

ILLINOIS STATE GEOLOGICAL SURVEY

Page 1

Water Well	Top	Bottom
brown silty clay	0	3
silty fine to medium sand	3	10
coarse sand & gravel	10	25
fine to meidum sand	25	43
coarse sand & gravel	43	56
fine to coarse sand with gravel	56	58
coarse gravel & boulders	58	59
blue clay	59	60

Total Depth

60

Casing: 16" STEEL from -11' to 45'

16" STAINLESS STL SCREEN from 45' to 60'

Screen: 15' of 16" diameter 0.055 slot

Grout: NEAT CEMENT from 0 to 25

SILICA GRAVEL from 25 to 60

Water from sand & gravel at 17' to 60'

Static level 26' below casing top which is 11' above GL

Pumping level 41' when pumping at 412 gpm for 4 hr(s)

Permanent pump installed at 55' on , with a capacity of 300 gpm

Remarks: driller's est. well yield 400 gpm

Sample set # 69358 0' - 60' Received: 8/3/2004

Address of well:

Location source: Location from the driller

Permit Date: January 31, 2003

Permit #:

COMPANY Brotcke Engineering

FARM Athens, City of

DATE DRILLED April 15, 2003

NO. 5

ELEVATION 505'

COUNTY NO. 21617

LOCATION 70'N line, 1457'W line of

LATITUDE 39.945644

LONGITUDE -89.999967

COUNTY Menard

API# 1212921617 00

4-17N-8W