

New York State well ID: S137864

Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405609072222401&agency_cd=USGS

USGS well ID: 405609072222401

Link to GeoLog Locator

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

Well Information

Latitude: 40°56'08.9" NAD83

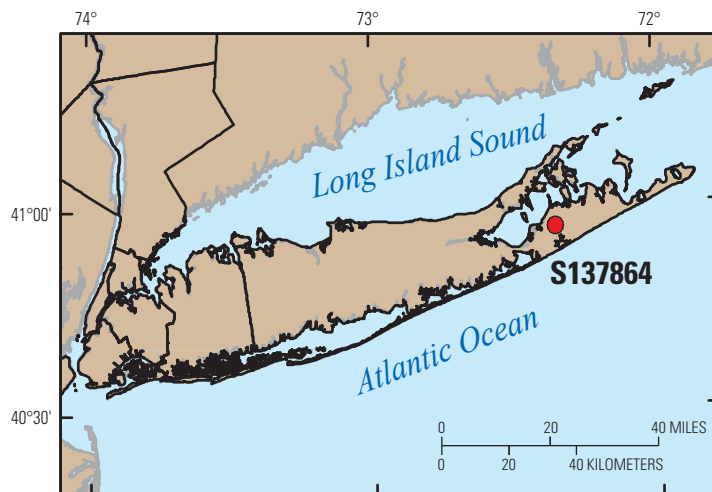
Longitude: 72°22'24.2" NAD83

Land Surface Elevation: 102 ft NAVD88

Well depth: 1430 ft Screened Interval: 1270 to 1290 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 9/25/2023



USGS Geology Log

100 ft: Fine to coarse tan sand and gravel
120 ft: Fine to medium tan sand with minor gravel
140 ft: Fine to medium light brown sand and small gravel
160 ft: Fine to medium light brown and iron-stained sand and small gravel
180 ft: Grey silt
200 ft: Olive-grey sandy silt
220 ft: Fine to medium brown sand and gravel
240 ft: Fine olive-grey sand, minor mica
260 ft: Medium olive-grey sand, trace mica
280 ft: Medium to coarse light grey sand
300 ft: Silty medium stiff dark grey clay
320 ft: Fine light grey sand
340 ft: Fine light grey sand
360 ft: Fine to medium light grey sand
380 ft: Fine to medium light grey sand
400 ft: Silty fine light grey sand
420 ft: Fine light grey sand
440 ft: Grey silt and very fine to medium grey sand
460 ft: Fine light grey sand
480 ft: Fine light and dark grey sand with mica and lignite
500 ft: Fine grey sand

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USGS Geology Log

520 ft: Medium stiff light grey clay
540 ft: Sandy black clay with thin laminations of very fine grey sand, pyrite near top of core
560 ft: Fine to medium light grey sand
580 ft: Sandy light grey silt with bed of black silt, lignite and mica
600 ft: Silty very fine grey sand and sandy grey silt
620 ft: Silty very fine grey sand
640 ft: Medium grey sand
660 ft: Silty fine grey sand
680 ft: Medium grey sand
700 ft: Sandy dark grey silt and soft light grey clay
720 ft: Thinly bedded sandy dark grey silt and silty light grey fine sand
740 ft: Sandy light grey silt with laminations of clayey dark grey silt and lignite
760 ft: Silty fine light grey sand
780 ft: Silty fine light grey sand
800 ft: Coarse light grey sand
820 ft: Fine to medium very light grey sand, some large gravels at top of core
840 ft: Medium to coarse white and light grey sand
860 ft: Fine to medium white sand
880 ft: Silty fine light grey sand
900 ft: Medium stiff dark grey clay with beds of clayey light grey silt and silty light grey clay
910 ft: Cuttings-Presence of red clay, lignite
920 ft: Fine to medium white sand
930 ft: Fine to medium white sand
940 ft: Silty fine white-light grey sand
950 ft: Silty fine light grey sand, trace mica
960 ft: Silty fine to medium light grey sand and clayey fine light grey sand
970 ft: Soft white clay with coarse sand and gravel
980 ft: Silty medium light grey sand
990 ft: Silty medium light grey sand
1000 ft: Clayey very fine light grey sand
1010 ft: Silty fine to medium and clayey fine light grey sand
1020 ft: Clayey light grey silt
1030 ft: Silty fine light grey sand
1040 ft: Silty stiff brownish grey clay
1050 ft: Beds of silty grey clay and silty fine sand
1060 ft: Silty fine light grey sand
1070 ft: Grey silt
1080 ft: Cuttings- fine to medium sand

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USGS Geology Log

1090 ft: Cuttings- medium sand
1100 ft: Cuttings- fine to medium sand
1110 ft: Cuttings- fine to medium sand
1120 ft: Cuttings- medium sand
1130 ft: Cuttings- fine to medium sand, some white clay
1140 ft: Cuttings- medium sand
1150 ft: Cuttings- dark grey silt and sand
1160 ft: Cuttings- silt and fine sand
1170 ft: Cuttings- fine to medium sand
1180 ft: Cuttings- medium sand
1190 ft: Cuttings- fine to medium sand, lignite
1200 ft: Cuttings- medium sand
1210 ft: Cuttings- medium to coarse sand
1220 ft: Cuttings- sand and silt
1230 ft: Cuttings- medium sand
1240 ft: Cuttings-silt and sand
1260 ft: Silty fine light grey sand
1280 ft: Clayey light grey silt
1300 ft: Silty light grey fine sand
1320 ft: Silty light grey fine to medium sand
1340 ft: Silty light grey fine to medium sand
1360 ft: Silty light grey fine to medium sand
1370 ft: Cuttings- grey medium sand, minor small gravel
1380 ft: Coarse white sand, minor quartz gravel
1400 ft: Fine white quartz sand
1415 ft: Cuttings- greenish-whitish clay (possible saprolite), coarse sand and gravel

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USGS Borehole Geophysical Logs

