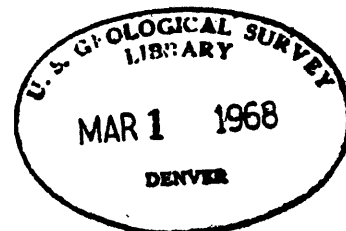


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U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.
20242



For release MARCH 8, 1968

The U. S. Geological Survey is releasing in open files the following reports. Copies are available for consultation in the Geological Survey Libraries, 1033 GSA Bldg., Washington, D.C. 20242; Bldg. 25, Federal Center, Denver, Colo. 80225; and 345 Middlefield Rd., Menlo Park, Calif. 94025. Copies are also available for consultation in other offices as listed:

1. Preliminary surficial geologic map and materials test data of the Golden quadrangle, Jefferson County, Colorado, by Richard Van Horn. 1 map, 1 table (3 sheets), scale 1:24,000. 8102 Federal Office Bldg., Salt Lake City, Utah, 84111; 1012 Federal Bldg., Denver, Colo. 80202. Material from which copy can be made at private expense is also available in this Denver office.

2. Palynological investigations in the Pennsylvanian of Kentucky - IV, by Robert M. Kosanke. 39 p. 710 West High St., Lexington, Ky. 40508; Kentucky Geological Survey, 307 Mineral Industries Bldg., 120 Graham Ave., Lexington, Ky. 40506. Material from which copy can be made at private expense is available in the Library, Bldg. 25, Federal Center, Denver, Colo. 80225.

3. Preliminary materials map of the Goshen quadrangle, Massachusetts, by G. William Holmes. 1 map, 4 tables. Scale 1:24,000. Massachusetts Dept. of Public Works, 100 Nashua St., Boston, Mass. 02114; and USGS, 80 Broad St., Boston, Mass. 02110. Material from which copy can be made at private expense is available in the USGS Boston office.

68-133 [4.] Preliminary materials map of the North Adams quadrangle, Massachusetts-Vermont, by G. William Holmes. 1 map, 7 tables, scale 1:24,000. Massachusetts Dept. of Public Works, 100 Nashua St., Boston, Mass. 02114; and USGS, 80 Broad St., Boston, Mass. 02110. Material from which copy can be made at private expense is available in the USGS Boston office.

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5. Geologic map of the Harwich quadrangle, Barnstable County, Cape Cod, Massachusetts, by Robert N. Oldale. 16 p., 1 map, explanation, cross-sections, scale 1:24,000.

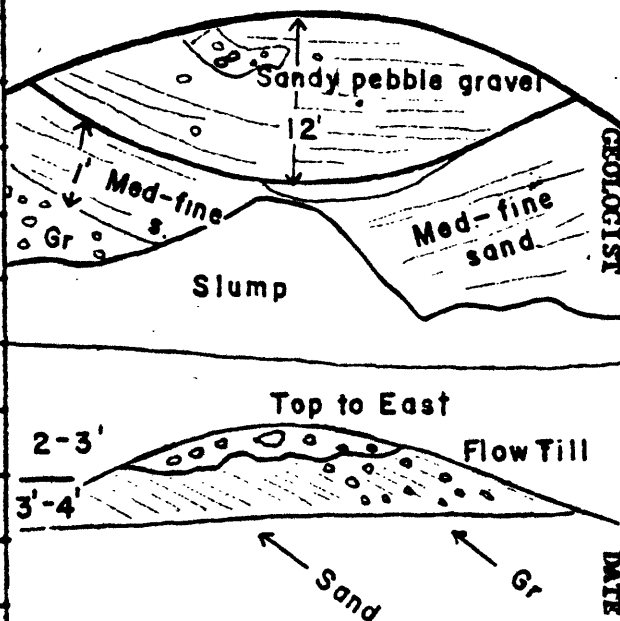
* * * * *

d and megascopic observations:

Station number 7
Location: County Bennington Town Stamford Pit X Active Inactive
Road location Off Route 8 Coordinates 42°45'N
73°04'W
Geologic unit or occurrence Delta complex
Textural description Sand and sandy pebble gr. Eng. Soil Type SW
Dimensions of deposit: Areal extent 1000x1000' Estimated thickness 40'
Dimensions of pit: Areal extent 100x250' Exposed thickness 24'
Lithologic composition (approximate %) Quartzite 60, granite 30, misc. 10
Grain size: Maximum 1' Mean 1 mm Est. % of sand 65 Est. % fines 2
Rounding Subrounded Grading Well Sorting Medium
Soil development Stripped Color Light yellow
Oxidation or staining -- Leaching --
Secondary deposition -- Reactive matter --

Rock type	

Section:



General Description: Channel deposit at Bascom shore possibly part of delta.

No collapse seen. Good shallow exposure of gently tilted foresets dipping east Ca 15° with "flow-till" overlying. Probably a delta. Very good foresets in pit in same delta in Stamford quad.

North Adams
QUADRANGLE

Vermont
STATE

D. W. Holmes
GEOLOGIST

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materials
Mass.

Field and megascopic observations:

Station number 6

Location: County Berkshire Town Clarksburg Pit X Active Inactive

Road location Off Middle Road Coordinates 42°43'N 73°06'W

Geologic unit or occurrence Delta

Textural description Pebble sand Eng. Soil Type SW

Dimensions of deposit: Areal extent 1400x1400' Estimated thickness 40'

Dimensions of pit: Areal extent 300x300' Exposed thickness 24'

Lithologic composition (approximate %) 60 quartzite, 20 granite, 20 misc.

Grain size: Maximum 1' Mean 1 mm Est. % of sand 95 Est. % fines 1

Rounding Well Grading Well Sorting Medium

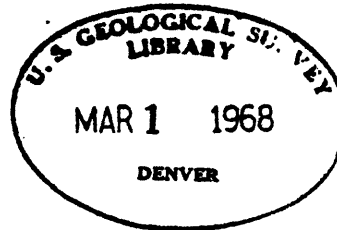
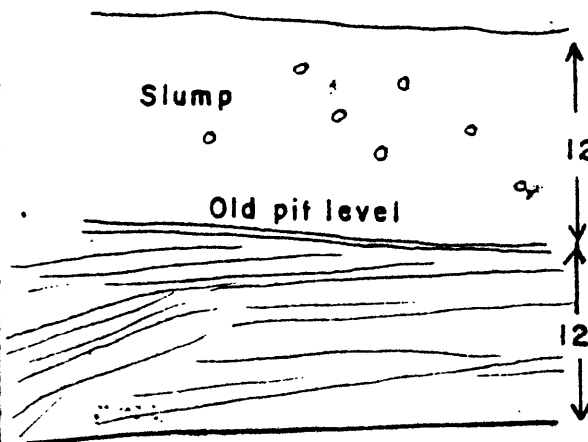
Soil development 1'-15' B Horizon Color Yellow brown

Oxidation or staining Max. Ca 2' Leaching -

Secondary deposition -- Reactive matter -

Rock type	

Section:



General Description: Very well developed sporadically exposed fairly even foreset beds, mostly sand overlain by somewhat cobbly sand dipping south. At Lake Bascom shore line.

North Adams
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Mass.
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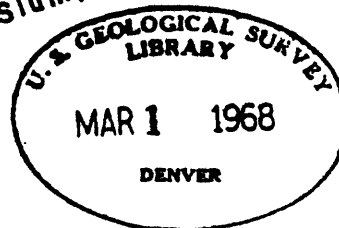
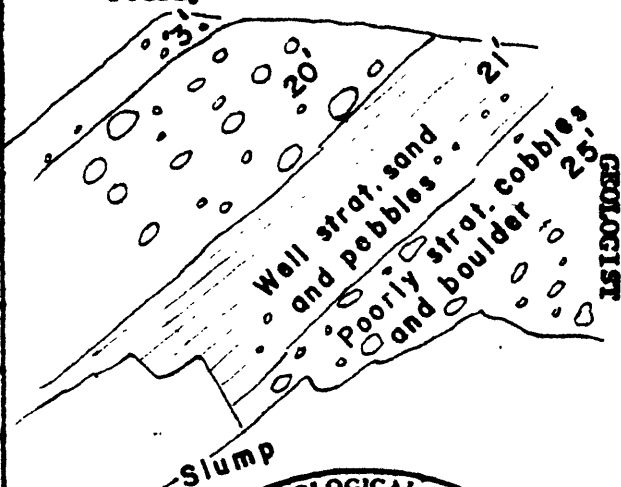
G. W. Holmes
GEOLOGIST

November, 1965
DATE PROJECT
Mass. materials

Field and megascopic observations:

Station number 5Location: County Berkshire Town North Adams Pit X Active
InactiveRoad location Ashland St. at DFW yard Coordinates 42°41'N
73°06'WGeologic unit or occurrence Ice contact stratified drift. Kame and eskerTextural description Cobble gravel Eng. Soil Type GWDimensions of deposit: Areal extent 1600x400' Estimated thickness 45'Dimensions of pit: Areal extent 150x25 Exposed thickness 35'Lithologic composition (approximate %) Quartzite 85%, schist, gneiss 15%Grain size: Maximum 2-3' Mean 1 Est. % of sand 25 Est. % fines 3Rounding Well Grading Well Sorting VariableSoil development 1-2' B Color BrownOxidation or staining 2' Leaching --Secondary deposition Some caliche Reactive matter CaCO₃

Rock type	

Section: Boulder Sand
Poorly stratified cobbles

General Description: Heterogeneous mixture of boulders to coarse sand, mostly slumped but some sections suggesting steep foresets dipping south and possibly deltaic. Part on DFW land and used for road material. North end largely removed by quarrying.

North Adams

QUADRANGLE

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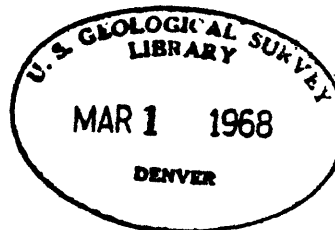
Field and macroscopic observations:

Station number 4Location: County Berkshire Town North Adams Pit X Active
Inactive42°40'NRoad location State St. and Howland Ave. Coordinates 73°07'WGeologic unit or occurrence Ice contact stratified drift in kameTextural description Cobbles, pebbles, sand Eng. Soil Type GWDimensions of deposit: Areal extent 1400x4600' Estimated thickness 55'Dimensions of pit: Areal extent 600x600' Exposed thickness 25'Lithologic composition (approximate %) 90% quartzite, 10% miscellaneousGrain size: Maximum 1' Mean 1 mm Est. % of sand 60 Est. % fines 1-2Rounding Well Grading Well Sorting VariableSoil development Stripped Color --Oxidation or staining -- Leaching --Secondary deposition -- Reactive matter --

Section:

Rock type	

Very complex kame with dozens of slumped exposures exhibiting complex collapse structures, heterogeneous composition from medium well-stratified sand to unstratified cobbles.



General Description: A very large, old pit with a very large reserve of gravel to the south.

North Adams

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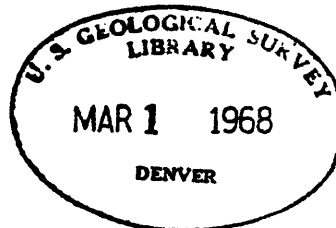
Field and megascopic observations:

Station number 3 & 3aLocation: County Berkshire Town Adams Pit 3 ^{Active}
~~Inactive~~Road location Nr. State Street Coordinates 42°39'N
73°07'WGeologic unit or occurrence Ice contact stratified drift in kameTextural description Pebble sand Eng. Soil Type SWDimensions of deposit: Areal extent 1400'x1600' Estimated thickness 55'Dimensions of pit: Areal extent 300'x300' ^{Composite}
Exposed thickness 35'Lithologic composition (approximate %) Quartzite 90, misc. 10Grain size: Maximum 6" Mean 2 mm Est. % of sand 95 Est. % fines 1-2Rounding Well Grading Medium Sorting MediumSoil development Stripped Color --Oxidation or staining -- Leaching --Secondary deposition -- Reactive matter --

Section:

Rock type	

Mostly slumped. Composite exposures indicate mostly well stratified sand. Minor collapse structures in lower part of section. A series of 6-8 pit faces. Pit 3A to north inactive, similar in lithology, and in same kame.



General Description: Evenly bedded mostly horizontal medium to coarse sand with some lenses of pebbles and cobbles. Coarser fraction crushed to fine-pebble size. Apparently intermittent use.

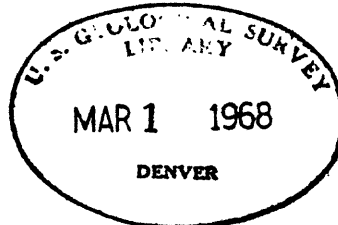
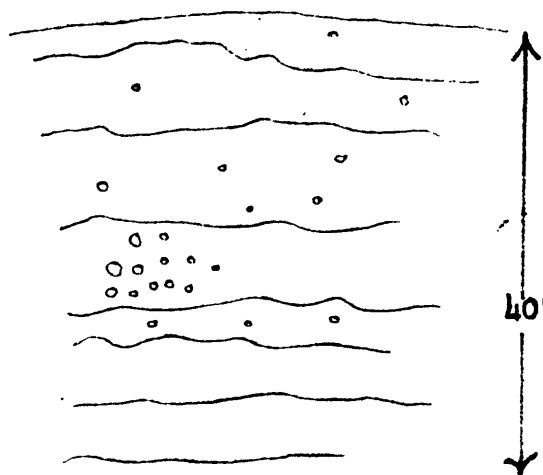
North Adams
QUADRANGLEMass.
STATEG. W. Holmes
GEOLOGISTNovember 1965
DATEMass. materials
PROJECT

Field and megascopic observations:

Station number 2
 Location: County Berkshire Town Adams Pit X Active Inactive
 Road location Route 8 at Renfrew Coordinates 42°38' N
73°07' W
 Geologic unit or occurrence Ice contact stratified drift in kame
 Textural description Cobble gravel Eng. Soil Type GW
 Dimensions of deposit: Areal extent 1000x3000' Estimated thickness 60'
 Dimensions of pit: Areal extent 100x200' Exposed thickness 40'
 Lithologic composition (approximate %) Quartzite 80, gneiss 10, granite 5, misc. 5
 Grain size: Maximum 3' Mean 1/2" Est. % of sand 40 Est. % fines 1-2
 Rounding Well Grading Well Sorting Medium
 Soil development Stripped Color —
 Oxidation or staining — Leaching —
 Secondary deposition — Reactive matter —

Rock type	

Section:



General Description: Heterogeneous texture consisting of interlayered slightly undulating strata of cobbles, pebbles, and sand, with a few large lenses or pods of cobble sand and evenly stratified sand. Excellent source of a variety of materials. No evidence of CaCO₂ concretions.

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Field and megascopic observations:

Station number 1

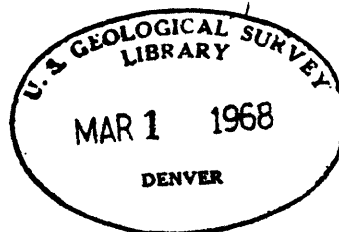
Location: County Berkshire Town Adams Pit X Active
and Valley Inactive
 Road location Columbia (Rte. 8) / St. Coordinates 42°37.5' N
73°07' W

Geologic unit or occurrence Ice-contact stratified drift in kameTextural description Cobble gravel and sand Eng. Soil Type GW
6000x800' SWDimensions of deposit: Areal extent (see map) Estimated thickness 40'Dimensions of pit: Areal extent *300x330' Exposed thickness 25'Lithologic composition (approximate %) Quartzite 70, granite 10, gneiss 10.Grain size: Maximum 1' Mean 1 mm Est. % of sand 50 Est. % fines 1-2Rounding Well Grading Well Sorting MediumSoil development Stripped Color --Oxidation or staining -- Leaching --Secondary deposition -- Reactive matter Calcium carbonate

Section:

Badly slumped and disturbed by old
 excavation.

Rock type	



General Description: *Two small exposures, one of sand, well stratified; one of
 cobble gravel, slumped, and part of old foundation.

North Adams

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STATEG. W. Holmes
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DATEMASS.
PROJECT