

# New York City Reconnaissance Soil Survey

## Legend, NYC Reconnaissance Soil Survey

### Symbol and Map unit - Acres

1. Pavement & buildings, postglacial substratum, 0 to 5 percent slopes - 512 acres
2. Pavement & buildings, till substratum, 0 to 5 percent slopes - 24303 acres
3. Pavement & buildings, outwash substratum, 0 to 5 percent slopes - 8123 acres
4. Pavement & buildings, wet substratum, 0 to 5 percent slopes - 5026 acres
5. Beaches, tide flooded - 1025 acres
6. Ipswich-Pawcatuck-Matunuck mucky peats, tide flooded - 4048 acres
7. Laguardia-Ebbets-Pavement & buildings, wet substratum complex, 0 to 8 percent slopes - 6977 acres
8. Laguardia-Ebbets-Pavement & buildings complex, 0 to 8 percent slopes - 1358 acres
11. Water, fresh - 629 acres
12. Greenbelt-Pavement & buildings, 0 to 8 percent slopes - 209 acres
25. Water, salt - 160 acres
64. Montauk-Foresthills complex, 0 to 8 percent slopes - 1280 acres
67. Pavement & buildings-Foresthills-Montauk complex, 0 to 8 percent slopes - 19778 acres
68. Pavement & buildings-Foresthills-Canarsie complex, 8 to 15 percent slopes - 2948 acres
69. Montauk-Foresthills complex, 15 to 35 percent slopes - 308 acres
77. Flatbush-Riverhead-Pavement & buildings complex, 0 to 8 percent slopes - 1719 acres
79. Riverhead-Flatbush complex, 0 to 8 percent slopes - 100 acres
92. Pavement & buildings, wet substratum-Bigapple-Verrazano complex, 0 to 8 percent slopes - 4548 acres
98. Greatkills-Freshkills complex, 3 to 25 percent slopes - 1051 acres
99. Bigapple-Fortress complex, 0 to 8 percent slopes - 3124 acres
100. Inwood-Laguardia-Ebbets complex, 0 to 8 percent slopes - 3062 acres
101. Pavement & buildings, wet substratum-Laguardia-Ebbets complex, 0 to 8 percent slopes - 8439 acres
106. Bigapple-Verrazano-Pavement & buildings, wet substratum complex, 0 to 8 percent slopes - 384 acres
123. Freshkills, geotextile liner substratum-Kleinekill sandy loams, 3 to 25 percent slopes - 1738 acres
128. Pavement & buildings-Laguardia-Ebbets complex, 0 to 8 percent slopes - 1262 acres
129. Hooksan-Dune land complex, 0 to 25 percent slopes - 757 acres
134. Charlton-Greenbelt complex, 0 to 8 percent slopes - 248 acres
135. Charlton-Greenbelt-Pavement & buildings complex, 15 to 50 percent slopes - 334 acres
137. Charlton-Sutton complex, 0 to 8 percent slopes - 717 acres
138. Charlton-Sutton complex, 8 to 15 percent slopes - 314 acres
139. Charlton-Sutton complex, 15 to 50 percent slopes - 423 acres
165. Montauk-Foresthills complex, 8 to 15 percent slopes - 1253 acres
171. Pavement & buildings-Chatfield-Greenbelt complex, 8 to 15 percent slopes - 560 acres
175. Centralpark-Canarsie complex, 0 to 8 percent slopes - 30 acres
204. Pavement & buildings-Charlton-Greenbelt complex, 0 to 8 percent slopes - 5253 acres
206. Pavement & buildings-Chatfield-Greenbelt complex, 15 to 50 percent slopes - 871 acres
207. Chatfield-Charlton complex, 15 to 50 percent slopes - 673 acres
208. Pavement & buildings-Hooksan-Verrazano complex, 0 to 8 percent slopes - 1882 acres
210. Jamaica-Barren sands, 0 to 3 percent slopes - 551 acres
211. Pavement & buildings-Flatbush-Riverhead complex, 0 to 8 percent slopes - 30877 acres
212. Pavement & buildings-Chatfield-Greenbelt complex, 0 to 8 percent slopes - 3668 acres
219. Chatfield-Greenbelt-Pavement & buildings complex, 0 to 8 percent slopes - 1399 acres
223. Chatfield-Greenbelt-Pavement & buildings complex, 15 to 50 percent slopes - 1058 acres
225. Plymouth-Flatbush-Pavement & buildings complex, 0 to 8 percent slopes - 695 acres
226. Pavement & buildings-Plymouth-Flatbush complex, 0 to 8 percent slopes - 677 acres
228. Foresthills-Greenbelt-Pavement & buildings complex, 0 to 8 percent slopes - 830 acres
230. Chatfield-Charlton complex, 0 to 8 percent slopes - 220 acres
231. Chatfield-Charlton complex, 8 to 15 percent slopes - 687 acres
232. Leicester-Sutton complex, 0 to 3 percent slopes - 258 acres
234. Pavement & buildings-Canarsie-Greenbelt complex, 15 to 50 percent slopes - 340 acres
235. Charlton-Greenbelt-Pavement & buildings complex, 0 to 8 percent slopes - 1562 acres
236. Shea-Pavement & buildings complex, 0 to 8 percent slopes - 681 acres
237. Charlton-Greenbelt-Pavement & buildings complex, 8 to 15 percent slopes - 42 acres
238. Windsor-Windsor, loamy substratum-Deerfield loamy sands, 0 to 8 percent slopes - 240 acres
240. Windsor-Verrazano-Pavement & buildings complex, 0 to 8 percent slopes - 742 acres
242. Hooksan-Verrazano-Pavement & buildings complex, 0 to 8 percent slopes - 780 acres
243. Montauk-Foresthills-Pavement & buildings complex, 8 to 15 percent slopes - 1095 acres
244. Montauk-Foresthills-Pavement & buildings complex, 0 to 8 percent slopes - 2886 acres
245. Deerfield-Wareham-Pavement & buildings complex, 0 to 8 percent slopes - 374 acres
246. Wareham-Deerfield complex, 0 to 3 percent slopes - 167 acres
247. Riverhead-Flatbush complex, 8 to 15 percent slopes - 78 acres
249. Riverhead-Pompton complex, 0 to 8 percent slopes - 272 acres
250. Unadilla-Riverhead-Pavement & buildings complex, 0 to 8 percent slopes - 403 acres
252. Laguardia-Centralpark-Pavement & buildings complex, 0 to 8 percent slopes - 254 acres
254. Greenbelt-Foresthills-Pavement & buildings complex, 0 to 8 percent slopes - 243 acres
260. Pavement & buildings-Foresthills-Wethersfield complex, 0 to 8 percent slopes - 8131 acres
262. Wethersfield-Ludlow-Wilbraham complex, 0 to 8 percent slopes - 3027 acres
264. Wethersfield-Ludlow complex, 8 to 15 percent slopes - 506 acres
268. Gravesend and Oldmill coarse sands, 0 to 8 percent slopes - 1068 acres
269. Flatland-Fishkill sandy loams, 0 to 3 percent slopes - 114 acres
270. Branford-Pompton complex, 0 to 8 percent slopes - 213 acres
274. Pavement & buildings-Flatbush-Branford complex, 0 to 8 percent slopes - 1778 acres
278. Wethersfield-Foresthills-Pavement & buildings complex, 15 to 25 percent slopes - 214 acres
280. Wethersfield-Foresthills-Pavement & buildings complex, 0 to 8 percent slopes - 4462 acres
283. Wethersfield-Foresthills complex, 0 to 8 percent slopes - 422 acres
284. Wethersfield-Foresthills complex, 8 to 15 percent slopes - 79 acres
285. Greenbelt-North Meadow complex, 0 to 8 percent slopes - 398 acres
304. Pavement & buildings-Windsor-Verrazano complex, 0 to 8 percent slopes - 909 acres
306. Wotalf-Todthill-Cheshire loams, 15 to 50 percent slopes - 316 acres
311. Wethersfield-Ludlow complex, 15 to 50 percent slopes - 188 acres
314. Greenbelt-Cheshire-Pavement & buildings complex, 0 to 8 percent slopes - 476 acres
322. Ludlow-Wilbraham complex, 0 to 8 percent slopes - 110 acres
324. Pavement & buildings-Greenbelt-Cheshire complex, 0 to 8 percent slopes - 1273 acres
344. Wotalf-Todthill-Pavement & buildings complex, 15 to 50 percent slopes - 486 acres
346. Wethersfield-Foresthills-Pavement & buildings complex, 8 to 15 percent slopes - 375 acres
348. Pavement & buildings-Wotalf-Todthill complex, 15 to 50 percent slopes - 272 acres
364. Haledon-Hasbrouck complex, 0 to 3 percent slopes - 648 acres
370. Boonton-Haledon complex, 0 to 8 percent slopes - 417 acres



Bedrock outcrop, Bronx



Deerfield Soil, Staten Island



Bigapple soil, Brooklyn



Wethersfield soil, Staten Island



Laguardia soil, Queens



Approximate Scale: 1:62,500



The New York City Reconnaissance Soil Survey is a product of the United States Department of Agriculture - Natural Resources Conservation Service, in cooperation with the New York City Soil and Water Conservation District and Cornell University Agricultural Experiment Station. The map projection is NAD 83 UTM Zone 18. Orthophotography mosaic (New York City Landbase version 1.10) is provided by the New York City Department of Information Technology and Telecommunications (DoITT) and the New York City Department of Environmental Protection (DEP). Date of photography - 1996.

USDA is an Equal Opportunity Provider and Employer.

Updated: 4/7/2006

United States Department of Agriculture  
**NRCS** Natural Resources Conservation Service  
 New York City Soil Survey Program  
 1000 South Avenue, Ste., LL4 Staten Island, NY 10314  
 Phone: 718-761-1657 Fax: 718-761-2290

**NEW YORK CITY SOIL AND WATER CONSERVATION DISTRICT**  
 121 Sixth Avenue, Suite 501, New York, NY 10013 ? 212.431.9676 ? Fax: 212.965.1859 ? info@nyswcd.net