74° 30'
20'
74° 10'
41° 10'
41° 00'
40° 50'

SUSSEX COUNTY
NEW YORK
BERGEN COUNTY
MORRIS COUNTY
ESSEX COUNTY

BEARFORT MOUNTAIN
WOUSE MOUNTAIN
KAKO
RAMAPO MOUNTAIN
PACKANACK MTN
SECOND WATCHUNG MOUNTAIN
FIRST WATCHUNG MOUNTAIN

MILFORD
RINGWOOD
NEWFOUNDLAND
CHARLOTTEBURG
BLOOMINGDALE
WANAQUE
POMPTON LAKES
WEST MILFORD
HALEDON
NORTH HALEDON
PROSPECT PARK
PATERSON
TOTOWA
WEST PATERSON
WAYNE
PASSAIC

Clinton Reservoir
Oak Ridge Reservoir
Echo Lake
Charlotteburg Reservoir
Pequannock
Pompton River
Ramapo River
Wanaque Reservoir
Monksville Reservoir
Greenwood Lake
Upper Greenwood Lake
Pines Lake
Lake Hiawatha
High Mtn.

EXPLANATION

50

Line of equal thickness of the Quaternary deposits; includes total thickness of all unconsolidated deposits above the bedrock surface.

Interval 25 ft (8 m) to 100 ft (30 m); not delineated where thicknesses are greater than 100 ft (30 m). Lines based on about 500 driller's logs of wells that were largely located by assigned locations of the N. J. Bureau of Geology. Most locations were not field checked.

X_{260}

Reported total thickness, in feet, of Quaternary deposits.

$\bullet_B$

Well

Produces from intervals of sand and gravel that are:

A. less than 10 ft (3 m)
B. 10 to 30 ft (3 to 9 m)
C. greater than 30 ft (9 m)

$\bullet_A$

Well

Produces from bedrock. Driller's log indicates intervals of sand and gravel overlying bedrock that are:

A. less than 10 ft (3 m)
B. 10 to 30 ft (3 to 9 m)
C. greater than 30 ft (9 m)

$\circ_T$

Well penetrating bedrock

Driller's log indicates till (T), or laminated silts and clays (L), or intervals possibly containing sand and gravel (S) overlying bedrock.

1 0 1 2 3 Miles
0 1 2 3 4 5 Kilometers

Base map adapted from N. J. State Atlas Sheets 22, 23, and 26.

Figure 4. -- Map showing thickness and composition of Quaternary deposits in Passaic County, New Jersey

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