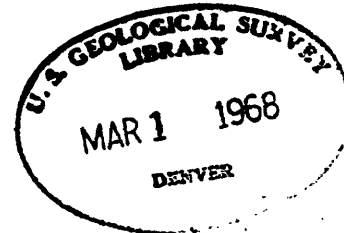


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U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.  
20242



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.

68-132 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.

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.

\* \* \* \* \*

Field and macroscopic observations:

station number 1  
 Location: County Hampshire Town Goshen Pit Active  
Inactive  
 42°24.5'N  
 Road location Hyde Hill Road Coordinates 72°46.5'W  
 Geologic unit or occurrence Ice-contact stratified drift in kame  
 Textural description Sand Eng. Soil Type SP  
 Dimensions of deposit: Areal extent 1000' x 1000' Estimated thickness 60'  
 Dimensions of pit: Areal extent 50' x 50' Exposed thickness 25'  
 Lithologic composition (approximate %) \_\_\_\_\_  
 Grain size: Maximum 4" Mean 0.01" Est. % of sand 80 Est. % fines 10-12  
 Rounding Sub-rounded Grading Poor Sorting Good  
 Soil development A - 3"; B - 18" Color 10 YR 8/2 - 7/2  
 Oxidation or staining Some Fe Leaching --  
 Secondary deposition -- Reactive matter none

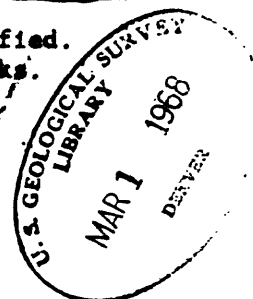
Rock type	%
Too few for a count	
Estimated:	
Quartz	10
Granite	40-55
Gneiss	10
Fine-grained mafic	15
Mafic schist	10

Section:

A horizon 3"  
 B horizon 1.5'  
 silty  
 8"  
 Pebbles  
 Stratified 21-22'  
 fine sand ...  
 with a few ...  
 small pebbles  
 Iron oxide in  
 small stringers

General Description: Face open. Washed material, stratified.  
 Some parts of pit complex seem to have till-like blocks.

U.S. Geological Survey  
 OPEN FILE REPORT  
 This report is preliminary and has  
 not been edited or reviewed for  
 conformity with Geological Survey  
 standards or nomenclature.



Goshen  
 MASS.  
 STATE  
 GEOLOGIST  
 C.C. Kelley  
 8/9/67  
 DATE  
 PROJECT  
 Mass. Materials

Field and macroscopic observations:

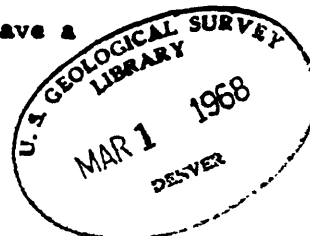
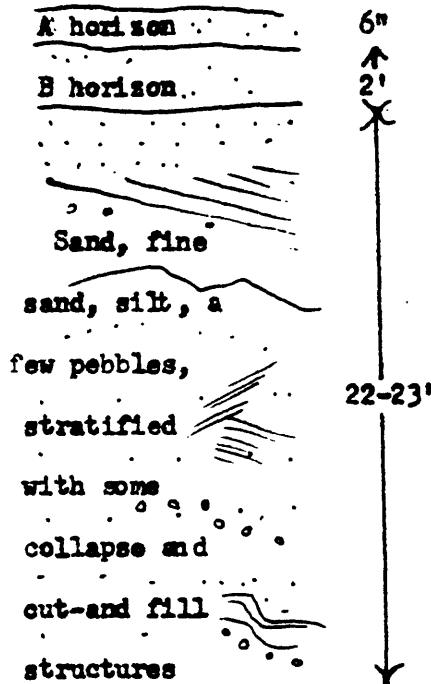
Station number 2  
 Location: County Hampshire Town Goshen Pit x Active  
Inactive  
42°24.5'N  
 Road location Hyde Hill Road Coordinates 72°47.0'W  
 Geologic unit or occurrence Ice-contact stratified drift in kame  
 Textural description Pebble sand Eng. Soil Type G W  
 Dimensions of deposit: Areal extent 1000' x 1000' Estimated thickness 50'  
 Dimensions of pit: Areal extent 150' x 50' Exposed thickness 25'  
 Lithologic composition (approximate %) \_\_\_\_\_  
 Grain size: Maximum 4' Mean 0.001" Est. % of sand 60 Est. % fines 10  
Sub-rounded  
 Rounding to rounded Grading Poor to medium Sorting Medium to well  
 Soil development A - 6"; B - 24" Color 10 YR 7/2  
 Oxidation or staining minor Fe Leaching \_\_\_\_\_  
 Secondary deposition -- Reactive matter None observed

Rock type	%
Garnet schist	24
Feldspar	4
Granite	36
Fine-grained mafic	22
Quartz	6
Quartzite	6
Gneiss	2

General Description:

Some parts more gravelly than others. One area seems to have a block of till.

Section:



Goshen  
QUADRANGLE  
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Field and megascopic observations:

Station number 3

Location: County Hampshire Town Goshen Pit x Active  
Inactive

42°26.0'N

Road location Wing Hill Road Coordinates 72°46.5'W

Geologic unit or occurrence Ice-contact stratified drift in kame

Textural description Pebble sand Eng. Soil Type SW

Dimensions of deposit: Areal extent 2000' x 2000' Estimated thickness 150'

Complex

Generally

Dimensions of pit: Areal extent 700' x 300' Exposed thickness 20"

Lithologic composition (approximate %) \_\_\_\_\_

Grain size: Maximum 40" Mean .01" Est. % of sand 70 Est. % fines 10-15

Round to

Rounding sub-rounded Grading Fair to med. Sorting Medium to poor

Soil development A = 3"; B = 18-24" Color Light grey

Oxidation or staining Fe streaks & patches Leaching --

Secondary deposition Fe Reactive matter None

Section:

Slumped, but stratification, collapse structures and pebble lenses present; plus a few random boulders

Rock type	%
Quartz	2
Granite	58
Fine-grained mafic	20
Garnet schist	18
Quartzite	2

General Description: This is a complex of around twelve shallow pits which vary in texture of materials.

Coshen  
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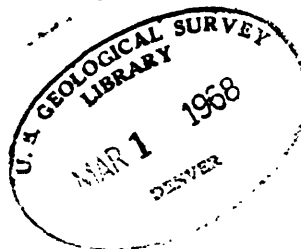
Field and megascopic observations:

Station number 4  
 Location: County Franklin Town Conway Pit x Active  
42°26.0' N  
 Road location Main Road Coordinates 72°45.0' W  
 Geologic unit or occurrence Ice-contact stratified drift in kame  
 Textural description Pebble sand Eng. Soil Type SP  
 Dimensions of deposit: Areal extent ? Estimated thickness ?  
 Dimensions of pit: Areal extent 100' x 48' Exposed thickness 10'  
 Lithologic composition (approximate %) \_\_\_\_\_  
 Grain size: Maximum 3' Mean 0.01" Est. % of sand 75 Est. % fines 10-15  
Sub-rounded  
 Rounding to sub-angular Grading Fair to med. Sorting Medium to poor  
 Soil development Stripped Color \_\_\_\_\_  
 Oxidation or staining Some Fe Leaching --  
 Secondary deposition -- Reactive matter None noted

Section:

Rock type	
This has served as a storage for	
road materials which have been	
brought from other active pits.	
Pebbles probably do not reflect	
true composition of this pit.	

Slumped. Stratified silt, sand and pebbles. Random cobbles, and boulders.



General Description:

QUADRANGLE

STATE

GEOLOGIST

DATE

PROJECT

Cohen

Mass.

G. C. Kelley

8/9/67

Mass. Materials