

**New York State well ID:
OBS WELL AT ACKERLEY POND WELL FIELD**

Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=410338072264201&agency_cd=USGS

USGS well ID: 410338072264201

Link to GeoLog Locator

<https://webapps.usgs.gov/GeoLogLocator/#!/>

Well Information

Latitude: 41°03'37.62" NAD83

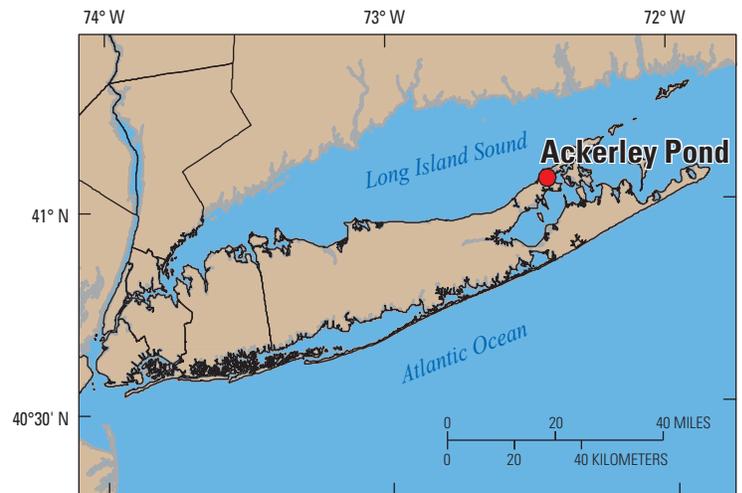
Longitude: 72°26'41.92" NAD83

Land Surface Elevation: 24 ft NAVD88

Well depth: 830 ft Screened Interval: 770 to 790 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 4/5/2022



USGS Geology Log

- 40 ft : Coarse sand and gravel
- 60 ft: Medium to coarse sand, small to large gravel
- 80 ft: Fine to coarse sand, small to large gravel
- 100 ft: Soft greyish-brown silty clay
- 120 ft: Soft greyish brown clay
- 140 ft: Soft greyish-brown clay
- 160 ft: Stiff brown clay
- 180 ft: Stiff brown clay
- 200 ft: Medium to coarse grey sand and small gravel
- 220 ft: Fine to medium grey sand
- 240 ft: Medium to coarse grey and reddish brown sand
- 260 ft: Fine to medium multicolored clayey sand with soft grey clay
- 280 ft: Medium light grey sand
- 300 ft: Fine to medium multicolored layered sand and clayey sand
- 320 ft: Silty fine light grey sand with some yellowish tan sand and muscovite
- 340 ft: Fine to medium light grey sand
- 360 ft: Fine to coarse multicolored sand and gravel
- 380 ft: Fine to medium light grey silty sand

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USGS Geology Log

400 ft: Fine to coarse multicolored silty sand and gravel with some muscovite
420 ft: Medium light grey and yellowish tan silty sand with some small gravel
430 ft: Larger gravels appearing in cuttings
440 ft: Fine to medium light grey silty sand and small to medium gravel
460 ft: Clayey light grey silt
480 ft: Light grey silt with minor gravel
500 ft: Fine to medium light grey sand
520 ft: Clayey light grey fine sand with minor gravel
540 ft: Silty light grey medium sand
560 ft: Soft grey clay
580 ft: Silty white fine to medium sand
600 ft: Fine to medium white silty sand
620 ft: Fine white silty sand
640 ft: Clayey light grey silt
660 ft: Medium to coarse light grey silty sand with muscovite
680 ft: Fine to medium white silty sand
700 ft: Fine to coarse white silty sand
720 ft: Clayey light grey silt
740 ft: Clayey multicolored silt
760 ft: Clayey light grey silt
770 ft: Multicolored silty fine sand and white clayey silt
780 ft: Fine to medium red sand
790 ft: Medium to coarse red and yellowish brown sand grading into hard varved white and red clay with layers of red, white and yellowish brown medium to coarse sand at bottom
800 ft: Medium multicolored sand and hard varved white and red clay
810 ft: Hard black clay with traces of pyrite
820 ft: White soft clay (saprolite) with coarse black sand
825 ft: Weathered bedrock
830 ft: Weathered bedrock

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USGS Borehole Geophysical Logs

