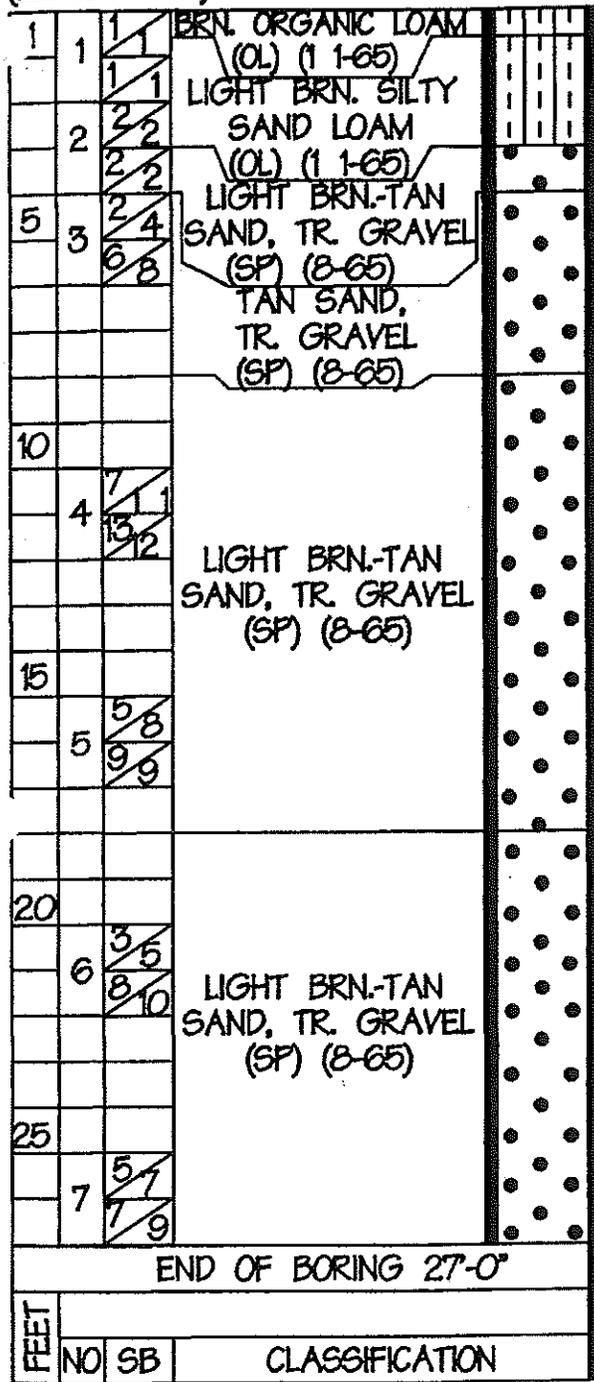

APPENDIX D

B-1

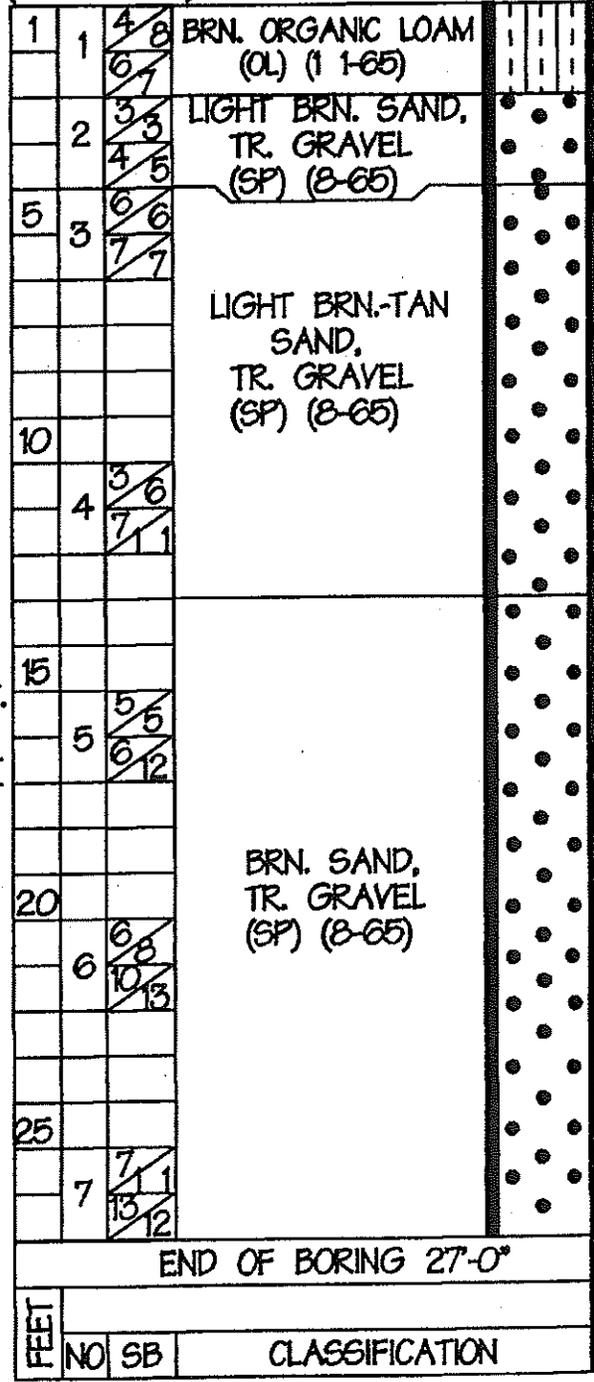
B-2

(EL. 100.49±) GROUND SURFACE

(EL. 96.92±) GROUND SURFACE



G.W.T. 16'-1"



G.W.T. 14'-7"

SOIL MECHANICS DRILLING CORP.
 3770 MERRICK ROAD - SEAFORD, L.I. NEW YORK - (516) 221-2333

PROPOSED TARGET DEPARTMENT STORE
 SUBSURFACE INVESTIGATION
 ISLIP, NEW YORK

VERTICAL SCALE 1/4" = 1'-0" DATE AUGUST 1, 1997 JOB NO. 97551230
 REVISIONS NAR

B-3

(EL. 103.49'±) GROUND SURFACE

1	1	1/2	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)
		2/3	
	2	3/3	LIGHT BRN. SAND, TR. GRAVEL, SILT (SP) (8-65)
		3/4	
5	3	5/6	LIGHT BRN.-TAN GRAVELLY SAND (SP) (8-65)
		7/9	
10			
	4	4/5	LIGHT BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)
		6/7	
15			
	5	4/6	LIGHT BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)
		7/9	
20			
	6	6/8	LIGHT BRN. SAND, TR. GRAVEL (SP) (8-65)
		8/8	
25			
	7	7/9	LIGHT BRN. SAND, TR. GRAVEL (SP) (8-65)
		10/12	
END OF BORING 27'-0"			
FEET			
NO	SB	CLASSIFICATION	

G.W.T. 18'-7"

B-4

(EL. 103.36'±) GROUND SURFACE

1	1	1/2	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)
		2/3	
	2	3/4	LIGHT BRN. SAND, TR. GRAVEL, SILT (SP) (8-65)
		3/5	
5	3	4/6	TAN SAND, TR. GRAVEL (SP) (8-65)
		7/9	
10			
	4	4/6	TAN SAND, TR. GRAVEL (SP) (8-65)
		8/9	
15			
	5	5/7	LIGHT BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)
		10/12	
20			
	6	4/6	TAN GRAVELLY SAND (SP) (8-65)
		7/9	
25			
	7	7/7	TAN SAND, TR. GRAVEL (SP) (8-65)
		7/10	
END OF BORING 27'-0"			
FEET			
NO	SB	CLASSIFICATION	

G.W.T. 18'-5"

SOIL MECHANICS

DRILLING CORP.

3770 MERRICK ROAD - SEAFORD, L I, NEW YORK - (516) 221-2333

PROPOSED TARGET DEPARTMENT STORE
SUBSURFACE INVESTIGATION

ISLIP, NEW YORK

VERTICAL SCALE

1/4" = 1'-0"

DATE

AUGUST 1, 1997

JOB NO.

97651230

REVISION:

N.A.R.

B-5

(EL. 104.01±) GROUND SURFACE

1	1	1	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)
		2	
2	2	3	LIGHT BRN. SAND, TR. GRAVEL (SP) (8-65)
		4	
		5	
5	3	7	LIGHT BRN.-TAN GRAVELLY SAND (SP) (8-65)
		8	
10	4	7	LIGHT BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)
		8	
15	5	7	
		9	
		12	
20	6	7	TAN SAND, TR. GRAVEL (SP) (8-65)
		7	
25	7	8	
		10	
		10	
END OF BORING 27'-0"			
FEET	NO	SB	CLASSIFICATION

G.W.T. 19'-10"

B-6

(EL. 103.60±) GROUND SURFACE

1	1	1	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)
		2	
2	2	2	LIGHT BRN. SAND, TR. GRAVEL, SILT (SP) (8-65)
		3	
		4	
5	3	7	LIGHT BRN. GRAVELLY SAND (SP) (8-65)
		10	
		13	
		16	
10	4	5	TAN SAND, TR. GRAVEL (SP) (8-65)
		5	
		6	
15	5	3	LIGHT BRN. SAND, TR. GRAVEL (SP) (8-65)
		4	
		7	
		9	
20	6	6	TAN SAND, TR. GRAVEL (SP) (8-65)
		7	
		8	
25	7	3	
		4	
		6	
		7	
END OF BORING 27'-0"			
FEET	NO	SB	CLASSIFICATION

G.W.T. 20'-0"

SOIL MECHANICS DRILLING CORP.
 3770 MERRICK ROAD - SEAFORD, L I, NEW YORK - (516) 221-2333

PROPOSED TARGET DEPARTMENT STORE
 SUBSURFACE INVESTIGATION
 ISLIP, NEW YORK

VERTICAL SCALE 1/4" = 1'-0"± DATE AUGUST 1, 1997 JOB NO. 97351230
 REVISIONS: N.A.R.

B-7

L 103.63'±) GROUND SURFACE

1	1	1	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)
		2/3	
	2	2/2	LIGHT BRN. SAND, TR. GRAVEL, SILT (SP) (8-65)
		3/4	
5	3	6/8	LIGHT BRN. GRAVELLY SAND (SP) (8-65)
		10/4	
10			
	4	5/7	TAN SAND, TR. GRAVEL (SP) (8-65)
		8/9	
15			
	5	4/6	
		8/9	
20			
	6	6/7	LIGHT BRN. SAND, TR. GRAVEL (SP) (8-65)
		10/1	
25			
	7	6/9	
		9/13	
END OF BORING 27'-0"			
FEET	NO	SB	CLASSIFICATION

G.W.T. 19'-10"

B-8

(EL. 102.76'±) GROUND SURFACE

1	1	1	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)
		3/2	
	2	4/5	LIGHT BRN. FINE SAND, TR. GRAVEL, SILT (SP) (8-65)
		5/6	
5	3	5/5	
		7/7	
10			
	4	7/7	TAN SAND, TR. GRAVEL (SP) (8-65)
		9/10	
15			
	5	6/6	
		8/7	
20			
	6	5/6	LIGHT BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)
		9/9	
25			
	7	5/7	
		9/10	
END OF BORING 27'-0"			
FEET	NO	SB	CLASSIFICATION

G.W.T. 18'-10"

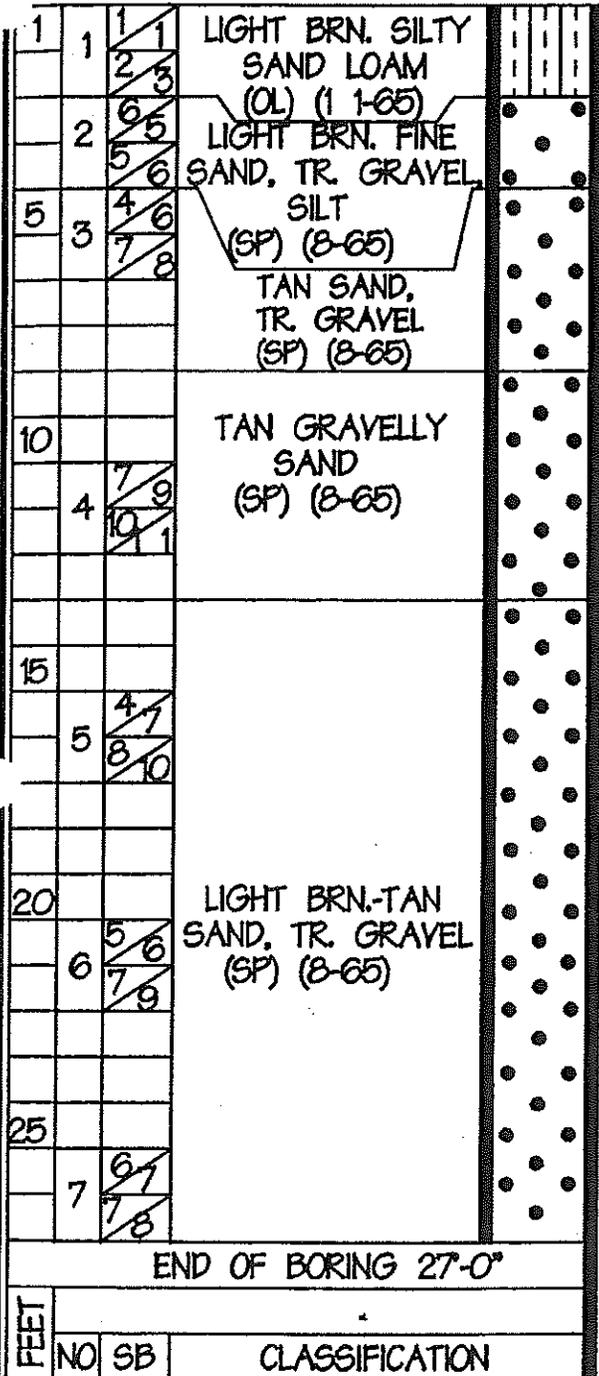
SOIL MECHANICS DRILLING CORP.
 3770 MERRICK ROAD - SEAFORD, L I, NEW YORK - (516) 221-2333

PROPOSED TARGET DEPARTMENT STORE
SUBSURFACE INVESTIGATION
 ISLIP, NEW YORK

VERTICAL SCALE 1/4" = 1'-0" DATE: AUGUST 1, 1997 JOB NO. 97551230
 REVISED: _____ NAR

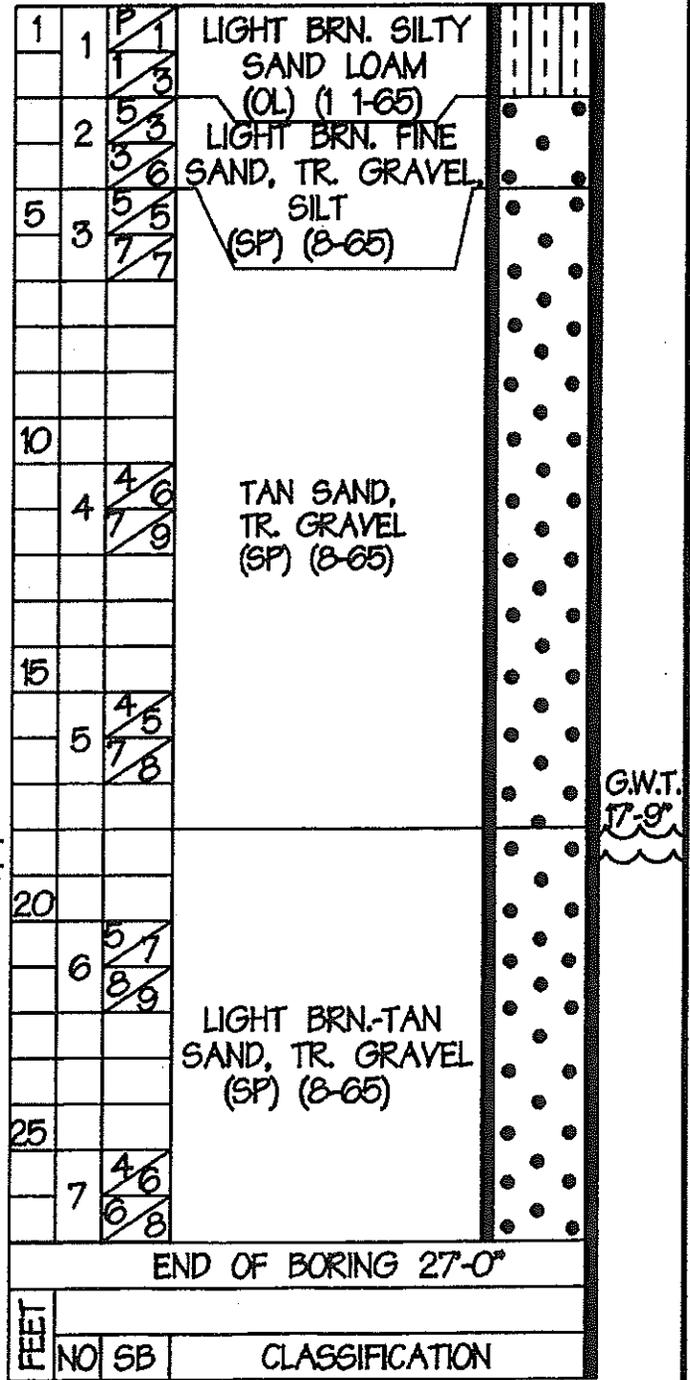
B-9

(EL. 102.76±) GROUND SURFACE



B-10

(EL. 101.43±) GROUND SURFACE



SOIL MECHANICS

DRILLING CORP.

3770 MERRICK ROAD - SEAFORD, L I, NEW YORK - (516) 221-2333

PROPOSED TARGET DEPARTMENT STORE

SUBSURFACE INVESTIGATION

ISLIP, NEW YORK

VERTICAL SCALE: 1/4" = 1'-0"

DATE: AUGUST 1, 1997

JOB NO. 97551230

REVISED:

N.A.R.

B-1 1

(EL. 103.57±) GROUND SURFACE

1	1	2/3 6/7	LIGHT BRN. SILTY SAND LOAM (OL) (1-65)	
	2	7/8 8/10	BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)	
5	3	5/7 9/10	TAN SAND, TR. GRAVEL (SP) (8-65)	
10				
	4	3/7 8/9	TAN FINE SAND, TR. GRAVEL (SP) (8-65)	
15				
	5	6/8 10/11		
20				
	6	7/7 7/9	LIGHT BRN.-TAN SAND, TR. GRAVEL (SP) (8-65)	
25				
	7	5/6 6/6		
END OF BORING 27'-0"				
FEET	NO	SB	CLASSIFICATION	

G.W.T.
20'-1"

SOIL MECHANICS DRILLING CORP.

3770 MERRICK ROAD - SEAFORD, L I, NEW YORK - (516) 221-2333

PROPOSED TARGET DEPARTMENT STORE
SUBSURFACE INVESTIGATION

ISLIP, NEW YORK

VERTICAL SCALE
1/4" = 1'-0"±

DATE: AUGUST 1, 1997

JOB NO. 97561230

REVISED:

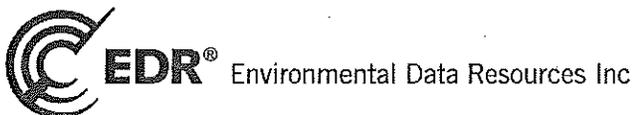
N.A.R.

Islip Pines

Sunrise Highway and Route 454
Holbrook, NY 11741

Inquiry Number: 2910714.1s
November 02, 2010

The EDR GeoCheck® Report



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

ISLIP PINES
SUNRISE HIGHWAY AND ROUTE 454
HOLBROOK, NY 11741

TARGET PROPERTY COORDINATES

Latitude (North):	40.77290 - 40° 46' 22.4"
Longitude (West):	73.0566 - 73° 3' 23.8"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	664011.7
UTM Y (Meters):	4515152.5
Elevation:	47 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-G1 PATCHOGUE, NY
Most Recent Revision:	1967

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

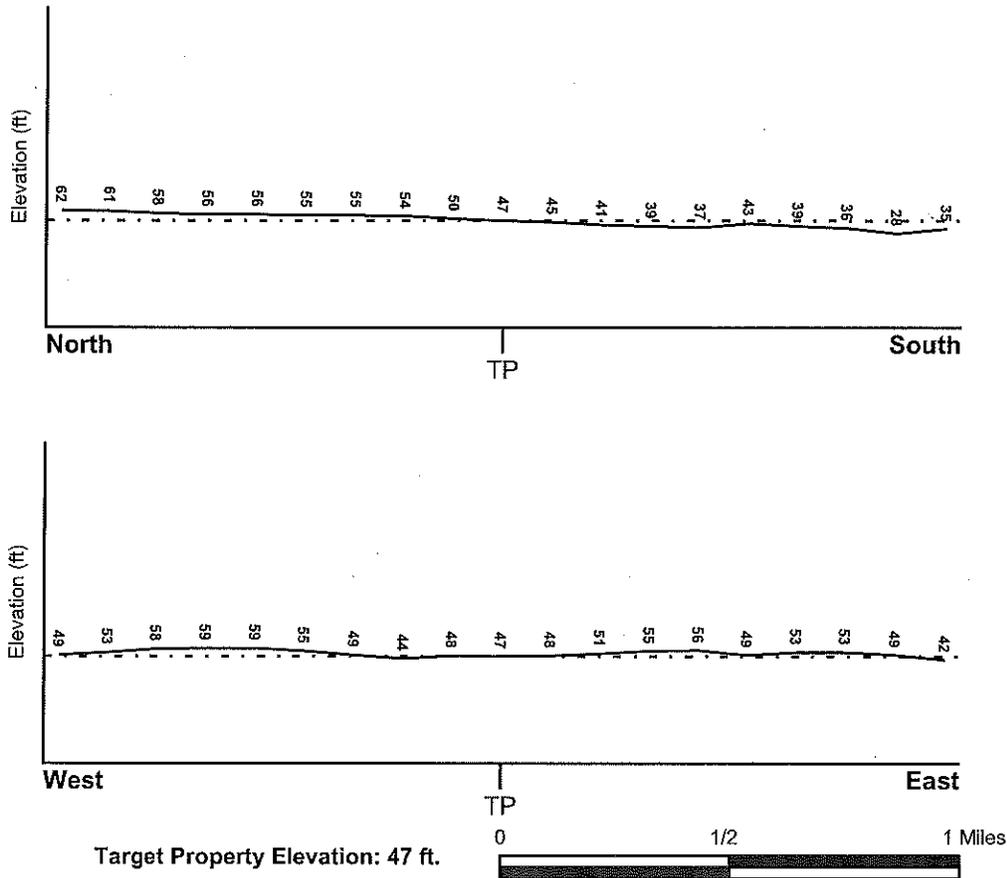
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> SUFFOLK, NY	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	36103C0693G - FEMA Q3 Flood data
Additional Panels in search area:	36103C0695G - FEMA Q3 Flood data 36103C0687G - FEMA Q3 Flood data 36103C0689G - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> PATCHOGUE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile SE
Site Name:	Edwin B Stimpson Co Inc
Site EPA ID Number:	NYD052780392
Groundwater Flow Direction:	South
Measured Depth to Water:	approximately 27 feet.
Hydraulic Connection:	Information is not available about the hydraulic connection between aquifers underlying the site.
Sole Source Aquifer:	A sole source aquifer is present at or near the site
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Pleistocene
Code: Qp (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: PLYMOUTH

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	4 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 5.50 Min: 3.60
2	4 inches	27 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 5.50 Min: 3.60
3	27 inches	65 inches	gravelly - coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 20.00 Min: 20.00	Max: 5.50 Min: 3.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam

Surficial Soil Types: sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: coarse sand stratified

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	1.000
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2115629	1/4 - 1/2 Mile SE
A2	USGS2115656	1/4 - 1/2 Mile WSW
A3	USGS2115461	1/4 - 1/2 Mile West
A4	USGS2115452	1/4 - 1/2 Mile West
A5	USGS2115660	1/4 - 1/2 Mile WSW
6	USGS2115403	1/4 - 1/2 Mile NW
8	USGS2115541	1/4 - 1/2 Mile WNW
15	USGS2115602	1/2 - 1 Mile WSW
16	USGS2115866	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

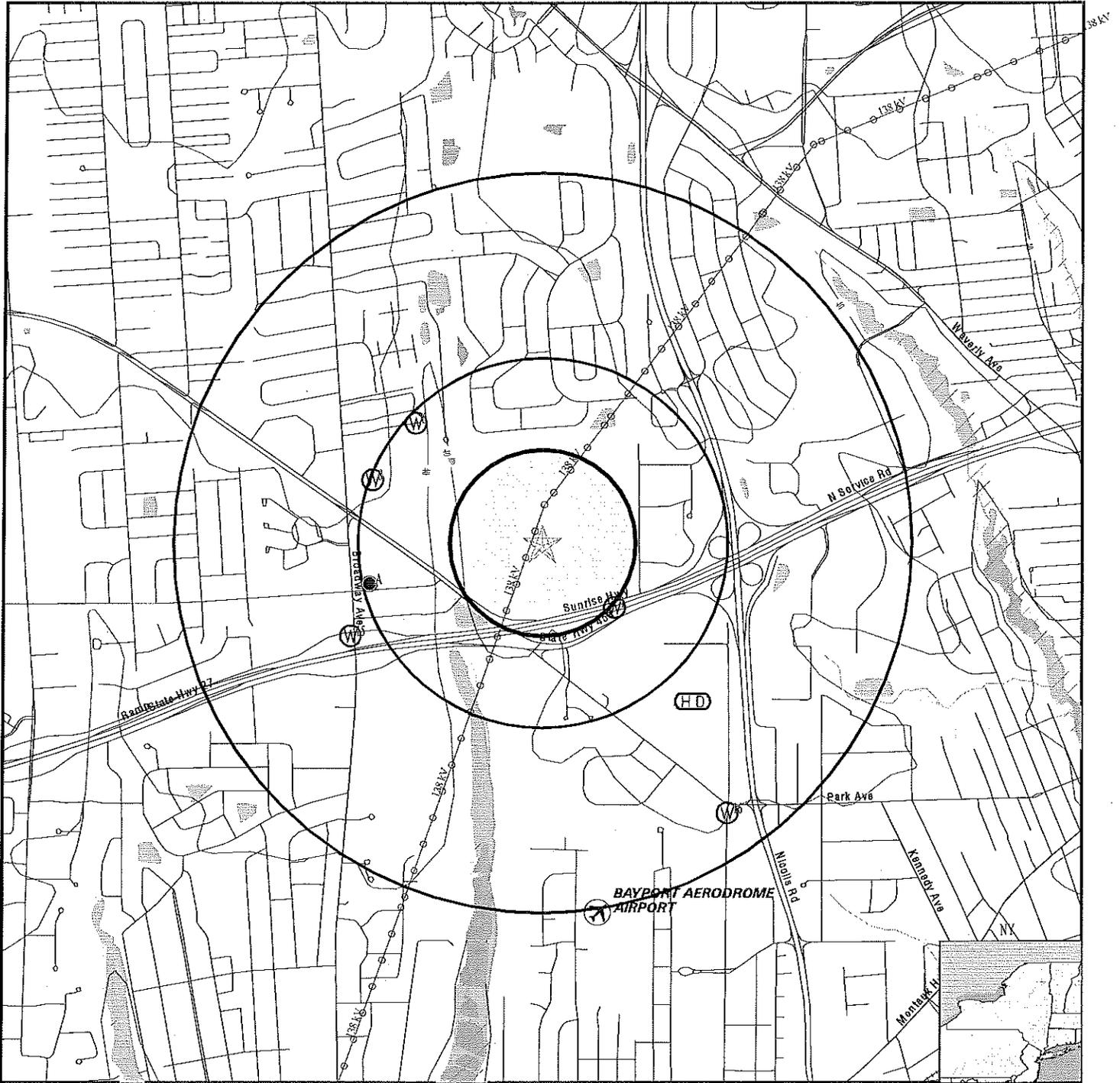
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A7	NY0010526	1/4 - 1/2 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A9	NYWS006157	1/4 - 1/2 Mile WSW
A10	NYWS006158	1/4 - 1/2 Mile WSW
A11	NYWS006159	1/4 - 1/2 Mile WSW
A12	NYWS006154	1/4 - 1/2 Mile WSW
A13	NYWS006155	1/4 - 1/2 Mile WSW
A14	NYWS006156	1/4 - 1/2 Mile WSW

PHYSICAL SETTING SOURCE MAP - 2910714.1s



- County Boundary
- Major Roads
- Contour Lines
- Power transmission lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME: Islip Pines
ADDRESS: Sunrise Highway and Route 454
 Holbrook NY 11741
LAT/LONG: 40.7729 / 73.0566

CLIENT: Vanasse Hangen Brustlin, Inc.
CONTACT: Bryan Murty
INQUIRY #: 2910714.1s
DATE: November 02, 2010 1:10 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS2115629

Agency cd:	USGS	Site no:	404613073031200
Site name:	S 30547. 1		
Latitude:	404613	EDR Site id:	USGS2115629
Longitude:	0730312	Dec lat:	40.77037605
Dec lon:	-73.05288739	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SO1613	Map scale:	Not Reported
Altitude:	45.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19670615
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	110	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-11-09
Water quality data end date:	1972-11-09	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

A2
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS2115656

Agency cd:	USGS	Site no:	404616073035701
Site name:	S 31913. 1		
Latitude:	404617	EDR Site id:	USGS2115656
Longitude:	0730355	Dec lat:	40.77148716
Dec lon:	-73.06483223	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SO1571 8225	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 54.0
 Altitude method: Level or other surveying method
 Altitude accuracy: 0.1
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Southern Long Island, New York. Area = 1660 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19680128
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: GLACIAL AQUIFER,UPPER
 Well depth: 160. Hole depth: 163.
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1979-10-09
 Water quality data end date: 2002-10-01 Water quality data count: 12
 Ground water data begin date: 0000-00-00 Ground water data end date: 0000-00-00
 Ground water data count: 0

Ground-water levels, Number of Measurements: 0

A3
West
1/4 - 1/2 Mile
Higher

FED USGS USGS2115461

Agency cd:	USGS	Site no:	404618073035602
Site name:	S 43516. 1	EDR Site id:	USGS2115461
Latitude:	404618	Dec lat:	40.77176494
Longitude:	0730356	Coor meth:	M
Dec lon:	-73.06511001	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	103
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	SO1571 5225		
Altitude:	55.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island, New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	803.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

A4
West
1/4 - 1/2 Mile
Higher

FED USGS USGS2115452

Agency cd:	USGS	Site no:	404617073035501
Site name:	S 47035. 1	EDR Site id:	USGS2115452
Latitude:	404618	Dec lat:	40.77176494
Longitude:	0730356	Coor meth:	M
Dec lon:	-73.06511001	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	103
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	SO1571 8225		
Altitude:	52.3		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19730319
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	508.	Hole depth:	520.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1987-03-18	Water quality data begin date:	1966-05-31
Ground water data begin date:	1976-00-00	Water quality data count:	46
Ground water data count:	9	Ground water data end date:	1983-03-15

Ground-water levels, Number of Measurements: 9

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-03-15		29.10	1982-03-15		30.35
1981-03-11		29.43	1980-03-13		30.90
1979-03-27		33.87	1978-03-22		32.07
1978-03-15		32.05			
Note: A nearby site that taps the same aquifer was being pumped.					
1977-03-24		29.43			
Note: The site had been pumped recently.					
1976		31.90			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A5
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS2115660

Agency cd:	USGS	Site no:	404617073035401
Site name:	S 27259. 1		
Latitude:	404617	EDR Site id:	USGS2115660
Longitude:	0730357	Dec lat:	40.77148716
Dec lon:	-73.06538781	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SO1561 8225	Map scale:	Not Reported
Altitude:	55.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19670316
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	164.	Hole depth:	190.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-12-11
Water quality data end date:	1985-09-03	Water quality data count:	18
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

6
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS2115403

Agency cd:	USGS	Site no:	404639073034901
Site name:	S 52641. 1		
Latitude:	404639	EDR Site id:	USGS2115403
Longitude:	0730349	Dec lat:	40.77759828
Dec lon:	-73.06316538	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SN1588	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 52.9
 Altitude method: Level or other surveying method
 Altitude accuracy: 0.1
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Southern Long Island. New York. Area = 1660 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: GLACIAL AQUIFER, UPPER
 Well depth: 35. Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1974-09-09
 Water quality data end date: 1985-04-11 Water quality data count: 7
 Ground water data begin date: 1974-09-03 Ground water data end date: 1983-04-20
 Ground water data count: 19

Ground-water levels, Number of Measurements: 19

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-04-20		37.34	1982-09-24		34.83
1982-03-22		34.30	1982-01-12		34.11
1982-01-07		36.21	1981-06-25		34.76
1981-02-16		34.51	1981-01-16		35.44
1980-10-01		35.69	1980-04-07		37.34
1979-07-17		36.83	1979-03-15		39.16
1979-01-17		36.97	1978-04-11		37.55
1977-09-09		34.11	1975-08-12		36.21
1975-01-14		35.01	1974-12-18		35.37
1974-09-03		35.42			

A7
WSW
 1/4 - 1/2 Mile
 Higher

FRDS PWS NY0010526

PWS ID: NY0010526
 Date initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: SUFFOLK COUNTY WATER AUTHORITY
 POND ROAD
 OAKDALE, NY 11769

Addressee / Facility: System Owner/Responsible Party
 SUFFOLK COUNTY WATER AUTHORITY
 POND ROAD
 OAKDALE, NY 11769

Facility Latitude: 40 43 17 Facility Longitude: 073 15 36
 Facility Latitude: 40 45 37 Facility Longitude: 073 16 33

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	40 45 05	Facility Longitude:	073 13 14
Facility Latitude:	40 40 46	Facility Longitude:	073 25 20
Facility Latitude:	40 47 07	Facility Longitude:	073 18 58
Facility Latitude:	40 48 05	Facility Longitude:	073 05 14
Facility Latitude:	40 46 32	Facility Longitude:	073 07 06
Facility Latitude:	40 45 54	Facility Longitude:	072 56 19
Facility Latitude:	40 59 00	Facility Longitude:	072 06 24
Facility Latitude:	41 03 16	Facility Longitude:	071 56 47
Facility Latitude:	40 58 39	Facility Longitude:	072 11 45
Facility Latitude:	40 58 44	Facility Longitude:	072 08 24
Facility Latitude:	40 44 30	Facility Longitude:	073 21 16
Facility Latitude:	40 45 49	Facility Longitude:	073 10 44
Facility Latitude:	40 43 26	Facility Longitude:	073 17 38
Facility Latitude:	40 42 05	Facility Longitude:	073 24 22
Facility Latitude:	40 49 51	Facility Longitude:	073 04 30
Facility Latitude:	40 49 36	Facility Longitude:	073 06 04
Facility Latitude:	40 52 44	Facility Longitude:	072 58 50
Facility Latitude:	41 02 42	Facility Longitude:	071 55 44
Facility Latitude:	40 58 16	Facility Longitude:	072 10 06
Facility Latitude:	40 57 18	Facility Longitude:	072 12 29
Facility Latitude:	40 51 40	Facility Longitude:	073 19 07
Facility Latitude:	40 43 20	Facility Longitude:	073 20 19
Facility Latitude:	40 45 01	Facility Longitude:	073 18 22
Facility Latitude:	40 43 18	Facility Longitude:	073 15 38
Facility Latitude:	40 42 00	Facility Longitude:	073 21 25
Facility Latitude:	40 48 20	Facility Longitude:	073 07 40
Facility Latitude:	40 47 15	Facility Longitude:	072 59 59
Facility Latitude:	40 44 55	Facility Longitude:	073 03 33
Facility Latitude:	40 53 32	Facility Longitude:	072 24 22
Facility Latitude:	41 02 00	Facility Longitude:	071 57 36
Facility Latitude:	40 59 20	Facility Longitude:	072 17 05
Facility Latitude:	40 51 35	Facility Longitude:	073 23 56
Facility Latitude:	40 54 01	Facility Longitude:	073 27 59
Facility Latitude:	40 53 09	Facility Longitude:	073 22 34
Facility Latitude:	40 42 11	Facility Longitude:	073 25 01
Facility Latitude:	40 41 18	Facility Longitude:	073 22 45
Facility Latitude:	40 44 28	Facility Longitude:	073 07 40
Facility Latitude:	40 48 11	Facility Longitude:	073 11 33
Facility Latitude:	40 43 24	Facility Longitude:	073 22 25
Facility Latitude:	40 40 49	Facility Longitude:	073 23 23
Facility Latitude:	40 51 04	Facility Longitude:	073 05 11
Facility Latitude:	40 47 53	Facility Longitude:	073 02 50
Facility Latitude:	40 49 03	Facility Longitude:	073 03 31
Facility Latitude:	40 49 45	Facility Longitude:	072 59 15
Facility Latitude:	40 49 55	Facility Longitude:	072 58 39
Facility Latitude:	41 02 56	Facility Longitude:	071 57 18
Facility Latitude:	40 54 13	Facility Longitude:	072 23 28
Facility Latitude:	40 53 57	Facility Longitude:	073 18 27
Facility Latitude:	40 53 35	Facility Longitude:	073 20 24
Facility Latitude:	40 53 05	Facility Longitude:	073 17 49
Facility Latitude:	40 53 43	Facility Longitude:	073 20 39
Facility Latitude:	40 51 21	Facility Longitude:	073 27 32
Facility Latitude:	40 45 26	Facility Longitude:	073 15 05
Facility Latitude:	40 43 57	Facility Longitude:	073 18 14
Facility Latitude:	40 47 52	Facility Longitude:	073 13 14
Facility Latitude:	40 50 38	Facility Longitude:	073 03 30

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	41 02 28	Facility Longitude:	071 56 31
Facility Latitude:	40 51 58	Facility Longitude:	073 25 48
Facility Latitude:	40 54 36	Facility Longitude:	073 19 47
Facility Latitude:	40 52 54	Facility Longitude:	073 26 36
Facility Latitude:	40 54 13	Facility Longitude:	073 20 51
Facility Latitude:	40 52 56	Facility Longitude:	073 20 28
Facility Latitude:	40 43 05	Facility Longitude:	073 21 57
Facility Latitude:	40 45 39	Facility Longitude:	073 21 01
Facility Latitude:	40 46 59	Facility Longitude:	073 16 37
Facility Latitude:	40 45 11	Facility Longitude:	073 11 23
Facility Latitude:	40 44 32	Facility Longitude:	073 15 11
Facility Latitude:	40 41 58	Facility Longitude:	073 21 22
Facility Latitude:	40 44 02	Facility Longitude:	073 19 34
Facility Latitude:	40 42 32	Facility Longitude:	073 20 43
Facility Latitude:	40 40 50	Facility Longitude:	073 22 56
Facility Latitude:	40 47 37	Facility Longitude:	072 56 52
Facility Latitude:	40 46 16	Facility Longitude:	073 03 57
Facility Latitude:	40 54 11	Facility Longitude:	072 23 28
Facility Latitude:	40 51 17	Facility Longitude:	073 26 15
Facility Latitude:	40 52 48	Facility Longitude:	073 25 18
Facility Latitude:	40 43 50	Facility Longitude:	073 21 57
Facility Latitude:	40 46 05	Facility Longitude:	073 17 46
Facility Latitude:	40 43 07	Facility Longitude:	073 08 52
Facility Latitude:	40 45 21	Facility Longitude:	073 22 39
Facility Latitude:	41 03 26	Facility Longitude:	071 56 49
Facility Latitude:	40 46 16	Facility Longitude:	073 12 33
Facility Latitude:	40 43 04	Facility Longitude:	073 16 19
Facility Latitude:	40 48 02	Facility Longitude:	073 10 02
Facility Latitude:	40 48 02	Facility Longitude:	073 12 27
Facility Latitude:	40 44 20	Facility Longitude:	073 17 18
Facility Latitude:	40 42 23	Facility Longitude:	073 19 03
Facility Latitude:	41 03 22	Facility Longitude:	071 56 43
Facility Latitude:	41 03 05	Facility Longitude:	071 57 02
Facility Latitude:	40 53 16	Facility Longitude:	073 23 41
Facility Latitude:	40 49 57	Facility Longitude:	073 17 04
Facility Latitude:	40 52 32	Facility Longitude:	073 22 15
Facility Latitude:	40 52 57	Facility Longitude:	073 23 03
City Served:	ISLIP (T)		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

B
WNW
 1/4 - 1/2 Mile
 Higher

FED USGS USGS2115541

Agency cd:	USGS	Site no:	404631073035701
Site name:	S 30343. 1		
Latitude:	404631	EDR Site id:	USGS2115541
Longitude:	0730357	Dec lat:	40.77537606
Dec lon:	-73.06538773	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SN1579 8225	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	60.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	350.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A9
WSW
 1/4 - 1/2 Mile
 Higher

NY WELLS NYWS006157

Well Id:	NY5110526	System name:	SUFFOLK COUNTY WATER AUTHORITY
System Id:	194	Well name:	CHURCH STREET HBK. WELL # 2 S-31913
Type:	Well	Active?:	Active
County:	SUFFOLK COUNTY	Latitude:	404616 000
Longitude:	730357 000	Slec_type_:	AC
Agency:	RANDAZZO, KAREN		
Address:	PO BOX 18043		
City/State/Zip:	HAUPPAUGUE NY 11788		
Phone:	631-563-0258		

A10
WSW
 1/4 - 1/2 Mile
 Higher

NY WELLS NYWS006158

Well Id:	NY5110526	System name:	SUFFOLK COUNTY WATER AUTHORITY
System Id:	193	Well name:	CHURCH STREET HBK. WELL # 1 S-27259
Type:	Well	Active?:	Active
County:	SUFFOLK COUNTY	Latitude:	404616 000
Longitude:	730357 000	Slec_type_:	AC
Agency:	MURRAY, ROBERT L.		
Address:	180 Fifth Avenue		
City/State/Zip:	BAYSHORE NY 11706		
Phone:	631-665-0662		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A11
WSW
1/4 - 1/2 Mile
Higher

NY WELLS NYWS006159

Well Id: NY5110526
System Id: 194
Type: Well
County: SUFFOLK COUNTY
Longitude: 730357 000
Agency: MURRAY, ROBERT L.
Address: 180 Fifth Avenue
City/State/Zip: BAYSHORE NY 11706
Phone: 631-665-0662

System name: SUFFOLK COUNTY WATER AUTHORITY
Well name: CHURCH STREET HBK. WELL # 2 S-31913
Active?: Active
Latitude: 404616 000
Slec_type_: AC

A12
WSW
1/4 - 1/2 Mile
Higher

NY WELLS NYWS006154

Well Id: NY5110526
System Id: 195
Type: Well
County: SUFFOLK COUNTY
Longitude: 730357 000
Agency: MURRAY, ROBERT L.
Address: 180 Fifth Avenue
City/State/Zip: BAYSHORE NY 11706
Phone: 631-665-0662

System name: SUFFOLK COUNTY WATER AUTHORITY
Well name: CHURCH STREET HBK. WELL # 3 S-47035
Active?: Active
Latitude: 404616 000
Slec_type_: AC

A13
WSW
1/4 - 1/2 Mile
Higher

NY WELLS NYWS006155

Well Id: NY5110526
System Id: 195
Type: Well
County: SUFFOLK COUNTY
Longitude: 730357 000
Agency: RANDAZZO, KAREN
Address: PO BOX 18043
City/State/Zip: HAUPPAUGUE NY 11788
Phone: 631-563-0258

System name: SUFFOLK COUNTY WATER AUTHORITY
Well name: CHURCH STREET HBK. WELL # 3 S-47035
Active?: Active
Latitude: 404616 000
Slec_type_: AC

A14
WSW
1/4 - 1/2 Mile
Higher

NY WELLS NYWS006156

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Id:	NY5110526	System name:	SUFFOLK COUNTY WATER AUTHORITY
System Id:	193	Well name:	CHURCH STREET HBK. WELL # 1 S-27259
Type:	Well	Active?:	Active
County:	SUFFOLK COUNTY	Latitude:	404616 000
Longitude:	730357 000	Slec_type_:	AC
Agency:	RANDAZZO, KAREN		
Address:	PO BOX 18043		
City/State/Zip:	HAUPPAUGUE NY 11788		
Phone:	631-563-0258		

15
WSW
1/2 - 1 Mile
Higher

FED USGS USGS2115602

Agency cd:	USGS	Site no:	404609073040103
Site name:	S 111. 3C	EDR Site id:	USGS2115602
Latitude:	404609	Dec lat:	40.76926493
Longitude:	0730401	Coor meth:	M
Dec lon:	-73.066499	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	103
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	SO1562		
Altitude:	47.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	88.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-02-29
Water quality data end date:	1980-08-10	Water quality data count:	3
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

16
SE
1/2 - 1 Mile
Lower

FED USGS USGS2115866

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404544073025101
Site name:	S 3520. 1	EDR Site id:	USGS2115866
Latitude:	404544	Dec lat:	40.76232048
Longitude:	0730251	Coor meth:	M
Dec lon:	-73.04705403	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	103
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	SO1617		
Altitude:	41.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	42.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1942-05-08	Ground water data end date:	1959-03-31
Ground water data count:	42		

Ground-water levels, Number of Measurements: 42

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-03-31		19.09	1959-02-27		18.83
1959-01-29		18.86	1958-12-15		18.83
1958-10-29		18.62	1958-09-23		19.01
1958-08-28		19.55	1958-07-29		20.30
1958-06-26		21.22	1958-05-27		21.77
1958-04-24		21.60	1943-08-02		18.75
1943-06-28		19.06	1943-05-29		19.03
1943-04-30		19.35	1943-03-31		19.40
1943-02-25		19.21	1943-01-30		19.32
1942-12-31		18.45	1942-11-30		18.11
1942-11-02		18.43	1942-09-28		18.87
1942-09-18		19.06	1942-09-11		19.07
1942-09-04		19.01	1942-08-28		18.85
1942-08-21		18.68	1942-08-14		18.63
1942-08-07		18.64	1942-07-31		18.72
1942-07-24		18.79	1942-07-17		18.89
1942-07-10		19.00	1942-07-06		19.05
1942-06-26		18.99	1942-06-19		18.85
1942-06-12		18.74	1942-06-05		18.72
1942-05-29		18.77	1942-05-22		18.84
1942-05-15		18.90	1942-05-08		18.99

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

Zip	Num Sites	< 4 Pci/L	>= 4 Pci/L	>= 20 Pci/L	Avg > 4 Pci/L	Max Pci/L
11741	1	1 (100%)	0 (0%)	0 (0%)	1.90	1.9

Federal EPA Radon Zone for SUFFOLK County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SUFFOLK COUNTY, NY

Number of sites tested: 183

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.670 pCi/L	100%	0%	0%
Basement	1.010 pCi/L	98%	2%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8056

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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