

New York State well ID: N 14420. 1

[Link to NWIS Data](#)

USGS well ID: 403927073360501

[Link to GeoLog Locator](#)

Well Information

Latitude: 40°39'26.8" NAD83

Longitude: 73°36'05.1" NAD83

Land Surface Elevation: 15 ft NAVD88

Well depth: 1341 ft Screened interval: 1316 to 1336 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 10/16/2019

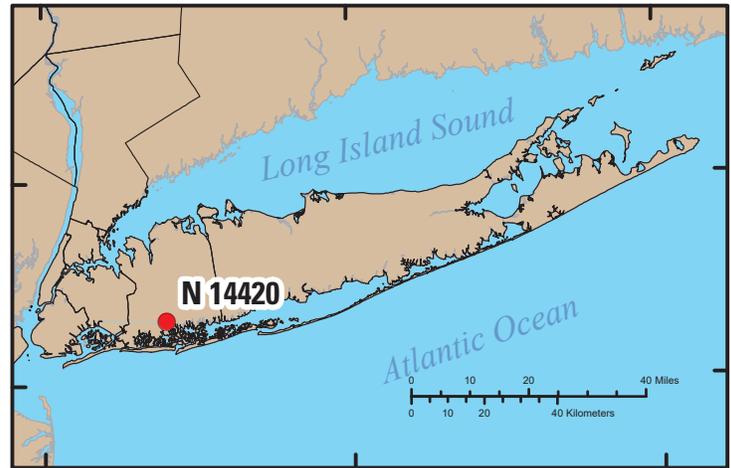
74°0'0"W

73°0'0"W

72°0'0"W

41°0'0"N

40°30'0"N



USGS Geologists Log

- 40 ft : Fine to medium sand, some clay
- 60 ft : Medium sand, 1.5" of clay
- 80 ft : Medium to coarse quartz sand, some clay, lignite powder
- 100 ft : Very dense black clay, lots of lignite
- 120 ft : Very dense clay, turning into medium to fine sandy clay, some muscovite
- 140 ft : Very fine silty sand, layers of fine lignite powder
- 160 ft : Fine to medium sand, large pieces of black lignite in clay layers, muscovite
- 180 ft : Silty clay and layers of dense clay, fine lignite powder and muscovite
- 200 ft : Fine silty sand, layers of fine lignite powder, muscovite and some clay
- 220 ft : Fine to medium sand, silty sand and clay, fine lignite powder and muscovite
- 240 ft : Fine to medium sand, silty sand and clay, fine lignite powder and muscovite
- 260 ft : Fine to medium sand, silty sand and muscovite
- 280 ft : Fine to medium sand, silty sand, fine lignite powder and muscovite
- 300 ft : Fine to medium sand, silty sand, fine lignite powder and muscovite
- 320 ft : Fine silty sand, fine lignite powder, muscovite
- 340 ft : Fine silty sand, fine lignite powder
- 360 ft : Fine silty sand, fine lignite powder and large pieces of lignite

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380 ft : Fine sand, some lignite
400 ft : Fine to medium sand, trace fine lignite powder
420 ft : Medium to coarse sand, trace lignite powder
440 ft : Fine sand, 2.5" of dense clay
460 ft : Very fine silty sand with layers of fine lignite powder and muscovite. 12" of dense clay
480 ft : Very fine sand, some lignite powder and muscovite
500 ft : Fine silty sand, 1.5" of dense clay, layered with lignite
520 ft : Fine silty sand, muscovite
540 ft : Fine to medium sand, some lignite powder and muscovite
560 ft : Fine silty sand, some lignite powder and muscovite
580 ft : Fine silty sand with layers of clay, muscovite, fine lignite powder and chunks of lignite
600 ft : Fine to medium silty sand, some coarse sand, fine lignite powder and muscovite
620 ft : Medium to coarse sand, some fine sand and clay
640 ft : Medium to large grained coarse sand, turning into small angular gravel
660 ft : Medium coarse sand, fine to medium angular gravel
680 ft : Fine silty sand, mixed with coarse medium sand and gravel
700 ft : Dense clay, some fine sand and pebbles
720 ft : Dense clay
740 ft : Dense clay
760 ft : Dense clay
780 ft : Fine silts and clays, lots of muscovite, some pyrite
800 ft : Fine silts and clays, fine lignite powder and muscovite
820 ft : Dense clay with layers of fine lignite powder
840 ft : Silty clay, trace coarse angular gravel
860 ft : Silty clay, trace coarse angular gravel
880 ft : Dense clay
900 ft : Fine sand
920 ft : Fine sand with muscovite
940 ft : Fine sand with muscovite, some silt
960 ft : Fine to medium sand
980 ft : Fine to medium sand

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1000 ft : Fine silty sand
1020 ft : Fine to coarse sand
1040 ft : Medium to coarse sand with fine to coarse gravel
1060 ft : Coarse sand, mixed with fine to large gravel
1080 ft : Medium to large coarse sand, some gravel
1100 ft : Medium silty sand, lots of gravel and small cobbles
1120 ft : Medium to coarse sand with fine to coarse subrounded gravel
1140 ft : Medium to coarse sand with some silt and fine gravel
1160 ft : Fine to medium sand
1180 ft : Medium to coarse sand with fine angular gravel
1200 ft : Coarse to very coarse sand
1210 ft : Fine silty sand mixed with very coarse sand and gravel
1220 ft : Coarse angular sand, some silt, lots of cobbles
1240 ft : Coarse white quartz sand, some silt
1260 ft : Medium silty white sand
1280 ft : Coarse sand and angular gravels, lots of cobbles
1300 ft : Coarse sand and angular gravels, lots of cobbles
1320 ft : Fine silty sand and small pebbles
1335 ft : Medium coarse sand, silty sand, some pebbles

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USGS Borehole Geophysical Logs

