

New York State well ID: S137717

Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site_no=405020072295001&agency_cd=USGS

USGS well ID: 405020072295001

Link to GeoLog Locator

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Well Information

Latitude: 40°50'20.7" NAD83

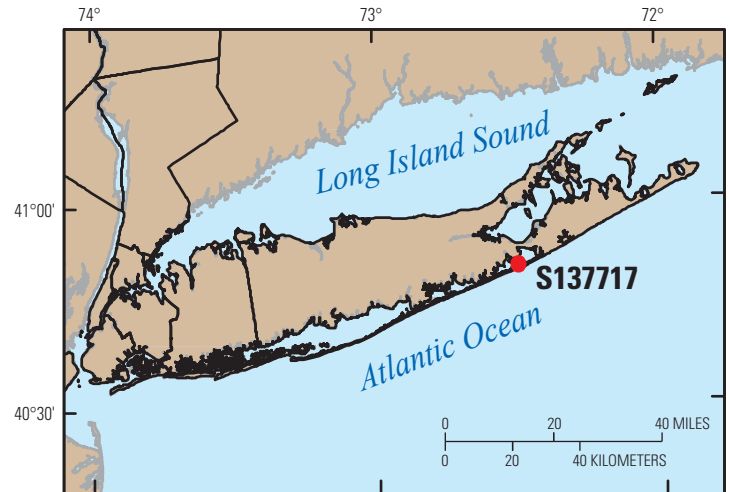
Longitude: 72°29'49.6" NAD83

Land Surface Elevation: 6 ft NAVD88

Well depth: 1640 ft Screened Interval: 1560 to 1580 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 1/5/2024



USGS Geology Log

- 35 ft: Cuttings- Fine to medium quartz sand
- 55 ft: Cuttings- Fine to medium quartz sand
- 100 ft: Fine sand and gravel
- 120 ft: Fine brown sand
- 140 ft: Blackish dark green silt
- 160 ft: Silty hard dark greenish black clay
- 180 ft: Silty hard dark green, dark grey and black clay with trace coarse sand
- 210 ft: Fine grey sand (bottom half), hard black clay with fine grey sand laminations (top half)
- 240 ft: Silty fine black and dark grey sand and soft black clay
- 264 ft: Medium grey sand with trace coarse sand and soft black clay
- 286 ft: Fine grey sand
- 308 ft: Fine grey sand
- 330 ft: Fine to medium grey sand
- 352 ft: Fine grey sand with soft grey clay
- 376 ft: Silty fine grey sand with soft grey clay and thin beds of black clayey silt
- 399 ft: Fine to medium grey sand
- 421 ft: Very fine to fine grey sand with compressed pyrite and lignite at top of core
- 443 ft: Fine grey sand with trace silty black sand
- 465 ft: Grey silt
- 488 ft: Clayey grey silt and silty grey clay
- 509 ft: Silty fine grey sand with little clayey grey silt

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531 ft: Fine to medium grey sand
554 ft: Fine to medium grey sand
576 ft: Fine grey sand
598 ft: Fine grey sand
621 ft: Fine grey sand and sandy grey clay
642 ft: Fine grey sand, sandy grey clay and clayey grey silt
664 ft: Silty soft grey clay and clayey grey silt
685 ft: Silty fine to medium grey sand with lamination of sandy black clay in middle
708 ft: Sandy grey silt and clayey grey silt
730 ft: Medium grey sand
752 ft: Fine grey sand
775 ft: Fine to medium grey sand
797 ft: Fine grey sand
819 ft: Silty fine grey sand
841 ft: Silty fine grey sand and clayey grey silt
860 ft: Silty fine grey sand with a few laminations of clayey black silt
880 ft: Clayey grey silt
900 ft: Medium stiff laminated silty grey clay
920 ft: Grey silt
940 ft: Silty grey sand with gravels at top of core
960 ft: Small to large, rounded, quartz gravel
980 ft: Silty fine grey sand
1000 ft: Light grey silt
1023 ft: Clayey light grey silt, silty fine light grey sand and silty whitish clay
1043 ft: Silty fine light grey sand
1063 ft: Fine to medium white sand
1083 ft: Fine white sand
1103 ft: Silty fine light grey sand
1123 ft: Medium stiff grey clay
1133 ft: Sandy light grey silt, silty fine light grey sand with thin beds of soft grey clay
1143 ft: Fine light grey, whitish sand
1153 ft: Grey sandy clay
1163 ft: Clayey fine to medium light grey sand
1173 ft: Clayey fine to medium light grey sand
1183 ft: Silty fine light grey sand
1206 ft: Sandy light and dark grey silt with minor lignite
1216 ft: Silty light grey clay

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1226 ft: Silty fine light grey sand
1236 ft: Grey silt
1246 ft: Stiff grey clay
1256 ft: Soft grey clay
1266 ft: Hard grey clay
1276 ft: Hard grey clay
1286 ft: Medium stiff silty grey clay
1296 ft: Clayey grey silt
1314 ft: Soft grey clay
1336 ft: Clayey grey silt
1346 ft: Silty fine grey sand
1366 ft: Medium grey sand
1387 ft: Soft sandy grey clay
1407 ft: Soft sandy grey clay
1417 ft: Cuttings- medium sand
1427 ft: Soft sandy light grey clay with large gravel
1444 ft: Presence of white clay in cuttings
1468 ft: Soft silty grey clay
1488 ft: Soft silty light grey clay with some reddish-brown streaks on outside of core
1508 ft: Clayey fine light grey sand
1528 ft: Clayey fine light grey sand
1548 ft: Clayey light grey silt
1568 ft: Fine white sand
1588 ft: Medium white sand with some soft light grey clay
1608 ft: Medium to coarse sand mixed with light grey clay
1628 ft: Coarse sand and gravel with whitish grey clay
1648 ft: Cuttings- coarse sand and gravel with bits of white clay
1655 ft: Hard, solid olive green clay (weathered bedrock)

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USGS Borehole Geophysical Logs

