

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
brown clay	0	9
soft blue clay	9	130
hard pan sand	130	150
sand & gravel	150	183
gray clay	183	207
broken rock	207	214
limestone	214	240

Total Depth **240**

Casing: 5" PVC SOLVENT WELD from 0' to 214'
5" ROCK from 214' to 240'
" from ' to '

Grout: BENTONITE from 0 to 214

Water from limestone at 214' to 240'

Static level 100' below casing top which is 1' above GL

Pumping level 118' when pumping at 20 gpm for 2 hr(s)

Permanent pump installed at 160' on 6/14/2024, with a capacity of 20 gpm

Remarks: Driller's Estimated Well Yield 80 gpm

Owner Address: 12N189 Randall Rd Elgin, IL

Address of well: 1 Pentwater Dr South Barrington, IL South Barrington IL

Location source: Global Positioning System verified

Verified by: VJA on 9/1/2024

Permit Date: March 26, 2024

Permit #: 031-073-24

COMPANY Brad Snelten

FARM Redwood Construction

DATE DRILLED May 1, 2024

NO. 1

ELEVATION '

COUNTY NO. 53471

LOCATION

LATITUDE 42.072778

LONGITUDE -88.170833

COUNTY Cook

API# 1203153471 00

34-42N-9E