

GEOLOGICAL BOARD

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STATE OF IOWA
IOWA GEOLOGICAL SURVEY

123 NORTH CAPITOL STREET
IOWA CITY, IOWA 52242

Phone: (319) 338-1173



*GW Huxley Town well folder
(1978)*

*Story Co.
see Broun*



Iowa
a place to grow

Stanley C. Grant
Director and State Geologist

Orville J. Van Eck
Associate State Geologist

Donald L. Koch
Assistant State Geologist

January 12, 1979

Terry Nauman
Varner Well and Pump Co.
Route 3, Box 237
Dubuque, IA 52001

Dear Mr. Nauman,

Two xerox copies of the strip log (from drillers chips) of the Jordan well in the town of Huxley are enclosed.

Formational contacts are summarized below:

Pleistocene

Not sampled	0- 35 ft.
Till	35-100 ft.
Sand and gravel	100-380 ft.

Mississippian

St. Louis Limestone	380- 400 ft.
Warsaw and Keokuk Formations	400- 500 ft.
argillaceous dolomite, shale at base	
Burlington and Gilmore City Formations	500- 560 ft.
argillaceous dolomite; skeletal and oolitic limestones	
Hampton Formation	560- 625 ft.
argillaceous limestones	
Chapin Formation dolomite	625- 640 ft.

Devonian

Maple Mill Formation	640- 685 ft.
shale, silty shale	
Aplington and Sheffield Formations	685- 735 ft.
dolomite and shale	
Lime Creek Formation	735- 890 ft.
limestone above; dolomite and shale below	
Cedar Valley Formation	890-1195 ft.
dolomitic limestone at top; dolomite and gypsum	
Wapsipinicon Formation	1195-1320 ft.
dolomite and gypsum	

Terry Nauman
January 12, 1979
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Director and State Geologist

Charles J. Van der Burgh

Assistant State Geologist

Silurian

chert (LaPorte City) 1320-1370 ft.
dolomite and chert 1370-1435 ft.

Ordovician

Maquoketa Formation 1435-1715 (?) ft.
shale, dolomite, limestone

Galena Formation 1715(?) - 1875 ft.
dolomite

Guttenberg and Spechts Ferry (Decorah) 1875-1900 ft.
limestone and shale

Platteville Formation and Glenwood shale 1900-1960 ft.
limestone

St. Peter Sandstone 1960-2000 ft.

Prairie du Chien Group 2000-2485 ft.

Willow River dolomite and sandy dolomite 2000-2180 ft.

Root Valley, sandy dolomite and sandstone 2180-2310 ft.

Oneota Dolomite 2310-2410 ft.

Root Valley, dolomite and sandy dolomite 2410-2485 ft.

Cambrian

Jordan Sandstone 2485-2525 ft.

St. Lawrence Formation 2525-2575 ft.
dolomite

Sincerely,

Brian J. Witzke
Stratigraphy and Economic Geology

BJW/tjj

enclosures