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U. S. GEOLOGICAL SURVEY  
Washington, D. C.  
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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. They are also available for consultation in other offices as listed:

1. Platinum deposits of Alaska, by John B. Mertie, Jr. 65 p., 2 black-and-white plates, 6 tables. Brooks Bldg., College, Alaska 99701; 108 Skyline Bldg., 508 2nd Ave., Anchorage, Alaska 99501; 441 Federal Bldg., Juneau, Alaska 99801; 504 Custom House, San Francisco, Calif. 94111; 7638 Federal Bldg., Los Angeles, Calif. 90012. Reproducible material for the two plates from which copy can be made at private expense is available in the San Francisco office shown above.

2. Availability of palynological material from Naval Petroleum Reserve No. 4, IV: North Simpson Test Well No. 1, by Richard A. Scott. 2 p.

3. Map showing location of subbottom acoustic profiles in San Francisco Bay from Bay Farm Island westward toward Hunter's Point, filed with the National Oceanographic Data Center, by the U. S. Geological Survey. 1 p., 4 maps (page size). 504 Custom House, San Francisco, Calif. 94111.

Master copies of the continuous profiler records are filed with the National Oceanographic Data Center, Bldg. 150, Washington Navy Yard, Washington D.C. 20390, and may be inspected there. Single copies of the maps may be obtained from the Data Center and arrangements may be made with them to secure material from which copies of the data may be made at private expense.

4. Preliminary geologic map of Bancroft quadrangle, Caribou and Bannock Counties, Idaho, by S. S. Oriol. 1 sheet, scale 1:48,000. Copies of the report are also available for consultation at 678 U. S. Court House Bldg., West 920 Riverside Ave., Spokane, Wash. 99201; 1012 Federal Bldg., Denver, Colo. 80202; and 8102 Federal Office Bldg., Salt Lake City, Utah 84111; and material from which copy can be made at private expense is also on file in those three offices.

5. Preliminary materials map, Blandford quadrangle, Massachusetts, by G. William Holmes. 1 map, scale 1:24,000; 4 tables. Massachusetts Dept. of Public Works, 100 Nashua St., Boston, Mass. 02114; USGS, 80 Broad St., Boston, Mass. 02110.- Latter office also holding material from which copy can be made at private expense.

6. Preliminary materials map, Cheshire quadrangle, Massachusetts, by G. William Holmes. 1 map, scale 1:24,000; 22 tables. (See No. 5, above.)

7. Preliminary materials map, Pittsfield East quadrangle, Massachusetts, by G. William Holmes. 1 map, scale 1:24,000; 15 tables. (See No. 5, above.)

8-135 → 8. Preliminary materials map, Plainfield quadrangle, Massachusetts, by G. William Holmes. 1 map, scale 1:24,000; 3 tables. (See No. 5, above.)

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Field and megascopic observations:

Station number 1-11A

Location: County Franklin Town Hawley Pit x Active Inactive

Road location Central and Hawley St. Coordinates \_\_\_\_\_

Geologic unit or occurrence Ice channel deposit

Textural description Pebble sand Eng. Soil Type SW

Dimensions of deposit: Areal extent 150' x 900' Estimated thickness 25'

Dimensions of pit: Areal extent 150' x 250' Exposed thickness 20'

Lithologic composition (approximate %) Gneiss, 30; granite, 10; quartzite, 40; Schist 15; misc. 5

Grain size: Maximum 8" Mean 1 mm Est. % of sand 95 Est. % fines 1-2

Rounding Subrounded Grading Well Sorting Med. in sand

Soil development 1.5' brown B Color Brown

Oxidation or staining \_\_\_\_\_ Leaching --

Secondary deposition -- Reactive matter --

Section:

Rock type	

0.1' Dark Brown A-horizon  
1.5' Brown sand B horizon

Stratified alternating coarse sand and pebbles, some cobbles, rare boulders  
18' Slightly wavy but essentially horizontal ice channel deposit



\* 1 Boulder 6-7' diameter

General Description: Coarse, clean sand with some cobbles and pebbles. Pit among few good quality sources in this area. Owned by State.

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.

PLAINFIELD  
QUADRANGLE  
MASSACHUSETTS  
STATE  
G. W. HOLMES  
GEOLOGIST  
JULY 1966  
DATE  
MASS. MATERIALS  
PROJECT

Field and megascopic observations:

Station number 2  
Active  
Inactive

Location: County Franklin Town Hawley Pit x  
Pudding Hollow Nr.  
 Road location West Hawley Rd Coordinates \_\_\_\_\_

Geologic unit or occurrence Ice contact stratified drift in kame

Textural description sand Eng. Soil Type SW

Dimensions of deposit: Areal extent 2500' x 1000' Estimated thickness 50'

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

Lithologic composition (approximate %) Mostly (95%) sand; boulders; schist;

Grain size: Maximum 8' Mean 1/2" Est. % of sand 95 Est. % fines 2

Rounding Subangular Grading well Sorting medium

Soil development slumped Color Light yellow B; Gray C

Oxidation or staining -- Leaching --

Secondary deposition -- Reactive matter --

Section:

N/A

Rock type	

General Description: Pit abandoned for some time. However, not far from major road (8A and Mohawk Trail). One of few sources of clean sand in area.

PLAINFIELD  
 QUADRANGLE  
 MASSACHUSETTS  
 STATE  
 G. W. HOLMES  
 GEOLOGIST  
 OCT. 1965  
 DATE  
 MASS. MATERIALS  
 PROJECT

## Field and megascopic observations:

Station number 3ActiveLocation: County Franklin Town Charlemont Pit x Inactive  
with Hawley Rd.Road location Rt. 8A near junction Coordinates \_\_\_\_\_Geologic unit or occurrence High terrace (stream terrace deposit)Textural description Pebble-cobble gravel Eng. Soil Type CwDimensions of deposit: Areal extent 2000x400' Estimated thickness 30'Dimensions of pit: Areal extent 300x300' Exposed thickness 12'Lithologic composition (approximate %) \*Grain size: Maximum 10" Mean 1 mm Est. % of sand 40 Est. % fines 3Rounding Well Grading Well Sorting Med.Soil development 1.5 B horizon Color Med. brownOxidation or staining 1.5' - 2' Leaching --Secondary deposition -- Reactive matter --

## Section:

Slumped

Rock type	*	%
Quartzite		53
Gneiss		23
Granite		16
Schist		3
Mic.		5

General Description: Two small pits on stream terrace with good quality gravel in an area of very few gravel deposits. Small isolated terrace to the east of East Hawley Road near ski slope has been partly exploited, but quality of sand is low.

PLAINFIELD  
QUADRANGLEMASS.  
STATEC. W. HOLMES  
GEOLOGISTOCT. 1965  
DATEMASS. MATERIALS  
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