

**New York State well ID: S138397**

Link to NWIS Data

[https://nwis.waterdata.usgs.gov/nwis/inventory/?site\\_no=405654072401401&agency\\_cd=USGS](https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405654072401401&agency_cd=USGS)

**USGS well ID: 405654072401401**

Link to GeoLog Locator

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

**Well Information**

Latitude: 40°56'54.3" NAD83

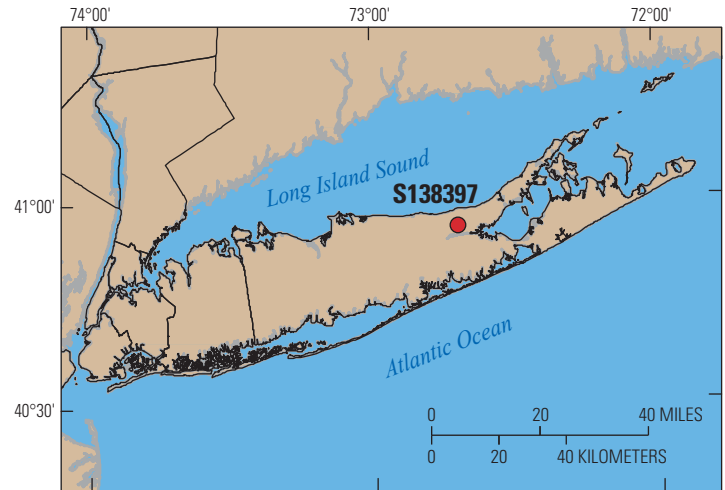
Longitude: 72°40'14.3" NAD83

Land Surface Elevation: 48 ft NAVD88

Well depth: 1205 ft Screened Interval: 1160 to 1180 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 8/12/2024



**USGS Geology Log**

- 60 ft: Fine to medium orangish-brown sand
- 80 ft: Soft silty grayish-brown clay
- 100 ft: Very soft brown clay
- 120 ft: Medium to coarse orangish-brown sand with trace gravel
- 140 ft: Fine to medium tan, light brown, brown, and iron-stained sand and broken gravel
- 160 ft: Fine to medium gray sand with trace gravel
- 180 ft: Silty fine grayish-brown sand with small piece of gray clay with gravel at top
- 200 ft: Silty medium dark gray sand with some shell fragments and muscovite mica grading into stiff dark gray clay with few shell fragments
- 220 ft: Medium stiff gray clay
- 240 ft: Medium stiff silty gray clay
- 260 ft: Soft gray clay
- 280 ft: Medium stiff silty grayish-brown varved clay
- 300 ft: Stiff silty brown varved clay
- 320 ft: Stiff silty brown varved clay
- 340 ft: Stiff silty brown varved clay
- 360 ft: Clayey brown sand and soft brown clay
- 380 ft: Stiff silty brown varved clay
- 400 ft: Clayey brown silt
- 420 ft: Stiff brown clay
- 440 ft: Medium stiff brown clay with lignite and few gravels, little fine brown sand
- 460 ft: Fine brown sand

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## USGS Geology Log

480 ft: Fine brown sand  
500 ft: Silty brown clay  
520 ft: Medium stiff silty grayish-brown clay, some sandy clay  
540 ft: Fine brown sand  
560 ft: Clayey brown silt  
580 ft: Clayey brown sand and brown clay  
600 ft: Cuttings- coarse sand and broken gravel  
620 ft: Cuttings- coarse broken sand  
640 ft: Silty fine to coarse white and yellow sand  
660 ft: Silty fine light gray and yellowish sand  
680 ft: Coarse sand, small to large rounded and broken gravels  
700 ft: Cuttings- coarse sand and broken gravel  
720 ft: Silty fine white sand with streaks of yellow and red  
740 ft: Silty fine grayish, white, pink, light gray, grayish-brown sand, thinly bedded with trace gravel  
760 ft: Silty white sand with traces of gravel and traces of red streaks  
780 ft: Silt and silty fine sand, layers of pink, light gray and yellow  
800 ft: Light gray silt and sandy light gray silt  
820 ft: Light gray silt and sandy silt  
840 ft: Light gray silt and sandy silt  
860 ft: Light gray silt, muscovite mica  
880 ft: Fine light gray and white sand  
900 ft: Stiff dark gray clay, light gray clayey silt with mica  
920 ft: Clayey light gray silt with mica  
940 ft: Silty fine light gray sand  
960 ft: Clayey light gray silt and silty fine light gray sand  
980 ft: Silty fine light gray sand  
1000 ft: Multicolored (pink, light gray, yellow) silt with muscovite mica  
1020 ft: Silty fine multicolored sand with muscovite mica  
1040 ft: Silty fine to medium light gray sand with trace gravels, very compact  
1060 ft: Sandy multicolored (pink, white, light gray) clay  
1078 ft: Cuttings- broken gravels and white clay  
1080 ft: Cuttings- sand and broken gravel  
1100 ft: Cuttings- sand and broken gravel with pieces of red clay  
1120 ft: Cuttings- coarse sand and broken gravel with some red coloration  
1140 ft: Cuttings- coarse sand and broken gravel, presence of white clay  
1160 ft: Cuttings- coarse sand and gravel with some white and red clay  
1180 ft: Cuttings- coarse sand and broken gravel

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## USGS Geology Log

1200 ft: Cuttings- coarse sand and broken gravel

1220 ft: Cuttings- coarse sand and small gravel, small pieces of white and yellowish clay

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### USGS Borehole Geophysical Logs

