

New York State well ID: S137718

Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405817072100801&agency_cd=USGS

USGS well ID: 405817072100801

Link to GeoLog Locator

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

Well Information

Latitude: 40°58'16.5" NAD83

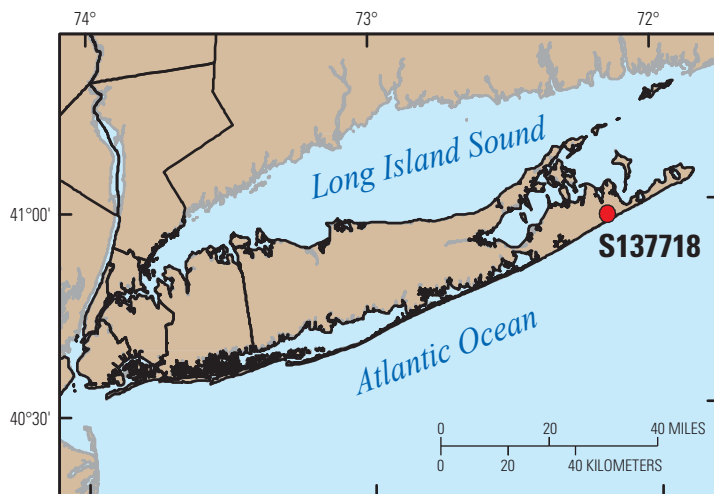
Longitude: 72°10'08.3" NAD83

Land Surface Elevation: 58 ft NAVD88

Well depth: 1320 ft Screened Interval: 1260 to 1280 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 7/12/2023



USGS Geology Log

- 100 ft: Poorly sorted medium to coarse brown sand, gravel and pebbles
- 120 ft: Fine to medium light brown sand with minor gravels
- 140 ft: Fine to medium light brown sand
- 160 ft: Fine to medium brown sand, minor coarse sand and gravel
- 180 ft: Very fine to fine brown and orange-brown sand, minor coarse sand
- 200 ft: Brown silt
- 220 ft: Fine to coarse dark brown sand and gravel
- 240 ft: Grey silt
- 260 ft: Clayey grey silt
- 280 ft: Soft silty grey clay
- 300 ft: Medium stiff silty grey clay
- 320 ft: Medium stiff olive-grey clay with thin laminations of very fine grey sand
- 340 ft: Medium stiff silty olive-grey clay
- 360 ft: Medium stiff silty olive-grey clay
- 380 ft: Medium stiff olive-grey clay
- 400 ft: Coarse sand and gravel
- 420 ft: Cuttings- small to large broken, angular gravel
- 440 ft: Cuttings- medium to coarse brown sand, minor gravel
- 460 ft: Cuttings- medium to coarse brown sand and gravel
- 480 ft: Cuttings- small gravel and coarse sand
- 500 ft: Cuttings- coarse sand and small gravel

New York State well ID: S137718

Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405817072100801&agency_cd=USGS

USGS well ID: 405817072100801

Link to GeoLog Locator

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

USGS Geology Log

520 ft: Cuttings- coarse sand and gravel
540 ft: Cuttings- very coarse sand and small to medium rounded and angular gravel
560 ft: Cuttings- very coarse sand and small to medium rounded and angular gravel
580 ft: Cuttings-medium to coarse sand and small angular gravel
600 ft: Fine to medium brown sand
620 ft: Fine to medium grey sand, some coarse sand
640 ft: Sandy grey silt, some black laminations
660 ft: Medium grey sand, trace muscovite mica
680 ft: Grey silt
700 ft: Fine to medium grey sand
720 ft: Clayey light grey silt, some muscovite mica
740 ft: Silty very fine light grey sand
760 ft: Fine to medium light grey sand
780 ft: Grey silt and very fine sand, laminations of black silt
800 ft: Silty fine white sand
820 ft: Silty fine white sand
840 ft: Silty fine white sand
860 ft: Silty fine white sand
880 ft: Silty fine light grey sand, clayey light grey silt and 1" of silty light grey clay
900 ft: Fine to medium light grey sand
920 ft: Silty fine grey sand
940 ft: Sandy light grey silt
950 ft: Cuttings- appearance of minute red clay and large pieces of lignite
960 ft: Sandy light grey silt
970 ft: Fine to medium silty light grey sand
980 ft: Silty very fine light grey sand
990 ft: Fine to coarse silty light grey sand
1000 ft: Fine to medium silty light grey sand
1010 ft: Fine silty light grey sand
1020 ft: Fine to medium whitish light grey sand
1030 ft: Silty fine grey sand, small piece of silty grey clay
1040 ft: Sandy grey silt
1050 ft: Stiff dark grey clay
1060 ft: Stiff dark grey silty clay, large amount of mica
1070 ft: Stiff silty dark and light grey clay with large amounts of mica
1080 ft: Stiff silty dark and light grey clay with large amounts of mica
1090 ft: Stiff silty dark and light grey clay with large amounts of mica
1100 ft: Stiff silty dark grey clay with large amounts of mica

New York State well ID: S137718

Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405817072100801&agency_cd=USGS

USGS well ID: 405817072100801

Link to GeoLog Locator

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

USGS Geology Log

1110 ft: Hard silty dark grey clay
1120 ft: Hard dark grey clay
1130 ft: Dark grey silt
1140 ft: Stiff silty dark grey clay
1150 ft: Silty fine grey sand
1160 ft: Medium light grey-white sand
1180 ft: Clayey light grey silt
1200 ft: Cuttings- grey silt
1220 ft: Cuttings- fine to medium grey sand
1230 ft: Cuttings- some layers of clay
1240 ft: Cuttings- clayey light grey sand
1260 ft: Cuttings- fine to coarse grey sand
1280 ft: Cuttings- medium to coarse white sand
1300 ft: Cuttings- medium to coarse white sand and gravel
1320 ft: Cuttings- medium to coarse white sand and gravel
1335 ft: Cuttings- white and green soft clay (saprolite) mixed with coarse sand and gravel

New York State well ID: S137718

USGS well ID: 405817072100801

[Link to NWIS Data](https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405817072100801&agency_cd=USGS)

[Link to GeoLog Locator](https://webapps.usgs.gov/GeoLogLocator/#/)

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405817072100801&agency_cd=USGS

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

USGS Borehole Geophysical Logs

