158-54-24ABA
(Log from Frederickson's, Inc.)

Elevation: 860 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---|-------------------------|---------------------|
| | Clay, silty, sandy, black, topsoil----- | 1 | 1 |
| | Clay, silty, tan----- | 11 | 12 |
| | Clay, silty, blue----- | 7 | 19 |
| | Clay, silty, blue, very dense (till)---- | 23 | 42 |
| | Clay, silty, blue, dense to soft (till)- | 100 | 142 |
| | Clay, silty, sandy, blue, soft (till)--- | 12 | 154 |
| | Clay, sandy, silty, blue, dense (till)--- | 16 | 170 |
| | Clay, sandy, blue, boulders (till)----- | 2 | 172 |
| | Sand, gray----- | 4 | 176 |
| | Shale, gray----- | 26 | 202 |
| | Shale, white, interbedded sand lenses--- | 8 | 210 |
| | Sandstone, white----- | 32 | 242 |

158-54-25CCC
NDGS W10

Elevation: 855 ft

| | | | |
|--|--|----|----|
| | Sand, silty, very fine, few pebbles, iron concretions, uniform (alluvium)-- | 12 | 12 |
| | Clay, silty, gray, very cohesive, unoxidized (lake deposit)----- | 2 | 14 |

158-54-28BBB
USGS test 1604
(Log from Jensen and Bradley, 1962)

Elevation: 885 ft

| | | | |
|-----------------------------------|---|------|------|
| Deposits of glacial Lake Agassiz: | | | |
| | Topsoil, silty, black----- | 4 | 4 |
| | Clay, silty, yellow-gray; oxidized----- | 7 | 11 |
| | Clay, silty, yellow-brown----- | 5 | 16 |
| | Clay, silty, light-gray----- | 36.5 | 52.5 |

158-55-2DCD
USGS test 1606
(Log from Jensen and Bradley, 1962)

Elevation: 910 ft

| | | | |
|---|---|----|----|
| Deposits of glacial Lake Agassiz: | | | |
| | Topsoil, silty, dark-brown----- | 3 | 3 |
| | Clay, silty, brown-buff to yellow-buff-- | 12 | 15 |
| | Clay, silty, light-gray----- | 42 | 57 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, light-gray; fine gravel; shale pebbles (till)----- | 6 | 63 |

158-55-2DDC
 USGS test 1605
 (Log from Jensen and Bradley, 1962)

Elevation: 910 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|--|-------------------------|---------------------|
| Deposits of glacial Lake Agassiz: | | | |
| | Topsoil, black----- | 3 | 3 |
| | Clay, silty, yellow to buff; oxidized--- | 13 | 16 |
| | Clay, silty, light-gray----- | 45 | 61 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, gray; gravel, fine to medium (till)----- | 2 | 63 |

158-55-4CCC
 USGS test 1608
 (Log from Jensen and Bradley, 1962)

Elevation: 938 ft

| | | | |
|---|---|------|-------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, silty, black----- | 3 | 3 |
| | Clay, yellow, oxidized; gravel, fine to medium; sand, coarse; shale pebbles (till)----- | 13 | 16 |
| | Clay, light-gray; sand, coarse, gravel, fine to medium; shale pebbles and lignite fragments (till)----- | 5 | 21 |
| | Sand, fine to coarse; shale pebbles----- | 5 | 26 |
| | Gravel, fine; shale pebbles----- | 5 | 31 |
| | Clay, sandy and silty, light-gray to olive-drab (till)----- | 11 | 42 |
| | Silt and clay, gravelly, light-gray; shale pebbles (till)----- | 15 | 57 |
| | Clay, silty, light-gray (till?)----- | 18 | 75 |
| | Silt and clay, gray; gravel, fine to medium; shale pebbles; lignite fragments (till)----- | 83 | 158 |
| Bedrock: | Shale, dark-gray to dark-bluish-gray---- | 20.5 | 178.5 |

158-55-4DDD
 USGS test 1607
 (Log from Jensen and Bradley, 1962)

Elevation: 927 ft

| | | | |
|---|--|----|----|
| Deposits of glacial Lake Agassiz: | | | |
| | Topsoil, black----- | 3 | 3 |
| | Clay, silty, yellow to buff; oxidized--- | 12 | 15 |
| | Clay, silty, gray----- | 11 | 26 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, silty, light-gray; gravel, fine to medium; shale pebbles (till)----- | 37 | 63 |

158-55-5CCC
 USGS test 1609
 (Log from Jensen and Bradley, 1962)

Elevation: 984 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|--|-------------------------|---------------------|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 3 | 3 |
| | Clay, silty, mottled, oxidized; some fine gravel (till)----- | 3 | 6 |
| | Clay, silty, light-gray; some fine gravel (till)----- | 25 | 31 |
| | Clay, gray; gravel, fine to medium; shale pebbles (till)----- | 74 | 105 |

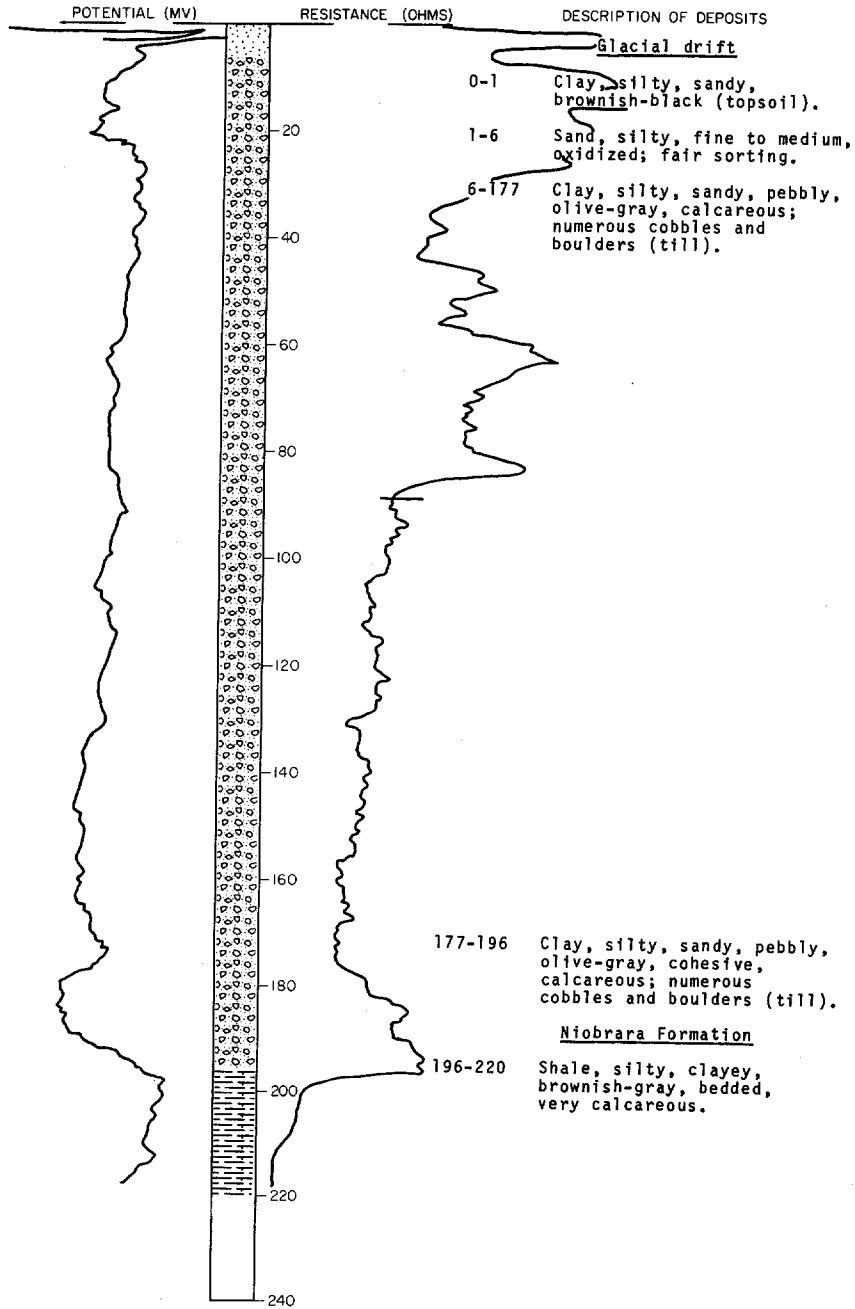
LOCATION: 158-55-19AAA

NDSWC 5381

DATE DRILLED: August 1969

ELEVATION: 1035
(FT, MSL)

DEPTH: 220
(FT)



158-55-32BAA
(Log from owner)

Elevation: 1050 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|------------------|-------------------------|---------------------|
| | Topsoil----- | 4 | 4 |
| | Sand, fine----- | 17 | 21 |
| | Clay, silty----- | -- | -- |

158-56-1DDC1
USGS test 1612
(Log from Jensen and Bradley, 1962)

Elevation: 1068 ft

| | | | |
|---|--|----|----|
| Deposits of glacial Lake Agassiz: | | | |
| | Sand, silty, brown----- | 5 | 5 |
| | Sand, fine to coarse; some fine gravel; shale pebbles, lignite fragments----- | 7 | 12 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, sandy, light-gray; fine to medium gravel; shale pebbles; lignite fragments (till)----- | 51 | 63 |

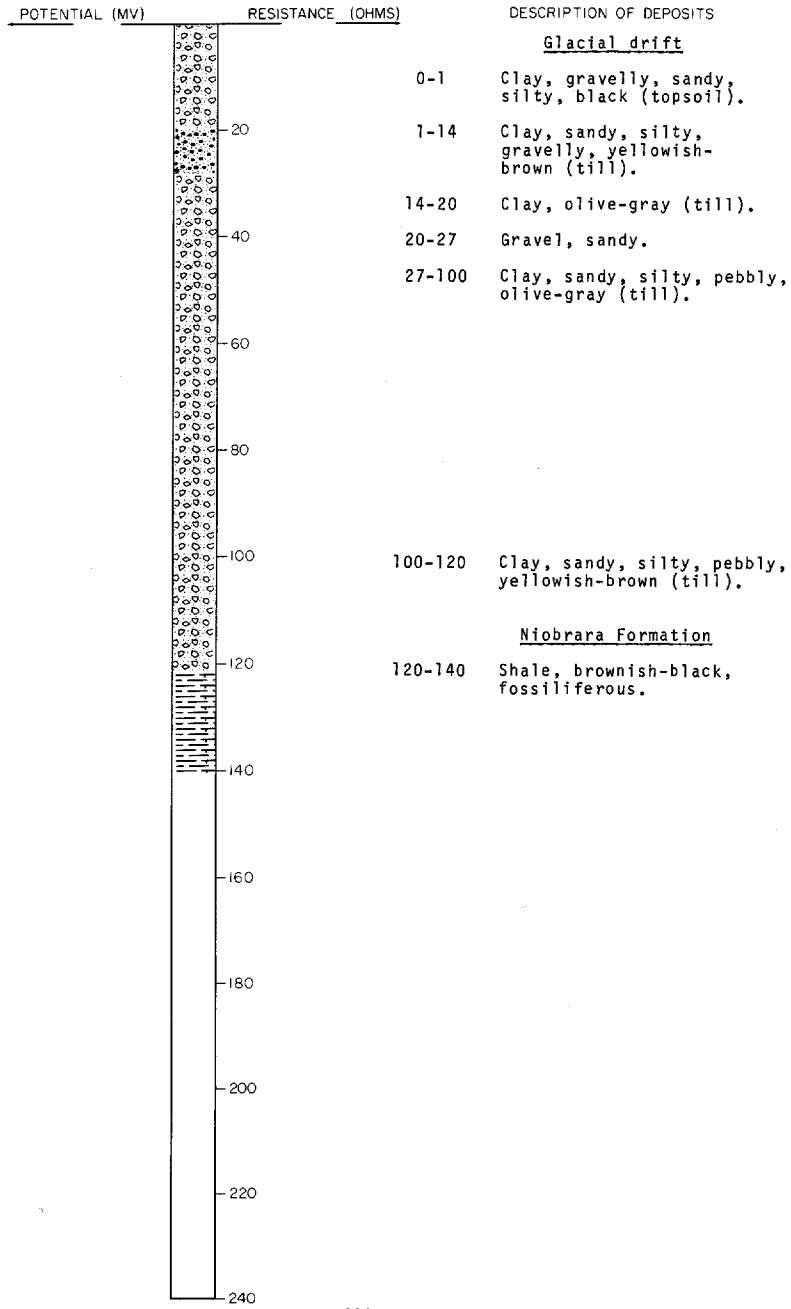
LOCATION: 158-56-9CDD

NDSWC 2927

DATE DRILLED: May 1968

ELEVATION: 1190
(FT, MSL)

DEPTH: 140
(FT)



158-56-11AAA
 USGS test 1611
 (Log from Jensen and Bradley, 1962)

Elevation: 1115 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|---|---|-------------------------|---------------------|
| Deposits of glacial Lake Agassiz: | | | |
| | Topsoil, sandy, black----- | 2 | 2 |
| | Sand, fine to medium; shale pebbles----- | 19 | 21 |
| | Gravel, fine to coarse----- | 9 | 30 |
| Till and associated sand and gravel deposits: | | | |
| | Clay, gray; gravel, fine to medium; shale pebbles (till)----- | 33 | 63 |

158-56-12AAA
 USGS test 1610
 (Log from Jensen and Bradley, 1962)

Elevation: 1160 ft

| | | | |
|---|--|-----|-----|
| Till and associated sand and gravel deposits: | | | |
| | Topsoil, black----- | 1 | 1 |
| | Clay, oxidized, mottled, yellow to buff; fine gravel (till)----- | 11 | 12 |
| | Clay, gray; gravel, fine to medium, shale pebbles and cobblestones (till)- | 146 | 158 |
| Bedrock: | | | |
| | Shale, dark-gray to black----- | 31 | 189 |

158-56-14DDD
 USGS test 1614
 (Log from Jensen and Bradley, 1962)

Elevation: 1140 ft

| | | | |
|---|--|----|-----|
| Deposits of glacial Lake Agassiz: | | | |
| | Topsoil, sandy, brown----- | 2 | 2 |
| | Sand, fine to medium----- | 4 | 6 |
| | Gravel, fine to medium, rounded and elongated----- | 7 | 13 |
| Till and associated sand and gravel deposits: | | | |
| | Silt and clay, olive-gray; gravel, fine to medium (till)----- | 21 | 34 |
| | Silt and clay, light-gray; gravel, fine; shale pebbles (till)----- | 8 | 42 |
| | Silt and clay, gray; gravel, fine to medium; shale pebbles (till)----- | 93 | 135 |

158-58-16CB
 NDGS E10
 (Log from Carlson, 1964)

Elevation: 1219 ft

| | | | |
|--|-----------------------------------|----|----|
| | Clay, silty, sandy; boulders----- | 51 | 51 |
|--|-----------------------------------|----|----|

158-56-17AB
 NDGS E4
 (Log from Carlson, 1964)

Elevation: 1219 ft

| | | | |
|--|--|----|----|
| | Clay, silty, sandy; boulders (till)----- | 59 | 59 |
|--|--|----|----|

158-56-18AA
 NDGS E2
 (Log from Carlson, 1964)

Elevation: 1201 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|--|------------------|--------------|
| | Glacial drift----- | 27 | 27 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 13 | 40 |
| | Shale, light-gray to medium-light-gray, no white specks, slightly bentonitic, very calcareous----- | 1 | 41 |
| | Shale, light-gray, a few to common white specks, very calcareous----- | 2 | 43 |
| | Shale, light-gray, white specks inconspicuous, very calcareous----- | 4 | 47 |
| | Shale, very light gray, no white specks, very calcareous----- | 12 | 59 |
| | Shale, very light gray, no white specks, very calcareous, slightly micaceous, contains a few shell fragments----- | 1 | 60 |
| | Shale, light-gray to medium-light-gray, no white specks, slightly micaceous, slightly bentonitic, contains a few pyrite nodules----- | 2 | 62 |
| | Shale, medium-gray, no white specks, slightly micaceous, slightly bentonitic, slightly calcareous----- | 2 | 64 |
| | Shale, medium-light-gray, contains a few white specks, slightly micaceous, slightly bentonitic, moderately calcareous----- | 4 | 68 |
| | Shale, medium-gray, no white specks, slightly micaceous, slightly bentonitic, slightly calcareous----- | 2 | 70 |

158-56-19AD
 NDGS E1
 (Log from Carlson, 1964)

Elevation: 1243 ft

| | | | |
|--|--|----|----|
| | Glacial drift; clay, sand, and gravel---- | 34 | 34 |
| | Shale, medium-gray to light-gray, intermingled; the light-gray shale is very calcareous and contains white specks; the medium-gray shale is moderately bentonitic, contains no white specks, but is still calcareous (Niobrara Formation)----- | 7 | 41 |
| | Shale, light-gray, contains abundant white specks, very calcareous----- | 27 | 68 |
| | Shale, light-gray, contains a few white specks, is very calcareous----- | 2 | 70 |
| | Shale, light-gray, contains abundant white specks, is very calcareous----- | 4 | 74 |
| | Shale, light-gray, white specks inconspicuous, still very calcareous----- | 1 | 75 |
| | Shale, light-gray, white specks common to abundant, very calcareous, scattered pyrite----- | 7 | 82 |
| | Shale, very light gray, white specks inconspicuous, very calcareous, moderately bentonitic----- | 1 | 83 |
| | Shale, very light gray, white specks inconspicuous, very calcareous----- | 3 | 86 |

158-56-19AD, Continued
 NDGS E1
 (Log from Carlson, 1964)

Elevation: 1243 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|--|-------------------------|---------------------|
| | Shale as above, some pyrite in stemlike concretions----- | 3 | 89 |
| | Shale, very light gray, no white specks, very calcareous, slightly bentonitic-- | 3 | 92 |
| | Shale, very light gray, no white specks, very calcareous, slightly micaceous, slightly bentonitic----- | 2 | 94 |
| | Shale, light-gray, contains a few white specks, some shell fragments, slightly micaceous, slightly bentonitic, moderately calcareous----- | 1 | 95 |
| | Shale, medium-gray, contains pyrite nodules, slightly micaceous, slightly calcareous----- | 2 | 97 |
| | Shale, medium-light-gray, contains abundant white specks, very calcareous, slightly micaceous, slightly bentonitic----- | 2 | 99 |
| | Shale, medium-light-gray, no white specks, slightly micaceous, slightly bentonitic, moderately calcareous----- | 13 | 112 |
| | Shale, medium-light-gray, no white specks, slightly micaceous, moderately calcareous----- | 4 | 116 |
| | Shale as above, and shale, medium-light-gray, contains abundant white specks, very calcareous----- | 2 | 118 |
| | Shale, medium-light-gray, no white specks, slightly micaceous, moderately calcareous----- | 10 | 128 |
| | Shale, medium-light-gray, no white specks, slightly micaceous, moderately bentonitic, contains some fish scales?, moderately calcareous-- | 2 | 130 |
| | Shale, medium-light-gray, contains abundant white specks, very micaceous, very calcareous, some fragments of sharks teeth and fish scales----- | 8 | 138 |
| | Shale, medium-gray, white specks inconspicuous, moderately calcareous----- | 2 | 140 |
| | Shale, medium-light-gray, white specks common to abundant, micaceous----- | 8 | 148 |
| | Shale, medium-light-gray, contains abundant white specks, very calcareous----- | 2 | 150 |
| | Shale, medium-gray, contains abundant white specks, very calcareous----- | 16 | 166 |

158-56-22BCD
(Log from U.S. Air Force)

Elevation: 1195 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------------------|-------------------------|---------------------|
| | Clay, silty----- | 3 | 3 |
| | Silt, clayey----- | 9 | 12 |
| | Sand, clayey, fine----- | 6 | 18 |
| | Clay, silty----- | 5 | 23 |
| | Silt, clayey----- | 2 | 25 |
| | Sand, silty, fine----- | 3 | 28 |
| | Clay, silty----- | 2 | 30 |
| | Sand, clayey, fine to medium----- | 4 | 34 |
| | Clay, silty----- | 77 | 111 |
| | Sand, clayey, fine to medium----- | 6 | 117 |
| | Clay, silty----- | 13 | 130 |

158-56-23AAA
USGS test 1615
(Log from Jensen and Bradley, 1962)

Elevation: 1141 ft

Deposits of glacial Lake Agassiz:

| | | |
|--|---|----|
| Topsoil, sandy and silty, dark-brown---- | 3 | 3 |
| Sand, fine to coarse; many limestone grains----- | 7 | 10 |

Till and associated sand and gravel deposits:

| | | |
|---|----|----|
| Silt and clay, oxidized, mottled yellow-buff; gravel, fine to medium; shale pebbles (till)----- | 4 | 14 |
| Silt and clay, light-gray; gravel, fine to medium; shale pebbles (till)-- | 49 | 63 |

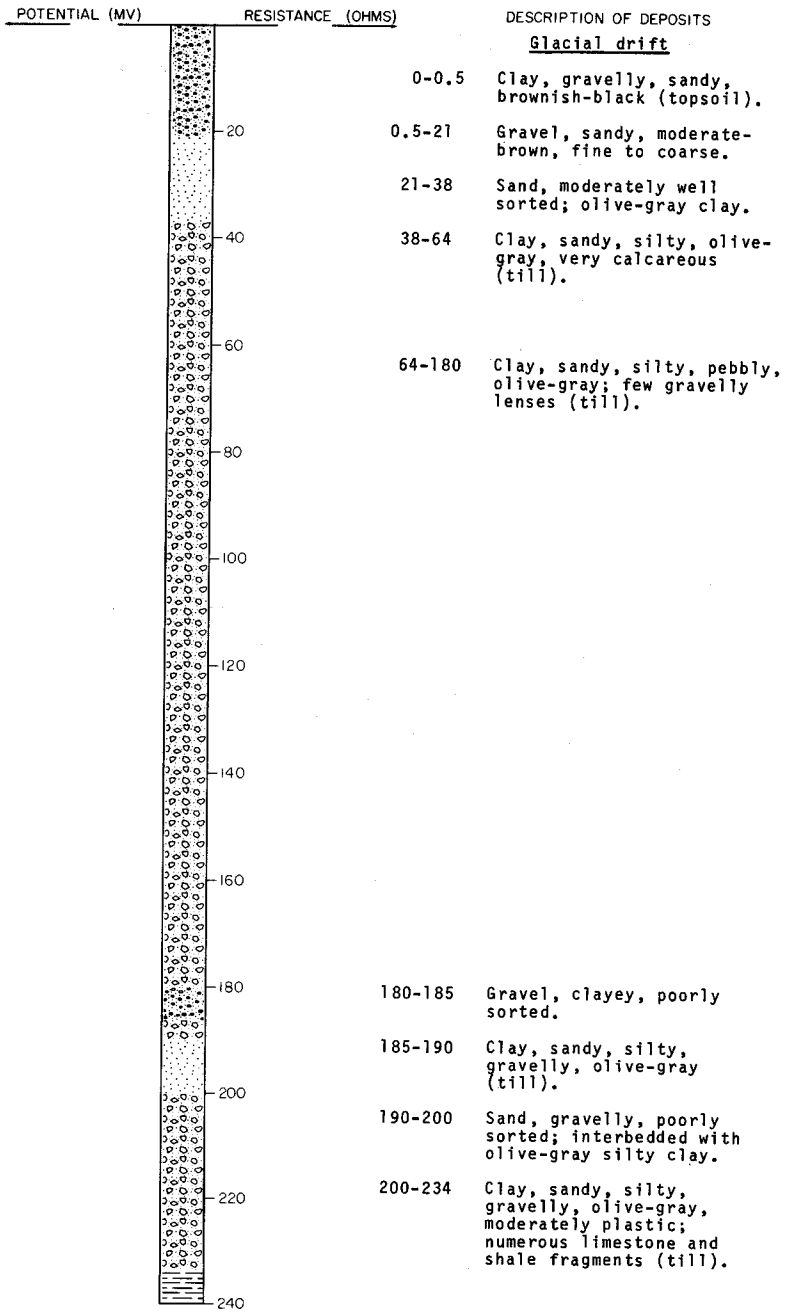
LOCATION: 158-56-25CCC

NDSWC 2924

DATE DRILLED: May 1968

ELEVATION: 1167
(FT, MSL)

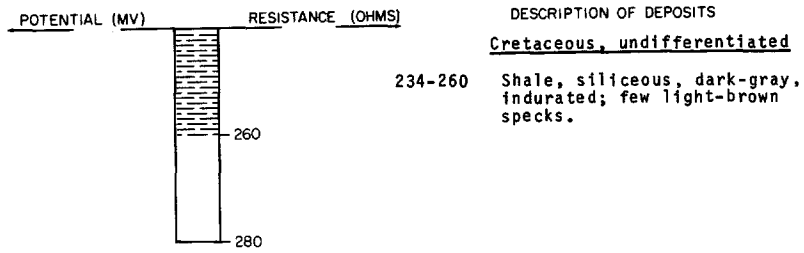
DEPTH: 260
(FT)



LOCATION: 158-56-25CCC
 ELEVATION: 1167
 (FT, MSL)

NDSWC 2924, Continued

DATE DRILLED: May 1968
 DEPTH: 260
 (FT)



158-56-27DCA
 (Log from U.S. Air Force)

Elevation: 1250 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|---------------------------|-------------------------|---------------------|
| | Clay, sandy----- | 3 | 3 |
| | Clay, sandy, silty----- | 25 | 28 |
| | Clay, sandy, silty----- | 12 | 40 |
| | Clay, sandy----- | 8 | 48 |
| | Sand, silty----- | 21 | 69 |
| | Sand, gravelly----- | 11 | 80 |
| | Sand, silty, fine----- | 10 | 90 |
| | Sand and fine gravel----- | 32 | 122 |
| | Clay, silty, sandy----- | 8 | 130 |

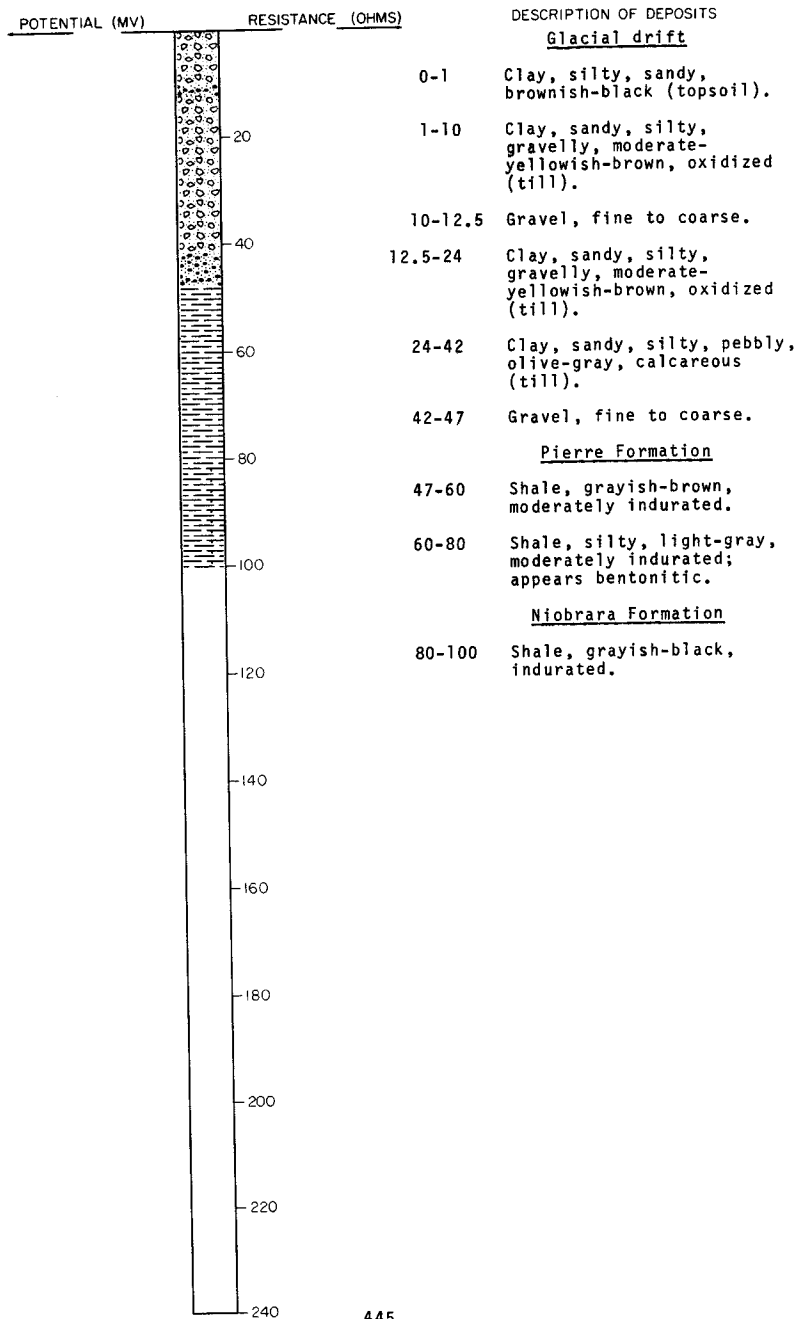
NDSWC 2925

LOCATION: 158-56-30DD

DATE DRILLED: May 1968

ELEVATION: 1250
(FT, MSL)

DEPTH: 100
(FT)



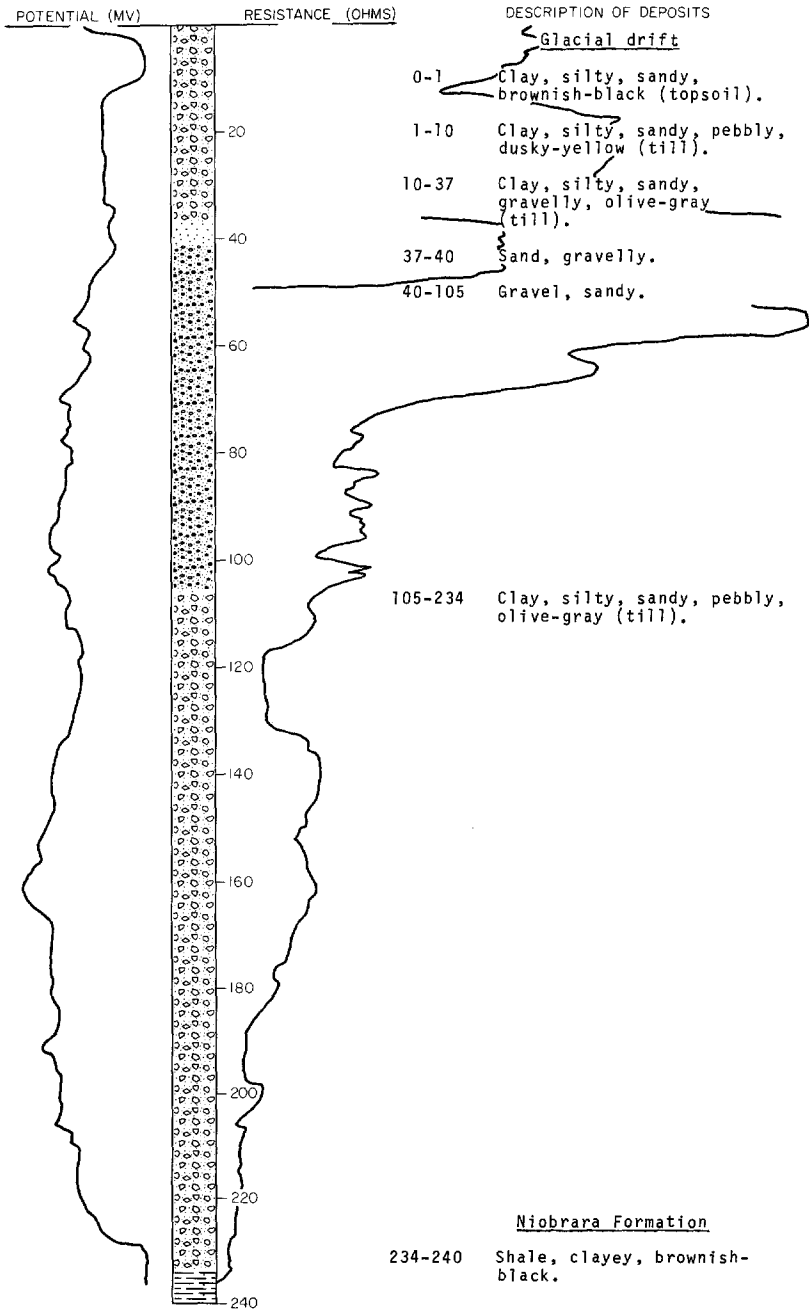
LOCATION: 158-56-348BB

NDSWC 5432

DATE DRILLED: August 1969

ELEVATION: 1260
(FT, MSL)

DEPTH: 240
(FT)

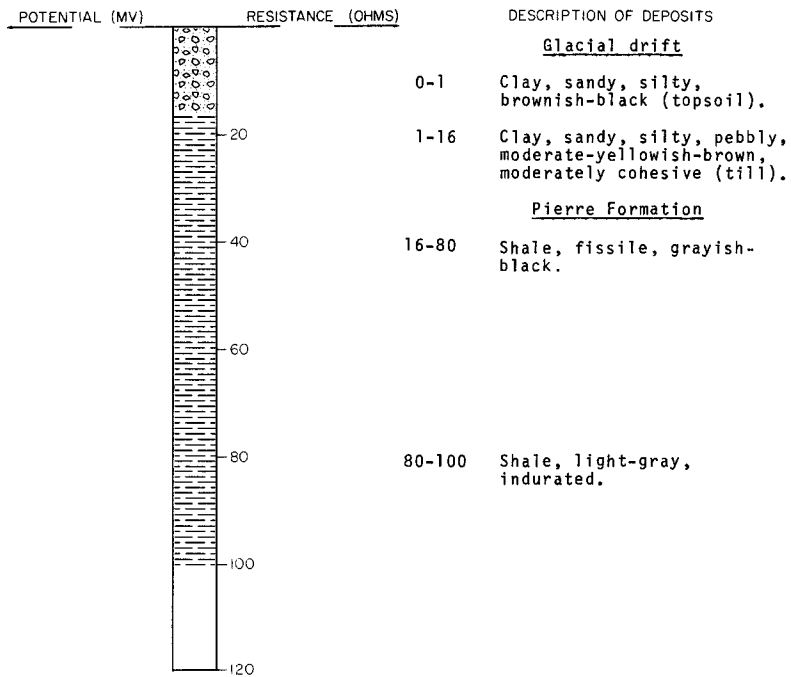


158-57-4DCC
(Log from Myhre Well Drilling)

Elevation: 1500 ft

| Geologic source | Material | Thickness (feet) | Depth (feet) |
|-----------------|-----------------------|------------------|--------------|
| | Clay, silty----- | 12 | 12 |
| | Shale, fractured----- | 38 | 50 |

LOCATION: 158-57-14AAA NDSWC 2926 DATE DRILLED: May 1968
 ELEVATION: 1420 DEPTH: 100
 (FT, MSL) (FT)



158-57-15BBB
(Log from Myhre Well Drilling)

Elevation: 1510 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------|-------------------------|---------------------|
| | Clay----- | 12 | 12 |
| | Shale----- | 48 | 60 |

158-57-35ACC
(Log from U.S. Air Force)

Elevation: 1400 ft

| | | | |
|--|--|-----|-----|
| | Sand, fine to coarse, clayey, gravelly-- | 9 | 9 |
| | Sand, clayey----- | 5 | 14 |
| | Silt----- | 4 | 18 |
| | Shale----- | 112 | 130 |

158-58-2CCA
(Log from Peterson Well Drilling)

Elevation: 1600 ft

| | | | |
|--|---------------------------------------|-----|-----|
| | Topsoil----- | 1 | 1 |
| | Clay, yellow----- | 24 | 25 |
| | Shale, gravelly----- | 20 | 45 |
| | Shale, interbedded hard and soft----- | 100 | 145 |
| | Shale, very hard----- | 3 | 148 |
| | Shale, blue-gray----- | 22 | 170 |
| | Shale, gray----- | 5 | 175 |

158-58-23CCA
(Log from U.S. Air Force)

Elevation: 1575 ft

| | | | |
|--|-----------------------|----|-----|
| | Clay----- | 22 | 22 |
| | Shale, fractured----- | 61 | 83 |
| | Shale----- | 47 | 130 |

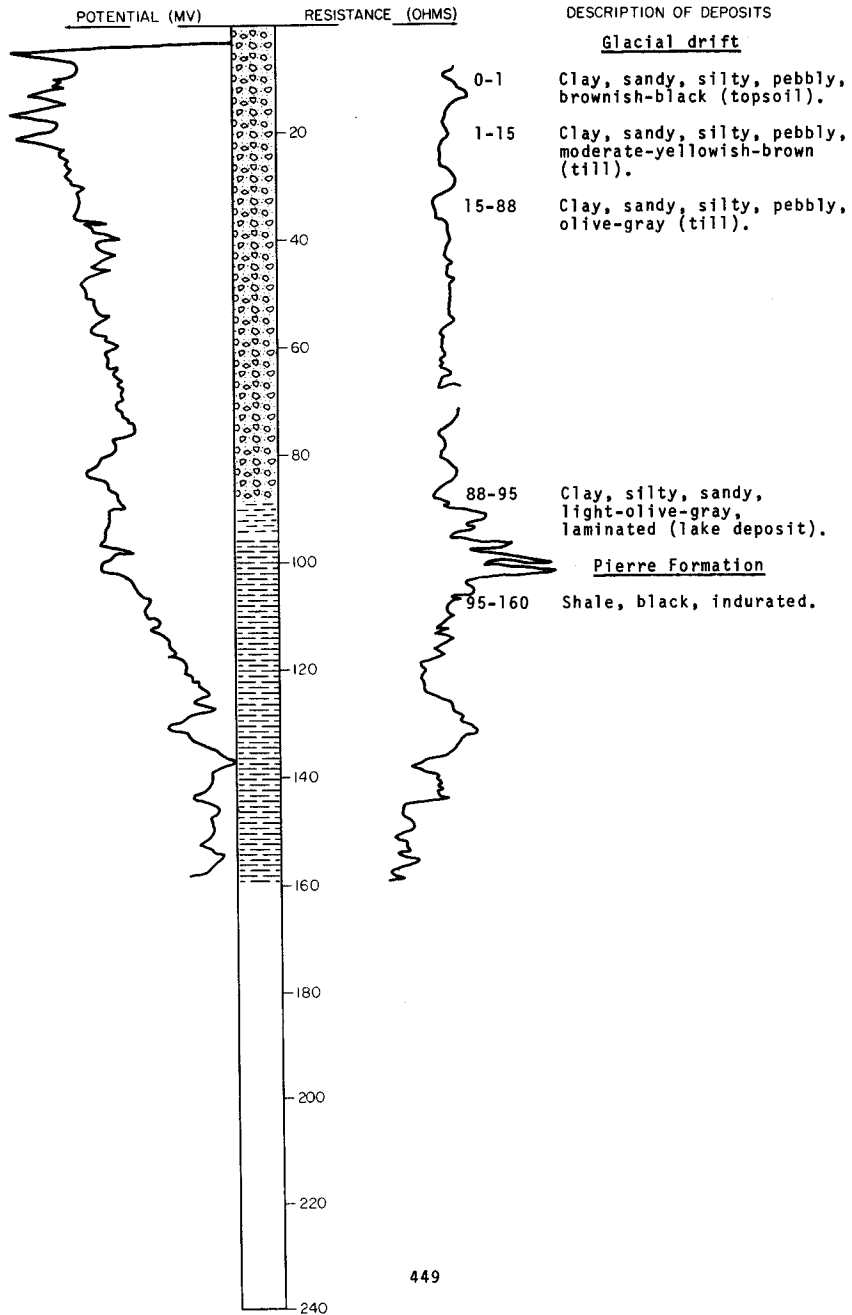
LOCATION: 158-58-30AAA

NDSWC 2952

DATE DRILLED: May 1968

ELEVATION: 1604
(FT, MSL)

DEPTH: 160
(FT)



158-59-25BBB
(Log from U.S. Air Force)

Elevation: 1621 ft

| <u>Geologic source</u> | <u>Material</u> | <u>Thickness (feet)</u> | <u>Depth (feet)</u> |
|------------------------|-----------------------|-------------------------|---------------------|
| | Clay, silty----- | 18 | 18 |
| | Shale, fractured----- | 9 | 27 |
| | Shale----- | 103.6 | 130.6 |

LOCATION: 158-59-34DDD NDSWC 2953 DATE DRILLED: May 1968
 ELEVATION: 1610 DEPTH: 140
 (FT, MSL) (FT)

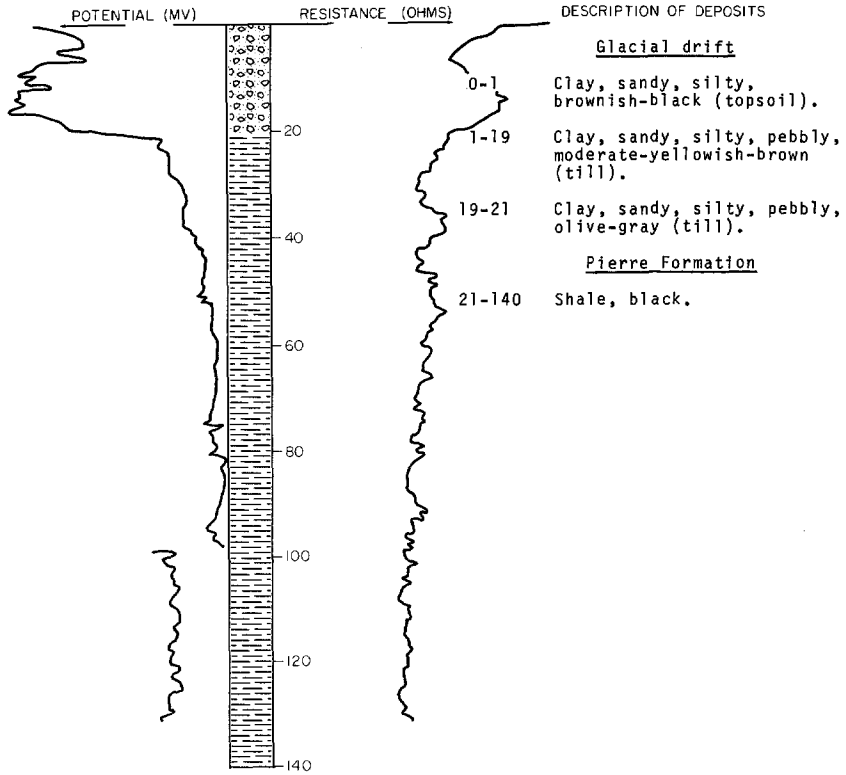


TABLE 4.--Chemical analyses of ground water
(Analyses are in milligrams per liter, except as otherwise noted)

| WELLS COUNTY | LOCAL NUMBER | MAJOR ANION | DEPTH OF WELL (FT.) | DATE SAMPLE | SILICA (MG/L) | TOTAL IRON (MG/L) | CALCIUM (MG/L) | MAGNESIUM (MG/L) | SODIUM (MG/L) | THIAMINE (MG/L) | TRICHLOROMETHANE (MG/L) | CHLORIDE (MG/L) | FLUORIDE (MG/L) | NITRATE (MG/L) | BORON (MG/L) | DISSOLVED SOLIDS (MG/L) | HARDNESS (MG/L) | NON-HARDNESS (MG/L) | SODIUM-SULFATE RATIO | PERCENT SODIUM | SPECTROSCOPIC DISTANCE (MUS) | PH | TEMPERATURE (DEG C) |
|--------------|--------------|-------------|---------------------|-------------|---------------|-------------------|----------------|------------------|---------------|-----------------|-------------------------|-----------------|-----------------|----------------|--------------|-------------------------|-----------------|---------------------|----------------------|----------------|------------------------------|-----|---------------------|
| 0551 | 1490521000 | 0551 | 39 | 04-10-47 | 25 | 260 | 172 | 97 | 86 | 20 | 306 | 0 | 562 | 26 | 22 | 1170 | 665 | 614 | 1.5 | 21 | 1300 | 7.7 | --- |
| 0551 | 1490521001 | 0551 | 78 | 04-10-47 | 35 | 600 | 109 | 61 | 146 | --- | 443 | 0 | 406 | 22 | --- | --- | 523 | --- | --- | --- | --- | --- | --- |
| 0551 | 1490521002 | 0551 | 78 | 07-12-46 | --- | 600 | 172 | 52 | 280 | --- | 378 | 0 | 479 | 20 | --- | --- | 772 | --- | --- | --- | --- | --- | --- |
| 0551 | 1490521004 | 0551 | 44 | 07-12-46 | --- | 400 | 175 | 54 | 128 | --- | 373 | 0 | 4790 | 350 | --- | --- | 610 | --- | --- | --- | --- | --- | --- |
| 0551 | 1490521005 | 0551 | 37 | 07-12-46 | --- | 2300 | 311 | 125 | 1047 | --- | 588 | 29 | 3091 | 163 | --- | --- | 1288 | --- | --- | --- | --- | --- | --- |
| 0551 | 1490521006 | 0551 | 44 | 07-12-46 | --- | 1000 | 99 | 57 | 1047 | --- | 847 | 0 | 174 | 1263 | --- | --- | 488 | --- | --- | --- | --- | --- | --- |
| 0551 | 1490521007 | 0551 | 145 | 07-12-46 | 28 | 240 | 99 | 26 | 140 | 6.2 | 325 | 0 | 344 | 33 | 150 | 794 | 364 | 249 | 3.2 | 45 | 1200 | 8.0 | --- |
| 0551 | 1490521008 | 0551 | 42 | 08-27-47 | 24 | 550 | 174 | 78 | 615 | 14 | 498 | 0 | 1640 | 33 | --- | 880 | 2860 | 787 | 3.4 | 5.7 | 3640 | 7.9 | 7.5 |
| 0551 | 1490521009 | 0551 | 740 | 04-28-48 | 26 | 0 | 96 | 17 | 106 | 7.9 | 403 | 0 | 178 | 22 | 0 | 636 | 308 | 0 | 2.4 | 42 | 969 | 7.8 | 6.5 |
| 0551 | 1490521010 | 0551 | 140 | 04-28-48 | 28 | 660 | 95 | 18 | 27 | 2.0 | 267 | 0 | 115 | 11 | 0 | 425 | 286 | 67 | 1.7 | 17 | 672 | 8.1 | 7.0 |
| 0551 | 1490521011 | 0551 | 120 | 04-28-48 | 29 | 3200 | 99 | 22 | 53 | 3.0 | 292 | 0 | 197 | 18.7 | 0 | 478 | 316 | 96 | 1.3 | 25 | 827 | 8.1 | 6.5 |
| 0551 | 1490521012 | 0551 | 93 | 04-28-48 | 30 | 0 | 87 | 17 | 50 | 2.3 | 257 | 0 | 106 | 10 | 0 | 369 | 275 | 64 | 1.8 | 19 | 617 | 8.2 | 6.5 |
| 0551 | 1490521013 | 0551 | 243 | 04-28-48 | 28 | 0 | 74 | 17 | 131 | 7.2 | 345 | 0 | 196 | 29 | 0 | 638 | 255 | 0 | 3.4 | 32 | 1020 | 7.8 | --- |
| 0551 | 1490521014 | 0551 | 140 | 04-28-48 | 28 | 360 | 98 | 27 | 58 | 3.1 | 288 | 0 | 168 | 19.1 | 0 | 491 | 319 | 85 | 1.0 | 26 | 797 | 8.2 | 10.0 |
| 0551 | 1490521015 | 0551 | 73 | 04-28-48 | 28 | 3200 | 98 | 27 | 58 | 3.1 | 288 | 0 | 168 | 19.1 | 0 | 491 | 319 | 85 | 1.0 | 26 | 797 | 8.2 | 10.0 |
| 0551 | 1490521016 | 0551 | 83 | 04-28-48 | 29 | 100 | 94 | 21 | 68 | 3.4 | 272 | 0 | 170 | 17 | 0 | 547 | 321 | 98 | 2.0 | 35 | 1020 | 7.9 | 9.0 |
| 0551 | 1490521017 | 0551 | 95 | 04-11-70 | 30 | 0 | 97 | 22 | 60 | 3.1 | 267 | 0 | 196 | 16 | 0 | 198 | 334 | 90 | 1.4 | 28 | 860 | 7.7 | --- |
| 0551 | 1490521018 | 0551 | 95 | 04-11-70 | 26 | 0 | 93 | 24 | 41 | 2.4 | 291 | 0 | 170 | 15 | 0 | 545 | 330 | 95 | 1.3 | 28 | 808 | 7.5 | 10.0 |
| 0551 | 1490521019 | 0551 | 95 | 04-11-70 | 26 | 0 | 92 | 23 | 52 | 2.9 | 282 | 0 | 173 | 17 | 0 | 562 | 326 | 86 | 1.3 | 28 | 810 | 7.4 | --- |
| 0551 | 1490521020 | 0551 | 95 | 04-11-70 | 26 | 0 | 92 | 23 | 51 | 2.4 | 280 | 0 | 170 | 17 | 0 | 555 | 326 | 86 | 1.3 | 28 | 809 | 7.4 | --- |
| 0551 | 1490521021 | 0551 | 70 | 04-27-48 | 28 | 200 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521022 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521023 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521024 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521025 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521026 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521027 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521028 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521029 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521030 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521031 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521032 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521033 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521034 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521035 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521036 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521037 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521038 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521039 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521040 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521041 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521042 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521043 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521044 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521045 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521046 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521047 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521048 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521049 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521050 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521051 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521052 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521053 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | 156 | 13.8 | 0 | 424 | 318 | 71 | 1.8 | 22 | 732 | 7.8 | --- |
| 0551 | 1490521054 | 0551 | 108 | 04-27-48 | 26 | 3000 | 98 | 25 | 48 | 3.5 | 285 | 0 | | | | | | | | | | | |

| LOCAL NUMBER | MAJOR AQUIFER | DEPTH OF WELL (FT.) | DATE OF SAMPLE | SILICA (SI02) (MG/L) | TOTAL IRON (FE) (UG/L) | CALCIUM (CA) (MG/L) | MAGNESIUM (MG) (MG/L) | SODIUM (NA) (MG/L) | POTASSIUM (K) (MG/L) | BICARBONATE (MG03) (MG/L) | CARBONATE (MG03) (MG/L) | SULFATE (SO4) (MG/L) | CHLORIDE (CL) (MG/L) | FLUORIDE (F) (MG/L) | NITRATE (NO3) (MG/L) | ARSENIC (AS) (UG/L) | DISSOLVED SILICA (RESIDUE AT 180°C) (MG/L) | HARDNESS (CA, MG) (MG/L) | NON-CARBONATE HARDNESS (MG/L) | SODIUM ADSORPTION RATIO | PERCENT SODIUM | SPECIFIC CONDUCTANCE (MICROHMOS) | PH | TEMPERATURE (DEG C) |
|----------------|---------------|---------------------|----------------|----------------------|------------------------|---------------------|-----------------------|--------------------|----------------------|---------------------------|-------------------------|----------------------|----------------------|---------------------|----------------------|---------------------|--|--------------------------|-------------------------------|-------------------------|----------------|----------------------------------|-----|---------------------|
| 153N05M320B4 | -- | 87 | 04-30-21 | -- | 130 | 29 | 14 | 420 | -- | 680 | 0 | 210 | 210 | -- | 4.5 | -- | -- | 130 | -- | -- | 88 | -- | -- | -- |
| 153N05M320B6 | K3PD | 120 | 08-29-47 | -- | 640 | 130 | 65 | 140 | -- | 490 | 0 | 440 | 35 | -- | -- | -- | -- | 38 | -- | -- | 97 | -- | -- | -- |
| 153N05M320C2 | -- | 60 | 07-11-47 | -- | 900 | 7.0 | 5.0 | 610 | -- | 540 | 46 | 380 | 330 | -- | -- | -- | -- | 38 | -- | -- | 97 | -- | -- | -- |
| 153N05M320D0 | -- | 100 | -- | -37 | -- | 400 | 21 | 25 | 500 | -- | 600 | -- | 470 | 180 | 1.0 | 6.7 | -- | 160 | -- | -- | 98 | -- | -- | -- |
| 153N05M320D6 | -- | 100 | 07-11-47 | -- | 400 | 32 | 18 | 520 | -- | 490 | 72 | 470 | 210 | -- | -- | -- | -- | 150 | -- | -- | 88 | -- | -- | -- |
| 153N05M320D0 | -- | 100 | 04-02-47 | -- | 1800 | 8.0 | 4.0 | 680 | -- | 690 | 84 | 40 | 560 | -- | -- | -- | -- | 36 | -- | -- | 98 | -- | -- | -- |
| 153N05M320D8 | -- | 96 | 07-11-47 | -- | 900 | 27 | 18 | 760 | -- | 560 | -- | 130 | 680 | -- | -- | -- | -- | 140 | -- | -- | 92 | -- | -- | -- |
| 153N05M320D1 | -- | 50 | 08-10-47 | 29 | 20 | 6.6 | 2.6 | 285 | 4.4 | 486 | 2 | 153 | 57 | .8 | 3.0 | 230 | 757 | 27 | 0 | 24 | 95 | 1230 | 8.3 | -- |
| 153N05M320D2 | -- | 108 | 04-02-47 | -- | 2200 | 38 | 16 | 470 | -- | 670 | 31 | 200 | 270 | -- | -- | -- | -- | 160 | -- | -- | 86 | -- | -- | -- |
| 153N05M320D01 | -- | 50 | 04-02-47 | -- | 3500 | 40 | 11 | 250 | -- | 410 | 50 | 180 | 78 | -- | -- | -- | -- | 170 | -- | -- | 76 | -- | -- | -- |
| 153N05M040B4 | K3PD | 67 | 05-10-69 | 22 | 13000 | 443 | 122 | 474 | 16 | 560 | 0 | 1910 | 185 | .1 | .1 | 590 | 3540 | 1610 | 1150 | 5.1 | 39 | 4150 | 7.5 | 10.0 |
| 153N06M040A0 | QG31 | 200 | 09-19-49 | -- | 400 | 101 | 65 | 568 | -- | 430 | -- | 1215 | 91 | -- | 6.5 | -- | -- | 519 | -- | -- | 70 | -- | -- | -- |
| 153N06M040A8A | -- | 100 | 05-10-69 | 26 | 0 | 97 | 29 | 949 | 15 | 560 | 0 | 1400 | 406 | .2 | .9 | 2000 | 3160 | 360 | 0 | 22 | 84 | 4580 | 7.7 | -- |
| 153N06M040C0C | K3PD | 140 | 08-05-68 | 23 | 260 | 35 | 9.1 | 1220 | 16 | 746 | 0 | 94 | 1510 | .4 | 1.8 | 4000 | 3190 | 125 | 0 | 47 | 95 | 5710 | 6.1 | -- |
| 153N06M040C0C | QG31 | 90 | 09-27-49 | -- | 900 | 48 | 41 | 39 | -- | 573 | -- | 117 | 78 | -- | 4.3 | -- | -- | 287 | -- | -- | 13 | -- | -- | -- |
| 153N06M040C0A | QG31 | 15 | 08-09-49 | -- | 200 | 120 | 89 | 324 | -- | 339 | -- | 600 | 20 | -- | -- | -- | -- | 688 | -- | -- | 51 | -- | -- | -- |
| 153N06M040C0B | QG31 | 15 | 08-11-70 | 23 | 780 | 88 | 44 | 67 | 9.0 | 615 | 0 | 274 | 8.6 | .0 | .0 | -- | 644 | 401 | 61 | 1.5 | 26 | 498 | 7.6 | 11.1 |
| 153N06M040C0C | QG31 | 74 | 20-01-54 | -- | 1900 | 305 | 190 | 270 | -- | 512 | -- | 1480 | 34 | 90 | 4.3 | -- | -- | 1596 | -- | -- | 29 | -- | -- | -- |
| 153N06M040C0B | QG31 | 62 | 09-15-49 | -- | 326 | 190 | 99 | -- | 596 | -- | 1110 | 107 | -- | 17 | -- | -- | -- | 1596 | -- | -- | 12 | -- | -- | -- |
| 153N06M040C0A | QG31 | 100 | 09-09-49 | -- | 3300 | 274 | 182 | 723 | -- | 532 | -- | 2475 | 38 | .4 | 4.3 | -- | -- | 1440 | -- | -- | 52 | -- | -- | -- |
| 153N06M040C0B | QG31 | 21 | 09-09-49 | -- | 94 | 40 | 17 | -- | 324 | -- | 146 | 14 | -- | 8.7 | -- | -- | -- | 399 | -- | -- | 8 | -- | -- | -- |
| 153N06M040C0C | QG31 | 21 | 08-11-70 | 22 | 440 | 110 | 37 | 55 | 5.2 | 351 | 0 | 244 | 5.8 | .5 | 14 | -- | 689 | 429 | 141 | 1.2 | 22 | 1010 | 7.5 | 10.0 |
| 153N06M040C0A | QG31 | 46 | 08-11-70 | 26 | 2800 | 254 | 40 | 202 | 11 | 403 | 0 | 433 | 44 | .5 | .0 | 240 | 1760 | 877 | 464 | 3.0 | 33 | 2250 | 7.4 | 10.0 |
| 153N06M040C0B | K3PD | 110 | 08-15-49 | -- | 4400 | 43 | 4.5 | 547 | -- | 650 | 27 | 754 | 32 | -- | 4.3 | -- | -- | 314 | -- | -- | 79 | -- | -- | -- |
| 153N06M040C0C | QG31 | 40 | 09-25-49 | -- | 300 | 14 | 4.0 | 440 | -- | 470 | -- | 499 | 15 | .1 | -- | -- | -- | 52 | -- | -- | 95 | -- | -- | -- |
| 153N06M040C0A | K3PD | 90 | 09-15-49 | -- | 700 | 38 | 61 | 575 | -- | 683 | -- | 805 | 124 | .2 | -- | -- | -- | 346 | -- | -- | 78 | -- | -- | -- |
| 153N06M040C0B | K3PD | 160 | 09-25-49 | -- | 5000 | 208 | 52 | 207 | -- | 585 | 49 | 662 | 20 | .7 | -- | -- | -- | 72 | -- | -- | 96 | -- | -- | -- |
| 153N06M040C0C | K3PD | 100 | 09-25-49 | -- | 2500 | 15 | 8.0 | 745 | -- | 557 | -- | 1118 | 53 | .2 | -- | -- | -- | 72 | -- | -- | 96 | -- | -- | -- |
| 153N06M040C0A | K3PD | 280 | 09-09-49 | -- | 3000 | 144 | 133 | 1535 | -- | 765 | -- | 8.0 | 3000 | -- | -- | -- | -- | 915 | -- | -- | 79 | -- | -- | -- |
| 153N06M040C0B | QG31 | 36 | 09-25-49 | -- | 1190 | 252 | 83 | 665 | -- | 499 | -- | 1719 | 157 | -- | -- | -- | -- | 972 | -- | -- | 60 | -- | -- | -- |
| 153N06M040C0C | QG31 | 30 | 09-25-49 | -- | 1300 | 52 | 20 | 659 | -- | 675 | -- | 724 | 236 | -- | 4.4 | -- | -- | 212 | -- | -- | 87 | -- | -- | -- |
| 153N06M040C0A | K3PD | 200 | 09-09-49 | -- | 1000 | 19 | 6.0 | 646 | -- | 710 | -- | 505 | 269 | .2 | 6.5 | -- | -- | 73 | -- | -- | 95 | -- | -- | -- |
| 153N06M040C0B | K3PD | 170 | 09-15-49 | -- | 300 | 48 | 64 | 633 | -- | 618 | 36 | 964 | 134 | .3 | 4.3 | -- | -- | 384 | -- | -- | 78 | -- | -- | -- |
| 153N06M040C0C | QG31 | 41 | 09-27-49 | -- | 300 | 245 | 39 | 815 | -- | 508 | -- | 1641 | 261 | .2 | 26 | -- | -- | 810 | -- | -- | 69 | -- | -- | -- |
| 153N06M040C0A | QG31 | 86 | 09-25-49 | -- | 1200 | 160 | 44 | 314 | -- | 490 | -- | 754 | 60 | -- | -- | -- | -- | 590 | -- | -- | 54 | -- | -- | -- |
| 153N06M040C0B | K3PD | 34 | 09-09-49 | -- | 800 | 242 | 47 | 127 | -- | 384 | -- | 694 | 27 | -- | 39 | -- | -- | 800 | -- | -- | 24 | -- | -- | -- |
| 153N06M040C0C | QG31 | 120 | 09-09-49 | -- | 4700 | 248 | 93 | 234 | -- | 432 | -- | 1013 | 76 | -- | -- | -- | -- | 1000 | -- | -- | 34 | -- | -- | -- |
| 153N06M040C0A | QG31 | 90 | 09-25-49 | -- | 4700 | 176 | 56 | 256 | -- | 495 | -- | 726 | 42 | -- | -- | -- | -- | 700 | -- | -- | 45 | -- | -- | -- |
| 153N06M040C0B | QG31 | 72 | 09-09-49 | -- | 500 | 42 | 146 | 401 | -- | 209 | -- | 1262 | 63 | -- | -- | -- | -- | 703 | -- | -- | 55 | -- | -- | -- |
| 154N05M040C0D1 | QG41 | 35 | 07-15-68 | 19 | 300 | 395 | 292 | 537 | 18 | 655 | 0 | 2340 | 150 | .0 | 58 | 440 | 4220 | 1940 | 1400 | 5.3 | 37 | 4580 | 7.7 | 6.5 |
| 154N05M040C0C | K3PD | 120 | 05-10-69 | 26 | 4930 | 65 | 22 | 1630 | 25 | 680 | 0 | 11 | 2310 | .1 | 1.7 | 3800 | 4210 | 253 | 0 | 44 | 93 | 7940 | 7.7 | 6.0 |
| 154N05M040C0B | K3PD | 80 | 05-10-69 | 28 | 620 | 16 | 5.8 | 801 | 12 | 584 | 0 | 24 | 685 | .3 | .7 | 3500 | 2090 | 64 | 0 | 43 | 96 | 3650 | 7.9 | 5.0 |
| 154N05M040C0A | K3PD | 90 | 07-15-68 | 23 | 267 | 27 | 9.9 | 818 | 11 | 697 | 0 | 1040 | 213 | .5 | 10 | 4600 | 2450 | 104 | 0 | 35 | 94 | 3540 | 7.9 | 12.0 |
| 154N05M040C0B | K3PD | 78 | 04-24-69 | 9.8 | -- | 54 | 22 | 82 | 11 | 274 | 0 | 151 | 18 | .3 | .2 | 40 | 478 | 223 | 0 | 4.0 | 43 | 745 | 7.4 | 7.0 |
| 154N05M040C0C | K3PD | 125 | 05-10-69 | 27 | -- | 19 | 5.5 | 761 | 11 | 965 | 0 | 34 | 666 | .3 | 2.9 | 3600 | 1990 | 70 | 0 | 40 | 95 | 3440 | 7.9 | 8.0 |
| 154N05M040C0A | K3PD | 120 | 07-15-68 | 24 | 4200 | 204 | 40 | 755 | 16 | 508 | 0 | 1550 | 270 | .2 | 1.3 | 1400 | 3000 | 711 | 294 | 12 | 69 | 4020 | 7.8 | 9.0 |
| 154N05M040C0B | K3PD | 73 | 07-15-68 | 25 | 1400 | 232 | 58 | 258 | 12 | 400 | 0 | 767 | 42 | .0 | .7 | 440 | 1770 | 820 | 491 | 3.9 | 40 | 2250 | 7.8 | 10.0 |
| 154N05M040C0A | K3PD | 80 | 05-10-69 | 26 | 0 | 77 | 20 | 785 | 13 | 644 | 0 | 359 | 792 | .5 | 5.1 | 2500 | 2380 | 275 | 0 | 21 | 85 | 3970 | 7.8 | -- |
| 154N06M040B0A | K3PD | 44 | 07-15-68 | 23 | 30 | 28 | 6.1 | 823 | 6.4 | 715 | 0 | 404 | 336 | .4 | 4.3 | 3400 | 1760 | 95 | 0 | 27 | 93 | 2760 | 7.8 | -- |
| 154N06M040C0A | K3PD | 81 | 09-08-67 | 11 | 3100 | 13 | 4.0 | 469 | 6.3 | 741 | 14 | 180 | 171 | .5 | 3.0 | 2900 | 1250 | 49 | 0 | 29 | 95 | 2050 | 8.3 | -- |
| 154N06M040C0B | K3PD | 110 | 05-10-69 | 25 | 250 | 210 | 60 | 2200 | 20 | 432 | 0 | 4880 | 213 | .2 | 22 | 2900 | 1940 | 806 | 268 | 35 | 85 | 9530 | 7.6 | -- |
| 154N06M040C0C | K3PD | 132 | 09-20-49 | -- | 290 | 55 | 118 | 1175 | -- | 877 | -- | 1750 | -- | .2 | 6.5 | -- | -- | 622 | -- | -- | 80 | -- | -- | -- |
| WALSH COUNTY | | | | | | | | | | | | | | | | | | | | | | | | |
| 155N05M040B0C | QG01 | 10 | 08-01-68 | 23 | 50 | 74 | 19 | 224 | 11 | 324 | 0 | 96 | 298 | .4 | 2.5 | 1500 | 932 | 265 | 0 | 6.0 | 64 | 1600 | 7.8 | 8.5 |
| 155N05M040B0A | QG41 | 134 | 04-01-68 | 21 | 7700 | 160 | 48 | 484 | 14 | 221 | 0 | 134 | 975 | .3 | 1.8 | 1400 | 2080 | 595 | 415 | 8.6 | 63 | 3540 | 7.8 | 6.0 |
| 155N05M040B0C | -- | 50 | 09-22-53 | -- | 6000 | 202 | 76 | 7.0 | -- | | | | | | | | | | | | | | | |

| LOCAL NUMBER | MAJOR AQUIFER ^{1/} | DEPTH OF WELL (FT.) | DATE OF SAMPLE | SILICA (SI102) (MG/L) | TOTAL IRON (IFE) (MG/L) | CALCIUM (ICA) (MG/L) | MAGNESIUM (IMG) (MG/L) | SODIUM (NAI) (MG/L) | POTASSIUM (K) (MG/L) | RICARBOONATE (MC03) (MG/L) | CARBONATE (C03) (MG/L) | SULFATE (S04) (MG/L) | CHLORIDE (CL) (MG/L) | FLUORIDE (F) (MG/L) | NITRATE (ND3) (MG/L) | ARSENIC (R) (UG/L) | DISSOLVED SOLIDS (RESIDUE AT 180°C) (MG/L) | HARDNESS (CA+MG) (MG/L) | NON-CARBONATE HARDNESS (MG/L) | SODIUM ADSORPTION RATIO | PERCENT SODIUM | SPECTIFIC CONDUCTANCE (MICRO-MHMS) | PH | TEMPERATURE (DEG C) | |
|----------------|-----------------------------|---------------------|----------------|-----------------------|-------------------------|----------------------|------------------------|---------------------|----------------------|----------------------------|------------------------|----------------------|----------------------|---------------------|----------------------|--------------------|--|-------------------------|-------------------------------|-------------------------|----------------|------------------------------------|------|---------------------|-----|
| 157N052406CB1 | K1PM | 220 | 08-09-68 | 16 | 0 | 48 | 23 | 1730 | 20 | 912 | 10 | 449 | 1970 | 3.0 | 2.0 | 4400 | 4580 | 216 | 0 | 51 | 94 | 7910 | 8.3 | 7.5 | |
| 157N052407GD | K1PM | 317 | 06-14-68 | 10 | 1400 | 46 | 21 | 1710 | 21 | 901 | 0 | 511 | 1980 | 3.0 | 9.5 | 4500 | 4670 | 207 | 0 | 52 | 94 | 7520 | 7.9 | -- | |
| 157N052411CCB | QG51 | 248 | 06-24-69 | 22 | 30 | 47 | 21 | 1560 | 20 | 871 | 0 | 605 | 1620 | 2.9 | 4.8 | 3300 | 3860 | 203 | 0 | 48 | 94 | 7070 | 8.0 | 9.0 | |
| 157N052421AAA | E | 225 | 05-24-69 | 21 | 0 | 59 | 31 | 1510 | 21 | 920 | 0 | 766 | 1920 | 2.9 | 14 | 3500 | 4380 | 276 | 0 | 40 | 92 | 7070 | 7.9 | -- | |
| 157N052432DD | QG41 | 100 | 05-24-69 | 10 | 1000 | 50 | 24 | 1560 | 22 | 701 | 0 | 1170 | 1370 | 3.4 | 15 | 3500 | 4600 | 224 | 0 | 45 | 93 | 7160 | 7.9 | -- | |
| 157N053006CB | QG01 | 14 | 07-21-67 | 29 | 380 | 348 | 175 | 200 | 14 | 570 | 0 | 374 | 811 | .2 | 5.0 | 310 | 2250 | 1590 | 1120 | 2.2 | 21 | 3680 | 7.7 | 16.0 | |
| 157N053104AC | K1PM | 180 | 07-19-67 | 13 | 220 | 45 | 24 | 1660 | 16 | 881 | 0 | 477 | 1880 | 1.9 | 6.2 | 3300 | 4160 | 210 | 0 | 50 | 94 | 7770 | 8.0 | -- | |
| 157N053113AC | K1PM | 230 | 04-26-21 | 7.6 | 700 | 43 | 26 | 1710 | 28 | 900 | 0 | 603 | 1882 | --- | --- | --- | 4799 | 227 | 0 | 94 | 94 | --- | --- | --- | |
| 157N053119CAB | K1PM | 200 | 07-21-67 | 15 | 2200 | 66 | 32 | 1330 | 14 | 751 | 0 | 754 | 1320 | 1.2 | 16 | 3200 | 4170 | 298 | 0 | 34 | 90 | 6330 | 8.2 | 7.0 | |
| 157N053220DC | QG41 | 160 | 08-02-67 | 6.9 | 4000 | 31 | 16 | 1580 | 15 | 825 | 0 | 1010 | 1320 | 3.7 | 5.0 | 1100 | 4590 | 142 | 0 | 58 | 95 | 6970 | 8.0 | 7.5 | |
| 157N054011CCD2 | QG01 | 12 | 07-27-67 | 24 | 100 | 288 | 137 | 256 | 7.8 | 397 | 0 | 263 | 868 | .2 | 35 | --- | 2260 | 1280 | 955 | 3.1 | 30 | 3540 | 7.5 | 11.0 | |
| 157N055210BC | K1PM | 496 | 04-20-21 | 14 | 500 | 29 | 17 | 1637 | --- | 866 | 0 | 988 | 1920 | --- | --- | --- | 142 | --- | --- | --- | 96 | --- | --- | --- | |
| 157N055219AD | K1PM | 433 | 10-02-67 | 7.2 | 3500 | 31 | 14 | 1760 | 17 | 693 | 11 | 914 | 1720 | 2.9 | 28 | 4900 | 4560 | 135 | 0 | 66 | 96 | 7860 | 8.4 | 7.5 | |
| 157N056148CC | QG01 | 70 | 09-08-67 | 27 | 900 | 185 | 89 | 29 | 7.3 | 353 | 0 | 476 | 5.8 | -.1 | 1.0 | 200 | 1020 | 735 | 445 | 1.0 | 8 | 1310 | 7.7 | 7.0 | |
| 157N056230AC | QG41 | 40 | 06-14-68 | 27 | 4400 | 281 | 97 | 14 | 4.7 | 521 | 0 | 495 | 3.4 | -.4 | 0 | 50 | 1180 | 097 | 449 | -.2 | 3 | 1460 | 7.3 | 7.5 | |
| 157N0564230RR | QG51 | 0 | 04-04-68 | 25 | 5400 | 192 | 47 | 33 | 5.6 | 418 | 0 | 373 | 15 | -.2 | 0 | 150 | 918 | 671 | 328 | -.6 | 10 | 1230 | 7.9 | 7.0 | |
| 157N056424ABR | QG41 | 40 | 05-09-68 | 25 | 0 | 103 | 26 | 3.9 | 3.1 | 319 | 0 | 89 | 0 | -.2 | 0 | 150 | 414 | 368 | 102 | -.1 | 2 | 1460 | 7.7 | 8.0 | |
| 157N058180DD | K3PD | 100 | 07-17-68 | 22 | 70 | 146 | 58 | 1170 | 17 | 647 | 0 | 2060 | 333 | .2 | 15 | 3800 | 4520 | 603 | 73 | 21 | 80 | 5510 | 7.8 | 5.0 | |
| 157N058180DD | K3PD | 100 | 08-27-68 | 27 | 0 | 224 | 80 | 1320 | 22 | 710 | 0 | 2630 | 340 | 2.1 | 18 | 3800 | 5076 | 890 | 307 | 19 | 76 | 6440 | 7.9 | 6.5 | |
| 157N0594150DH | K3PD | 100 | 05-24-69 | 25 | 12000 | 172 | 69 | 1310 | 20 | 558 | 0 | 750 | 407 | -.1 | 2.6 | 2600 | 4920 | 716 | 236 | 21 | 79 | 6390 | 7.5 | --- | |
| 157N0594340DH | K3PD | 150 | 05-24-69 | 28 | 1800 | 356 | 277 | 1350 | 23 | 491 | 0 | 2690 | 1310 | .2 | 36 | 1400 | 6580 | 2030 | 1630 | 13 | 59 | 8300 | 7.5 | --- | |
| 158N0514178BB | QG01 | 40 | 05-12-69 | 8.6 | 20 | 99 | 64 | 177 | 11 | 148 | 0 | 320 | 324 | .2 | 36 | 3.5 | 0 | 1120 | 510 | 388 | 3.4 | 42 | 1840 | 6.9 | --- |
| 158N051429CDC | E | 300 | 08-19-69 | 18 | 11000 | 1390 | 583 | 6180 | 55 | 85 | 0 | 1650 | 12800 | -.4 | 0 | 1900 | 23900 | 5870 | 5800 | 35 | 69 | 34300 | 6.9 | 7.0 | |
| 158N051431CCC | --- | 280 | 08-18-69 | 24 | 7500 | 150 | 64 | 2600 | 61 | 565 | 0 | 1090 | 3430 | 4.0 | 0 | 4200 | 8060 | 639 | 176 | 45 | 89 | 12900 | 7.8 | 7.0 | |
| 158N052228AA | QG51 | 183 | 08-19-69 | 15 | 5400 | 1050 | 388 | 7600 | 160 | 207 | 0 | 1790 | 13900 | 1.4 | 0 | 4600 | 26200 | 4220 | 4050 | 52 | 80 | 37400 | 7.4 | 7.0 | |
| 158N053423CCC | K1PM | 180 | 07-26-67 | 9.5 | 3300 | 52 | 23 | 1750 | 15 | 892 | 0 | 445 | 2090 | 2.8 | 7.5 | 1100 | 5180 | 226 | 0 | 51 | 94 | 8330 | 8.1 | 6.5 | |
| 158N053430CDD | K1PM | 195 | 07-25-67 | 13 | 4200 | 12 | 23 | 1690 | 14 | 891 | 0 | 411 | 1900 | 2.8 | 6.0 | 3000 | 4490 | 123 | 0 | 66 | 96 | 7750 | 8.1 | 7.0 | |
| 158N054050ACB | E | 332 | 10-02-67 | 21 | 400 | 254 | 108 | 3410 | 30 | 451 | 0 | 886 | 5100 | 1.7 | 63 | 4500 | 10270 | 1080 | 710 | 45 | 87 | 16700 | 8.1 | 8.5 | |
| 158N054050ACB | E | 332 | 06-14-68 | 16 | 5400 | 245 | 114 | 3610 | 44 | 475 | 0 | 1020 | 5210 | 1.9 | 17 | 6900 | 10900 | 1090 | 699 | 48 | 87 | 16000 | 7.3 | 7.5 | |
| 158N054050BCB | K1PM | 244 | 04-04-68 | 13 | 4600 | 99 | 36 | 1860 | 24 | 790 | 0 | 538 | 2250 | .7 | 42 | 4700 | 5380 | 396 | 0 | 41 | 90 | 8400 | 8.0 | 5.3 | |
| 158N054180AC1 | K1PM | 246 | 04-04-68 | 9.7 | 4500 | 46 | 15 | 1190 | 15 | 559 | 19 | 325 | 1350 | .2 | 34 | 2900 | 3420 | 176 | 0 | 39 | 93 | 5410 | 8.4 | 5.5 | |
| 158N054180AC2 | QR21 | 22 | 04-13-67 | --- | 1900 | --- | --- | 23 | --- | 429 | 0 | 159 | 22 | --- | 4.0 | --- | 646 | 900 | 149 | -.4 | --- | --- | 1040 | 7.4 | --- |
| 158N054180AC3 | QR21 | 69 | 04-13-67 | --- | 420 | --- | --- | 212 | --- | 327 | 0 | 343 | 485 | --- | 2.0 | --- | 1640 | 950 | 583 | 3.2 | --- | --- | 2440 | 7.4 | --- |
| 158N055328AA | QG02 | 18 | 11-20-67 | 26 | 820 | 88 | 22 | 12 | 2.9 | 301 | 0 | 64 | 5.3 | -.3 | 17 | 440 | 376 | 309 | 62 | -.2 | 8 | 598 | 8.0 | --- | |
| 158N056229DD | QG01 | 32 | 09-08-67 | 27 | 320 | 104 | 22 | 7.2 | 3.9 | 284 | 0 | 98 | 6.9 | .2 | 30 | 0 | 451 | 350 | 117 | -.2 | 4 | 665 | 8.2 | 5.5 | |
| 158N056429DD | QG03 | 6 | 04-28-67 | 31 | 360 | 78 | 28 | 32 | 4.0 | 221 | 0 | 176 | 13 | -.3 | 8.5 | 150 | 495 | 310 | 129 | -.8 | 18 | 709 | 8.1 | 15.0 | |
| 158N056434RRB | QG51 | 103 | 08-26-69 | 27 | 3000 | 173 | 51 | 46 | 7.6 | 339 | 0 | 444 | 15 | -.5 | 1.0 | 150 | 896 | 641 | 363 | -.8 | 13 | 1280 | 7.7 | --- | |
| 158N058704AA | K3PD | 137 | 07-17-69 | 22 | 120 | 24 | 6.6 | 608 | 9.1 | 809 | 10 | 218 | 390 | -.2 | 2.5 | 360 | 1870 | 87 | 0 | 28 | 93 | 2720 | 8.3 | 5.5 | |
| 158N0594340DD | K3PD | 97 | 07-17-68 | 21 | 120 | 47 | 12 | 1280 | 19 | 920 | 0 | 25 | 1510 | -.4 | 11 | 5400 | 3220 | 166 | 0 | 43 | 94 | 5760 | 8.0 | 5.0 | |

1/ See table 1, page 16, for explanation.

TABLE 5.--Chemical analyses of water from lakes, rivers, and municipal supplies, Nelson and Walsh Counties

(Analyses are in milligrams per liter, except as otherwise noted)

| Location | Lake, river, or municipal supply | Date of collection | Temperature (°C) | Silica (SiO ₂) | Total iron (Fe) (µg/l) | Calcium (Ca) | Magnesium (Mg) | Sodium (Na) | Potassium (K) | Bicarbonate (HCO ₃) | Carbonate (CO ₃) | Sulfate (SO ₄) | Chloride (Cl) | Fluoride (F) | Nitrate (NO ₃) | Boron (µg/l) | Dissolved solids | | Hardness as CaCO ₃ | | Percent sodium | Specific conductance (micro-mhos at 25°C) | pH | |
|--------------------|----------------------------------|--------------------|------------------|----------------------------|------------------------|--------------|----------------|-------------|---------------|---------------------------------|------------------------------|----------------------------|---------------|--------------|----------------------------|--------------|---------------------------------|-------|-------------------------------|--------------|----------------|---|-------|-----|
| | | | | | | | | | | | | | | | | | Residue on evaporation at 180°C | Sum | Calcium magnesium | Noncarbonate | | | | |
| Aneta | Municipal supply | 8-11-70 | 12 | 22 | 200 | 105 | 28 | 103 | 6.2 | 403 | 0 | 260 | 18 | 0.1 | 0 | 0 | 772 | 742 | 376 | 45 | 37 | 1110 | 7.6 | |
| McVillie | Municipal supply | 8-11-70 | - | 26 | 5200 | 80 | 11 | 40 | 1.9 | 261 | 0 | 79 | 3.4 | 16 | 0 | 0 | 323 | 393 | 243 | 29 | 26 | 619 | 7.7 | |
| Taina | Municipal supply | 8-11-70 | 11 | 27 | 720 | 46 | 11 | 464 | 7.0 | 591 | 0 | 128 | 418 | .9 | .3 | 960 | 1390 | 1390 | 160 | 0 | 86 | 2380 | 7.7 | |
| Homme Reservoir | Lake | 10- 8-70 | 11.2 | 17 | 60 | 56 | 26 | 42 | 6.6 | 178 | 0 | 182 | 11 | .4 | 1.1 | 70 | 436 | 430 | 246 | 100 | 26 | 671 | 7.6 | |
| Homme Reservoir | Lake | 10- 8-70 | 11.2 | 18 | 100 | 58 | 26 | 42 | 6.6 | 177 | 0 | 185 | 9.8 | .4 | 1.1 | 130 | 457 | 434 | 250 | 105 | 26 | 673 | 7.6 | |
| McVillie Reservoir | Lake | 10-12-70 | 24.5 | 21 | 100 | 58 | 51 | 80 | 6.2 | 335 | 0 | 231 | 13 | .5 | 2.5 | 70 | 605 | 628 | 353 | 78 | 33 | 942 | 7.5 | |
| 149-59-24BCB | Sheyenne River | 7-20-67 | - | 16 | 360 | 80 | 38 | 168 | 9.9 | 487 | 0 | 232 | 25 | .8 | 1 | 200 | 791 | 810 | 305 | 0 | 54 | 1190 | 8.0 | |
| 150-60-34DBB | Sheyenne River | 10-30-69 | - | 6.9 | 5200 | 51 | 33 | 120 | 8.7 | 419 | 0 | 143 | 21 | .2 | 0 | 0 | 600 | 591 | 265 | 0 | 49 | 954 | 7.9 | |
| 161-60-7 | West Stump Lake | 11-10-48 | - | - | - | 82 | 438 | 1243 | - | 296 | 0 | 3025 | 936 | 0 | 1 | - | 6584 | - | 1955 | - | - | - | 7.5 | |
| 161-60-7 | West Stump Lake | 7-23-49 | - | - | - | 50 | 328 | 1305 | - | - | 0 | 3025 | - | - | - | - | 5970 | - | - | - | - | 6150 | - | |
| 161-60-78DD | West Stump Lake | 7-24-69 | 19 | 9.0 | 0 | 123 | 256 | 1160 | 93 | 369 | 0 | 2770 | 650 | .1 | 0 | 1100 | 5240 | 5610 | 1360 | 1060 | 63 | 6840 | 8.1 | |
| 161-60-29ADC | East Stump Lake | 10-19-48 | - | - | 0 | 23760 | 3890 | 13700 | - | 666 | 648 | 82000 | 13540 | - | 0 | - | 127460 | - | 77000 | - | - | - | 64200 | 8.4 |
| 161-60-29ADC | East Stump Lake | 7-23-49 | - | - | - | - | 7000 | 14500 | - | - | - | 47200 | - | - | - | - | 113800 | - | 28800 | - | - | - | 64200 | 8.4 |
| 161-60-29ADC | East Stump Lake | 7-30-69 | - | 13 | 640 | 440 | 3980 | 19900 | 778 | 779 | 27 | 49200 | 5300 | .1 | 1 | 6600 | 86300 | 80000 | 17500 | 16800 | 70 | 64700 | 7.7 | |
| 166-52-31DAA | Forest River | 8-19-69 | - | 25 | 400 | 87 | 24 | 37 | 6.5 | 302 | 0 | 118 | 32 | .6 | 1 | 0 | 481 | 508 | 315 | 67 | 20 | 772 | 7.7 | |
| 157-51- 60DD | Park River | 8-21-69 | - | 16 | 2300 | 388 | 204 | 5950 | 106 | 185 | 0 | 1500 | 9600 | 2.2 | 35 | 6000 | 17900 | 17900 | 1810 | 1660 | 87 | 28200 | 7.1 | |
| 157-52-18ABB | Park River | 9-22-69 | 18 | 19 | 60 | 96 | 23 | 121 | 8.8 | 234 | 0 | 241 | 115 | .3 | 1 | 0 | 787 | 787 | 334 | 142 | 43 | 1180 | 7.8 | |
| 157-52-18ABB | Park River | 12-23-69 | 0 | 17 | 100 | 109 | 35 | 115 | 8.3 | 320 | 0 | 272 | 89 | .1 | 1 | 300 | 805 | 831 | 415 | 153 | 37 | 1950 | 7.8 | |
| 157-52-18ABB | Park River | 2- 9-70 | 0 | 21 | 80 | 125 | 43 | 106 | 8.9 | 364 | 0 | 312 | 80 | .1 | 2.5 | 70 | 878 | 911 | 488 | 189 | 32 | 1330 | 7.8 | |
| 157-52-18ABB | Park River | 3- 9-70 | 0 | 19 | 120 | 127 | 36 | 85 | 8.6 | 339 | 0 | 285 | 67 | .5 | 2.2 | 0 | 839 | 797 | 466 | 188 | 28 | 1230 | 7.8 | |
| 157-52-18ABB | Park River | 4-21-70 | 1 | 27 | 2900 | 40 | 11 | 26 | 8.9 | 93 | 0 | 108 | 18 | .4 | 6.0 | 0 | 500 | 294 | 144 | - | 27 | 425 | 7.9 | |
| 157-52-18ABB | Park River | 5-25-70 | - | 19 | 1000 | 89 | 26 | 74 | 5.9 | 227 | 0 | 222 | 66 | .5 | 3.6 | 0 | 642 | 619 | 330 | 144 | 32 | 960 | 7.6 | |
| 157-52-18ABB | Park River | 6- 8-70 | 22 | 14 | 580 | 102 | 38 | 92 | 9.5 | 268 | 0 | 258 | 98 | .5 | 7.1 | 0 | 743 | 752 | 410 | 190 | 32 | 1180 | 7.6 | |
| 157-52-18ABB | Park River | 8- 6-70 | 24.5 | 13 | 560 | 101 | 36 | 129 | 8.1 | 284 | 0 | 254 | 133 | .2 | 1 | 400 | 831 | 816 | 399 | 166 | 41 | 1310 | 7.6 | |
| 157-52-18ABB | Park River | 10- 6-70 | - | 14 | 640 | 76 | 45 | 179 | 9.6 | 303 | 0 | 254 | 190 | 1.0 | 2 | 200 | 946 | 920 | 376 | 127 | 50 | 1530 | 7.9 | |
| 157-56-23DBB | Park River | 8-22-69 | - | 26 | 800 | 137 | 38 | 36 | 6.8 | 303 | 0 | 298 | 17 | .4 | 2 | 40 | 710 | 647 | 498 | 249 | 13 | 1040 | 7.8 | |
| 157-57-11ACD | Park River | 7-20-67 | - | 31 | 320 | 62 | 22 | 59 | 10 | 217 | 0 | 177 | 17 | .3 | .3 | 70 | 486 | 490 | 243 | 65 | 33 | 726 | 7.9 | |
| 158-52-36DDC | Salt Lake | 8-19-69 | - | 19 | 3300 | 385 | 209 | 6230 | 113 | 157 | 0 | 1560 | 9970 | 2.6 | 2.5 | 6300 | 18900 | 18600 | 1820 | 1690 | 87 | 29400 | 7.0 | |

¹Composite of four samples from various depths.
²North Dakota State Department of Health analysis.

TABLE 6A.--Particle-size analyses
(Data from U.S. Geological Survey and U.S. Bureau of Reclamation)

| Location | Depth in feet | Aquifer code | Percent particle size (diameter in millimeters) | | | | | | | | | | | |
|---------------------------|------------------|-----------------|---|--------------------------|----------------------------------|------------------------|------------------------|-----------------|-----------------------|---------------------|-------------|----------------|-----------------|-------------------------|
| | | | Clay <0.004 | Silt 0.004- 0.0625 | Sand | | | | | Gravel | | | | |
| | | | | | Very fine 0.0625- 0.125 | Fine 0.125- 0.25 | Medium 0.25- 0.5 | Coarse 0.5-1 | Very coarse 1-2 | Very fine 2-4 | Fine 4-8 | Medium 8-16 | Coarse 16-32 | Very coarse 32-64 |
| 149-57-34CCD ¹ | Surface | QG41 | 34.8 | 29.7 | 6.6 | 9.3 | 6.2 | 3.6 | 5.7 | 2.2 | 1.9 | - | - | - |
| 149-61-33DAD ¹ | Surface | QG41 | 30.2 | 35.0 | 6.8 | 9.1 | 10.7 | .4 | 2.5 | 3.3 | 2.0 | - | - | - |
| 150-59-29AAD ¹ | Surface | QG1G | 8.4 | 7.6 | 33.8 | 41.6 | 8.6 | - | - | - | - | - | - | - |
| 150-60-8CBC ¹ | Surface | QG41 | - | 7.7 | .5 | 3.5 | 11.1 | 11.9 | 13.2 | 15.1 | 12.8 | 8.6 | - | - |
| 151-59-29AAB ¹ | Surface | QG41 | 36.0 | 36.8 | 5.6 | 7.0 | 6.2 | 2.8 | 1.7 | 1.8 | 1.8 | .3 | - | - |
| 156-54-19CCD ² | 3 | QG01 | 18.4 | 30.2 | 20.6 | 22.3 | 3.6 | 2.5 | 2.4 | - | - | - | - | - |
| 156-55-5DDD ¹ | Surface | QG02 | - | 4.5 | .7 | 15.5 | 22.3 | 20.8 | 29.9 | 3.5 | 2.1 | .7 | - | - |
| 156-55-31DDD ² | 4 | QG41 | 10.1 | 15.7 | 3.1 | 37.7 | 19.8 | 9.0 | 2.7 | - | - | - | - | - |
| 156-56-38BB ² | 3 | QG41 | 15.4 | 16.5 | 5.5 | 19.6 | 17.9 | 17.8 | 9.3 | - | - | - | - | - |
| 156-56-12DAD ¹ | Surface | QG02 | 21.8 | 60.8 | 14.7 | 2.4 | .3 | - | - | - | - | - | - | - |
| 156-56-22CCC ² | 13 | QG03 | 6.2 | 20.0 | 1.7 | 6.2 | 15.0 | 29.9 | 21.8 | - | - | - | - | - |
| 157-53-16CCC ¹ | 145 | K1PM | 1.0 | .6 | 16.6 | 53.7 | 26.9 | 1.2 | - | - | - | - | - | - |
| 157-55-20BBB ² | 15.3 | QG02 | 13.4 | 4.2 | 6.0 | 45.5 | 16.4 | 9.8 | 4.5 | - | - | - | - | - |
| 20BBB ² | 23.0 | QG01 | 10.0 | 2.4 | 58.0 | 26.8 | 2.7 | 0 | - | - | - | - | - | - |
| 157-55-33BAA ¹ | Surface | QG01 | 34.8 | 26.5 | 8.2 | 12.0 | 13.3 | 3.8 | 1.4 | - | - | - | - | - |
| 157-56-16AAD ² | 16 | QG41 | 5.8 | 26.3 | 8.8 | 17.8 | 15.2 | 14.0 | 11.9 | - | - | - | - | - |
| 157-56-23CCD ¹ | Surface | QG41 | 17.4 | 44.6 | 15.1 | 13.3 | 6.4 | .5 | 1.2 | .8 | .3 | .4 | - | - |
| 157-56-24BCC ¹ | Surface | QG02 | 11.5 | 3.2 | 1.4 | 48.6 | 21.4 | 8.2 | 2.1 | 2.0 | 1.3 | .3 | - | - |
| 158-55-20BBB ² | 8 | QG02 | 7.4 | 6.3 | 1.5 | 7.7 | 25.0 | 41.8 | 10.2 | - | - | - | - | - |
| 20BBB ² | 15 | QG01 | 5.8 | 44.1 | 31.9 | 11.9 | 2.6 | 3.1 | .7 | - | - | - | - | - |
| 158-55-34DDD ² | 3 | QG01 | 29.4 | 20.0 | 41.3 | 7.8 | 1.0 | .9 | 0 | - | - | - | - | - |
| 34DDD ² | 9 | QG01 | 17.2 | 20.5 | 13.0 | 34.5 | 10.4 | 4.1 | 4.4 | - | - | - | - | - |
| 158-56-14CCC ² | 12.5 | QG01 | 17.3 | 19.9 | 2.8 | 4.6 | 5.1 | 12.9 | 37.3 | - | - | - | - | - |

¹Analyses by U.S. Geological Survey.
²Analyses by U.S. Bureau of Reclamation.

TABLE 6B.--Particle-size analyses
(Data from U.S. Army Corps of Engineers)

| Location | Depth in feet | Aquifer code | Percent retained on sieve (U.S. standard sieve sizes) | | | | | | |
|--------------|------------------|-----------------|---|-------------------|-----------------|----------------|----------------|----------------------|--------------------|
| | | | Clay and silt <200 (<0.074 mm) | Sand | | | | Gravel | |
| | | | | 200 (0.074 mm) | 40 (0.42 mm) | 10 (2.0 mm) | 4 (4.76 mm) | 3/4 inch (165 mm) | 3 inch (762 mm) |
| 155-56- 2BBB | 26.0 | QG03 | 9 | 30 | 53 | 3 | 5 | - | - |
| 2BBB | 32.0 | QG03 | 17 | 15 | 30 | 24 | 4 | - | - |
| 2BBB | 32.6 | QG03 | 76 | 23 | 1 | - | - | - | - |
| 2BBB | 34.0 | QG03 | 16 | 68 | 16 | - | - | - | - |
| 2BBB | 40.0 | QG03 | 32 | 50 | 15 | 3 | - | - | - |
| 155-56- 2BCB | 24.0 | QG03 | 12 | 14 | 55 | 13 | 6 | - | - |
| 2BCB | 30.0 | QG03 | 21 | 26 | 43 | 6 | 4 | - | - |
| 2BCB | 34.0 | QG03 | 9 | 9 | 30 | 17 | 32 | 3 | - |
| 2BCB | 36.0 | QG03 | 14 | 13 | 48 | 13 | 12 | - | - |
| 2BCB | 40.0 | QG03 | 8 | 11 | 49 | 19 | 13 | - | - |
| 2BCB | 46.0 | QG03 | 9 | 35 | 41 | 8 | 7 | - | - |
| 155-56- 2CCB | 4.0 | QG03 | 8 | 11 | 38 | 15 | 25 | 3 | - |
| 2CCB | 16.0 | QG03 | 13 | 16 | 63 | 4 | 4 | - | - |
| 2CCB | 20.0 | QG03 | 9 | 8 | 49 | 16 | 12 | 6 | - |
| 2CCB | 28.0 | QG03 | 7 | 5 | 35 | 20 | 33 | - | - |
| 2CCB | 34.0 | QG03 | 13 | 9 | 30 | 11 | 28 | 9 | - |
| 155-56-11CB | 30.0 | QG03 | 11 | 15 | 32 | 19 | 23 | - | - |
| 11CB | 36.0 | QG03 | 15 | 16 | 36 | 13 | 20 | - | - |
| 11CB | 44.0 | QG03 | 68 | 16 | 11 | 3 | 2 | - | - |
| 156-55-26CDC | 12.0 | QG03 | 20 | 41 | 34 | 5 | - | - | - |
| 26CDC | 16.0 | QG03 | 24 | 9 | 32 | 16 | 19 | - | - |
| 26CDC | 22.0 | QG03 | 7 | 5 | 14 | 6 | 11 | 57 | - |
| 26CDC | 28.0 | QG03 | 10 | 18 | 30 | 15 | 27 | - | - |
| 26CDC | 32.0 | QG03 | 17 | 53 | 28 | 2 | - | - | - |
| 156-56- 3DCC | 26.0 | QG03 | 11 | 15 | 67 | 3 | 4 | - | - |
| 3DCC | 32.0 | QG03 | 10 | 7 | 65 | 11 | 7 | - | - |
| 3DCC | 36.0 | QG03 | 8 | 10 | 48 | 19 | 15 | - | - |
| 3DCC | 40.0 | QG03 | 6 | 6 | 28 | 41 | 19 | - | - |
| 156-56-26ACB | 30.0 | QG03 | 20 | 32 | 45 | 3 | - | - | - |
| 26ACB | 34.0 | QG03 | 10 | 28 | 61 | 1 | - | - | - |

| Location | Depth in feet | Aquifer code | Percent retained on sieve (U.S. standard sieve sizes) | | | | | | |
|--------------|------------------|-----------------|---|----------------------|--------------------|-------------------|-------------------|-------------------------|-----------------------|
| | | | Clay and silt <200 (<0.074 mm) | Sand | | | | Gravel | |
| | | | | 200 (0.074 mm) | 40 (0.42 mm) | 10 (2.0 mm) | 4 (4.76 mm) | 3/4 inch (165 mm) | 3 inch (762 mm) |
| 156-56-26ACB | 40.0 | QG03 | 19 | 40 | 41 | - | - | - | - |
| 26ACB | 45.0 | QG03 | 93 | 5 | 2 | - | - | - | - |
| 26ACB | 48.0 | QG03 | 5 | 11 | 55 | 16 | 13 | - | - |
| 156-56-26DBC | 4.0 | QG03 | 8 | 12 | 32 | 15 | 24 | 9 | - |
| 26DBC | 14.0 | QG03 | 4 | 16 | 67 | 8 | 5 | - | - |
| 26DBC | 38.0 | QG03 | 10 | 15 | 55 | 14 | 6 | - | - |
| 26DBC | 42.0 | QG03 | 16 | 13 | 53 | 11 | 5 | 2 | - |
| 26DBC | 46.0 | QG03 | 8 | 9 | 50 | 17 | 16 | - | - |
| 26DBC | 58.0 | QG03 | 57 | 15 | 15 | 7 | 6 | - | - |
| 156-56-34ADB | 4.0 | QG03 | 60 | 39 | 1 | - | - | - | - |
| 34ADB | 16.1 | QG03 | 8 | 9 | 20 | 16 | 44 | 3 | - |
| 34ADB | 30.3 | QG03 | 13 | 32 | 54 | 1 | - | - | - |
| 34ADB | 33.6 | QG03 | 6 | 9 | 64 | 20 | 1 | - | - |
| 156-56-35CBB | 4.0 | QG03 | 7 | 10 | 16 | 9 | 27 | 31 | - |
| 35CBB | 10.0 | QG03 | 12 | 31 | 29 | 15 | 13 | - | - |
| 35CBB | 14.0 | QG03 | 20 | 55 | 22 | 3 | - | - | - |
| 35CBB | 40.0 | QG03 | 7 | 63 | 29 | 1 | - | - | - |
| 35CBB | 46.0 | QG03 | 13 | 10 | 30 | 23 | 24 | - | - |
| 35CBB | 50.0 | QG03 | 62 | 19 | 14 | 5 | - | - | - |