

7 1/2' Iowa City West Quad  
079-06W-10 CCCB  
1980 field located by D. Karsten

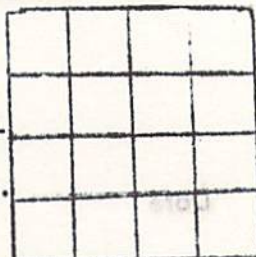
W14453

IOWA GEOLOGICAL SURVEY  
In Cooperation with U. S. Geological Survey  
RECORD OF WELL

Location:

Town: IOWA CITY (NE) County: JOHNSON  
(SW) (E)

SW/4 sec. 10 T. 79 N., R. 6 (W) Twp.



Well name and number

Owner S.U.I. WATER TREATMENT Address IOWA CITY, IOWA

Tenant PLANT Address

Contractor HORG & AMES, INC. Address LINCOLN, IOWA

Drillers

Drilling dates MAY 1963 - SEPT. 30, 1963

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface \_\_\_\_\_ feet 655'

Determined by \_\_\_\_\_

Topographic position \_\_\_\_\_

Total depth: Reported 1550 feet; Measured \_\_\_\_\_ feet

Drilling method CABLE TOOLS

Hole and casing data 16" CSG. SET AT 1063' - OPEN HOLE 1063' - 1550'

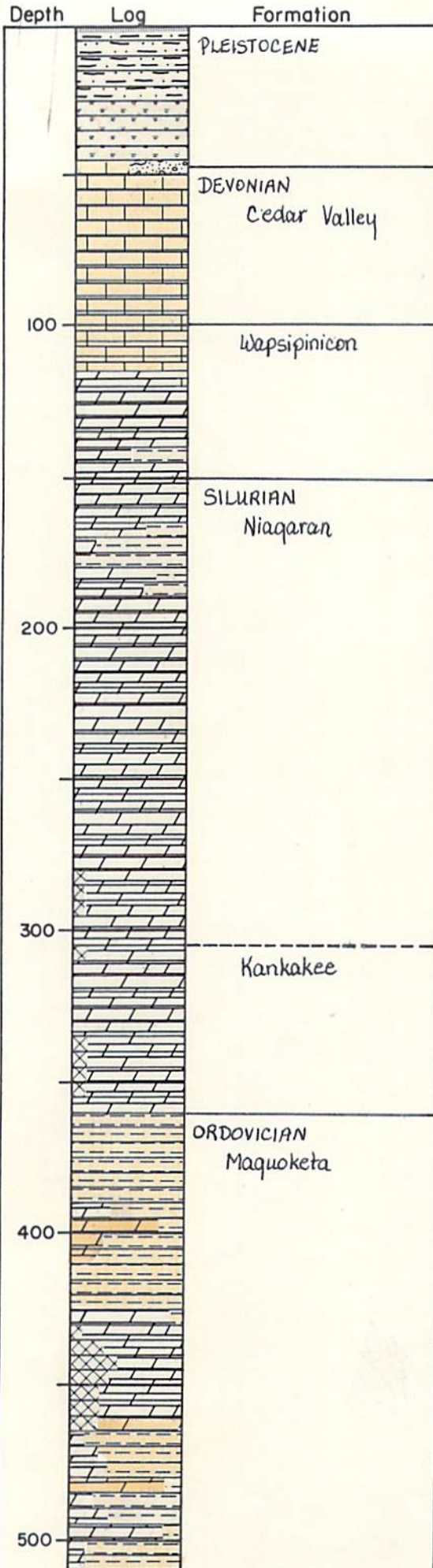
Original depth to water \_\_\_\_\_ ft. above \_\_\_\_\_ below \_\_\_\_\_ Date \_\_\_\_\_

Source of data \_\_\_\_\_

Bunker  
1976  
Location

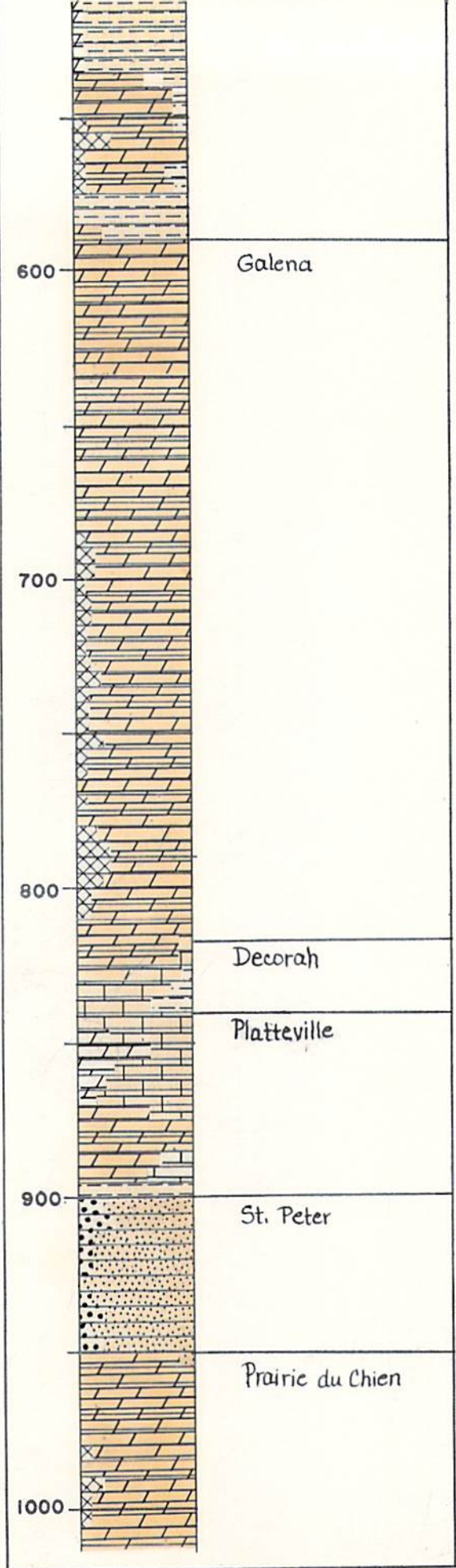
(topo elev.)  
650

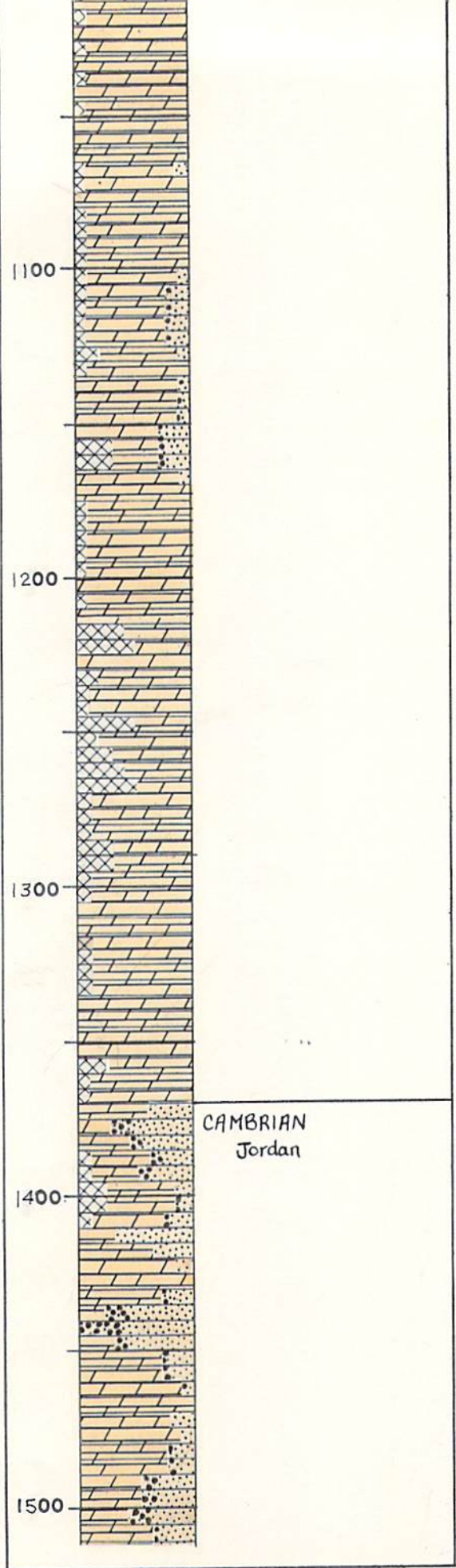




IOWA GEOLOGICAL SURVEY In Cooperation with U. S. GEOLOGICAL SURVEY Iowa City, Iowa		
Name <i>S.U.I. Treatment Plant</i>		State <i>Iowa</i>
Town <i>Iowa City</i>	County <i>Johnson</i>	Loc. <i>NE SESE</i>
Contractor <i>Hoeg &amp; Ames, Inc.</i>		Sec. <i>9</i>
Drilling Dates <i>May 10, 1963 - Oct. 9, 1963</i>		T. <i>79 N., R. 6 W.</i>
Casing Record		
<i>52'10" of 26" csg. = 0'-52'10"</i>		
<i>41' of 24" csg. = 159'-200'</i>		
<i>262'4" of 22" csg. = 350'-612'</i>		
<i>99'7" of 20" csg. = 865'-965'</i>		
<i>343' of 20" csg. = 0'-343'</i>		
<i>719'8" of 16" csg. = 343'-1063'</i>		
S.W.L. <i>44</i>		G.P.M. <i>1700</i> D.D. <i>202</i>
Remarks: <i>Main water = Prairie du Chien, Jordan, St. Lawrence.</i>		
		Elev. <i>655'</i>
		T.D. <i>1550'</i>
Logged By <i>Northup - 1963</i>		I.G.S. No. <i>W-14453</i>

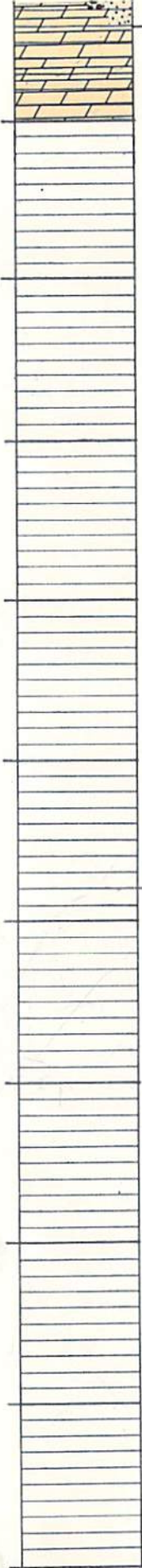
- Explanation of Colors
- Soil
  - Loess, Silt or Siltstone
  - Drift
  - Sand & Gravel
  - Shale
  - Sandstone
  - Limestone
  - Dolomite
  - Chert
  - Gypsum or Anhydrite
  - No Samples

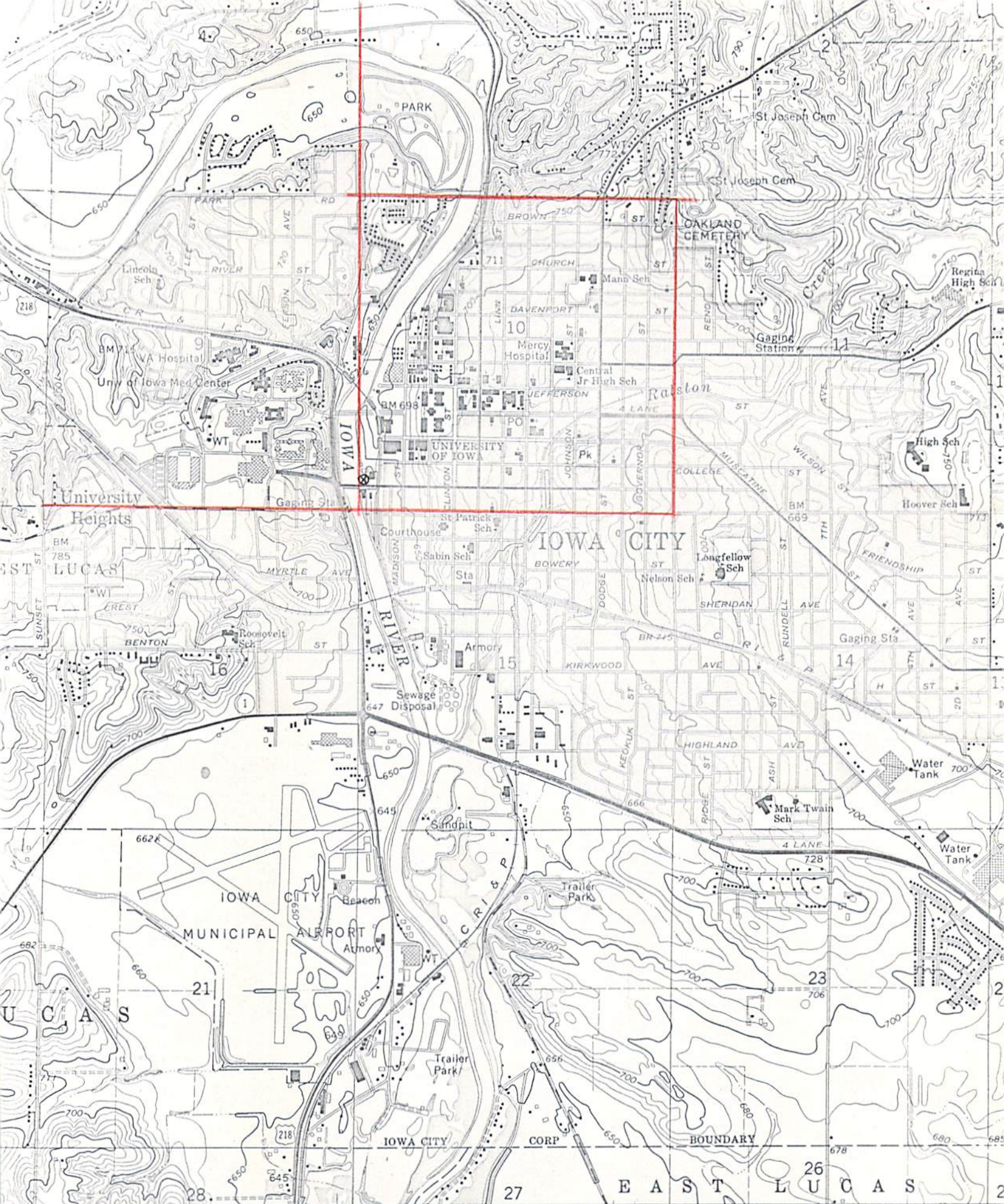




St. Lawrence

1600





24 000  
 HILLS 6 MI. MT. PLEASANT 47 MI.  
 32'30" 622 623000m E. INTERIOR—GEOLOGICAL SURVEY, WASHINGTON D C—1967  
 Iowa City (U.I. Treatment Plant)  
 NW SW SW SW Sec. 10, 79 N, 6 W  
 Elev. ~ 650'  
 1 MILE  
 ROAD CLASSIFICATION  
 Heavy-duty Light-duty

DNR

AUG 31 1998

GEOL. SURVEY

VIDEO

WATERWELL  
LOG

## Northway Well and Pump Co.

4896 8th Avenue • Marion, Iowa 52302 • Telephone 319-377-6339  
100 North 6th Street • Waukee, Iowa 50263 • Telephone 515-987-4576

CUSTOMER	University of Iowa	WELL NO.	Jordan	DATE	8-26-98
LOCATION	South of water plant, east of Cedar	CITY	Iowa City, Iowa		
TYPE OF CASING	Steel	River	SIZE	20" and 16"	
CASING LENGTH	20" +2 to 340'	16" 340' to 1059'	YEAR INSTALLED	1963	

FOOTAGE	CLOSED CIRCUIT TELEVISION FINDINGS
3'	Pitless spool
	Visible Casing Joints: 5'-252'-273'-316'-338'-359'-404'-
	445'-487'-571'-613'-696'-740'-824'-844'-867'-909'
172'	Static water level
	Crooked area: 118'-154'-1388'
340'	20" x 16" reducer
422'	Tree leaf
	Possible holes in casing: 384'-506'-676'-717'-939'-
	1003'-1044'-1012'
1059'	Bottom of 16" casing
	Formation fractures: 1259'-1264'-1312'-1405'
1433' to 1440'	Large crevice
1545'	Total depth
	Note: The well casing has many thin areas throughout
	its length. There is a large amount of mineral incrust-
	ation from 300' to 1059'. I would recommend the well be
	relined within the next five years to eliminate any
	severe casing failure.

KNOWLEDGE • EQUIPMENT • RELIABILITY • EXPERIENCE