

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
brown clay	0	8
SS#69218 (0'-100')	0	0
red clay	8	24
fine brown sand	24	30
fine sand with gravel	30	75
fine to medium sand with gravel	75	84
fine to coarse sand with gravel	84	98

Total Depth **98**

Casing: 24" STAINLESS STL SCREEN from 68' to 98'
 24" STEEL from -4' to 68'

Screen: 30' of 24" diameter 0.055 slot

Grout: NEAT CEMENT from 0 to 25
 BENTONITE CHIPS from 25 to 27
 SILICA GRAVEL from 27 to 98

Water from sand & gravel at 30' to 98'

Static level 38' below casing top which is 4' above GL

Pumping level 59' when pumping at 1808 gpm for 5 hr(s)

Permanent pump installed at 60' on 9/12/2003, with a capacity of 1200 gpm

Remarks: est well 2000 gpm, PICS 11994280 #2

Sample set # 69218 0' - 100' Received: 11/19/2003

Address of well:

Location source: Location from the driller

Permit Date: July 24, 2003

Permit #:

COMPANY Brotcke Engineering

FARM Collinsville, City of

DATE DRILLED August 16, 2003

NO. 12

ELEVATION 426'

COUNTY NO. 28236

LOCATION

LATITUDE 38.659254

LONGITUDE -90.022935

COUNTY Madison

API# 1211928236 00

31-3N-8W