

HOWARD R. GREEN, CO.  
Geological Engineers

GEOLOGICAL FORECAST

CONSTRUCTION LOG

ELEV. WELL BASE  
1052.50

| EPOCH       | FORMATION                                       | DESCRIPTION   | THICKNESS<br>FEET | FROM<br>FEET | TO<br>FEET | CORRELATION<br>SYMBOLS | ELEVATION | TOTAL<br>DEPTH - FEET | LENGTH<br>SECTION - FEET | DIAMETER OF<br>CASE - INCHES | CASE NO. &<br>FRICES | CASE NO. IN<br>FEET | TYPE<br>CASE | WELL<br>THICKNESS |
|-------------|---|---|-------------------|--------------|------------|------------------------|-----------|-----------------------|--------------------------|------------------------------|----------------------|---------------------|--------------|-------------------|
|             |   |   |                   |              |            |                        |           |                       |                          |                              |                      |                     |              |                   |
| PLEISTOCENE | DRIFT   |   | 29                | 0            | 29         |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | NORWINTON                                       | DOLOMITE  | 46                | 29           | 75         |                        |           |                       |                          |                              |                      |                     |              |                   |
| SILURIAN    | KANKAKEE  | DOLOMITE  | 93                | 75           | 168        |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | MAQUOKETA                                       | BRAINARD<br>DOLOMITIC<br>SHALES   | 129               | 168          | 297        |                        |           |                       |                          |                              |                      |                     |              |                   |
| ORDOVICIAN  | FORT ATKINSON                                   | CHERTY<br>LIMESTONE   | 68                | 297          | 365        |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | CLEMONT   | SHALE   | 23                | 365          | 388        |                        |           | 402.7                 | 402.7                    |                              |                      |                     |              |                   |
|             | ELGIN   | LIMESTONE<br>DOLOMITE   | 52                | 388          | 440        |                        |           |                       |                          | 20                           | 19                   | 5                   | 500          |                   |
|             | GALENA  | LIMESTONE<br>AND<br>CHERTY  | 220               | 440          | 660        |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | DECONAH<br>BUTTEBERG<br>PLATTEVILLE<br>GLENWOOD | LIMESTONE<br>AND<br>SHALES  | 92                | 660          | 752        |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | ST. PETER                                       | SANDSTONE   | 50                | 752          | 802        |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | PRAIRIE<br>DU<br>CHIEN                          | DOLOMITE<br>SANDY<br>AND<br>CHERTY<br>NEW-<br>RICHMOND<br>SANDSTONE<br>'930'-960' | 369               | 802          | 1171       |                        |           |                       |                          |                              |                      |                     |              |                   |
|             |   | SHALE   | 5                 | 1171         | 1174       |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | JORDAN  | SANDSTONE   | 116               | 1174         | 1290       |                        |           |                       |                          |                              |                      |                     |              |                   |
|             | CAMBRIAN  | ST. LAWRENCE  | DOLOMITE          | 1290         |            |                        |           |                       |                          |                              |                      |                     |              |                   |
|             |   |   |                   |              |            |                        |           | 1328                  | 925.3                    | 19                           | OPEN HOLE            |                     |              |                   |

ALL DEPTHS ARE REFERED TO SURFACE ELEVATION OF 1050'

SCALE -  
HORIZONTAL: 1"=1'-0"  
VERTICAL: 1"=125'