



Link to NWIS Data

https://nwis.waterdata.usgs.gov/nwis/inventory/?site\_no=405750072474701&agency\_cd=USGS

#### USGS well ID: 405750072474701

Link to GeoLog Locator

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### **Well Information**

Latitude: 40°57'49.9" NAD83

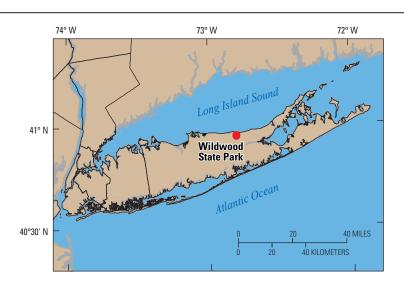
Longitude: 72°47'47.3" NAD83

Land Surface Elevation: 158 ft NAVD88

Well depth: 1210 ft Screened Interval: 1060 to 1080 ft

Screened aquifer: Lloyd Aquifer

Well Completion Date: 6/16/2022



## **USGS Geology Log**

40 ft: Fine to coarse tan sand and gravel with pebbles

60 ft: Fine to coarse tan quartz sand and gravel with small pebbles

80 ft: Fine to medium tan quartz sand with some lignite

120 ft: Cuttings- coarse sand to coarse gravel with broken pebbles

160 ft: Fine to medium light brown sand

175 ft: Cuttings- very soft grey clay

180 ft: Fine to coarse light brown silty sand

200 ft: Silty brown sand

220 ft: Light brown sand with some silt

240 ft: Medium light brown sand with some silt and brown clay lenses

260 ft: Red and yellow fine silt to medium sand with grey clay and muscovite

280 ft: Multicolored medium sand

300 ft: Fine grey sand with layers of grey clay

320 ft: Fine to medium red sand with grey clay lenses

340 ft: Fine to medium light red and light grey sand

360 ft: Fine to medium red and grey sand

380 ft: Fine to medium red, orange, grey sand

395 ft: Driller reports clay





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### **USGS Geology Log**

	400	ft:	Fine	grey	sand	with	red	and	vellow	iron	-stained	lav	/er
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420 ft: Medium to coarse multicolored sand with iron concretions

440 ft: Medium to coarse multicolored sand with iron concretions

460 ft: Medium to coarse multicolored sand with iron concretions

480 ft: Medium to coarse light grey sand

500 ft: Medium to fine grey sand

520 ft: Fine to coarse yellowish tan sand

540 ft: Fine to medium multicolored sand

560 ft: Medium to coarse multicolored sand

580 ft: Medium grey sand with some red and yellow staining

600 ft: Medium multicolored sand with layers of clay

620 ft: Medium multicolored layers of sand

640 ft: Fine to medium grey and red sand

660 ft: Coarse gravel and medium red sand

680 ft: Fine to coarse multicolored sand and fine gravel

700 ft: Fine to medium silty sand with grey clay layer

720 ft: Fine grey sand

730 ft: Fine grey silty sand

740 ft: Fine grey silty sand

750 ft: Coarse sand and fine gravel

760 ft: Fine grey sand

770 ft: Fine to medium grey sand

780 ft: Medium grey sand

790 ft: Clayey gry sand

800 ft: Fine grey sandy silt and clay

810 ft: Fine grey sandy silt and clay

820 ft: Fine grey sand, silt and clay

830 ft: Fine grey silty sand

840 ft: Fine grey silty sand

850 ft: Fine grey sand





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860 ft: Fine to medium grey sand

870 ft: Silty to fine grey sand

880 ft: Silty light grey soft clay with muscovite grading into varved light and dark grey clay

900 ft: Fine to medium silty multicolored sand with minor white clay

920 ft: Silty hard light grey clay

940 ft: Firm grey clay

960 ft: Fine silty grey sand

980 ft: Fine to medium grey sand

1000 ft: Fine to medium grey sand

1020 ft: Fine to medium grey sand with some coarse sand and clayey lenses

1040 ft: Coarse sand to fine gravel

1060 ft: Fine grey sand and silt

1080 ft: Fine to medium grey sand and silt

1095 ft: Grey and white sand and gravel

1100 ft: Fine sandy grey silt with some iron staining

1105 ft: Fine grey silty sand

1120 ft: Cuttings- Grey clay

1140 ft: Cuttings- Fine (broken, angular) gravel

1160 ft: Cuttings- Fine (broken, angular) gravel with some white clay and silt

1180 ft: Cuttings- Fine broken gravel with some white clay

1204 ft: Cuttings- Fine broken gravel and coarse sand with small bits of white and yellowish-tan clay

1220 ft: Cuttings- Medium (broken, pulverized) sand with biotite and bits of white and yellowish-tan clay





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## **USGS Borehole Geophysical Logs**

