

**New York State well ID: S138398**

Link to NWIS Data

[https://nwis.waterdata.usgs.gov/nwis/inventory/?site\\_no=405654072401402&agency\\_cd=USGS](https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405654072401402&agency_cd=USGS)

**USGS well ID: 405654072401402**

Link to GeoLog Locator

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

**Well Information**

Latitude: 40°56'54.5" NAD83

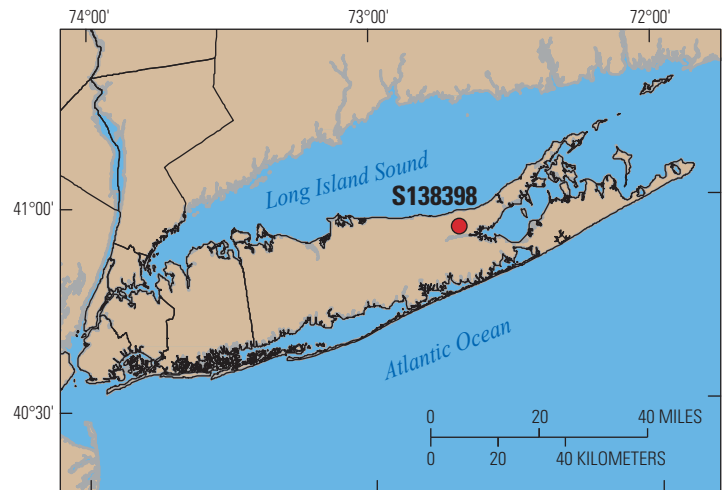
Longitude: 72°40'14.1" NAD83

Land Surface Elevation: 48 ft NAVD88

Well depth: 692 ft    Screened Interval: 667 to 687 ft

Screened aquifer: Magothy Aquifer

Well Completion Date: 8/12/2024



**USGS Geology Log**

- 70 ft: Soft light brown clay, some micaceous silt
- 90 ft: Soft light brown clay
- 110 ft: Fine to coarse brown sand, few gravels
- 130 ft: Medium to coarse brown sand
- 140 ft: Medium to coarse light brown sand, few small gravels
- 150 ft: Brown and light brown silt, very fine sand, trace coarse rounded gravels
- 160 ft: Fine to medium gray and brown sand, trace coarse gravels
- 170 ft: Fine to medium brown and gray sand, trace gravels
- 180 ft: Fine to medium brown sand, trace coarse sand and gravel
- 190 ft: Fine greenish-dark gray sand with few shells and mica
- 200 ft: Stiff greenish-gray clay with thin laminations of coarse sand, shells and muscovite mica
- 210 ft: Soft gray clay with thin laminations of silt or very fine sand
- 220 ft: Stiff gray clay
- 230 ft: Medium stiff gray clay
- 250 ft: Medium stiff gray clay
- 270 ft: Medium stiff gray clay
- 290 ft: Medium stiff grayish-brown varved clay (very thin laminations of silt)
- 310 ft: Medium stiff brown varved clay
- 330 ft: Medium stiff brown varved clay
- 350 ft: Medium stiff brown varved clay
- 370 ft: Medium stiff brown varved clay

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## USGS Geology Log

390 ft: Soft brown clay  
410 ft: Stiff brown varved clay  
430 ft: Medium stiff brown varved clay  
450 ft: Brown silt  
470 ft: Fine brown sand  
490 ft: Fine brown sand and sandy clay  
510 ft: Soft brown clay and fine sand  
530 ft: Medium stiff brown varved clay  
550 ft: Medium stiff brown varved clay  
570 ft: Brown silt  
590 ft: Medium stiff black varved clay  
610 ft: Fine to medium clayey gray and yellow sand, trace muscovite mica, thin bed of iron-stained sand and iron concretion  
630 ft: Fine to medium gray sand, few coarse sands  
650 ft: Silty fine light gray and yellowish sand  
670 ft: Silty fine to medium light gray sand, few gravels  
690 ft: Medium to coarse silty brown sand and gravel

## USGS Borehole Geophysics Log

**See log for S138397**