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NATIONAL BUREAU OF STANDARDS • E. U. Condon, *Director*

Stone Exposure Test Wall

Daniel W. Kessler and R. E. Anderson



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Foreword

The exposure test wall was built at the National Bureau of Standards in connection with a long-time project to study the action of various weathering agents affecting stone masonry. The project is a cooperative investigation between the National Bureau of Standards and Committee C-18 on Natural Building Stones of the American Society for Testing Materials.

This report sets forth problems on weathering, discoloration, and certain construction features. The four tables will serve as a permanent record of the individual samples in the wall. It is proposed to make detailed studies on the various materials as weathering becomes apparent and to issue additional reports when the data are available.

E. U. CONDON, *Director.*

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Stone Exposure Test Wall

Daniel W. Kessler and R. E. Anderson

A test wall was built at the *National Bureau of Standards* during the months of September, October, and November 1948 in a plot set aside on the Bureau grounds for weathering tests of structural materials. The wall contains 2,059 samples of stone in the front, or south face, and 293 in the back and ends; of these, 2,032 were domestic stones supplied by 47 States, and 320 were foreign samples supplied by 16 countries.

Stones in the east half of the south face are set in lime mortar with the exception of those in the base. All other stones in the wall are set in a portland cement mortar with a small addition of whiting. The core of the wall is of concrete, reinforced with steel bars.

The wall contains 30 distinct types of stones, some of which are not commonly used for building purposes. There are many varieties of the usual types, such as marble, limestone, sandstone, and granite. The variations in composition or physical properties, such as strength, porosity, and density, will be of value in studying the relation between such properties and weather resistance.

The main problem is to determine the nature and relative severity of the various agents that cause deterioration and how they affect different stones. Certain structural features of the wall, such as length changes, warpage, back waterproofing, and grade waterproofing, are being studied in relation to weathering and discolorations on the stonework.

Each block is identified by a number determined by its position in the wall. This eliminates the necessity of frequent relabeling. The various samples are described under the wall numbers in tables that give specific information on location of stone deposits, classification, color, texture, and geological age, when known.

1. Introduction

During the latter part of 1942, the National Museum in Washington, D. C. found it necessary to seek more working space, and it was decided to discard a large collection of building stones that had been assembled over a period of 60 years. A committee was appointed to consider whether or not any worthwhile use could be made of the collection. It was decided that a study of actual weathering on such a great variety of stones would afford valuable information. A plan was worked out for building a test wall at the National Bureau of Standards as a cooperative study between this Bureau and Committee C-18 of the American Society for Testing Materials.

The collection was stored at the National Bureau of Standards until the end of World War II, when the work of sorting, identifying, and trimming was started.

The sizes, shapes, and finishes were such that a great deal of time was required to recut many of the blocks before a logical design for the wall could be worked out. The original collection was supplemented with several larger blocks of granite, marble, limestone, sandstone, and greenstone supplied from present-day quarries. Test specimens¹ were cored or sawed from all of the new and many of the old blocks before the wall was built. These specimens were taken from the back portions of blocks, at least three inches from the

faces to be exposed to the weather. A considerable number of the original samples had rough faces that had to be removed. The cuttings were labeled and retained for future use in determining the nature of weathering processes.

The test wall was built at the National Bureau of Standards during September, October, and November of 1948 in a plot set aside by the Bureau for weathering tests of structural materials. Since the weathering of stone is usually a slow process, it is evident that the test should extend over a period of many years. The ultimate value will depend upon how future generations follow through in analyzing the results. The findings are expected to lead to the formulation of improved durability tests and specifications for masonry, which should result in more satisfactory buildings from the standpoint of economy and artistic appearance. Some useful information on discolorations and weathering of certain stones has already been obtained.

Aside from the objectives stated, this wall will serve to preserve a valuable collection of building stones, and the catalog of samples should be useful as a reference for builders in determining what kinds of stones are available in many localities.

2. Construction Features

The wall is approximately 37 ft. 9 in. long, 12 ft. 10 in. high, 2 ft. thick at the bottom and 1 ft. at

¹ In this report, each block is considered as a sample from a particular deposit of stone. Smaller pieces cut from a block for testing are called specimens.

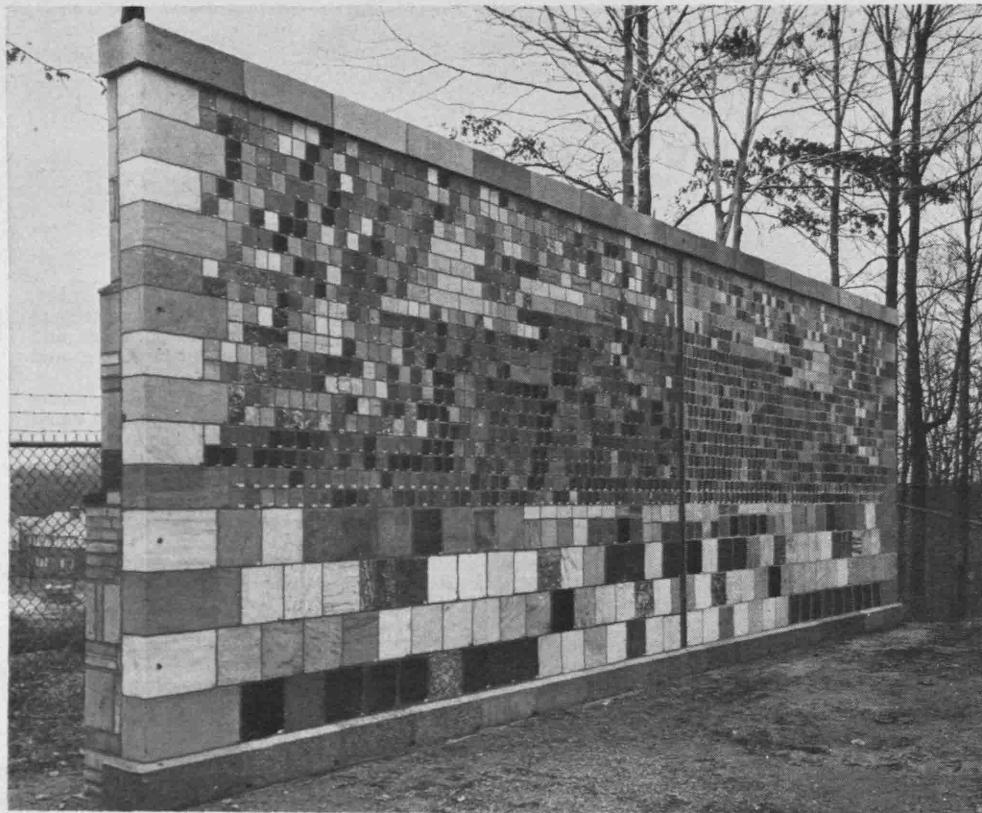


FIGURE 1. *South face and west end of exposure test wall.*
Photographed 1 month after erection.

the top. The south face, shown in figure 1, includes a granite base, limestone coping, marble quoins on the west end, and sandstone quoins on the east end. The photograph of the wall was taken 1 month after its completion, and shows the south face and west end. The stone facing varies in thickness, most of the blocks below course 5 being 5 in. or more thick and above course 4, 4 in. or less. The divider strip extends 8 in. into the wall. A record of the dimensions of all blocks in the south face is maintained in the files. The wall is built on a concrete foundation which extends 30 in. below grade. Grade waterproofings under the base course are (1) two layers of $\frac{1}{4}$ in. Virginia slate, laid with broken joints in cement mortar under base blocks 1B, 2B, 3B, 15B, 16B, and 17B; (2) one layer of 18-oz. copper under base blocks 7B, 8B, 9B, 10B, and 11B. Both slate and copper extend 18 in. into the wall and the intervening sections of the base course have no grade waterproofing. The stonework was built up in sections about 2 ft. high, after which the concrete backing was poured to this level.

The back of the stone facing above the copper grade waterproofing was treated with a brush coat of asphalt emulsion, which was allowed to dry before the concrete was poured. The concrete back-

ing was reinforced as shown in figure 2, and perforated 18-gage galvanized iron strips were used at frequent intervals to tie the stone facing to the concrete backing. The locations of these strips are also shown in these figures.

The stone-setting mortar used in the front of the wall was of two kinds. All stones above the base in the east half were set in a 1:3 lime mortar, using a high calcium hydrate. The other parts, including the stonework on the back of the wall, were set in a 1:0.4:3 portland cement, whiting, and sand mortar. All stones set in lime mortar were wedged at front and back to prevent settling and the wedges were left in place for about a week before removal. The consistency of the mortars was judged by the mason and both mortars had excellent workability. The vertical joints were poured full, and for these a creamy consistency was used. All joints in the south face of the wall were raked out to a depth of 1 inch before the mortar had set. After all stones in this part of the wall had been set, the joints were pointed with mortar of the same mixtures as those used in the setting, i.e., lime mortar for the right half and cement mortar for the rest. A pointing tool of rounded contour was used to obtain slightly concave joints.

The back of the wall has two set-backs, the tops of which are covered with thin stones forming water tables; the first, or lower table, with two varieties of sandstone flagging, and the second with 37 small marble slabs. Up to the first water table, the back of the wall is concrete except for 23 blocks of granite, which were set in the concrete when it was being poured. Between the first and second water tables, the wall is faced with sandstone and granite. Some of the stone facing on the back is of thin slabs for testing discoloration effects.

The ends of the wall are faced with sandstone, limestone, and granite of miscellaneous sizes and shapes. Under the vertical joints between the marble slabs forming the second water table, thin pieces of slate were set to prevent leakage and discoloration of the stone below.

Wherever metal strips were used to anchor the stone facing to the backing, they were set into the back parts of the stone joints with cement mortar like that used in the left half of the wall. It was necessary to build up the backs of a few thin slabs of stone facing with brick in order to support the thicker blocks above. The locations of these brick back-ups are shown in figure 2.

The wall was built by the Louis Perna Co. of Washington, D. C., with one mason, Vincent Di Benedetto, setting all the stonework. He was an exceptionally careful workman and took a special interest in doing a thorough job. William Amoroso, who had charge of the work, devised several experiments of his own on the back of the wall. The contractor supplied most of the stone for this face.

3. Orientation and Exposure Conditions

The wall faces south, and most of the stonework is exposed to sunlight except for a short time early in the morning and for a somewhat longer period in the afternoon, when it is shaded by trees.

The elevation of the test plot is about 400 ft. and the wall is near the top of a hill. Temperatures vary from -15° to 106° F, and the average annual temperature is about 56° F. Several days of snow and sleet may occur during 5 months of the year, the annual precipitation averaging about 40 in. Humidity is high during the summer months. The exposure plot is about 120 miles from the ocean, hence, salt air is not an appreciable weathering agent. There are few industrial plants within 40 miles, the immediate vicinity being mainly residential. Fuels used for domestic heating are mainly natural gas, oil, and coal. It is believed that the atmospheric pollution from these fuels constitutes an important weathering agent.

4. Arrangement of Stones in Wall

Most of the stones from the National Museum varied in size from 4- to 12-in. cubes. Figure 2

shows the general arrangement of different sizes, the larger blocks being placed in the lower courses and the smaller ones above. In order to add to the stability and appearance, a sufficient number of larger blocks were collected from present-day producers to construct a granite base with marble quoins on the left, sandstone quoins on the right, and a coping of limestone. As one feature of the test was to determine the performance of stone when set in two types of mortar, the wall was divided into two equal parts with a divider strip of greenstone. For these border blocks, stones from different districts were used insofar as this was feasible. Each block of granite in the base represents a different district, quarry, or distinct grade. The marble quoins represent 5 districts and 11 grades; the sandstone quoins, 7 districts and 9 grades; and the coping blocks 5 districts and 17 grades.

Above course 4, the stones were segregated as to type in order to study the effects of certain combinations. In the two upper end portions, the dolomites and magnesian limestones were used. Below these, calcitic stones were set. In a large area of the top central part, other calcitic stones were placed, and below them siliceous varieties were set in a large area. The stones were set in these combinations in order to study the effects of different mineral compositions on each other, particularly the effect on calcites set under magnesian stones and siliceous materials under calcites.

As a considerable number of colors occur in each type of stone, it was not possible to secure any logical color arrangement.

5. Problems under Study

A considerable number of problems involving weathering of various types and varieties of stone, as well as certain structural features of the wall, are being studied. Although all blocks in the wall are subjected to essentially the same external weathering, there are variations in the conditions resulting from: (1) the positions with respect to waterproofing materials, (2) the distance from the ground, (3) the distance from top or ends, (4) the setting of stones in different mortars. There are enough similar stones in various positions to throw some light on all of these problems.

In stone structures, two aspects of weathering are important: (1) color changes, (2) disintegration.

Colors may change because of fading or by becoming concealed by a weathered film on the surface. Discolorations that are caused by a deposit of grime on the surface or stains penetrating from external sources are not usually considered as weathering phenomena.

Among the more severe weathering agents that ultimately bring about deterioration are frost

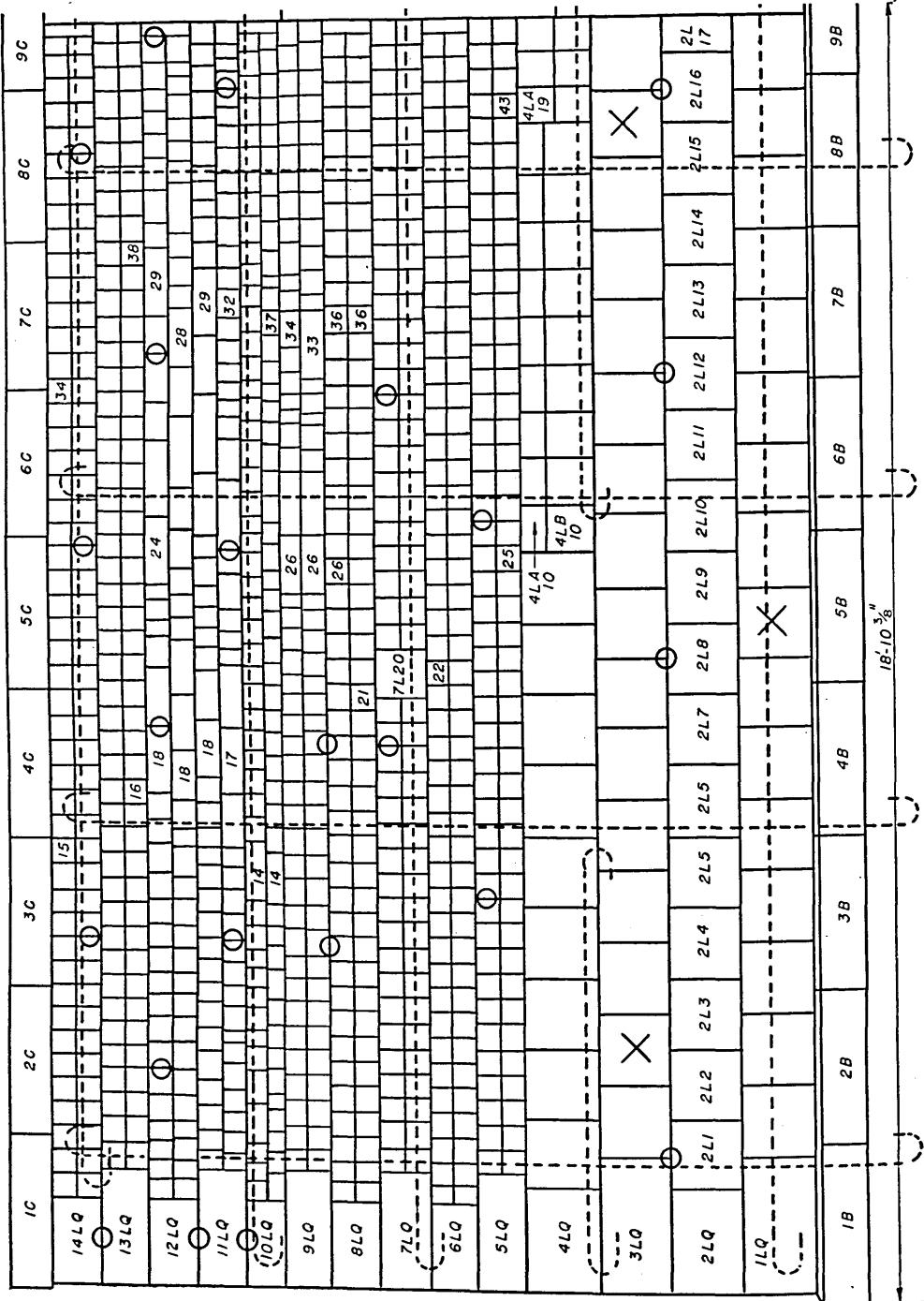


FIGURE 2.

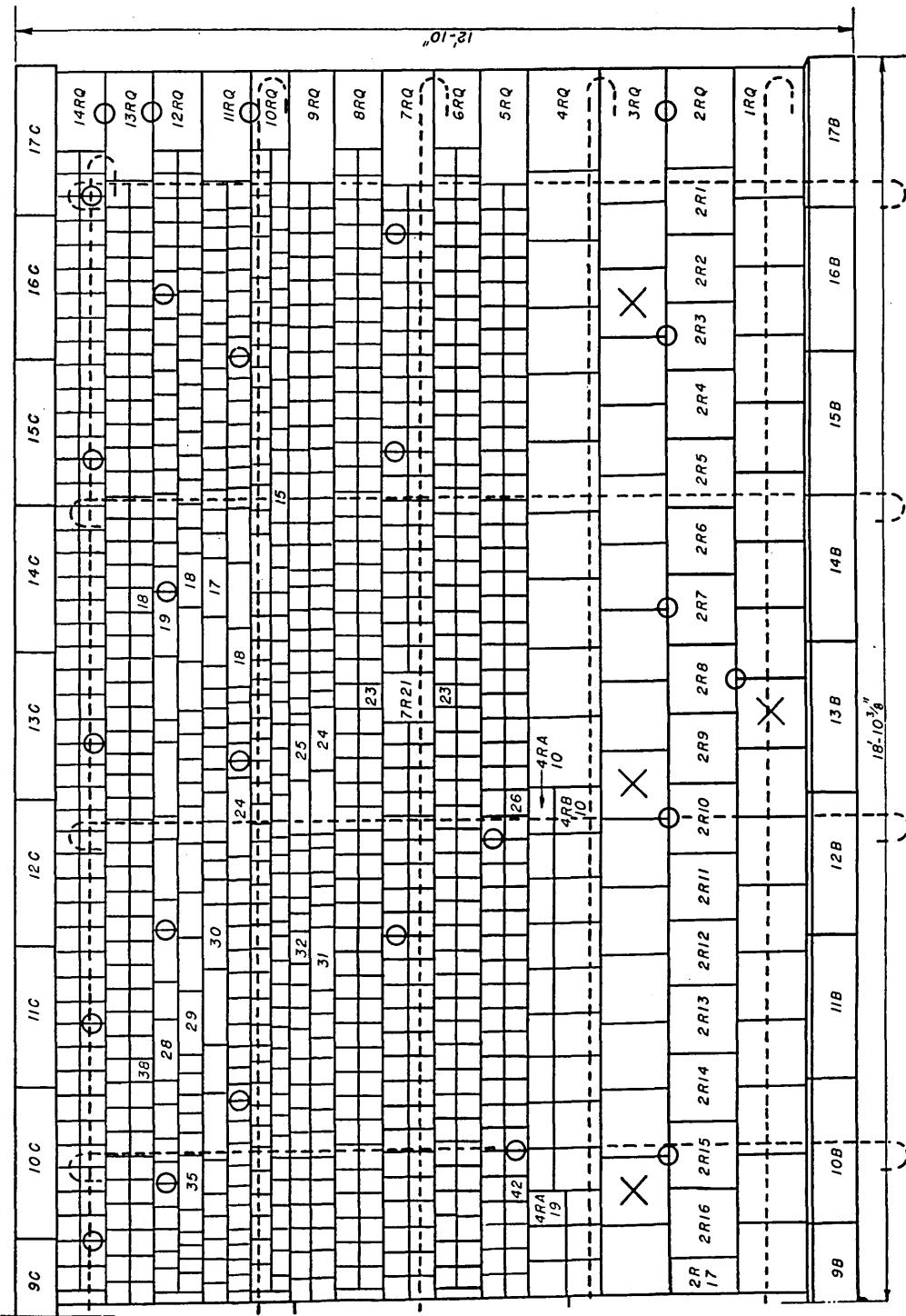


FIGURE 2.—Continued. Structural details of stone exposure test wall.

action, temperature changes, crystallization of salts in the pores, atmospheric acids and chemical alterations of the mineral constituents. Chemical changes that result in oxidation, hydration, or sulfation may cause expansion of certain mineral constituents and produce stresses within the stone. Temperature effects are believed to be important for certain crystalline stones that are composed of two or more minerals having different rates of expansion and also for those stones in which the minerals expand at different rates along different crystallographic directions. Differential expansions between surface layers and the stone at some depth beneath the surface due to moisture or temperature gradients are sometimes thought to accelerate deterioration.

Some of the specific questions that may be answered are as follows:

1. Does the presence of large pores in certain poorly cemented stones, like the shell stones, contribute to frost resistance?

2. Will the rather poorly cemented siliceous stones, like the tuffs, resist the weather conditions of a moderately severe and humid climate?

3. Do dense limestones suffer from the same kinds of weathering as more porous ones?

4. If frost action is the chief weathering agent for sandstone, does the amount of porosity determine the order of durability of such stones?

5. To what extent do the capillary properties of different stones determine the migration of salts in masonry?

6. To what extent does the presence of water-soluble salts in masonry affect different kinds of stone?

7. Does the composition or concentration of salts in masonry influence the rate of weathering?

8. If heating and cooling is the main cause of destruction in marble, do differences in the way individual crystals are joined together determine differences in durability?

9. If the acid condition of the air is the chief cause of weathering for granite, do slight differences in mineral constituents determine the order of durability for different granites?

10. What mineral constituents contribute to weathering by chemical alterations?

11. Do combinations such as calcites and dolomites in masonry result in more rapid weathering than when the masonry is all of one type?

12. What combinations of mineral constituents in stone are unstable because they undergo chemical alterations?

13. What is the nature and source of discolorations?

14. Do iron particles imbedded in the back face of thin granite veneer (deposited from the gang saws) result in discolorations of the exposed face in masonry?

15. To what extent does the nature of the setting mortar affect weathering and discoloration?

16. Does a grade waterproofing under granite near the ground prevent discoloration or weathering of the stone?

17. Does a water barrier between the stone facing and concrete backing reduce discolorations on the stone?

18. How effective is a thin piece of slate under vertical joints in preventing leakage and discolorations on the masonry below?

19. Does thermal expansion of blocks result in permanent or residual changes in dimensions of masonry?

20. Is stone at the corners of buildings subject to more severe weathering than in the center of a wall?

6. Methods of Study

6.1. Weathering Effects

Until weathering effects approach destruction, the studies will be confined to surface examinations. After deterioration reaches an advanced stage, the plan is to remove the affected blocks from the wall for various physical, chemical, and microscopic studies to determine the cause and extent of weathering. There is evidence that stones differing considerably in composition or physical makeup may suffer deterioration from quite different kinds of weather action. The most important phase of the study is to identify the principal causes of deterioration for different groups with respect to mineral composition, physical structure, porosity, capillary properties, etc.

6.2. Color Changes

Discolorations on masonry include the following variations: (1) accumulation of grime on the surface, (2) stains penetrating from exterior sources, (3) stains originating in the masonry itself, and (4) changes in color due to weathering processes.

It is expected that some useful information on these phases of the subject can be obtained by observations and comparisons. It may also be desirable to determine, by experiment, whether or not various kinds of discoloration can be easily removed.

A large portion of the stonework set in each kind of mortar was entirely free from stain although occasional blocks stained badly in a short period of time and streaked downward on the mortar and stones below. Such performance seems to indicate that the staining matter exuded from the stone. Where a sufficient amount of the original sample is available, experiments may determine what conditions will reproduce the stain. If the stain can be reproduced by leaching the sample with weak alkaline solutions, it will be evident that the staining matter is in the stone itself.

6.3. Dimensional Changes

There is evidence that thermal expansion may cause permanent increases in the over-all dimensions of masonry. In order to study the changes in dimensions of various parts of the wall due to weathering, reference plugs were set into the base, the coping, and courses 2, 4, and 9. The plugs are made of brass round, $\frac{1}{2}$ in. in diameter and 2 in. long, and are threaded the entire length. They are set with cement mortar into 1-in. holes drilled in the stone with a diamond-core drill. A $\frac{1}{8}$ -in. hole in each plug serves as a reference mark. The ends of the plugs are flush with the exposed face of the stonework, but the mortar holding them in place is recessed about $\frac{1}{4}$ in. Brass caps are used to protect the ends of the reference plugs. The length of the base course is carefully measured with a precision steel tape, and that of higher courses is obtained with a transit. The transit is set in front of each vertical line of plugs, leveled, and the vertical cross wire set on the left edge of the hole in the base plug. The telescope is then raised to each reference mark above, and the distances from the cross wire to the reference mark read on a millimeter scale. The lengths of the upper courses can then be computed. Comparisons of subsequent measurements with the original will show whether changes have occurred.

6.4. Warpage

If differential expansions between the facing and backing materials occur, the wall will probably warp. To determine whether warpage is taking place and to what extent, periodic measurements are being made. For this, a transit and two especially constructed pins, inserted into the holes of the reference plugs at the ends of course 2, are used. The smaller portion of each pin fits snugly into the hole of the reference plug and the larger, or projecting portion, is notched at a distance of $\frac{1}{2}$ in. from the shoulder that forms the junction between the two parts of the pin. The transit is set up in line with the notches about 15 ft. from one end of the wall. The vertical wire of the telescope determines a plane parallel to the face of the wall. A millimeter scale with the zero end held on the center of various blocks in courses 2, 4, and 7 is read through the transit and the distances recorded. Comparison of subsequent readings with the original indicates the amount of warpage.

7. Maintenance of Records

A sealed box, made of stainless steel, is set into a vault in the back of the wall for safe storage of records. In addition to the original records set forth in this paper, certain other information of possible use will be filed therein. Photographs of the wall, showing the original appearance by close-up views and color reproductions, as well as copies

of subsequent observations, measurements, and test data, will be stored in this box. Small samples of many stones in the face of the wall will be stored for future comparison with the weathered stones.

8. Catalog of Stones in Wall

8.1. Explanation of tables 1 and 2

The listing of domestic samples in table 1 is intended to facilitate the location of specific materials in the wall when the source and type are known. The arrangement follows the alphabetical order: first, of States supplying the samples; second, of types under each State; and third, of specific source names that are shown in column 1. The left (west) half of the south face is indicated in the wall numbers by the L and the right half (east) by R. The listing of foreign stones in table 2 follows the same arrangement. The foreign stones were more limited in number than the domestic, and no attempt was made to subdivide the countries into political subdivisions, although provinces are stated when known.

To identify a particular stone in the wall when the type and source are known, for instance, "Golden Vein Yule" marble from Marble, Colo., table 1 should be consulted by first locating the state, then the type (in this case marble) and finally under this type group, the name of the town that supplied the sample. Opposite the name of the town, six wall numbers appear, the last two being 1L13 and 1R13. The first number signifies the course, counting from the base upward, L13 indicates the 13th block from the left, and R13 the 13th block from the right. In counting from either left or right, the quoin (end stone) should be disregarded. The number of courses is determined by the quoins, there being 14 courses in addition to the base course and coping (top course). Above course 4, there are two rows of small stones to the course, the upper one being designated A and the lower one B. Thus, 5LA7 means the 7th block from the left quoin of course 5 upper row, and 6RB9, the 9th stone from the right quoin in course 6, lower row. Base blocks are designated 1B to 17B, numbered from left to right. The coping blocks are likewise designated 1C to 17C in the same order. Quoins on the left are designated 1QL to 14QL, and those on the right, 1QR to 14QR, numbered from bottom to top. The divider strips are called 1D, 2D, and 3D, from bottom to top.

An asterisk after the description of a stone indicates that it has been used for building or other purposes. Important trade names are stated and enclosed in quotation marks.

8.2. Explanation of table 3

To identify a particular stone in the wall when the type and source are not known, it will be necessary to determine the wall number by actual

count. When this number is found (e.g., 7RB35), table 3 should be consulted. This number can be found easily, because the courses and wall numbers are listed in sequence. Opposite the wall number the designation "conglomerate from Massachusetts" appears. More complete information may be found in table 1 under Massachusetts conglomerates, where the sample is described as "Pudding Stone" from Dorchester.

In determining the wall numbers, it will often be helpful to consult fig. 2. In this figure, several of the more prominent blocks show the count numbers, which may be used to avoid counting from the end blocks. It should be remembered that these numbers are obtained by starting with the block next to the quoin and counting toward the middle.

In table 3, the base, coping, quoin, and divider stones are listed after those in courses 1 to 14.

8.3. Stones in Back and Ends of Wall

Stones in the back face and ends of the wall are of random sizes and were not set in continuous courses like those in the south face. The identi-

fication numbers of the blocks are shown in figure 3, and descriptions are given in table 4. In order to simplify the process of finding specific materials in the wall, the locations are divided into 5 sections: section S-1 includes all blocks in and below the first or lower water table except those numbered in the end sections; section S-2 includes all stones in and below the second water table down to section S-1; S-3 includes all above the second water table but not the coping stones. The end stones include those showing on the ends and not numbered on the south face. Those blocks that can be seen on the ends and also on the back are numbered only as end stones. Blocks on the east end are given consecutive numbers starting from the base and followed by the letters EE, and those on the west end are numbered in the same way, followed by the letters WE.

Some of the stones on the back of the wall were given certain treatments on the back surfaces before setting. Such stones are designated by numbers in parenthesis following the wall numbers. Notes in the legends of figure 3 describe the treatments.

TABLE 1. *Source, classification, and description of domestic stones in south face of wall*

[For identification of samples in wall see section 8, 1. Geological terms are capitalized, trade names are enclosed in quotation marks, and a star (*) at end of line signifies that the stone has been used commercially.]

		ABBREVIATIONS		
		Column 1	Column 3	
Co.	County.	argil.	argillaceous.	
Cr.	Creek.	bitum.	bituminous.	
E.	East.	calc.	calcite.	
Ft.	Fort.	calk.	calcareous.	
Isl.	Island.	Carb.	Carboniferous.	
Mt.	Mountain.	Cret.	Cretaceous.	
N.	North.	cryst.	crystalline.	
Nr.	Near.	dendr.	dendritic.	
S.	South.	ferrug.	ferruginous.	
Spgs.	Springs.	fossil.	fossiliferous.	
St.	Saint.	gr.	grain.	
Sta.	Station.	L.	Lower.	
Twp.	Township.	Lt.	light.	
W.	West.	med.	medium.	
		mg.	magnesian.	
		Sil.	Silurian.	
		Trias.	Triassic.	
		U.	Upper.	

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Alabama Limestone								
See also S-3, 4 and 5EE in table 4								
Calera	12LB39	Bluish-gray, fine gr, compact, L. Sil.	DeKalb Co.	9RB34	Yellow, coarse-gr, porous, ferrug.*			
Dickson	7RA8	Lt-gray, med-gr, compact, fossil.	Greensport	9LB36	Gray, fine-gr, compact.*			
Florence	7LA7	Lt-gray, coarse-gr, compact, cryst.	Alaska Marble					
Leighton	13RB46	Lt-gray, porous, fossil.	See samples S-2, 145 and S-2, 151 of table 4					
Rockwood	2C	Lt-gray, fine-gr, porous, oolitic.*	Arizona Marble					
Do	16C	Lt-buff, fine-gr, porous, oolitic.*	Bowie	14RB24	White, dark-veined, coarsely cryst.			
Do	13RA47	Lt-gray, fine-gr, porous, colitic.*	Do	14LB23	Do.			
Do	13LA47	Cut from same block as 13RA47.	Nr. Phoenix	10LA22	Lt drab and yellow mottled onyx.			
Trinity	12LA37	Lt-gray, coarse-gr, compact, semicrust.	Do	10RA21	Cut from same block as 10LA22.			
Turks Cave	12RB40	Lt-gray, coarse-gr, porous, tertiary.	Arizona Sandstone					
Tuscumbia	7RA9	Lt-gray, med-gr, compact, fossil-bearing.*	Flagstaff	8LA38	Red, fine-gr, compact.*			
Alabama Marble			Prescott	9LA33	Red, coarse-gr, compact.*			
(See also S-2, 152 and S-2, 167 of table 4)			Do	9RA35	Do.			
Gantt's Quarry	2LQ	White, fine-gr calc, "Cream A"*, "Pentelic A"*,	Yavapai Co.	9RB33	Lt-red, fine-gr, compact.*			
Do	4LQ	White, fine-gr calc, "Pentelic A"*,	Do	8LB38	Pinkish, fine-gr, porous.*			
Do	4LA10	White, dark parallel veins, fine-gr calc.*	Arizona Volcanic Tuff					
Do	4RA10	Cut from same block as 4LA10.	Kirkland	8RA38	Gray, fine-gr, volcanic tuff.*			
Do	12LB38	White, dark parallel veins, fine-gr, calc.*	Do	7LA36	Do.			
Do	12L40	Cut from same block as 12LB38.						
Do	12RA37	Do.						
Do	12RB39	Do.						
Do	12R41	Do.						
Do	13LB46	Do.						

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Arkansas Limestone See also S-3, 7, 10, 26EE, and 32WE of table 4								
Batesville.....	11RB22	Grayish-white, fine-gr, compact.	Canon City	10LB5	Buff and pink, fine-gr, calc., travertine.*			
Arkansas Marble								
Nr. Batesville	7RA10	Nearly black, fine-gr, calc.	Do.....	10RB5	Cut from same block as 10LB5.			
Batesville.....	10LQ	Mottled gray and white, fine-gr, calc.*	Marble.....	9RA4	Bluish-gray, fine-gr, calc.			
Sugar Orchard Cr., Boone Co. .	7LA8	Dull-brown, white-spotted, crinoidal.*	Do.....	9LA3	White, fine-gr, calc.			
Arkansas Quartzite			Do.....	14LA23	White, golden-veined, med-gr, calc.			
Bald Knob	11LB27	Buff, fine-gr, compact.*	Do.....	14LA24	White, dark-veined, med-gr, calc.			
California Basalt			Do.....	11I3	White, yellow-veined, med-gr, calc*, "Golden Vein Yule".			
Bridgeport.....	5LB29	Gray, fine-gr, compact.*	Do.....	1R13	Do.			
Petaluma.....	5RA29	Dark-gray, fine-gr, compact.*	Colorado Quartzite					
California Granite			Pitkin.....	5LB31	White, very fine and compact.*			
Penryn.....	5RA30	Dark-olive, black-spotted, med-gr, hornblende.*	Colorado Sandstone					
Rocklin.....	5LA29	Gray, fine-gr, biotite.*	Fremont Co.	10LB38	Buff, fine-gr, porous.*			
California Marble See also S-2, 142 to 144 of table 4			Buckhorn.....	8LA33	Pale-pink, fine-gr, compact.*			
Colfax.....	12LA2	Dark-gray, fine-gr, mg.*	Do.....	6LB33	Do.			
California Sandstone			Canon City	8LB33	Lt-olive, fine-gr, porous.*			
Alameda.....	6RB30	Lt-brown, coarse-gr, porous.	Coal Creek.....	7RA31	Lt-gray, fine-gr, porous.*			
Angel Island.....	7RA29	Gray, fine-gr, porous.*	Fort Collins.....	7LB31	Buff, gray-banded, fine-gr, compact, calk.*			
Haywards.....	6RA31	Brown, med-gr, porous.*	Do.....	10RB32	Lt-gray, fine-gr, porous, calk.*			
Livermore.....	7LB29	Gray, fine-gr, porous.*	Do.....	7LA31	Lt-gray, rust-spotted, fine-gr, porous, Cret.*			
Do.....	7LA29	Gray, fine-gr, compact.	Do.....	8RB33	Brick-red, fine-gr, porous.*			
San Jose.....	6LA31	Buff, coarse-gr, compact.*	Greeley.....	6RA34	Lt-red, laminated, fine-gr, compact.			
Do.....	6LB31	Pink, med-gr, compact.*	Jefferson Co.	7RB31	Lt-red, fine-gr, compact.*			
Sites.....	7RB28	Greenish-gray, fine-gr, porous.	Longmont.....	8RA33	Pink, fine-gr, porous.*			
California Tuff			Trinidad.....	6LA33	Lt-gray, fine-gr, compact, calk.*			
Cordelia.....	5LB28	Gray, coarse andesite.*	Colorado Tuff					
Lordsburg.....	5RB30	Dull-red, fine-gr, compact, basalt.*	Castle Rock.....	6RB33	Lt-gray, fine-gr, rhyolite.*			
Colorado Diorite			Connecticut Conglomerate					
Monarch.....	5RB32	Greenish-gray, fine-gr.*	Portland.....	5RA34	Brownish-purple, porous, Trias.*			
Colorado Granite See also S-2, 53, and S-2, 100 of table 4			Connecticut Diabase					
Georgetown.....	6RB32	Gray, med-gr, porphyritic, biotite.	New Haven.....	5RB35	Dark-gray, fine-gr, Mesozoic.*			
Lawson.....	5RA32	Gray, pink-spotted, med-gr, porphyritic biotite.*	Connecticut Gneiss					
Do.....	5LB32	Lt-gray, fine-gr, muscovite.*	Ansonia.....	6RB35	Gray, fine-gr, compact, muscovite-biotite.*			
Platte Canon.....	5LA32	Lt-red, coarse-gr, biotite.*	Bolton.....	5RA36	Gray, coarse, biotite.*			
Salida.....	5LA31	Dark-gray, fine-gr biotite.	Branford.....	9RA31	Gray, fine-gr, biotite.*			
Colorado Limestone			E. Killingly	10LB35	Lt-pink, coarse-gr, hornblende-biotite.*			
Morrison.....	9RA3	Lt-red, fine-gr, porous, laminated.*	Gastonbury.....	6RA36	Gray, fine-gr, biotite.*			
Do.....	13RB27	Dull-pink, coarse-gr, compact, semicrust.*	Greenwich.....	6LA36	Dark-gray, fine-gr, hornblende-biotite.*			
Pitkin.....	13RB26	Black, fine-gr, compact.*	Haddam.....	7LB33	Do.			
Do.....	9LA4	Dark, white-mottled, fine-gr, compact.	Lyne.....	5LB35	Gray, coarse-gr, biotite.*			
			Middletown.....	5LA34	Dark-gray, fine-gr, hornblende-biotite.*			
			Milford.....	1I1	Dark-gray, med-gr, hornblende-biotite.*			
			N. Bridgeport.....	5LA35	Dark-gray, fine-gr, hornblende-biotite.*			
			Roxbury.....	10LB34	Lt-gray, fine-gr, biotite-muscovite.*			
			Sterling.....	7LB34	Gray, coarse-gr, biotite-muscovite.*			

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Connecticut Granite								
Branchville.....	6LB37	Gray, coarse-gr, biotite.*	St. Augustine.....	4LA19	Lt-buff, coarse, highly porous, calc shell-stone.			
E. Canaan.....	6LB36	Gray, fine-gr, porphyritic biotite.	Do.....	4RA19	Cut from same block as 4LA19.			
Groton.....	6LA37	Gray, fine-gr, biotite.*	Do.....	12LA28	Do.			
Leete Isl.....	1R1	Pink and black-mottled, med-gr, biotite.	Do.....	12RA27	Do.			
Do.....	1L2	Pink and gray, fine-gr, biotite.	Do.....	12LA29	Do.			
Do.....	1R2	Pink, dark-mottled, coarse-gr, biotite.	Do.....	12RA28	Do.			
Do.....	4LB20	Pink, coarse-gr, biotite.						
Millstone Point.....	1L2	Pink and black, fine-gr, muscovite-biotite.	Florida Coquina					
Do.....	6RA35	Gray, fine-gr, biotite.*	St. Augustine.....	4LA19	Lt-buff, coarse, highly porous, calc shell-stone.			
Mystic Bridge.....	1R3	Brownish-gray, fine-gr, biotite.	Do.....	4RA19	Cut from same block as 4LA19.			
Norwalk.....	1L4	Pink and gray, fine-gr, muscovite-biotite.	Do.....	12LA28	Do.			
Reynold's Bridge.....	1R4	Lt-gray, fine-gr, muscovite-biotite.	Do.....	12RA27	Do.			
Roxbury.....	1L5	Lt-brownish-gray, fine-gr, biotite-muscovite.	Do.....	12LA29	Do.			
Stony Creek.....	10RB33	Red, coarse-gr, biotite.*	Do.....	12RA28	Do.			
Do.....	14B	Pink and buff, coarse, biotite gneiss, "Mt. Coral".*						
Thomaston.....	1R5	Lt-gray, fine-gr, muscovite-biotite.	Florida Sandstone					
Do.....	6RP36	Gray, fine-gr, biotite-muscovite.*	Suwannee River ..	9LA44	Nearly white, porous, coarsely vesicular, phosphatic.			
Waterford.....	7RB33	Gray, fine-gr, biotite.*	Georgia Gneiss					
W. Norfolk.....	5RA35	Do.	Atlanta.....	5RA31	Dark-gray, fine-gr, hornblende-biotite.*			
Do.....	5RB36	Do.	Georgia Granite					
Do.....	7RB34	Gray, fine-gr, biotite-muscovite.*	See also S 2, 83 of table 4					
Connecticut Limestone								
Sheltonville.....	7LA9	Drab, med-gr, compact.	Elberton.....	13B	Blue-gray, med-gr, biotite, "Elberton Blue Diamond".*			
Do.....	7RA11	Dark-gray, fine-gr, compact.	Ogelsby.....	5LB30	Lt-gray, fine-gr, biotite.			
Connecticut Marble								
E. Canaan.....	13RA9	Bluish-white, coarse-gr, dolomite.*	Georgia Marble					
Do.....	14LA11	White, dark-clouded, coarse-gr, dolomite.*	See also S 2, 146 to 150 and 168 of table 4					
Do.....	2L13	White, brown-spotted, coarse-gr, dolomite.	Catoosa Co.....	11LA10	Purplish-gray, fine-gr, dolomite.*			
Do.....	2R13	Cut from same block as 2L13.	Tate.....	7RA12	Pink, coarsely-cryst, L. Sil, calc.			
Do.....	13LA9	Water-blue, granular dolomite.*	Do.....	7LA11	Do.			
Do.....	14RA11	Do.	Do.....	13LB37	White dark-clouded, coarse-gr, L. Sil, calc.			
Falls Village.....	11RB11	White, granular-cryst dolomite.*	Do.....	13RB34	Do.			
Connecticut Sandstone			Do.....	4LB10	Pink, black-veined, coarse-gr, L. Sil, calc.			
Cromwell.....	7LA33	Purplish-brown, med-gr, porous, muscovite, Trias.*	Do.....	4RA11	White, dark clouds, coarse-gr, calc.*			
E. Haven.....	8LA35	Brown, coarse-gr, porous, Trias.*	Do.....	4LA11	Cut from the same block as 4RA11.			
Fair Haven.....	10RQ	Brown, coarse, porous, arkose, "Fair Haven Granite".*	Do.....	6LQ	Bluish-gray, coarse-gr, calc, "Cherokee".*			
Do.....	14RQ	Do.	Do.....	8LQ	Do.			
Manchester.....	8LB35	Red, fine-gr, porous, Trias.*	Do.....	12LQ	Do.			
Portland.....	8RB35	Purplish-brown, med-gr, porous, muscovite, Trias.*	Do.....	14LQ	Do.			
Do.....	8RA35	Purplish-brown, fine-gr, compact, Trias.*	Holly Spgs.....	5RB31	Green, fine-gr, serpentine.*			
Do.....	7RA33	Do.	Idaho Sandstone					
Do.....	4L6	Brown, medium-gr, compact, Trias.*	See also S 2, 8, S 2, 132, and 23EE of table 4					
Do.....	4R6	Cut from same block as 4L6.	Boise					
Delaware Gneiss			Boise.....	9RA43	Buff-colored, coarse-gr, porous.*			
Wilmington.....	5RB46	Dark-gray, fine-gr, augite-hornblende.*	Illinois Dolomite					
Do.....	4RB16	Greenish-gray, fine-gr, augite-hornblende.	Aurora.....	14LA2	Lt-gray, fine-gr, compact, U. Sil.*			
Brandywine.....	4LB16	Dark-gray, medium-gr.	Chicago.....	14LB4	Dark-drab, fine-gr, cellular, compact, U. Sil.*			
Delaware Marble			Do.....	12RA3	Lt-gray, fine-gr, compact, U. Sil.			
Hockessin.....	11RA9	White, coarse-gr, dolomite.*	Do.....	14RB3	Gray, black-spotted, coarse-gr, compact, bitum.*			
Florida Limestone			Joliet.....	14RA2	Lt-gray, fine-gr, compact, U. Sil.*			
See also S 2, 129, and 27EE of table 4			Do.....	14LA3	Do.			
Key West.....	7LA10	Nearly white, porous, friable, oolitic.	Do.....	11RB1	Do.			
			Do.....	12LA3	Do.			
			Do.....	13RB2	Do.			
			Kankakee.....	14RB4	Lt-gray, fine-gr, porous, U. Sil.*			
			Lemont.....	13RA2	Do.			
			Do.....	11RA3	Lt-gray, fine-gr, compact, U. Sil.*			
			Do.....	12LB3	Do.			
			Do.....	13LB2	Lt-drab, fine-gr, compact, U. Sil.*			
			Do.....	13LA2	Lt-gray, fine-gr, compact, U. Sil.*			
			Sag's Bridge.....	14RA4	Nearly white, fine-gr, compact, U. Sil.*			
			Saline.....	14RA3	Dark-gray, fine-gr, compact, fossil, L. Carb.*			

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Illinois Limestone								
Belknap.....	12RB34	Greenish-gray, fine-gr, compact.*	Oakdale.....	14RB12	Lt-gray, fine-gr, compact, Niagara.*			
Do.....	8LA11	Gray, medium-gr, compact.*	Owens Co.....	6C	Gray, med-gr, porous, oolitic, "Select Gray".*			
Breese.....	12RB4	Dark-gray, fine-gr, compact, fossil, L. Carb.*	Do.....	12C	Buff, med-gr, cellular oolitic, "Rustic Buff".*			
Chester.....	13RB40	Gray, dark-streaks, med-gr, compact, fossil, L. Carb.*	Do.....	13C	Buff, coarse, cellular, oolitic, "Old Gothic".*			
Do.....	8RA10	Lt-gray med-gr, finely fossil, compact, L. Carb.*	Putnamville.....	8RA15	Gray, fine-gr, compact, L. Carb., siliceous.*			
Columbia.....	13RB39	Lt-gray, fine-gr, porous, fossil-bearing, L. Carb.*	Salem.....	12LB36	Dark, fine-gr, compact, L. Carb.			
Iuka.....	13LB42	Gray, fine-gr, compact.*	Do.....	12RA32	Lt-gray, med-gr, porous, L. Carb., oolitic.*			
Joliet.....	12LA31	Lt-gray, fine-gr, compact, L. Sil.*	Do.....	4RB12	Lt-gray, med-gr, porous, L. Carb., oolitic.*			
Do.....	12RA30	Cut from the same block as 12LA31.	Spencer.....	4LB12	Do.			
Jonesborough.....	8RA12	Lt-gray, med-gr, compact, oolitic.*	Do.....	12RA33	Lt-gray, fine-gr, compact, L. Carb.*			
Do.....	12LA32	Do.	Do.....	12LA35	Lt-gray, med-gr, porous, L. Carb., bitum.*			
Kinderhook.....	8LA12	Lt-gray, med-gr, compact, semicrust, Carb.*	Stinesville.....	10RB14	Lt-gray, med-gr, porous, fossil-bearing, bitum.*			
Quincy.....	13LA42	Yellow, fine-gr, compact, L. Carb.	Indiana Sandstone					
Do.....	12RA4	Lt-gray, coarse-gr, compact, mg, fossil.	Attica.....	9RB40	Lt-gray, fine-gr, porous.*			
Rockport.....	8RA11	Lt-gray, med-gr, compact, fossilbearing.*	Cannelton.....	9LA38	Lt-brown, fine-gr, porous.*			
Sagetown.....	13RB38	Lt-gray, fine-gr, compact.	French Lick Twp.....	9LB40	Nearly white, fine-gr, porous, laminated, L. Carb.*			
Illinois Sandstone			Do.....	9LA39	Lt-gray, fine-gr, porous, L. Carb.*			
Carbondale.....	9LA43	Lt purplish-brown, fine-gr, porous.*	Paoli.....	9RB39	Lt-gray, fine-gr, porous, L. Carb.			
Do.....	9RA41	Lt-brown, fine-gr, porous.*	Williamsport.....	9LB41	Cream-colored, med-gr, porous, Carb.*			
Chester.....	9LA42	Yellowish-brown, fine-gr, porous, L. Carb.*	Iowa Coral					
Do.....	9LA41	Lt-gray, fine-gr, porous, L. Carb.*	Iowa City.....	13LA20	Lt-gray, fine-gr, compact, fossil.			
Pinckneyville.....	9LA40	Lt-brown, fine-gr, porous, L. Carb.*	Iowa Dolomite					
Xenia.....	9RA42	Lt-gray, fine-gr, porous, Coal Measures.*	Ames Station Story Co.....	13RA15	Buff, fine-gr, compact, pyrite bearing, L. Carb.*			
Indiana Dolomite			Do.....	14RA14	Lt-buff, fine-gr, porous, L. Carb.*			
Anderson.....	14RA1	Drab, fine-gr, compact, Niagara.*	Anamosa.....	11LA16	Lt-buff, fine-gr, porous, cellular, bitum.*			
Bluffton.....	14RB1	Gray, fine-gr, compact, Devonian.*	Buffalo.....	13LB15	Drab, white-speckled, fine-gr, compact, Devonian.*			
Decatur.....	12RB1	Drab, fine-gr, compact, U. Sil.*	Cedar Falls.....	12LB16	Gray, fine-gr, compact, Devonian.*			
Eaton.....	12LB1	Dark, mottled, coarse-gr, compact, Niagara.*	Clemont.....	14LB16	Buff, fine-gr, porous, U. Sil.*			
Greensburg.....	12LA1	Lt-gray, fine-gr, compact, U. Sil.	Clinton.....	11LA15	Yellow, coarse-gr, porous, ferrug, U. Sil.*			
Logansport.....	14LA1	Lt-drab, fine-gr, compact, Niagara.*	Dakota Sta.....	12LB17	Lt-buff, fine-gr, compact, L. Carb.*			
Longwood.....	11LB1	Yellowish, mottled, fine-gr, compact, cellular.*	Delphi.....	13LB14	Lt-gray, mottled, fine-gr, compact, Niagara.*			
Montpelier.....	14LB1	Lt-gray, fine-gr, compact, Niagara.*	Do.....	14RA18	Buff, fine-gr, compact, dendr, Niagara.*			
St. Paul.....	11LA1	Lt-gray, fine-gr, compact, Niagara.*	Dixon.....	14RB18	Yellow, coarse-gr, porous, ferrug, Niagara.*			
Wabash.....	11RA1	Lt-yellowish, fine-gr, compact, Niagara.*	Dixon Sta.....	13RA14	Buff, fine-gr, porous, bitum, Niagara.*			
Indiana Limestone			Dubuque.....	14RB15	Lt-buff, fine-gr, compact, cellular, L. Sil.*			
See also S-1, S-2, S-3, EE and WE of table 4			Farley.....	12RA16	Lt-gray, fine-gr, porous, Niagara.*			
Avoca.....	8RA14	Lt-gray, fine-gr, compact, oolitic.*	Do.....	13RB16	Lt-gray, fine-gr, porous, Niagara.*			
Bedford.....	12LB35	Lt-gray, fine-gr, porous, oolitic.*	Franklin.....	14RB16	Lt-gray, fine-gr, porous, Niagara.*			
Do.....	12RB36	Lt-gray, med-gr, compact, oolitic.*	Do.....	14RA16	Lt-gray, fine-gr, compact, L. Carb.*			
Do.....	8RA13	Lt-gray, med-gr, compact, oolitic, L. Carb.*	Garrison.....	12RA17	Do.			
Do.....	12RA1	Lt-gray, fine-gr, porous, mg, oolitic, L. Carb.*	Do.....	12RB17	Dark-gray, fine-gr, compact, Devonian.*			
Do.....	13RB42	Dark-gray, med-gr, porous, oolitic, L. Carb.*	Humbolt.....	13RA13	Do.			
Do.....	14C	Gray, coarse, porous, oolitic, "Grade B".*	Do.....	12RB16	Gray, compact, fine-gr, L. Carb.*			
Bloomington.....	6C	Gray, med-gr, porous, oolitic, "Select Gray".*	Iowa Falls.....	13LA13	Red-streaked, fine-gr, compact, L. Carb.*			
Do.....	7C	Gray and buff, med-gr, porous, oolitic, "Variegated".*	Keokuk.....	14LA17	Buff, medium-gr, porous, L. Carb.*			
Do.....	8C	Buff, med-gr, porous, oolitic, "Standard Buff".*	Lansing.....	11RA14	Drab, med-gr, compact, siliceous, L. Carb.*			
Do.....	10C	Gray, med-gr, porous, oolitic, "Select Gray".*	Do.....	11RB15	Lt-gray, fine-gr, cellular, L. Carb.*			
Corydon.....	12LA34	Nearly white, fine-gr, compact, oolitic. Do.	Do.....	11LA17	Buff, coarse-gr, porous, L. Sil.*			
Do.....	12RA35	Lt-gray, med-gr, porous, bitum, L. Carb.*	La Porte.....	13LA14	Lt-gray, fine-gr, compact, L. Sil.*			
Ellettsville.....	8RA16	Lt-gray, med-gr, compact, L. Carb.. oolitic.*	Do.....	12LA17	Buff, fine-gr, compact, Devonian.*			
Fort Ritner.....	8LA13	Lt-gray, med-gr, compact, L. Carb.. oolitic.*	Manchester.....	14LB15	Buff, banded, fine-gr, compact, Devonian.*			
Greencastle.....	8LA15	Lt-gray, med-gr, compact, cryst, L. Carb.*	Maquoketa.....	12LA16	Lt-gray, fine-gr, compact, Niagara.*			
Kokomo.....	8LA14	Drab, fine-gr, compact, bitum.*	Marshalltown.....	12LA15	Buff, med-gr, porous, Niagara.*			
Lawrence Co.....	5C	Gray and buff, med-gr, porous, oolitic, "Variegated".*	Monticello.....	14LB17	Lt-gray, fine-gr, compact, L. Carb.			
Do.....	11C	Gray, med-gr, porous, oolitic, "Standard Gray".*	Mt. Vernon.....	14LA14	Lt-buf, fine-gr, compact, U. Sil.*			
N. Vernon.....	13RB41	Dark-streaked, fine-gr, compact, Niagara.*	Olin.....	11RA15	Lt-buf, fine-gr, porous, bitum, Niagara.*			
Oakalla.....	12RA34	Lt-gray, fine-gr, compact, fossil, L. Carb.	Osage Sta.....	14LB14	Lt-buf, fine-gr, compact, bitum, Niagara.*			
			Do.....	11RA16	Dark-gray, coarse-gr, compact, fossil-bearing, Devonian.*			
			Quarry, Marshall Co.....	13RB15	Do.			
			Do.....	14RB17	Buff, fine-gr, compact, fossil, Sub-Carb.*			
					Lt-gray, fine-gr, porous, L. Carb.*			

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Sabula.....	12RB15	Buff, fine-gr, compact, ferrug. U. Sil.*	Stennett.....	14RB22	Buff, fine-gr, compact, fossil, Carb.*			
St. Claire.....	13LA15	Buff, fine-gr, compact, U. Sil.*	Tipton.....	9RB14	Buff, coarse-gr, compact, cellular, U. Sil.*			
Stone City.....	14LA16	Lt-buff, fine-gr, porous, bitum, Niagara.*	Do.....	12LA21	Do.			
Do.....	13RA16	Do.	Tracey Station, Marion Co.	9RA9	Lt-gray, fine-gr, porous, fossil, L. Carb.*			
Waterloo.....	14LA15	Buff, fine-gr, compact, siliceous, Devonian.*	Vinton.....	13RA18	Lt-buff, fine-gr, porous, bitum.*			
Winterset.....	14RA15	Lt-gray, med-gr, porous, fossil, Carb.*	Washington.....	14RA21	Dark-gray, med-gr, compact, semi-cryst, L. Carb.*			
Iowa Limestone								
Bedford.....	14RA24	Lt-drab, med-gr, compact, fossil, Carb.*	Waverly.....	14RA17	Buff, fine-gr, compact, Devonian.*			
Do.....	10LA19	Lt-buff, coarse-gr, compact, Carb.*	Winterset.....	14RA22	Lt-buff, med-gr, compact, fossil, L. Carb.*			
Bentonport.....	13RA21	Gray, med-gr, compact, semi-cryst, Sub-Carb.*	Do.....	14RB20	Gray, med-gr, compact, fossil, L. Carb.*			
Blanett.....	10RB13	Lt-gray, med-gr, compact, oolitic.	Iowa Sandstone					
Bristow.....	11LA20	Buff, fine-gr, compact, Devonian.*	Davenport.....	9RA44	Pale-pink, fine-gr, porous.*			
Do.....	9LB10	Lt-gray, coarse-gr, compact, Devonian.*	Lewis.....	11LB26	Yellowish-brown, coarse-gr, porous, Cret.*			
Burlington.....	9LA9	Lt-gray, med-gr, compact, Sub-Carb.*	Kansas Dolomite					
Do.....	9LB13	Do.	Marion Center.....	10LA9	Lt-buff, fine-gr, porous, Permian.*			
Do.....	11RB20	Buff, med-gr, compact, fossil.*	Do.....	11RB9	Lt-buff, streaked, fine-gr, porous, Permian.*			
Charles City.....	11LA14	Gray, fine-gr, compact, argil, mg, Devonian.*	Marysville.....	11RB10	Lt-gray, fine-gr, compact, Permian.			
Do.....	13RB14	Drab and buff-mottled, coarse-gr, fossil-bearing, Devonian.	Richland Twp., Butler Co.	10RA12	Buff, fine-gr, compact, siliceous.*			
Conrad.....	9RB13	"Madrepore Marble".*	Topeka.....	11LB8	Drab, med-gr, compact, fossil, Carb.*			
Corning.....	9LA11	Lt-gray, med-gr, compact, oolitic, L. Carb.*	Do.....	10LB12	Gray, med-gr, compact, fossil, Carb.*			
Davenport.....	9RB10	Lt-buff, fine-gr, compact, siliceous, Carb.*	Kansas Limestone					
Do.....	14LA22	Drab, fine-gr, compact, cellular, Devonian.*	See also S-2, 125 of table 4					
Do.....	13LA19	Lt-buff, coarse-gr, compact, fossil, Devonian.*	Armstrong.....	10RA24	Buff, med-gr, porous, fossil.*			
Decorah.....	13LB16	Drab, fine-gr, compact, Devonian.*	Atchison.....	11RA26	Dray-gray, med-gr, compact, fossil, Carb.*			
Dudley Sta., Wapello Co.	14LB21	Dark, mottled, fine-gr, compact, mg, L. Sil.*	Augusta.....	13RA23	Buff, coarse-gr, porous, Permian Fusulina.*			
Do.....	14LB22	Lt-buff, fine-gr, compact, oolitic, L. Carb.*	Cottonwood.....	11RA27	Lt-gray, coarse-gr, porous, Permian Fusulina.*			
Durham Sta., Marion Co.	9LB11	Gray, fine-gr, compact, oolitic, L. Carb.*	Do.....	11LB22	Nearly white, porous, coarse-gr.			
Earlham.....	9LB12	Lt-buff, med-gr, compact, bitum, L. Carb.*	Do.....	11RA25	Cut from the same block as 11LB22.			
Do.....	9LB9	Gray, fine-gr, compact, fossil, Carb.*	Douglass.....	13RA24	Lt-gray, med-gr, porous, soft, fossil, Permian.*			
Fairfield.....	9LA12	Drab, coarse-gr, compact, fossil, Carb.*	Eldorado.....	10RA23	Lt-gray, fine-gr, compact, Permian.*			
Do.....	9LB14	Buff, coarse-gr, compact, fossil, Carb.*	Do.....	11LA23	Do.			
Fort Dodge.....	13LA16	Gray, fine-gr, compact, micaceous, L. Carb.*	Florence.....	11LA8	Lt-gray, fine-gr, compact, fossil, mg.*			
Givin.....	9RB11	Drab, fine-gr, compact, mg, Carb.*	Greeley.....	10LA25	Buff, coarse-gr, porous.*			
Independence.....	9RB12	Gray, med-gr, compact, ferrug, L. Carb.*	Grenola.....	10LA24	Drab, fine-gr, compact, Fusulina.			
Do.....	13LB21	Buff, fine-gr, compact, fossil, Devonian.*	Irving.....	14LB26	Gray, fine-gr, compact, fossil.*			
Iowa City.....	12LA20	Do.	Junction City.....	12LB22	Buff, fine-gr, porous, soft and earthy.			
Do.....	10RB12	Dark, uneven-gr, compact, siliceous, Devonian.*	Leavenworth.....	11LB10	Yellow, earthy, fine-gr, compact, mg.			
Do.....	9RA12	Brown, med-gr, compact, Devonian.*	Lane.....	9RA13	Gray, med-gr, compact, fossil.*			
Iowa Falls.....	11LB20	Gray, coarse-gr, porous, fossil, Devonian.*	Manhattan.....	9LA13	Lt-gray, fine-gr, compact, Permian.*			
Do.....	10LA20	Drab, fine-gr, compact, ferrug, L. Carb.*	Oswego.....	12RB23	Dark-gray, compact, coarse-gr, fossil.*			
Kenoshaue Station.....	9LA10	Lt-gray, fine-gr, compact, L. Carb.*	Rock Twp., Butler Co.	12LB23	Lt-drab, fine-gr, compact.			
Knoxville.....	14LB20	Gray, med-gr, compact, siliceous, L. Carb.*	Silverdale.....	4C	Buff, med-gr, compact calc., "Silverdale".*			
La-Grand.....	14RB14	Gray, med-gr, compact, oolitic, mg, L. Carb.*	Smoky Hill Reservation.....	10RA22	White, fine-gr, porous, chalky.			
Macedonia.....	13RA19	Buff, coarse-gr, compact, Carb.*	Wilson.....	12RB22	Buff, fine-gr, compact.			
Marble Rock.....	14LA21	Gray, fine-gr, compact, Devonian.*	Winfield.....	13LA25	Drab, fine-gr, compact, Permian.			
Do.....	10LB13	Lt-buff, fine-gr, compact, Devonian.*	Kansas Sandstone					
Marshalltown.....	10LA18	Gray, med-gr, porous, oolitic.	Chanute.....	10LA37	Buff, fine-gr, friable, calc.			
Do.....	12RA21	Lt-drab, fine-gr, compact, arenaceous calc.	Neodesha.....	10RA33	Do.			
Mason City.....	14RA23	Lt-buff, fine-gr, compact, fossil, Devonian.*	Oswego.....	8LA39	Dark-gray, med-gr, porous, calc.*			
Do.....	13LB13	Buff, fine-gr, compact, cellular, mg, Devonian.*	Parsons.....	10RA32	Buff, fine-gr, porous.*			
Montour.....	14RB23	Buff, med-gr, compact, oolitic, L. Carb.	Do.....	10RA31	Gray, fine-gr, porous, calc.			
Do.....	11RA19	Do.	Pawnee.....	11LB31	Gray, dark-spotted, med-gr, porous, calc.*			
Mt. Pleasant.....	9RB9	Drab, fine-gr, compact, pyritiferous, L. Carb.*	Do.....	10LB36	Gray, dark-spotted, med-gr, compact, calc.*			
Do.....	13LB20	Drab, fine-gr, compact, siliceous, L. Carb.	Kentucky Dolomite					
Do.....	14LA20	Do.	Bardstown.....	11LA11	Drab, fine-gr, compact, U. Sil.			
Ottumwa.....	9RA10	Gray, med-gr, compact, L. Carb.*	Lincoln Co.	12LA13	Lt-drab, fine-gr, compact, semicrust.*			
Pella Station, Marion Co.	14RB21	Lt-gray, fine-gr, compact, L. Carb.*	Louisville.....	12LB12	Gray, fine-gr, compact, fossil calc, L. Carb.*			
Quarry, Marshall Co.	13LA21	Gray, med-gr, compact, fossil, L. Carb.*						
Sigourney Station, Keokuk Co.	9RA11	Lt-buff, fine-gr, compact, dendr, L. Carb.*						
Do.....	13RA20	Lt-gray, fine-gr, compact, L. Carb.*						

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Kentucky Limestone								
Anchorage.....	13RA45	Lt-drab, fine-gr, compact.*	Addison.....	5RB27	Drak-gray, fine-gr, Devonian.*			
Bloomfield.....	14RB47	Dark-gray, fine-gr, compact, fossil, L. Sil.	Addison Point.....	8LA27	Dark-gray, fine-gr, olivine.*			
Do.....	12LA36	Lt-gray, med-gr, compact, fossil.	Do.....	5LB25	Do.			
Dennis.....	13RB45	Drab, fine-gr, compact, L. Carb.	Vinal Haven.....	10LA30	Do.			
Frankford Franklin Co.....	14LB44	Drab, fine-gr, compact.*	Maine Diabase					
Frankfort.....	13RB44	Lt-gray, fine-gr, compact, semicrust.*	Addison.....	5RB27	Drak-gray, fine-gr, Devonian.*			
Do.....	13LA45	Lt-gray, coarse-gr, porous, fossil.*	Addison Point.....	8LA27	Dark-gray, fine-gr, olivine.*			
Franklin.....	14RB45	Lt-gray, compact, med-gr, fossil.	Do.....	5LB25	Do.			
Franklin.....	13LA44	Drab, fine-gr, compact, oolitic.*	Vinal Haven.....	10LA30	Do.			
Do.....	8RA17	Lt-gray, fine-gr, compact.	Maine Gneiss					
Garrett.....	12RA36	Lt-gray, med-gr, porous, oolitic, L. Carb.	Jefferson.....	7RB23	Gray, fine-gr, muscovite-biotite.*			
Grahampton.....	13LA43	Dark-gray, fine-gr, compact, semicrust, L. Carb.	Turner.....	6RA25	Dark-gray, med-gr, biotite.*			
Green Co.....	13LB45	Dark-gray, med-gr, compact, fossil, L. Carb.	Maine Granite					
Greensburg.....	14RB44	Drab, med-gr, compact, earthy, fossil.*	See also S-1 and S-2 of table 4					
Hopkinsville.....	13RA43	Lt-gray, med-gr, porous, oolitic, Sub-Carb.	Augusta.....	7RB24	Lt-gray, fine-gr, muscovite-biotite.*			
Lagrange.....	12RA11	Lt-gray, fine-gr, compact, mg, U. Sil.*	Biddeford.....	5RA27	Gray, coarse-gr, biotite.*			
Lebanon.....	14RB43	Drab, fine-gr, compact, Carb.	Do.....	5RA26	Do.			
Do.....	8RA18	Dark-gray, fine-gr, compact, fossil.	Brunswick.....	6RA27	Do.			
Lincoln Co.....	13LB44	Lt-gray, fine-gr, compact.	Bryant's Pond.....	6RB26	Drak-gray, med-gr, biotite.			
Litchfield.....	13LB43	Dark, mottled, fine-gr, compact, semicrust.*	Calais.....	6RB25	Pinkish-gray, med-gr, biotite.			
Do.....	13RB43	Lt-gray, med-gr, compact, oolitic, Sub-Carb.*	Canaan.....	7RA25	Dark-gray, coarse-gr, biotite.			
Livingstone.....	13LA46	Dark-gray, fine-gr, compact.	Chestererville.....	6RA26	Gray, fine-gr, biotite.*			
Lulligrude Cr.....			Crotch Isl.....	7RA24	Mauve and white, coarse-gr, porphyritic biotite.*			
Clark Co.....	12RB11	Drab, coarse-gr, compact, mg.	Dedham.....	8RB27	Gray and white, coarse-gr, porphyritic biotite.*			
Pilot Knob.....	13RA44	Lt-gray, med-gr, compact, oolitic, Sub-Carb.	Dix Island.....	10LA32	Gray, coarse-gr, biotite.*			
Pineville.....	14LB45	Dark-gray, fine-gr, compact, bitum.	E. Blue Hill.....	10RB27	Do.			
Do.....	14LB47	Drab, fine-gr, compact.	Franklin.....	6RB27	Do.			
Princeton.....	14LB46	Lt-gray, med-gr, compact, oolitic, L. Carb.	Do.....	5LA25	Drak-gray, med-gr, biotite.			
Do.....	13RA42	Lt-drab, med-gr, compact, oolitic, L. Carb.*	Do.....	B16	Pinkish-gray, med-gr, biotite.			
Do.....	13RA41	Lt-gray, med-gr, compact, oolitic, L. Carb.*	Hallowell.....	6LB27	Dark-gray, coarse-gr, biotite.			
Russellville.....	12LB37	Dark-drab, fine-gr, compact.	High Pine.....	10RB25	Gray, fine-gr, biotite.*			
Do.....	8LA17	Lt-gray, med-gr, compact, oolitic.*	Hurricane Isl.....	7B	Do.			
Springfield.....	8LA16	Gray, fine-gr, compact, coarsely fossil.	Lincoln.....	9RB23	Mauve and white, coarse-gr, porphyritic biotite.*			
Stewart's Mill.....			Lincoln.....	7LB25	Gray, coarse-gr, hornblende.*			
Clark Co.....	14RB46	Dark-gray, fine-gr, compact, Carb.	Lincolnville.....	6LA26	Lt-gray, fine-gr, muscovite-biotite.*			
Taylorsville.....	12RB38	Gray, med-gr, compact, coarsely fossil.	Milford.....	4RB17	Pink, coarse-gr, biotite, "Mildford Pink".*			
Trenton.....	13RA46.....	Lt-gray, med-gr, compact, oolitic.	Mt. Desert.....	12B	Pink, medium to coarse, biotite, "Somes Sound".*			
Kentucky Sandstone			Do.....	10LB30	Pink, coarse-gr, biotite.*			
Blue Lick Mountain.....	8RB31	Gray, fine-gr, compact.	North Jay.....	5B	Lt-gray, fine-gr, biotite-muscovite, "North Jay".*			
Cloverport.....	8LB31	Buff, fine-gr, porous, L. Carb.	Otter Creek Mt. Desert.....	4LB17	Otter Creek Mt. Desert.....	Bright-pink, coarse-gr, biotite.		
Do.....	7RA28	Lt-brown, fine-gr, porous, L. Carb.	Pownal.....	7LB24	Gray, fine-gr, biotite.*			
Do.....	6LB30	Buff, fine-gr, porous, L. Carb.	Round Pond.....	7LA24	Do.			
Grayson Spgs.....	5LA28	Buff, rust-spotted, fine-gr, porous.	St. George.....	8LB27	Dark-gray, fine-gr, biotite.*			
Do.....	7LA28	Lt-gray, fine-gr, porous.	Somesville Mt. Desert.....	10RB28	Gray, med-gr, biotite.*			
Johnson Co.....	8LA31	Lt-brown, med-gr, porous, L. Carb.	Do.....	10LA31	Lt-pink, coarse-gr, biotite.*			
Kirkmansville.....	6RB29	Yellowish, med-gr, porous.*	Do.....	4LB14	Pink and mauve, coarse-gr, biotite.*			
Livingstone.....	6LA30	Gray, fine-gr.	S. Brookville.....	5LA24	Gray, coarse-gr, biotite.*			
Marion.....	7RB27	Nearly white, fine-gr, compact, L. Carb.	St. Thomaston.....	10LB29	Do.			
Pineville.....	8RA31	Lt-blue-gray, fine-gr, compact.	Do.....	10LA34	Gray, fine-gr, biotite.*			
Taylor Co.....	7LB28	Gray, brown lines, fine-gr, compact.	Swanville.....	6LA27	Gray, fine-gr, biotite.*			
Whitney Co.....	6RA30	Lt blue-gray, fine-gr, porous.	Vinal Haven.....	10LA33	Do.			
Do.....	11LB45	Lt-gray, fine-gr, porous.	Do.....	7LA25	Pink, coarse-gr, biotite.			
Louisiana Quartzite			Do.....	4RB15	Do.			
Unknown.....	6LB47	Drab, white-dotted, fine-gr, compact.	Do.....	4LB15	Gray, fine-gr, biotite.*			
Louisiana Sandstone			Waldoborough.....	6LB26	Gray, fine-gr, biotite.*			
Unknown.....	6LA47	Pinkish, medium-gr, porous.	Wayne.....	6LA25	Gray, coarse-gr, biotite.*			
Maine Argillite (Slate)			W. Sullivan.....	10LB31	Gray, med-gr, biotite.*			
Brownville.....	10RB26	Uniform blue-black, electrical.*	Williamantic.....	6LB25	Gray, coarse-gr, biotite.			
Monson.....	10LB28	Do.	Maine Schist					
Knightsville.....	8RA27	Dark-gray, fine-gr, compact, talcose.*	Maine Serpentine					
Deer Island.....	5LB24	Black, compact.	Maryland Argillite (Slate)					
Nr. Cardiff.....	6RA41	Blue-black, med-coarse texture, roofing.*						

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description
Maryland Conglomerate					
Cumberland.....	5RB26	Lt-gray, coarse-gr, compact, L. Sil.*		Massachusetts Gneiss	
Maryland Dolomite					
Baltimore.....	3L15	White, fine-gr. Cut from same block as 3L15.	Becket.....	10LB23	Dark-gray, fine-gr, muscovite.*
Do.....	3R15		Do.....	8RA22	Pink-gray, fine-gr, biotite-muscovite.*
Findlay.....	10LA13		Charlton.....	9LB24	Lt-gray, fine-gr, muscovite-biotite.*
Maryland Gneiss			Monson.....	6LA39	Dark-gray, fine-gr, biotite.*
Baltimore.....	5RA39	Lt-gray, fine-gr, biotite.* Do.	Do.....	10LB22	Gray, fine-gr, muscovite.*
Do.....	5LB38		Northfield.....	10LB25	Gray, fine-gr, biotite.*
Ellicott City.....	6RA40	Dark-gray, coarse-gr.* Dark-gray, fine-gr, Laurentian horn-blende.	W. Andover.....	6LB22	Gray, coarse-gr, muscovite.*
Holchester.....	8RB38		Westford.....	5LB14	Gray, fine-gr, muscovite.*
Mt. Royal.....	6RB40		Do.....	5LB15	Lt-gray, fine-gr, muscovite.*
Maryland Granite			Do.....	5LB13	Gray, fine-gr, muscovite.*
Bethesda.....	5LA38	Bluish-gray, med-gr, biotite.* Black, white-spotted, coarse-gr, biotite.*	Do.....	7LB37	Lt-gray, fine-gr, muscovite.*
Granite.....	10RB41		Massachusetts Granite		
Gwynn Falls.....	10RB40	Gray, fine-gr, biotite.* Red, coarse-gr, Laurentian, biotite.	See also S-1 and S-2 of table 4		
Holchester.....	6LA40		Bay View.....	5LA20	Brownish-black, med-gr, biotite.
Montrose.....	5RB39	Gray, fine-gr, biotite.* Gray, med-gr, biotite.*	Cape Ahn.....	9LA24	Pink, coarse-gr, biotite.*
Woodstock.....	7LB38		Clinton.....	5LB9	Dark-gray, fine-gr, biotite.*
Do.....	6LB40		Cohasset.....	6LA22	Pink, coarse-gr, biotite.*
Maryland Limestone			Dedham.....	5LB11	Pink, fine-gr, epidote.
Mt. Pleasant.....	9LB16	Black, fine-gr, compact.*	Fitchburg.....	5LB10	Gray, coarse-gr, muscovite-biotite.*
Maryland Marble			Do.....	4LB21	Gray, coarse-gr, biotite.*
See also S-2, 163 of table 4			Framingham.....	10LB21	Lt-pink, coarse-gr, biotite.*
Cockeysville.....	13RA40	White, med-gr, L. Sil. dolomite. Do.	Do.....	10LB24	Lt-pink, coarse-gr, biotite.
Do.....	14LB42		Freetown.....	10RB23	Dark-gray, coarse-gr, biotite.
Do.....	14RB41	Brown, med-gr, dolomite, "Mar Villa".* White, med-gr, dolomite.	Gloucester.....	5LB12	Lt-gray, coarse-gr, biotite.*
Do.....	13LA41		Do.....	5LB17	Lt-pink, coarse-gr, hornblende.*
Do.....	4LB13	White, coarse-gr. White, med-gr, dolomite.*	Do.....	8LB22	Lt greenish-gray, coarse-gr, horn-blende.*
Do.....	4RB10		Do.....	5LB18	Gray, coarse-gr, hornblende.*
Frederick.....	14RB42	Variegated, coarse, Trias., conglomerate.* Gray, fine-gr, fossil.*	Do.....	5LB16	Do.
Keedysville.....	12RA31		Do.....	5LB3	Dark-gray, coarse-gr, hornblende.*
New Windsor.....	9RB16	Lt blue-gray, fine-gr.* White, fine-gr.*	Leominster.....	5LB19	Dark-gray, fine-gr, biotite.*
Union Bridge.....	13LB40		Do.....	B4	"Milford Pink".*
Do.....	12LA30		N. Easton.....	6RA39	Pinkish, coarse-gr, biotite.*
Maryland Quartzite			Do.....	5RB15	Pink, coarse-gr, biotite.*
Frederick Co.	10LB41	Cream-colored, coarse-gr.*	Peabody.....	9LA23	Gray, coarse-gr, hornblende.*
Maryland Schist			Quincy.....	5RB20	Dark-gray, coarse-gr, hornblende.*
See sections S-2 and EE of table 4			Do.....	5RB12	Do.
Maryland Serpentine			Do.....	5RB17	Do.
Baltimore.....	7LA38	Dark-green, fine-gr, compact. Do.	Do.....	5RB14	Do.
Do. Creek.....	7LA37		Do.....	5RB13	Dark-gray, coarse-gr, hornblende.*
Dublin Borough.....	7RB38	Dark and light-green, variegated.* Do.	Do.....	5RB19	Do.
Do.....	6RB41		Do.....	10RB24	Pink, coarse-gr, hornblende.*
Do.....	8LB41	Lt-green, variegated.* Cut from same block as 8LB41.	Do.....	5RB18	Dark-gray, coarse-gr, hornblende.*
Do.....	7RA38		Do.....	5RB11	Dark-red, coarse-gr, hornblende.*
Massachusetts Conglomerate			Do.....	4RB14	Blue-gray, coarse-gr, hornblende.*
Dorchester.....	7RB35	Vari-colored, compact, siliceous, "Puddingstone".*	Do.....	1L7	Dark-gray, coarse-gr, riebeckite-aegirite.*
Massachusetts Diabase			Do.....	1R7	Do.
E. Longmeadow ..	5RB16	Dark-gray, fine-gr, Mesozoic.* Dark-gray, coarse-gr.*	Do.....	1L8	Do.
Medford.....	8LA23		Do.....	1R8	Do.
Somerville	8LA22	Gray, coarse-gr.*	Do.....	1L9	Do.
Massachusetts Gneiss			Do.....	1R9	Do.
Alford.....	13LB33	White, med-gr, L. Sil. Grayish-white, coarse-gr, L. Sil.*	Quincy Adams.....	5RB10	Pink, fine-gr, biotite.*
Do.....	9RB15		Randolph.....	5RB9	Lt-pink, coarse-gr, biotite.*
Lee.....	13RB31	White, fine-gr, L. Sil. dolomite.* White, med-gr, dolomite, "Lee Marble".*	Rockport.....	6RB22	Dark-gray, coarse-gr, hornblende.*
Do.....	13RB7		W. Chelmsford.....	1B	Lt-gray, med-gr, muscovite-biotite, "West Chelmsford Gray".*
Do.....	13RB13	White, med-gr, dolomite, "Lee Marble".*	Do.....	17B	Lt-gray, med-gr, muscovite-biotite, "West Chelmsford White".*
Do.....	14LA7		W. Quincy.....	9RA23	Dark-gray, coarse-gr, hornblende.*
Do.....	14LA8		Do.....	5RA21	Do.
Stockbridge	9LB15	Water-blue, fine-gr, L. Sil.*	Do.....	6RA22	Do.
Massachusetts Granite			Woods Hole.....	8RB22	Lt-pink, green blotches, coarse-gr.
See also S-2, 164 to 166 of table 4			Worcester.....	9RB22	Gray, coarse-gr, biotite-muscovite.*
Massachusetts Marble			Wyoma.....	5RA20	Gray, coarse-gr, hornblende.*

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description
Massachusetts Melaphyre					
Brighton.....	10LB26	Olive-green, white-speckled, med-gr, compact.*	Beaver Bay.....	7RB32	Red, coarse hornblende.
Massachusetts Sandstone			Cold Springs.....	10B	Pink, coarse-gr, hornblende-biotite, "Pearl Pink".*
E. Long Meadow	8RA23	Lt reddish-brown, porous, fine-gr.*	E. St. Cloud.....	6LB34	Gray, fine-gr hornblende.*
Do.....	9RQ	Reddish-brown, fine-gr, Trias. "Longmeadow".*	Do.....	5RA33	Red, coarse-gr hornblende.*
Michigan Argillite (Slate)			Do.....	6RA34	Dark-gray, coarse-gr hornblende.*
Arvon.....	6LA45	Blue-black, smooth texture slate.*	Isle.....	8B	Gray, medium to coarse, biotite, "Pearl White".*
Michigan Dolomite			Watab.....	7LB32	Gray, coarse-gr hornblende-biotite.*
Raisinville	11LA2	Lt-gray, fine-gr, porous, granular, Devonian.*	Do.....	6RB34	Red, coarse-gr hornblende.*
Sibley's Station....	11RA5	Drab, fine-gr, compact, fossil. Devonian.*	Do.....	6LA34	Reddish-gray, coarse-gr biotite.
Michigan Gneiss			Minnesota Granite		
Vulcan.....	6RA46	Dark-gray, fine-gr, biotite.*	Beaver City.....	6LA35	Lt-greenish, coarse-gr, compact.
Michigan Granite			Minnesota Limestone		
Vulcan.....	11RB39	Red, fine-gr, biotite.*	See also S-2 and 25EE of table 4		
Michigan Quartzite			Canon City.....	13LB32	Drab, fine-gr, compact L. Sil.*
Vulcan.....	10LA49	Lt-gray, fine-gr, compact, L. Sil.*	Mankato.....	1C	Buff, fine-gr, cellular mg.*
Michigan Sandstone			Do.....	9C	Gray-buff, fine-gr, cellular mg.*
Isle Royale.....	8RB44	Reddish-brown, fine-gr, porous, Potsdam.	Minneapolis.....	17C	Cream, fine-gr, cellular mg.*
I'Anse.....	7LB45	Do.	Do.....	14RB8	Dark-mottled gray, fine-gr, compact, fossil, mg.*
Do.....	7LB43	Brownish-purple, gray-mottled, med-gr, porous Potsdam.*	Red Wing.....	9LA16	Mottled gray, fine-gr, compact.*
Do.....	8RA44	Red, brown and buff, coarse-gr, porous Potsdam.*	Do.....	11LA5	Lt-drab, fine-gr, compact, mg, dendritic.*
Marquette.....	7RB42	Red and gray, med-gr, porous L. Sil.*	St. Paul.....	9RA16	Gray, fine-gr, compact, fossil, mg, L. Sil.*
Do.....	7RA42	Reddish, fine-gr, porous Potsdam.			
Do.....	7LA44	Purplish-brown, med-gr, compact L. Sil.	Minnesota Quartz		
Portage Entry....	6LA46	Red, fine-gr, porous.*	Duluth.....	10LA35	Reddish-brown, fine-gr, compact porphyry.
Stony Point.....	7LB44	Dark-buff, fine-gr, porous.*	Lake Co.....	5RB34	Dull-red, fine-gr, compact porphyry.
Minnesota Diabase			Minnesota Quartzite		
Duluth.....	5LA33	Dark-gray, fine-gr, trap rock.*	Courtland.....	5LB33	Purplish-red, fine-gr, compact.*
Taylor's Falls.....	5RB33	Nearly black, fine-gr, olivine.*	Minnesota Sandstone		
Two Harbor Bay..	6LB35	Nearly black, fine-gr.	Dakota.....	8RB34	Buff, fine-gr, friable L. Sil.*
Minnesota Dolomite			Dresback.....	7RA32	Gray, fine-gr, friable L. Sil.
Canon City.....	13LB7	Drab, fine-gr, compact L. Sil.*	Fond Du Lac.....	8LA34	Purplish-brown fine-gr, compact L. Sil.*
Frontenac.....	12LA8	Lt-buff, fine-gr, porous L. Sil.*	Hinckley.....	7LA32	Yellowish-pink, fine-gr, porous.*
Kasota.....	12RA9	Buff, fine-gr, compact L. Sil.*	Jordan.....	9RA33	Buff, rust-spotted, fine-gr, porous L. Sil.*
Do.....	11LA6	Reddish-yellow, fine-gr, porous L. Sil.*	Luverne.....	8RA34	Purplish-brown, med-gr, compact.
Do.....	12LB8	Yellow, fine-gr, compact L. Sil.*	Mendota.....	8LB34	Bright-yellow, med-gr, porous L. Sil.*
Mankato.....	13RA7	Buff, fine-gr, porous L. Sil.*	Mississippi Limestone		
Reading.....	14RA8	Lt-drab, fine-gr, compact L. Sil.*	Teshomingo County.....	8LB16	Gray, fine-gr, compact, finely fossil.
Stillwater.....	11LB5	Lt-drab, fine-gr, porous L. Sil., siliceous.*	Mississippi Sandstone		
Do.....	13LA7	Lt-buff, fine-gr, compact L. Sil.*	Rankin Co.....	8LA41	Yellow, fine-gr, compact argil.
Winona.....	12RB9	Lt-drab, fine-gr, compact L. Sil.*	Missouri Dolomite		
Minnesota Gabbro			Booneville.....	11LA13	Buff, fine-gr, compact.*
Duluth.....	5LB34	Dark-gray, coarse-gr, gabbro.*	Do.....	12RA15	Do.
			Bowling Green.....	11RA12	Mottled-buff, fine-gr, compact L. Sil.*
			De Soto.....	11RA13	Lt-gray, fine-gr, compact, siliceous L. Sil.*
			Dutzrow.....	11RB13	Lt-drab, fine-gr, compact.*
			Hermann.....	11RB14	Dark-gray, fine-gr, compact siliceous.*
			Jefferson City.....	11LA12	Lt-gray, fine-gr, compact siliceous.*
			Marshfield.....	11RB12	Yellow-brown, fine-gr, compact siliceous.*
			Osage.....	12LB14	Lt-spotted, coarse-gr, porous siliceous.*
			St. Louis.....	12RB14	Lt-gray, fine-gr, compact L. Carb.*
			Sedalia.....	11RA11	Buff, fine-gr, compact fossil.*
			Do.....	11LB15	Dark-gray, fine-gr, compact siliceous L. Carb.*
			Stoutland.....	11LB14	Lt-gray, fine-gr, siliceous.*

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Missouri Granite								
Graniteville.....	7RA35	Red, med-gr biotite.*						
Iron Co.....	7LA35	Do.						
Knob Lick.....	7RA36	Gray, med-gr hornblende.						
Syenite.....	7RA37	Pinkish, med-gr biotite.*						
Missouri Limestone								
See also S-2, 5, S-3, 12 and 8WE of table 4								
Amazonia.....	13LB22	Lt-brown, fine-gr, compact, finely fossil.*	Columbus.....	7LA41	Montana Marble			
Barrett's Station..	9LA5	Lt-gray, coarse-gr, porous fossil.*	Do.....	8RB43	See also S-2, 133, and 134 of table 4			
Bear Creek Marion Co.	10RB6	Gray, coarse-gr, compact, encrinital semicryst.*	Helena.....	11LA32	Black and gold, fine-gr.			
Carthage.....	1LQ	Gray, med-gr, cryst calc, "Carthage Marble".*	Do.....	12LB13	Dark-gray, fine-gr, brecciated dolomite.			
Do.....	3LQ	Do.	Montana Sandstone					
Do.....	14LB48	Gray, med-gr, cryst calc "Ozark Travernelle".*	Columbus.....	8LB43	Dray-gray, fine-gr, compact, Cret.			
Clinton.....	10LB6	Cut from same block as 14LB48.	Do.....	8RA43	Do.			
Do.....	10LB7	Blue, fine-gr, compact, argil Carb.*	Do.....	8LA43	Do.			
Glencoe.....	12RB21	Buff, fine-gr, compact, argil Carb.	Do.....	8RB42	Dark-gray, fine-gr, porous, Cret.			
Hannibal.....	10RB7	Buff, coarse-gr, compact, fossil L. Carb.*	Great Falls.....	11RB35	Do.			
Do.....	12LB15	Lt-gray, coarse-gr, compact, encrinital, semicryst.*	Nebraska Limestone					
Herculaneum.....	10RB8	Buff, coarse-gr, compact, mg, semicryst, fossil.*	Glen Rock.....	13RB24	Lt-gray, med-gr, compact Fusulina.*			
Kansas City.....	12LA14	Gray-buff, fine-gr, calc, "Herculaneum Buff".*	LaPlatte.....	14LB43	Lt-gray, med-gr, compact Permian.*			
Neosho.....	11RA22	Gray, med-gr, compact, mg, fossil.*	Roca.....	8RB7	Lt-gray, fine-gr, compact Permian.*			
New London.....	9RA5	Dark-gray, med-gr, compact fossil.*	Do.....	8LB6	Lt-gray, fine-gr, compact, fossil Permian.*			
Paris.....	11LB21	Drak-gray, fine-gr, compact fossil.*	Do.....	11RA23	Lt-gray, fine-gr, compact Permian.			
Phenix.....	2L17	Gray, fine-gr, compact fossil-bearing.*	Syracuse.....	8LB7	Lt-drah, fine-gr, compact Fusulina.			
Do.....	2R17	Gray, med-gr, cryst calc, "Napoleon Gray".*	Nevada Andesite					
Do.....	14L49	Cut from same block as 2L17.	Reno.....	7LB35	Lt-gray, med-gr, compact hornblende.*			
Do.....	14R49	Do.	Virginia City.....	7RB37	Gray, coarsely porphyry compact hornblende.*			
Pleasant Hill.....	11LA21	Gray, fine-gr, compact, Carb.*	Do.....	7LB36	Lt-brown, white-spotted porphyritic hornblende.*			
Do.....	12LA22	Dark-gray, med-gr, compact Carb., fossil.*	Nevada Sandstone					
St. Louis.....	12LB21	Drab, fine-gr, compact, finely fossil L. Carb.*	Carson City.....	7RB36	Gray, coarse-gr porous.*			
Do.....	11RA21	Lt-gray, med-gr, compact, semicryst L. Carb.	New Hampshire Breccia					
Springfield.....	10LA21	Do.	Franconia.....	11LB34	Red, compact breccia of porphyry fragments.			
Missouri Marble			New Hampshire Gneiss					
See also S-2, 141 of table 4			Petersborough.....	6RA43	Gray, med-gr muscovite-biotite.*			
			Sunapee.....	5LA43	Dark-gray, med-gr biotite.*			
Cape Girardeau....	11RB21	Nearly white, med-gr, L. Sil.*	New Hampshire Granite					
Missouri Sandstone			See also S-2, 48, 76, and 80 of table 4					
Butler.....	11LB30	Gray, rust-spotted, med-gr, porous Carb.*	Allentown.....	10RA39	Gray, fine-gr biotite-muscovite.*			
Clinton.....	8LA36	Lt-gray, fine-gr, porous Carb.*	Concord.....	10LA44	Do.			
Do.....	8RB37	Buff, fine-gr, compact Carb.*	Do.....	5LB43	Do.			
Howard Co.....	8RA37	Buff, fine-gr, porous Carb.	Do.....	5LB44	Do.			
Jones Station Rails Co.....	11LB29	Lt-buff, fine-gr, porous.*	Durham.....	10RB44	Lt-gray, med-gr, muscovite-biotite, "Concord Gray".*			
Meadville.....	9RB32	Buff, med-gr, porous, calk Carb.*	Enfield.....	11RB36	Gray, coarse-gr biotite.*			
Miami Station Carroll Co.....	13RA22	Gray, fine-gr, porous Carb.*	Farmington.....	10RA41	Gray, fine-gr biotite.*			
Nevada.....	8RA36	Lt-gray, rust-spotted, fine-gr, porous, Carb.*	Fitzwilliams.....	10RA38	Gray, fine-gr biotite.*			
Rockville.....	8LB37	Lt-buff, fine-gr, porous, calk, Carb.*	Do.....	10LA46	Do.			
Do.....	9RA34	Red, coarse-gr, porous, calk Carb.*	Do.....	10RA36	Gray, fine-gr biotite-muscovite.*			
St. Genevieve.....	10RB36	Buff, fine-gr, porous L. Carb.*	Hanover.....	10LB43	Gray, coarse-gr biotite.*			
Warrensburg.....	8LA37	Gray, med-gr, porous Carb.*	Keene.....	6RB44	Lt-gray, fine-gr biotite-muscovite.			
Montana Diorite			Lebanon.....	10LA45	Pink, coarse-gr biotite-muscovite.*			
Helena.....	7RA40.....	Gray, med-gr.	Manchester.....	10LB44	Lt-gray, med-gr biotite.*			
Montana Granite			Do.....	11LB33	Pink, coarse-gr biotite-epidote.*			
Baxendale.....	10LB42	Pink and gray, med-gr biotite.	Marlborough.....	5RB44	Lt-gray, fine-gr muscovite-biotite.*			
Butte.....	10RB43	Dark greenish-gray, med-gr hornblende.	Mason.....	4RB20	Gray, fine-gr biotite.*			
Lewis & Clark Co.	7LB41	Gray, med-gr porphyritic biotite.	Do.....	10RA37	Lt-gray, fine-gr biotite.*			
			Milford.....	10RB45	Lt-gray, medium texture biotite.*			
			Do.....	10RA40	Lt-gray, fine-gr biotite.*			
			Do.....	6RA44	Do.			
			Plymouth.....	7RB40	Pinkish-gray, fine-gr biotite.			
			Do.....	10LB45	Gray, med-gr biotite.*			
			Raymond.....	7RB41	Li-pink, med-gr biotite.*			
			Redstone.....	3B	Pink, coarse-gr biotite "Conway Pink".*			
			Do.....	15B	Green, coarse-gr biotite-hornblende, "Conway Green".*			
			Roxbury.....	10RA35	Lt-gray, fine-gr, biotite-muscovite.*			
			Do.....	10LA43	Gray, fine-gr, biotite-muscovite.*			
			Rumney.....	7RA41	Gray, fine-gr, biotite-muscovite.*			
			Sunapee.....	6LB44	Gray, fine-gr, biotite-muscovite.*			
			Troy.....	6LA44	Gray, fine-gr, muscovite-biotite.*			
			Do.....	7LA42	Lt-gray, fine-gr, muscovite-biotite.*			
			Do.....	7LB42	Do.			

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
New Jersey Conglomerate								
Boonton.....	5RB43.....	Reddish, coarse-gr, compact.	Santa Fe.....	7RB45	New Mexico Tuff			
May's Landing Atlantic Co....	9LA36	Brown, coarse-gr, porous, ferrug.			Lt-gray, fine-gr, rhyolite tuff.* (used in Santa Fe Cathedral)			
Morristown	5LB42	Reddish-brown and white, coarse-gr, compact.	New York Argillite (Slate)					
New Jersey Diabase								
Jersey City.....	10LA42	Dark-gray, fine-gr.*	Granville.....	9LA31	Green and red, rough texture, roofing.*			
Do.....	10RB46	Nearly black, fine-gr.*	Hampton.....	9RA30	Green, rough-texture, roofing slate.*			
Lambertville.....	6LB43	Dark-gray, fine-gr.*	Middle Granville..	10RB30	Purple, rough-texture, roofing slate.*			
Rock Church.....	5LA42	Gray, fine-gr.*	New York Dolomite					
Rocky Hill.....	6RB43	Dark-gray, very fine-gr.*	Lockport.....	13LB6	Lt-gray, fine-gr, compact, fossil U. Sil.*			
Weehawken.....	5RA43	Dark-gray, fine-gr.*	Rochester.....	11RA7	Dark-drab, fine-gr, compact Devonian.*			
W. New York	10RA44	Gray, fine-gr.*	New York Gneiss					
New Jersey Dolomite								
Newton.....	13LB12	Dark-gray, fine-gr, compact, L. Sil.*	Hastings.....	6LB29	Dark-gray, white-banded, fine-gr biotite.*			
New Jersey Gneiss								
Bloomingdale....	5RB42	Greenish-gray, fine-gr, biotite.*	New York Limestone					
Dover.....	5RA42	Greenish-gray, med-gr, non micaceous hornblende.*	Amsterdam.....	14RB6	Nearly black, fine-gr, compact, mg, L. Sil.*			
New Jersey Granite			Buffalo.....	11RA6	Dark-gray, med-gr, compact, mg, Devonian.*			
Charlotteburgh ..	9LA35	Pink, coarse-gr, biotite.*	Canajoharie.....	12LA7	Dark-gray, coarse-gr, compact, mg, fossil L. Sil.*			
Pompton Jct.....	5RA17	Pink and green, coarse-gr, pegmatite, "Pompton Pink".*	Cobleskill.....	12RA8	Black, fine-gr, compact, mg, Devonian.*			
Do.....	5LB41	Do.	Cottonwood Sta... Crown Point	13LA37 12RA7	Lt-gray, med-gr, somewhat porous. Nearly black, fine-gr, compact, mg, U. Sil.*			
Morristown	5LA41	Dark-green and white coarse-gr, hornblende.	Howe's Cave.....	13RA5 11RB5 Do.....	Black, fine-gr, compact, mg, U. Sil.* Black, fine-gr, compact, mg, U. Sil.* Nearly black, fine-gr, compact, mg, fossil U. Sil.*			
New Jersey Sandstone			Indian Res. Onondaga Co... Kingston.....	12RB7 13RB5 12LB7	Gray, med-gr, compact, fossil, mg.* Dark-gray, med-gr, compact, mg Carl.* Dark-gray, fine-gr, compact, mg Devonian.*			
Avondale.....	7RB39	Brownish-purple, med-gr, porous Trias.*	Le Roy.....	8LA6 10LA7	Gray, med-gr, compact.* Dark-gray, med-gr, compact, fossil, mg Devonian.*			
Belleview.....	8RB40	Do.	Louisville.....	10RA10	Gray, med-gr, compact, fossil, mg L. Sil.*			
Do.....	8RA40	Brown, med-gr, porous Trias.*	Sandy Hill.....	8RA6	Dark-gray, fine-gr, compact L. Sil.*			
Do.....	9RB36	Brownish-purple, fine-gr, porous Trias.*	Saratoga.....	14RA7	Black, fine-gr, compact L. Sil.			
Do.....	7RA39.....	Brownish-purple, med-gr, porous Trias.*	Schoharie.....	12LB6	Black, fine-gr, compact, mg U. Sil.*			
Danville.....	8RB41	Dark-gray, coarse-gr, compact.*	S. Glenn Falls	14LB8	Nearly black, fine-gr, compact, mg L. Sil.*			
Greensburg.....	8RA41	Lt-brownish-purple, coarse-gr, compact Trias.	Springfield Center.	12RB8	Dark-drab, fine-gr, compact, mg Devonian.*			
Little Falls.....	8RB39	Lt-brown, fine-gr, porous Trias.*	Three Mile Bay...	11RB7	Gray, fine-gr, compact, fossil, mg L. Sil.*			
Martinville.....	6RA42	Drab, fine-gr, compact Trias.*	Union Springs	11LA4	Black, fine-gr, compact, mg Devonian.*			
Newark.....	8LA42	Purplish-brown, fine-gr, porous Trias.*	Waterloo.....	13LA6	Black, fine-gr, compact, mg Devonian.*			
Do.....	7LB40	Brownish-purple, fine-gr, porous Trias.*	Williamsville	13RB35.....	Gray, med-gr, compact, fossil, mg Devonian.*			
Orange Mt.....	7LA40	Purplish-brown, med-gr, porous Trias.	Willsborough.....	13RB6	Black, fine-gr, compact, fossil, mg L. Sil.*			
Patterson.....	7LA39	Brownish-purple, med-gr, porous Trias.	New York Marble					
Pleasant Val.....	7LB39	Brown, fine-gr, porous Trias.*	See also S-2 of table 4					
Do.....	6LA43	Brown, fine-gr, porous Trias.	Chazy.....	12RB30	Gray, pink-spotted, med-gr, compact, fossil L. Sil.			
Princeton.....	11RB38	Greenish-gray, fine-gr, compact Trias.*	Greensport.....	11LA30	Gray and pink, med-gr, fossil U. Sil.*			
Quarryville.....	8LB42	Dark blue-gray, fine-gr, compact L. Sil.*	Lockport.....	13LB5	Pinkish-gray, coarse-gr, mg, fossil U. Sil.*			
Stockton.....	6LA42	Lt-purplish-brown, coarse-gr, porous Trias.*	Moriah.....	3L5	Gray, green-spotted, coarse, verdantique.			
Do.....	6LB42	Lt-gray, rust-spotted, med-gr, compact Trias.*	Do.....	3R5 11LB3	Cut from same block as 3L5.			
Woodsville.....	11RB37	Blue-black, fine-gr, compact.*	Pleasantville	13LB38	White, coarse-gr, Archæon, mg, "Snowflake Marl".*			
New Mexico Sandstone			Sing Sing.....	11LB24	Gray, green-spotted, coarse-gr calc serpentine.*			
Las Vegas.....	8RA47	Brownish-purple fine-gr, compact.	South Dover.....	12LB5	White, med-gr dolomite.			
Do.....	11RB45	Lt-red and white-banded, med-gr, porous.	S. Glenn Falls	11RB6	White, med-gr Archaean dolomite.*			
Do.....	7RA44	Lt-gray, fine-gr, porous.	Tuckahoe.....	14LB7	Black, fine-gr compact, mg L. Sil.*			
Do.....	8LA47	Pink, fine-gr, porous sandstone.	Do.....	13RA6	White, coarse-gr Archaean dolomite.*			
Do.....	11LB44	Purplish-red, fine-gr, compact.	Do.....	14LB6	Do.			
Santa Fe.....	7LA45	Brownish-purple, coarse-gr, porous.*			Do.			
Valencia Co....	8LB47	Reddish-brown, fine-gr, porous.*						
New Mexico Serpentine								
Grant County Gila River	7RA45	Green and white-banded, fine-gr, "Riccolite".*						
Do.....	10LB49	Do.						
Do.....	10RB50	Cut from same block as 10LB49.						
Do.....	11RB43	Green and white-banded, fine-gr, "Riccolite".*						
Do.....	11RB44	Cut from same block as 11RB43.						

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
New York Quartzite								
Fort Ann	9LB32	Buff, fine-gr, compact.*	Hickory	11LB42	Gray, coarse-gr biotite.*			
New York Sandstone								
See also S-2, 9 S-2, 131, and 21EE of table 4								
Belfast.....	6RA28	Brownish-purple, fine-gr, compact U. Sil.*	Jamestown.....	5LB20	Do,			
Do.....	7RA27	Purplish-brown, fine-gr, compact U. Sil.*	Mooresville.....	6LB23	Red, yellow-mottled, fine-gr.*			
Do.....	8RB29	Brownish-purple, fine-gr, compact U. Sil.*	Morganton Depot..	6LA23	White, green-spotted, fine-gr, horn-blende.*			
Belfast.....	8RA30	Drab, med-gr, compact.*	Raleigh.....	8LB25	Lt blue-gray, fine-gr biotite.			
Boiceville.....		Dark greenish-gray, fine-gr, compact, Devonian.*	Shelby.....	7LB22	Gray, fine-gr biotite.*			
Broadhead's Bridge.....	8RB30	Dark blue-gray, fine-gr, compact Devonian.*	North Carolina Granite					
Do.....	8RB28	Do.	Alamance Co.	8LB24	Gray, fine-gr biotite granite.			
Camden.....	7RA26	Gray, fine-gr, compact U. Sil.*	Do.....	7LA21	Gray, fine-gr biotite-muscovite.			
Canisteo.....	6RB28	Lt-gray, fine-gr, compact Devonian.*	Asheville.....	7LA22	Lt-gray, fine-gr biotite.			
Corning.....	8RA29	Blue-gray, fine-gr, compact, calk Devonian.*	Buckhorn Falls	7LA23	Lt-gray, green-spotted, med-gr biotite.*			
Covert.....	7RB26	Dark blue-gray, fine-gr, compact, calk Devonian.*	Charlotte.....	8LB26	Gray, med-gr biotite.			
Guilford.....	8RA28	Blue-gray, fine-gr, compact Devonian.*	Do.....	6LB24	Gray, coarse-gr biotite.			
Guilford Cntr., Chenango Co.	9RA27	Dark-drab, fine-gr, compact Devonian.*	Concord.....	6LA24	Lt-red, fine-gr biotite.			
Hallihan's Hill.....	7LA27	Dark blue-gray, fine-gr, compact Devonian.*	Contentnea Cr.					
High Woods.....	6LA29	Dark blue-gray, fine-gr, compact Devonian.*	Wilson Co.	7LB21	Pink, coarse-gr, porphyritic biotite.			
Hulberton.....	8LB28	Brownish-purple, fine-gr, porous U. Sil.*	Danbury.....	8LB23	Pinkish-gray, coarse-gr biotite.			
Huntersland.....	9RB26	Blue-gray, fine-gr, compact Devonian.*	Davidson College	5LA23	Dark-gray, med-gr hornblende-biotite.*			
Ithaca.....	10LB32	Dark blue-gray, fine-gr, compact Devonian.*	Do.....	5LB23	Gray, coarse-gr biotite.*			
Lockport.....	8LA30	Lt-gray, fine-gr.*	Gaston Co.	6RA38	Gray, coarse-gr biotite.*			
Margarettville.....	7RB25	Blue-gray, med-gr, porous Devonian.*	Gastonia.....	7RA23	Gray, fine-gr muscovite-biotite.*			
Medina.....	10RB29	Lt purplish-pink, fine-gr, porous U. Sil.*	Greensborough.....	8RB23	Gray, fine-gr biotite.			
Mt. Pleasant.....	6LB28	Blue-gray, fine-gr, compact Devonian.*	Hillsboro.....	8RB26	Pink, fine-gr biotite.*			
Olean.....	6LA28	Blue-gray, fine-gr, compact Devonian.*	Lexington.....	8RB25	Gray, fine-gr biotite.			
Oneonta.....	7LA26	Gray, fine-gr, compact Devonian.*	Louisburg.....	10LB27	Gray, pink-spotted, fine-gr biotite.			
East Shore, Otsego Lake.....	9LB28	Dark bluish-gray, fine-gr, compact Devonian.*	Do.....	5RB25	Lt-gray, fine-gr biotite.*			
Do.....	9LA29	Do.	Mecklenburg Co.	5RA23	Gray, coarse-gr hornblende.*			
Phoenixia.....	8LB30	Blue-gray, fine-gr, compact Devonian.*	Mooresville.....	5RB23	Gray, fine-gr biotite.*			
Do.....	9RA29	Do.	Mt. Airy.....	6RB23	Yellowish-gray, med-gr biotite.*			
Potsdam.....	7LB27	Dark-gray, fine-gr, compact Devonian.*	Mt. Monroe.....	2B	Lt-gray, med-gr biotite, "Mt. Airy".*			
Pultney.....	9RB27	Red and white banded, med-gr, compact L. Sil.*	Oxford.....	5RB22	Gray, coarsely porphyritic biotite.*			
Reedsdale.....	9RB28	Blue-gray, fine-gr, compact Devonian.*	Poison Springs.....	8RB24	Dark-gray, coarse-gr biotite.*			
Sawkill.....	8LB29	Dark blue-gray, fine-gr, compact Devonian.*	Rockingham.....	5RA23	Gray, med-gr biotite.*			
Schenectady.....	9LB29	Dark blue-gray, fine-gr, compact L. Sil.	Do.....	5RA24	Greenish-gray, coarse-gr biotite.			
Ulster Co., Snider Hollow	9RA28	Dark blue-gray, fine-gr, compact Devonian.*	Salisbury.....	6RB24	Pinkish-gray, coarse-gr porphyritic biotite.*			
South Unadilla.....	12RQ	Dark gray, fine-gr bluestone.*	Do.....	6RA23	Lt-gray, fine-gr Archaean biotite.*			
Stony Kill.....	8LA29	Dark blue-gray, fine-gr, compact Devonian.*	Do.....	6RA24	Pinkish-gray, coarse-gr biotite.*			
Stony Hollow, Ulster Co.	9RB30	Dark blue, fine-gr, compact Devonian.*	Toisnot.....	5RB21	Brownish-gray, med-gr biotite.*			
Trumansburg.....	9LB30	Dark blue-gray, fine-gr, compact.*	Warren Plains.....	7RB22	Pink, med-gr biotite.			
Warsaw.....	9LA28	Blue-gray, fine-gr, compact, argil Devonian.*	Warrenton.....	5RB24	Gray, pink-spotted, med-gr biotite.*			
Watkins Glen.....	9LB31	Blue-gray, fine-gr, compact Devonian.*	Winston.....	5RB38	White, fine-gr muscovite.			
W. Hurley.....	8LA28	Dark blue-gray, fine-gr, compact Devonian.*	North Carolina Limestone					
W. Liberty.....	9LA30	Gray, med-gr, compact Devonian.*	Newbern.....	9RB5	Buff, coarse-gr, coarsely cellular Eocene.			
Woodstock.....	7LB26	Dark blue-gray, med-gr, compact Devonian.*	Rock Point.....	12LA33	Buff, coarse-gr, compact, fossil Eocene.*			
North Carolina Dolomite			Warm Springs.....	13RB25	Nearly black, fine-gr, compact.			
North Carolina Gneiss			North Carolina Marble					
Nottla.....	12LB2	Lt-blue, fine-gr, compact Archaean.	Murphy.....	9LB4	Dark-blue, fine-gr Archaean calc.*			
Alexander.....	5LB22	Dark-gray, med-gr hornblende-biotite.	Nantahala.....	12LB34	Lt-pink, fine-gr Archaean calc.			
Greensborough.....	5LA21	Gray, coarsely porphyritic biotite.	Red Marble Gap	10RB19	Pink, fine-gr Archaean calc.*			
Henderson.....	5LA22	Pinkish-gray, med-gr biotite.	Valley Town	9RB4	Blue-black, fine-gr Archaean calc.*			
Henry's Station, McDowell Co.	5LB21	Dark-gray, coarse-gr biotite.*	North Carolina Quartz Porphyry					
North Carolina Quartzite			Charlotte.....	7LB23	White, dark-spotted, "Leopard Rock".*			
Hot Springs.....			North Carolina Quartzite					
North Carolina Sandstone			Hot Springs.....	7RA22	Purple, fine-gr, compact.			
Durham.....	8RA24	Lt-gray, fine-gr, porous Trias.*	Durham.....	8LA24	Lt-gray, fine-gr, porous Trias.*			
Do.....	8LA25	Lt purplish-brown, fine-gr, compact Trias.	Do.....	8RA25	Lt-brown, fine-gr, porous Trias.			
Egypt.....	8RA26	Lt-brown, fine-gr, porous Trias.	Morrisville.....	8RA26	Do.			
Raleigh.....	6L48	Brownish-gray, coarse-gr, porous.	Do.....	9LA25	Do.			
Do.....	6RA48	Cut from the same block as No. 6L48.	Do.....	9LA26	Do.			
Do.....	9RA24	Do.	Do.....	9RA25	Do.			
Do.....	9LA25	Do.	Sanford.....	8LA24	Lt reddish-brown, fine-gr, porous Trias.			
Do.....	9LA26	Do.	Wadesboro.....	8LA26	Brownish-purple, fine-gr, porous Trias.			

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description
North Carolina Serpentine					
Reem's Creek	9LB25	Dark brownish-green, light-green specks.	Amherst	7RB19	Lt-brown, med-gr, porous L. Carb.*
Ohio Dolomite			Do	5RB1	Do.
Bath Twp.	12RB12	Dark, fine-gr, compact, argil, bitum.*	Do	1RQ	Buff, med-gr, porous, "Berea Buff".*
Allen Co.	13RA10	Buff, fine-gr, porous, Devonian.*	Do	2RQ	Gray, med-gr, porous, "Berea Gray".*
Bellefontaine	14RB11	Dark, buff-streaked, fine-gr, compact, bitum U. Sil.*	Do	3RQ	Buff, med-gr, porous, "Berea Buff".*
Bluffton			Do	4RQ	Gray, med-gr, porous, "Berea Gray".*
Columbus Grove	14RA13	Dark-gray, fine-gr, porous, bitum U. Sil.*	Bedford	5RB3	Lt-buff, coarse-gr, porous L. Carb.*
Covington	13LB11	Buff, fine-gr, compact, siliceous U. Sil.*	Bellaire	5RA3	Gray, med-gr, porous Carb.*
Eaton	11LB12	Drab, fine-gr, porous U. Sil.*	Belleview	5RB4	Gray, coarse-gr, porous Carb.*
Euphemia	12LA10	Drab, dark-spotted, fine-gr, porous, siliceous U. Sil.	Berea	5RA9	Brown, coarse-gr, porous L. Carb.*
Do	11LA9	Lt-buff, med-gr, compact, bitum.*	Do	5RA10	Lt-gray, fine-gr, porous L. Carb.
Fremont	13LA12	Lt-gray, fine-gr, porous U. Sil.*	Do	8LB20	Buff, med-gr, porous L. Carb.*
Greenfield	14LB11	Dark-gray, fine-gr, porous, bitum U. Sil.*	Do	4L9	Lt-gray, fine-gr, porous.
Do	13RB12	Lt-gray, fine-gr, compact, bitum, U. Sil.*	Do	4R9	Do.
Holmes Twp.	12RB13	Dark-gray, fine-gr, compact Devonian.*	Do	8L48	Do.
Crawford Co.	13RA12	Drab, fine-gr, compact Devonian.*	Do	8R48	Do.
Kelley's Isl.	12RA12	Dark-gray, fine-gr, compact, bitum, U. Sil.*	Brooklyn	9RB21	Lt-buff, rust-spotted, med-gr, porous L. Carb.*
Lexington			Brownhelm	8RA21	Do.
Lima	12RA13	Dark, fine-gr, porous, argil, bitum.*	Buena Vista	5RB5	Lt-buff, med-gr, porous L. Carb.*
Do	10LA11	Dark, fine-gr, porous, bitum U. Sil.*	Cambridge	5RA4	Gray, fine-gr, porous L. Carb.*
Milton Twp.	11RA10	Gray, fine-gr, compact Devonian.*	Canal Dover	5RA15	Lt-gray, coarse-gr, porous Carb.*
Woods Co.	12LB10	Drab, fine-gr, compact U. Sil.*	Tuscarawas Co.	5RB2	Lt-gray, coarse-gr, porous Carb.*
New Paris	12LA11	Lt-gray, fine-gr, porous, bitum Devonian.*	Carrollton	7RA19	Lt-yellowish, coarse-gr, porous Sub-Carb.*
Pt. Marblehead			Columbus	5LA14	Gray, fine-gr, compact Sub-Carb.
Riley Twp.	11LB11	Dark, mottled, fine-gr, porous, bitum, U. Sil.*	Coshocton	5RA14	Red and buff streaked, coarse-gr, porous Carb.*
Putnam Co.			Cumberland	5RB7	Greenish-gray, med-gr, compacta Carb.*
Sandusky	13RB10	Lt-gray, fine-gr, porous, bitum, U. Sil.*	Do	5RB6	Gray, med-gr, porous Carb.*
Do	13LB9	Gray, fine-gr, compact, bitum Devonian.*	E. Cleveland	5RA18	Lt-buff, med-gr, porous L. Carb.*
Do	14RB13	Lt-gray, mottled, fine-gr, compact, bitum, Devonian.*	Elyria	8RA20	Buf, med-gr, porous L. Carb.*
Springfield	13RA11	Dark, coarse-gr, porous U. Sil.*	Do	7RA20	Gray, fine-gr, porous L. Carb.
Do	13LB10	Lt-gray, fine-gr, cellular, porous U. Sil.*	Euclid	5RA12	Gray, fine-gr, porous L. Carb.*
Tiffin	14LB12	Lt-buff, fine-gr, porous, bitum U. Sil.*	Glenmont	7RQ	Buf, med-gr, "Briar Hill".*
Do	14RA12	Do.	Do	7L20	Do.
Urbana	14LA13	Lt-gray, fine-gr, compact, bitum, U. Sil.*	Do	11RQ	Do.
Van Wert	10RA14	Lt-drab, fine-gr, porous U. Sil.*	Greenfield	5RA8	Gray, dark-streaked, fine-gr, compact L. Carb.*
White House	10RA13	Gray, fine-gr, porous Devonian.*	Harmer	9RB20	Greenish-gray, med-gr, porous L. Carb.*
Do	10RA15	Do.	Howard Station		
Yellow Springs	13RB11	Drab, fine-gr, cellular, fossil U. Sil.*	Knox Co.	5RA6	Yellow, brown-streaked, coarse-gr, porous L. Carb.*
Do	14LA12	Buff, fine-gr, porous, fossil U. Sil.*	Iberia	5RA2	Lt-buff, fine-gr, porous L. Carb.*
Ohio Limestone			Independence	5RB8	Gray, coarse-gr, porous L. Carb.*
Bloomville	10LA10	Gray, fine-gr, compact, mg, Devonian.*	Do	7RB20	Buff, coarse-gr, porous L. Carb.
Columbus	10LA12	Dark, fine-gr, compact, mg, Devonian.*	Kipton	5RQ	Gray, fine-gr, porous L. Carb.
Covington	13LA10	Bluish-drab, fine-gr, compact, mg, U. Sil.*	Do	7RQ	Do.
Dayton	14LB13	Lt-gray, fine-gr, compact, mg.*	Lancaster	10LB20	Bright-yellow coarse-gr, porous L. Carb.*
Do	12RA14	Bluish-drab, fine-gr, compact, mg, U. Sil.*	Do	9LA21	Do.
Hamilton	8LB8	Dark-gray, coarse-gr, compact, fossil.*	Do	6RA20	Lt-gray, coarse, friable L. Carb.*
Lumberton	11LA33	Yellow-spotted, fine-gr, porous U. Sil.*	Leesville	5RA16	Gray, fine-gr, porous L. Carb.*
Millersburg	12RB33	Dark, white-spotted, fine-gr, compact Carb.*	Lewis Mills	5RA7	Buff, coarse-gr, porous Carb.*
Newtonville	13LA40	Lt-gray, fine-gr, compact L. Carb.*	Lithopolis	5RA11	Gray, fine-gr, porous L. Carb., "Freestone".*
Piqua	14RB40	Dark, mottled, fine-gr, compact U. Sil.*	Logan	9LA22	Buff, coarse-gr, porous L. Carb.*
Piqua River	13LA11	Lt-gray, fine-gr, compact, mg.*	Mansfield	5RA19	Red, coarse-gr, porous L. Carb.*
Xenia	8RB9	Lt-gray, fine-gr, compact pyritiferous U. Sil.*	Do	9LB22	Buff, coarse-gr, porous L. Carb.*
Zanesville	12LB31	Dark, fine-gr, compact, fossil Carb.*	Marietta	5RA13	Gray, fine-gr, porous Carb.*
Ohio Marble			Do	6RB21	Buff, coarse-gr, porous Carb.*
Spring Mills	12RA29	Lt-gray, black-banded, med-gr calc.	Do	5RA5	Buff, fine-gr, porous Carb.*
Do	14LB41	Bluish-gray, med-gr calc.	Massillon	9LB23	Lt-gray, med-gr, porous Carb.*
Ohio Sandstone			Do	5RA1	Lt-brown med-gr, porous Carb.*
See also S-1, S-2, S-3, WE and EE of table 4			Do	6RQ	Lt-gray, fine-gr, porous.*
Akron	7LA19	Buff, coarse-gr, porous Carb.*	Middleburg Twp.		Med-gray, fine-gr, porous.*
Amherst	6RB20	Lt-gray, fine-gr, porous L. Carb.	Cuyahoga Co.	8RB20	Buff, med-gr, porous L. Carb.*
Do	8RB21	Lt-buff, fine-gr, porous, laminated L. Carb.*	Millersburg	6LB21	Gray, coarse-gr, porous Carb.*
			Do	5LA7	Gray, fine-gr, porous Carb.*
			Monclava	9RA21	Drab, fine-gr, porous L. Carb.*
			Mt. Gilead	5LA19	Lt-gray, fine-gr, porous L. Carb.*
			Do	6LA20	Buff, fine-gr, porous L. Carb.*
			Newark	5LB6	Lt-gray, fine-gr, porous L. Carb.*
			Do	9RA22	Pinkish-yellow, coarse-gr, porous L. Carb.*
			Newburgh	5LB5	Buff, coarse-gr, porous L. Carb.*
			Do	5LB2	Gray, coarse-gr, porous L. Carb.*
			New Lisbon	5LA13	Gray, coarse-gr, porous Carb.*
			New Philadelphia	5LB4	Buff, coarse-gr, porous Carb.*
			N. Bloomfield	5LB7	Gray, fine-gr, compact L. Carb.*
			N. Hampton	5LB1	Gray, fine-gr, porous L. Carb., "Bluestone".*
			Norwalk	5LA4	Gray, brown-banded, med-gr, porous L. Carb.*
			Do	5LA2	Lt-gray, fine-gr, porous L. Carb.*
			Peninsula	5LA3	Gray, coarse-gr, porous L. Carb.*
			Piketon	5LA9	Lt-gray, fine-gr, porous L. Carb.*
			Do	5LA5	Brown, fine-gr, porous L. Carb., "freestone".*
			Plymouth	5LA18	Lt-gray, fine-gr, porous L. Carb.*
			Portsmouth	8LA20	Lt-drab, fine-gr, porous L. Carb., "freestone".*

TABLE 1. Source, classification, and description of domestic stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description	
Portsmouth.....	7LB19	Brownish-gray, fine-gr, porous L. Carb.*	Pennsylvania Diorite			
Ridgeville.....	6RA21	Buff, med-gr, porous L. Carb.*	Reading.....	8LB19	Black and white-spotted, coarse-gr, slightly porous.	
Rockville.....	5LA15	Buff, fine-gr, porous.*	Pennsylvania Dolomite			
Steubenville Jefferson Co.	8LB21	Gray, med-gr, porous Carb.*	Carlisle.....	11RB8	Black, fine-gr, compact L. Sil., calk.*	
Do.....	8LA21	Gray, coarse-gr, porous Carb.*	Chambersburg.....	14RB9	Blue-black, fine-gr, compact, calk, L. Sil.*	
Sunbury.....	6RB39	Lt-gray, fine-gr, porous L. Carb.*	Easton.....	10LA8	Nearly black, fine-gr, compact L. Sil.*	
Do.....	6LB20	Do.	Harrisburg.....	11LB6	Do.	
Twinsburg.....	5LA10	Gray, fine-gr, porous L. Carb.*	Kirberburgh.....	14LA10	Lt-yellow, fine-gr, compact L. Sil.	
Warren.....	9LB21	Buff, coarse-gr, porous Carb.*	Leaman Place.....	14RB10	Dark blue-gray, banded, fine-gr, compact L. Sil.*	
Warwick.....	10RB22	Gray, fine-gr, porous L. Carb. flagstone.*	Mill Lane Chester Co.	14RA10	Lt-gray, fine-gr, compact L. Sil.	
Weller Twp. Richland Co.	6LA21	Buff, coarse-gr, porous Carb.*	Orbisonia.....	12LA9	Nearly black, fine-gr, compact L. Sil.*	
Windham.....	5LA6	Lt-buff, coarse-gr, porous L. Carb.*	Plymouth.....	13LA8	Lt-drab, fine-gr, compact L. Sil.	
Windsor.....	5LA11	Cream-colored, coarse-gr, porous Carb.	Potts Landing Berk's Co.	13RB9	Bluish-gray, fine-gr, compact L. Sil.	
Wooster.....	5LA16	Gray, fine-gr, porous L. Carb.*	Reading.....	11LB7	Dark-gray, banded, fine-gr, compact L. Sil.*	
Youngstown.....	5LA17	Lt-buff, med-gr, porous L. Carb.*	Valley Branch Chester Co.	13RA8	Bluish-drab, fine-gr, compact.*	
Do.....	6LB39	Gray, coarse-gr, porous Carb.*	Williams' Station Berk's Co.	12RB10	Lt-yellow, fine-gr, compact L. Sil.	
Zanesville.....	5LA8	Gray, med-gr, porous Carb.*	York.....	10RA11	Black, fine-gr, compact, calk, L. Sil.*	
Oklahoma Limestone						
Cherokee.....	9LB5	Pale-buff, med-gr, semicryst, compact.	Pennsylvania Gneiss			
Oregon Basalt						
Albany.....	10RB42	Dark-gray, med-gr, compact.	Chester.....	7LB18	Gray, coarse-gr, biotite.*	
Clackamas Station Clackamas Co.	8RA42	Gray, fine-gr, porous.*	Do.....	7LB17	Dark-gray, fine-gr biotite.*	
Oregon Diabase			Do.....	6RB18	Lt-gray, fine-gr, garnet biotite-muscovite.*	
Albany region.....	9LB39	Gray, med-gr, compact.*	Philadelphia.....	6LB18	Dark-gray, fine-gr hornblende.*	
Ashland.....	9LB38	Nearly black, fine-gr, compact.	Do.....	6RB17	Dark-gray, fine-gr biotite.*	
Oregon Sandstone			Reading.....	7RB17	Gray, coarse-gr.	
Near Albany.....	9RB38	Brown, fine-gr, porous.*	Pennsylvania Granite			
Dallas.....	11RB34	Gray-brown fine-gr, porous.	Allentown.....	6LB17	Gray, red-spotted, med-gr hornblende-biotite.	
Forest Grove.....	9LB37	Gray, fine-gr, porous.	Slesholtzville.....	7RB18	Gray-mottled, fine-gr hornblende-biotite.	
Jacksonville.....	11RB33	Gray, fine-gr, porous.	Pennsylvania Limestone			
Do.....	9LB34	Reddish-brown, fine-gr, porous.	Connellsville.....	7RA14	Lt-blue, med-gr, compact L. Carb.*	
Oakland.....	9RB37	Blue-gray, fine-gr, compact, argil.*	Cove Station Bedford Co.	11RA8	Gray, coarse-gr, compact, mg, cryst Devonian.*	
Pennsylvania Argillite (Slate)			East Conshohocken.....	7LA13	Blue-gray, med-gr, compact, micaceous L. Sil.	
Bangor.....	8LA18	Blue-black, fine-gr, roofing slate.*	Flourtown.....	14LB9	Lt-yellow, blue-spotted, fine-gr, compact L. Sil.	
Do.....	6RB15	Do.	Harrisburg.....	7RA13	Dark blue-gray, white-veined, fine-gr, compact L. Sil.	
Chapman's Station	9LB19	Blue-black, fine-gr, banded roofing slate.*	Hummelstown.....	7LA12	Blue, fine-gr, compact L. Sil.	
Lynnport.....	10LB18	Dark-gray, fine-gr slate.	Huntingdon.....	12RB32	Nearly black, fine-gr, compact.*	
Do.....	10L51	Cut from same block as 10LB18.	Hyndman.....	14LB39	Black, fine-gr, compact.*	
Do.....	10R51	Do.	Lebanon.....	7RA15	Nearly black, fine-banded, fine-gr, compact L. Sil.	
Slaterdale.....	9RA17	Dark-gray, fine-gr, slate.	Do.....	7LA16	Dark blue-gray, fine-gr, compact L. Sil.	
Slatington.....	7RA17	Blue-black, fine-gr roofing and tile slate.*	Mertztown.....	7LA15	Dark blue-gray, fine-gr, compact L. Sil.	
Do.....	10RB21	Do.	Morrell.....	8RB17	Do.	
Do.....	7LA17	Do.	Myerstown.....	13RB8	Dark-gray, coarse-gr, compact, mg L. Sil.*	
Do.....	6LB15	Do.	N. Annville.....	13RB37	Blue-gray, fine-gr, compact L. Sil.	
Do.....	10RB20	Do.	Palmyra.....	13RB36	Dark blue-gray, fine-gr, compact L. Sil.	
Pennsylvania Conglomerate			Paxton Station.....	14LB38	Do.	
Fairfield.....	9LB20	Red and gray, calc conglomerate.	Dauphin Co.	13LB39	Blue-gray, fine-gr, compact L. Sil.	
Friedensburg.....	6RB13	Dark purple, coarse-gr, porous, siliceous Potsdam.*	Richland Station Lebanon Co.	8LB17	Dark blue-gray, fine-gr, compact, cryst L. Sil.	
Pikesville.....	6RB12	Reddish-gray, compact conglomerate.*	Do.....	13RA37	Do.	
Pottsville.....	6RB11	Brown and gray, coarse, compact, siliceous.	Spruce Creek.....	14LA9	Black, fine-gr, compact, mg L. Sil.*	
Pennsylvania Diabase			Huntingdon Co.	14RA9	Dark-gray, coarse-gr, compact, fossil, mg Carb.*	
Collins Station Lancaster Co.	6LB14	Dark-gray, fine-gr, Mesozoic.*	Vanport.....	7LA14	Water-blue, dark-veined, fine-gr, compact, cryst L. Sil.	
Gettysburg.....	6LB16	Gray, fine-gr.*	Wernersville.....	7RA16	Dark blue-gray, fine-gr, compact, cryst L. Sil.	
Goldsboro.....	8LA19	Do.	Do.....			
Jacksonwald.....	6LB19	Dark-gray, fine-gr.				
Reading.....	6RB14	Nearly black, fine-gr.				
Do.....	6RB19	Dark-gray, coarse-gr.*				
Round Top Gettysburg.....	6RB16	Gray, fine-gr, porous Mesozoic.				
St. Peters.....	6RB10	Dark-gray, med-gr, compact, "St. Peters Granite".*				

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Pennsylvania Marble								
Amityville	14RB39	Brown and gray, coarse, calc breccia.*	Queens Run Clinton Co.	6LA18	Dark-gray, fine-gr, compact Devonian.*			
Avondale	11LB9	White, med-gr, dolomitic.	Reading	6LA12	Brownish-purple, med-gr, porous Trias.*			
Do	12LB9	Cut from same block as 11LB9.	Scranton	6LA5	Gray, med-gr, porous, Sub-Carb.*			
Do	12LB30	Brownish-gray, coarse micaceous.*	Do	6LA11	Buff-banded, coarse-gr, compact Devonian.*			
Bridgeport	14LB40	Lt-blue, dark-spotted, med-gr, L. Sil.*	Scottsdale	6LA6	Brown-banded, fine-gr, compact Carb.*			
Cedar Hollow Lime Co.	11LA7	Lt-gray, fine-gr mg L. Sil.	Do	9RB18	Do.			
Columbia	13RA39	Dark blue-gray, fine-gr.*	Sharon	6LB11	Buff, coarse-gr, porous Carb.*			
Do	13LA39	Do.	Schickshinny Luzerne Co.	9LA17	Blue-gray, fine-gr, compact Carb.*			
Howellsburg	13RA38	Nearly white, fine-gr L. Sil.	Do	6LB4	Dark-gray, coarse-gr, compact Carb.*			
Lancaster	13LB8	Black, fine-gr, compact, L. Sil. dolomite.*	Skinner's Eddy	6LA17	Lt blue-gray, fine-gr, compact Devonian.*			
Morristown	12RB31	White, fine-gr L. Sil.	Stoneboro	6LA10	Lt-brown, coarse-gr, porous Carb.*			
Pine Grove Schuylkill Co.	14RB38	Dark-gray, mottled, fine-gr L. Sil.	Stoop's Ferry	10LB19	Gray, fine-gr, porous, argil Carb.*			
West Grove Chester Co.	11RA34	White, med-gr, dolomitic.	Titusville	6LA16	Lt-buff, fine-gr, porous Carb.*			
Do	13LA38	White, marked with gray, med-gr, dolomitic.	Uniontown	9RA20	Buff, fine-gr, porous Sub-Carb.*			
Wrightsville	12RA10	Nearly white, fine-gr, dolomitic L. Sil.*	Wampum	6LA4	Buff, coarse-gr, porous Carb.*			
York	14LB10	Pink and white, fine-gr, compact, mg L. Sil.*	Warren	6LB10	Brown, fine-gr, compact Carb.*			
Pennsylvania Sandstone								
See also S-1, EE, and WE of table 4								
Pennsylvania Quartz								
Pine Grove	6LA19	Dull-red, coarse-gr, quartz porphyry.	Pennsylvania Quartzite					
Huntingdon	6RB1	Lt-gray, fine-gr.*	Huntingdon	6RB1	Lt-gray, fine-gr.*			
Jacksonwald	6RA19	Lt-gray, fine-gr, compact.*	Jacksonwald	6RA19	Lt-gray, fine-gr, compact.*			
Mapleton	7LA18	Lt-gray, fine-gr, compact, U. Sil.*	Mapleton	7LA18	Lt-gray, fine-gr, compact, U. Sil.*			
Pennsylvania Serpentine								
Chester	6RB9	Green, coarse-gr, impure.*	Chester	6RB9	Green, coarse-gr, impure.*			
W. Chester	10LB16	Do.	W. Chester	10LB16	Do.			
Do	8LB18	Do.	Do	8LB18	Do.			
Pennsylvania Soapstone								
Montgomery Co.	10LB17	Gray, dark-mottled, coarse-gr, compact.*	Montgomery Co.	10LB17	Gray, dark-mottled, coarse-gr, compact.*			
Do	7RB16	Do.	Do	7RB16	Do.			
Rhode Island Gneiss								
Diamond Hill	10LA48	Greenish-gray, fine-gr, hornblende.*	Diamond Hill	10LA48	Greenish-gray, fine-gr, hornblende.*			
Rhode Island Granite								
Niantic	5RA46	Gray, fine-gr biotite.*	Niantic	5RA46	Gray, fine-gr biotite.*			
Smithfield	10RA46	Pink, coarse-gr biotite.*	Smithfield	10RA46	Pink, coarse-gr biotite.*			
Westerly	5LA46	Pink, fine-gr biotite.*	Westerly	5LA46	Pink, fine-gr biotite.*			
Do	4RB18	Lt-gray, fine-gr biotite.*	Do	4RB18	Lt-gray, fine-gr biotite.*			
West Greenwich	10LB48	Lt-pink, coarse-gr biotite.*	West Greenwich	10LB48	Lt-pink, coarse-gr biotite.*			
Do	10RB47	Do.	Do	10RB47	Do.			
South Carolina Granite								
Aiken Co.	5LA39	Gray, fine-gr biotite.	Aiken Co.	5LA39	Gray, fine-gr biotite.			
Do	6LA41	Dark-gray, coarse-gr biotite.	Do	6LA41	Dark-gray, coarse-gr biotite.			
Batesburg	6RB42	Dark-gray, med-gr biotite.	Batesburg	6RB42	Dark-gray, med-gr biotite.			
Charleston	5LB39	Gray, fine-gr biotite.	Charleston	5LB39	Gray, fine-gr biotite.			
Columbia	5RB40	Gray, med-gr biotite.	Columbia	5RB40	Gray, med-gr biotite.			
Edgefield Co.	6LB41	Gray, fine-gr biotite.	Edgefield Co.	6LB41	Gray, fine-gr biotite.			
Fairfield Co.	5RB41	Gray, med-gr biotite.	Fairfield Co.	5RB41	Gray, med-gr biotite.			
Do	5LB40	Gray, fine-gr biotite.	Do	5LB40	Gray, fine-gr biotite.			
Greenville	5LA40	Dark-gray, fine-gr biotite.	Greenville	5LA40	Dark-gray, fine-gr biotite.			
Newberry Co.	5RA41	Gray, fine-gr biotite.	Newberry Co.	5RA41	Gray, fine-gr biotite.			
Rion	5RA40	Gray, med-gr biotite.*	Rion	5RA40	Gray, med-gr biotite.*			

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description
South Carolina Marble					
Unknown.....	11LA34	Lt blue-gray, dark-banded, med-gr calc.	Calhoun.....	14LB5	Pinkish-gray, coarse, mg L. Sil.*
Poor Mountain	13LB41	Grayish-white, coarse-gr.	Do.....	13LA3	Pinkish-gray, coarse, fossil, mg L. Sil.*
South Dakota Quartzite					
Sioux Falls.....	10LB40	Reddish, fine-gr, compact.*	Cleveland.....	11RA4	Pink, coarse, mg, L. Sil.*
Do.....	9LB35	Lt-reddish, fine-gr, Potsdam.*	Do.....	12LA5	Do.
South Dakota Sandstone See also 7WE of table 4			Douglas Co.....	8RB4	Olive-green, coarse, fossil L. Sil.*
Hot Springs	11RB26	Pink, med-gr, porous.*	Doughertyville	3L13	Reddish-brown, med-gr, fossil L. Sil.
South Dakota Travertine			Do.....	3R13	Cut from the same block as 3L13.
Pringle.....	11LA31	White yellow-banded, med-gr travertine.	Knoxville.....	10LB3	Variegated, med-gr, fossil L. Sil.
Tennessee Conglomerate			Do.....	3L12	Pinkish-gray, med-gr, fossil L. Sil.
Ocoee River Polk Co.....	11RA39	Greenish-gray, fine-gr, compact.	Do.....	3R12	Cut from the same block as 3L12.
Tennessee Gneiss			Do.....	11LA28	Pink, med-gr, fossil.
Owen's Bluff Polk Co.....	11RA35	Black and white-spotted, coarse, siliceous.	Do.....	11RA32	Cut from the same block as 11LA28.
Wolf Creek Cocke Co.....	10RA48	Gray and pink, fine-gr, compact conglomerate.	Do.....	9RB3	Pink, med-gr, fossil L. Sil.*
Tennessee Granite			Do.....	11LA24	Lt-gray, med-gr, fossil L. Sil.
Carter Co. S. E. part.....	10RA49	Gray, coarse-gr hornblende.	Do.....	13RB29	Pink, med-gr, fossil L. Sil.
Rip Shin Mt.....	11RA36	Pink, med-gr biotite.	Do.....	13LA28	Pink, med-gr, fossil L. Sil.*
Tennessee Limestone			Do.....	13RB28	Pink, med-gr, fossil Trenton.*
Carter's Station Creek.....	14RA28	Lt-gray, coarse-gr, compact, fossil.	Do.....	13RB28	Pink, med-gr, fossil L. Sil.*
Cowan.....	13LB27	Gray, med-gr, compact, oolitic.	Do.....	14LA28	Variegated, med-gr, fossil L. Sil.*
Columbia.....	14RB28	Lt-gray, med-gr, compact, fossil.	Do.....	8RA5	Pink, med-gr L. Sil.*
Davidson Co.....	14LB28	Gray, med-gr, porous, fossil L. Sil.*	Do.....	12LB24	Pink and gray, med-gr L. Sil.
Knoxville.....	12RA5	Brown, gray-mottled, coarse-gr, compact, mg L. Sil.*	Do.....	12RB25	Cut from the same block as 12LB24.
Do.....	4LB11	Pinkish-gray, med-gr, cryst, compact L. Sil.	Do.....	4LB18	Pink, veined with gray, med-gr.
Do.....	4RB11	Do.	Do.....	5LQ	Pink, med-gr calc, "Bond Pink".*
Lebanon Pike	12RB24	Dark-gray, med-gr, compact, cryst, fossil L. Sil.*	Do.....	7LQ	Gray, med-gr calc, "Appalachian Silver Gray".*
Murfreesborough..	12RB5	Dark-gray, fine-gr, compact, mg, fossil L. Sil.	Do.....	9LQ	Pink, med-gr calc, "Craig Edward Medium Pink".*
Nashville.....	11RA28	Gray, med-gr, compact, fossil, L. Sil., "Capitol Quarry".*	Do.....	11LQ	Gray, med-gr calc, "Gray Knox Quaker Gray".*
Do.....	13LA27	Do.	Do.....	13LQ	Pink, med-gr calc, "Ross Pink".*
Do.....	12RA23	Black, fine-gr, compact, argil, fossil.*	Do.....	11LA26	Do.
Do.....	13RA27	Buff, coarse, cellular, fossil.*	Do.....	11RA30	Cut from the same block as 11LA26.
Do.....	14RA27	Dark-gray, med-gr, compact, fossil L. Sil.*	Do.....	11LA27	Gray, med-gr calc.*
Nolensville Pike ..	10LA6	Brownish-gray, fine-gr, compact, mg, fossil L. Sil.*	Do.....	11RA31	Cut from the same block as 11LA27.
Do.....	8RA4	Buff, fine-gr, porous L. Sil.	Do.....	2L4	Pink, dark crowfoot veins, coarse-gr calc.*
Rogersville.....	11LA25	Brown, gray-mottled, coarse-gr, compact L. Sil.*	Do.....	2R4	Cut from the same block as 2L4.
Sherwood Station ..	11RA29	Lt-gray, fine-gr, compact, oolitic.*	Do.....	10LB4	Pink, med-gr calc.*
Tennessee Marble			Meadow.....	13RA28	Pinkish-gray, med-gr, fossil L. Sil.
See also S-2, and EE of table 4			Morristown.....	8LA4	Buff and gray, med-gr, fossil L. Sil.
Calhoun.....	13RB3	Pink, med-gr, mg L. Sil.*	Mooresburgh.....	8LA5	Lt-gray, med-gr, mg.*
Do.....	13RA3	Do.	Do.....	9LB3	Variegated, med-gr, L. Sil.*
Do.....	13LB3	Do.	Quarryville.....	3L4	Variegated, med-gr, fossil L. Sil.*
Do.....	10RA8	Pink, buff-mottled, coarse, brecciated, mg L. Sil.*	Rogersville.....	3R4	Brown, gray-spotted, coarse calc.
Tennessee Sandstone			Do.....	8LB4	Cut from the same block as 3L4.
See also S-1 and S-2 of table 4			Do.....	12LB4	Variegated, med-gr, fossil L. Sil.*
Cater's Creek Davidson Co.....	11LA39	Dark-gray, fine-gr, compact.	Do.....	8LB5	Brown, gray-mottled, coarse, mg, fossil L. Sil.*
Church Mt.....	11RB41	Do.	Do.....	9LB2	Variegated, med-gr L. Sil.*
Granger Co.....	11RA38	Drab, fine-gr, compact.	Do.....	14RB29	Variegated, med-gr, fossil L. Sil.*
Ducktown.....	11LA38	Red, coarse-gr, porous, ferrug.	Do.....	14LA27	Do.
Parksville.....	11LA38	Brown, coarse-gr, porous.	Do.....	11LB23	Brown, med-gr, fossil Niagara.*
Sewanee.....	11RA37	Lt-buff, med-gr, porous.*	Whitesburg.....	8RB5	Variegated, med-gr, fossil L. Sil.*
Do.....	11LA40	Do.			
Tennessee Syenite					
Hiwassee copper mines.....	10RA47	Gray, green-spangled, med-gr hornblende.			
Texas Diorite					
El Paso.....	6RA32	Lt greenish-gray, med-gr.			
Texas Dolomite					
Burnet.....	11RB2	Dull-red, variegated, fine-gr, compact.			
San Saba.....	14LA4	Buff, fine-gr, compact.			

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Texas Granite See also S-2, 87 of table 4								
Burnet	6LB32	Red, coarse-gr, biotite.*	Castleton	5RA44	Blue-black, fine-gr, rough-texture roofing slate.*			
Do	7RB29	Red, fine-gr biotite.	Fair Haven	5LA44	Red, fine-gr, rough-texture roofing and tile.*			
Kingsland	9B	Pink, coarse-gr biotite.*	Vermont Argillite (Slate)					
Nr. Llano	5LA30	Gray, coarse-gr biotite.	Vermont Granite					
Do	6RB31	Do.	See also S-2, 47 and S-2, 93 of table 4					
Do	6LA32	Pink, med-gr biotite.	Barre	6RB46	Lt-gray, fine-gr biotite.*			
Texas Limestone See also S-2, 2, 3, 127 and 2WE of table 4			Bethel	6LB46	White, med-gr muscovite.*			
Austin	11RB3	Lt-buff, fine-gr, compact, mg Cret.*	Brattleboro	6LB47	Lt-gray, fine-gr biotite.			
Do	12LA4	Lt-buff, fine-gr, compact, mg Cret.	Brunswick	6RB45	Gray, fine-gr biotite.*			
Do	13LB26	Gray-buff, coarsely fossil, compact Cret.	Newark	6RA45	Pink, coarse-gr biotite.			
Do	13RB23	Lt-gray, fine-gr, compact.*	Ryegate	6RB47	Gray, fine-gr biotite-muscovite.*			
Burnet	8RB13	Drab, fine-gr, compact.*	Do	5LA45	Gray, coarse-gr biotite-muscovite.*			
Cedar Park	3C	Lt-buff, fine-gr, porous, oolitic, "Cordova Cream".*	Woodbury	10RA45	Gray, med-gr biotite.*			
Do	15C	Lt-buff, fine-gr, cellular, large shells, "Cordova Shell".*	Vermont Limestone					
Do	10RA20	Do.	Isle La Motte	13LA1	Dark-gray, fine-gr, fossil, mg.*			
Do	10LA26	Cut from the same block as 10RA20.	Vermont Marble					
Do	13LB47	Do.	See also S-2, 135 to 138 of table 4					
Do	13RB47	Do.	Brandon	4LA15	White, dark veins, med-gr calc.*			
Do	14LA48	Lt-buff, fine-gr, porous, oolitic, "Cordova Cream."	Do	4RA15	Cut from the same block as 4LA15.			
Do	14RA48	Cut from the same block as 14LA48.	Do	4LA12	White, green and gray veins, med-gr calc.*			
Round Rock	14LB27	Lt-buff, fine-gr, compact Cret.*	Do	4RA12	Cut from the same block as 4LA12.			
San Saba	13LA26	Do.	Do	2L1	Lt bluish-gray, dark-veined calc.*			
Texas Marble			Do	2R1	Cut from the same block as 2L1.			
Austin	8RB14	Buff, fine-gr, fossil.*	Center Rutland	13RB19	White, gray-veined, fine-gr, L. Sil. calc.			
Burnet	8LB12	Pink-veined, fine-gr.*	Do	13RB21	Cut from the same block as 13RB19.			
Do	13RB22	Blue-gray, med-gr.	Do	12LA19	Do.			
San Saba	8LB13	Nearly white, fine-gr.*	Do	12RA20	Do.			
Do	11RA20	Lt-gray, coarse-gr Cret.*	Do	4LA20	Do.			
Texas Sandstone			Do	4RA20	Do.			
Back Bone Valley	8RB32	Brown, coarse-gr, porous, ferrug L. Sil.	Do	13LB17	White, gray-veined, fine-gr, L. Sil. calc.			
Burnet	7RA30	Brown, coarse-gr, compact L. Sil., calk.	Do	13LB19	Cut from the same block as 13LB17.			
Mormon Mills	10RB31	Gray, med-gr, porous Carb., calk.	Do	12LB19	Do.			
Milsap	7RB30	Reddish-brown, fine-gr, porous.*	Do	12RB19	White, dark veins, med-gr, calc., "Highland Gray Danby".*			
Do	8RA32	Do.	Do	4LA21	Cut from the same block as 11LB17.			
Pecos	8LA32	Red, fine-gr, compact.	Do	4RA21	White, med-gr, calc., "Imperial Yellow Danby".*			
Do	10LB33	Do.	Do	4LA13	Cut from the same block as 11LA19.			
Do	7LB30	Do.	Do	4RA13	White, yellow-clouded, med-gr, calc., "Imperial Danby Building and Memorial Grade".*			
Range	7LA30	Do.	Do	11LA19	Do.			
Riverside	9LA32	Greenish-gray, fine-gr, porous.*	Do	11LB17	White, dark veins, med-gr calc.			
	8LB32	Gray, coarse-gr, porous.	Do	11RB17	Cut from the same block as 4LA13.			
Utah Dolomite			Do	12LA18	Do.			
San Pete Valley	11LB13	Dark, gray-mottled, fine-gr, compact, fossil.	Do	12RA19	White, dark-clouded, med-gr, calc., "Danby D Building Grade".*			
Utah Limestone			Do	2L5	White, dark-veined, med-gr, calc., "Danby D Building Grade".*			
Ephriam	8RB15	Lt-gray, fine-gr, porous, "San Pete Stone".*	Do	2R5	White, dark-veined, med-gr, calc., "Danby D Building Grade".*			
Payson	11RB25	Drab, fine-gr, compact.	Do	3L1	White, dark-veined, med-gr, calc., "Danby D Building Grade".*			
Utah Marble			Do	3R1	White, dark-veined, med-gr, calc., "Danby D Building Grade".*			
Beaver Co.	12LB11	White, fine-gr calc.	Do	3L3	White, dark-veined, med-gr, calc., "Danby D Building Grade".*			
Clinton	8LB14	Gray and brown variegated, coarsely fossil calc.*	Do	3R3	Do.			
Do	13LB36	Buff, brown-mottled, fine-gr, fossil.*	Do	2L8	Lt bluish-gray, dark-veined, med-gr calc., "Danby Highland Building Grade".*			
Payson	13RB33	Lt-gray, variegated, fine-gr calc.	Do	2R8	Do.			
Utah Sandstone			Do	2L7	White, dark-veined, med-gr, calc., "Danby J Building Grade and Riverside Danby Memorial Grade".*			
Red Butte	11LB32	Lt-pink, fine-gr, porous.	Do	2R7	Do.			
			Do	2L6	White, dark-veined, med-gr calc.			
			Do	2R6	Cut from the same block as 2L6.			
			Dorset	14LB18	White, med-gr, L. Sil. calc.			
			Do	10RA19	Do.			
			Dorset Mt.	13RA17	White, med-gr, L. Sil. calc., "Imperial Danby".*			
			E. Dorset	12RB3	White, blue-veined, med-gr, mg L. Sil.*			
			Florence	2L3	Lt-gray, dark-veined, med-gr, calc., "Sterling PV Memorial Grade".*			
			Do	2R3	Do.			
			Do	2L12	Lt-gray, dark and white-clouded, med-gr calc., "Standard PV Memorial Grade".*			
			Do	2R12	Do.			
			Do	2L2	Lt-gray, dark-clouded, med-gr calc., "Sterling PV Memorial Grade".*			
			Do	2R2	Do.			

TABLE 1. *Source, classification, and description of domestic stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description																																																																																																																																																																																																																																																																																																									
Washington Marble																																																																																																																																																																																																																																																																																																														
Lincoln Co.	10LA1	White, med-gr dolomitic.*	Amberg.....	7RB44	Red and white, coarse-gr biotite.*																																																																																																																																																																																																																																																																																																									
Do.	10RA2	Pale-pink, coarse-gr mg.*	Lohrville.....	7RA43	Pinkish-gray, fine-gr biotite.*																																																																																																																																																																																																																																																																																																									
Stevens Co.	11RA2	Blue-gray, white-spotted, fine-gr, dolomitic.	Wausau.....	8LB44	Buff, fine-gr biotite.*																																																																																																																																																																																																																																																																																																									
Washington Sandstone																																																																																																																																																																																																																																																																																																														
Bellingham.....	11RB42	Gray, fine-gr, compact, "Chuckanut".*	Do.....	8LA44	Dark-red, fine-gr hornblende.*																																																																																																																																																																																																																																																																																																									
Do.....	11LB41	Gray, med-gr, porous, "Chuckanut".*	Wisconsin Granite																																																																																																																																																																																																																																																																																																											
Do.....	8RA46	Gray, fine-gr, porous, Carb.*	Do.....	8RA45	Gray, med-gr, compact, "Chuckanut".*	Hayton.....	8LB15	Lt-drah, fine-gr, compact, cellular.*	Olympia.....	8LA45	Dark-gray, med-gr, compact.*	Madison.....	8RB16	Buff, fine-gr, porous L. Sil.*	Pittsburgh.....	8LB46	Lt-gray, med-gr, compact, micaceous.	Prairie du Chien	12LB29	Lt-buff, fine-gr, compact.*	Tenino.....	8RB46	Lt-brown, coarse-gr, porous.*	Wisconsin Limestone						Do.....	9LB43	Gray, med-gr, porous.*	Wisconsin Quartzite						Wilkeson.....	8LA46	Lt-gray, med-gr, compact calc.*	Stevens Point.....	7RB43	Lt-gray, fine-gr, compact.	West Virginia Marble			Waterloo.....	7LA43	Gray, coarse-gr.*	Harpers Ferry....	8RB8	Nearly black, yellow-veined, fine-gr.	Do.....	6RA47	Gray, coarse-gr, compact paving stone.*	West Virginia Sandstone			Wisconsin Quartz Porphyry						Berkeley Springs..	10RB37	Dull-red, fine-gr, compact.	Brandon.....	11RB40	Nearly black, coarse-gr, compact.*	Charleston.....	8RA39	Gray, med-gr, compact Carb.*	Marquette.....	10RB49	Dark-gray, coarse-gr, compact.*	Do.....	9RB35	Lt-buff, coarse-gr, porous Carb.*	Wisconsin Sandstone						Grafton.....	10LB37	Lt-buff, coarse-gr, porous Carb.	Ableman.....	9RB41	Lt-buff, fine-gr, compact L. Sil.	Kingwood.....	9LA34	Buff, rust-spotted, med-gr, porous.*	Do.....	10RB48	Lt-buff, fine-gr, porous, friable L. Sil.*	Do.....	9RA36	Cut from same block as 9LA34.	Grand Rapids.....	9LB42	Lt-buff, fine-gr, compact L. Sil.*	Parkersburg.....	8LA40	Greenish-gray, med-gr, porous Carb.*	Mauston.....	10LB47	Lt-red, fine-gr, porous L. Sil.*	Rowlesburgh.....	8LB40	Dark-gray, fine-gr, compact Devonian.*	Do.....	10LB46	Lt-gray, fine-gr, porous L. Sil.*	Wheeling.....	8LB39	Gray, med-gr, porous Carb.*	Packwaukee.....	8RB45	Lt-buff, med-gr, porous L. Sil.*	Wisconsin Dolomite						Buffalo Co.	11RB4	Lt-buff, fine-gr, compact L. Sil.*	Wyoming Diorite						Do.....	14RA5	Yellowish-gray, fine-gr, porous L. Sil.*	Raw Hide Buttes	9RA40	Nearly black, fine-gr, compact.	Byron.....	10RA9	Lt-gray, fine-gr, compact U. Sil.*	Wyoming Granite						Do.....	13RB4	Lt-gray, fine-gr, compact U. Sil.*	Dale Creek.....	10LA47	Red, coarse-gr biotite.*	Duck Cr. Station	12LA6	Drab, fine-gr, compact L. Sil.*	Sherman.....	10RA42	Pink, fine-gr biotite.	Brown Co.	14RB5	Lt-drab, fine-gr U. Sil.*	Do.....	10RA43	Red, fine-gr biotite.	Eden.....	14LA5	Lt-gray, fine-gr compact.*	Wyoming Marble						Fon du Lac.....	11LB2	Lt-gray, fine-gr, compact U. Sil.*	Wheatland.....	12LA12	White, med-gr dolomitic.	La Crosse.....	13LA5	Lt-buff, fine-gr, porous L. Sil.*	Wyoming Sandstone						Manitowoc.....	12RB6	Drab, fine-gr, compact U. Sil.*	See also S-2, 1, S-2, 126, and 26WE of table 4						Milwaukee.....	12RA6	Lt-drab, fine-gr, compact U. Sil.*	Laramie.....	9LB44	Lt-red, fine-gr, porous.	Do.....	13RA4	Drab, fine-gr, compact Sil.*	Rawlins.....	9RA39	Lt-gray, fine-gr, porous, calk.	Neenah.....	14RA6	Dark-gray, fine-gr, compact L. Sil.*							Oshkosh.....	10LA5	Do.							Racine.....	13LB4	Lt-drab, fine-gr, cellular U. Sil.*							River Falls.....	13LA4	Buff, fine-gr, compact L. Sil.*							Pierce Co.	14LA6	Lt-gray, fine-gr, compact U. Sil.*							Taycheedah Twp.	11LA3	Drab, fine-gr, compact U. Sil.*							Fon du Lac Co.									Waukesha.....									Wisconsin Gneiss						Black River Falls ..	8LB45	Reddish, fine-gr biotite.						
Do.....	8RA45	Gray, med-gr, compact, "Chuckanut".*	Hayton.....	8LB15	Lt-drah, fine-gr, compact, cellular.*																																																																																																																																																																																																																																																																																																									
Olympia.....	8LA45	Dark-gray, med-gr, compact.*	Madison.....	8RB16	Buff, fine-gr, porous L. Sil.*																																																																																																																																																																																																																																																																																																									
Pittsburgh.....	8LB46	Lt-gray, med-gr, compact, micaceous.	Prairie du Chien	12LB29	Lt-buff, fine-gr, compact.*																																																																																																																																																																																																																																																																																																									
Tenino.....	8RB46	Lt-brown, coarse-gr, porous.*	Wisconsin Limestone																																																																																																																																																																																																																																																																																																											
Do.....	9LB43	Gray, med-gr, porous.*	Wisconsin Quartzite																																																																																																																																																																																																																																																																																																											
Wilkeson.....	8LA46	Lt-gray, med-gr, compact calc.*	Stevens Point.....	7RB43	Lt-gray, fine-gr, compact.																																																																																																																																																																																																																																																																																																									
West Virginia Marble			Waterloo.....	7LA43	Gray, coarse-gr.*																																																																																																																																																																																																																																																																																																									
Harpers Ferry....	8RB8	Nearly black, yellow-veined, fine-gr.	Do.....	6RA47	Gray, coarse-gr, compact paving stone.*																																																																																																																																																																																																																																																																																																									
West Virginia Sandstone			Wisconsin Quartz Porphyry																																																																																																																																																																																																																																																																																																											
Berkeley Springs..	10RB37	Dull-red, fine-gr, compact.	Brandon.....	11RB40	Nearly black, coarse-gr, compact.*																																																																																																																																																																																																																																																																																																									
Charleston.....	8RA39	Gray, med-gr, compact Carb.*	Marquette.....	10RB49	Dark-gray, coarse-gr, compact.*																																																																																																																																																																																																																																																																																																									
Do.....	9RB35	Lt-buff, coarse-gr, porous Carb.*	Wisconsin Sandstone																																																																																																																																																																																																																																																																																																											
Grafton.....	10LB37	Lt-buff, coarse-gr, porous Carb.	Ableman.....	9RB41	Lt-buff, fine-gr, compact L. Sil.																																																																																																																																																																																																																																																																																																									
Kingwood.....	9LA34	Buff, rust-spotted, med-gr, porous.*	Do.....	10RB48	Lt-buff, fine-gr, porous, friable L. Sil.*																																																																																																																																																																																																																																																																																																									
Do.....	9RA36	Cut from same block as 9LA34.	Grand Rapids.....	9LB42	Lt-buff, fine-gr, compact L. Sil.*																																																																																																																																																																																																																																																																																																									
Parkersburg.....	8LA40	Greenish-gray, med-gr, porous Carb.*	Mauston.....	10LB47	Lt-red, fine-gr, porous L. Sil.*																																																																																																																																																																																																																																																																																																									
Rowlesburgh.....	8LB40	Dark-gray, fine-gr, compact Devonian.*	Do.....	10LB46	Lt-gray, fine-gr, porous L. Sil.*																																																																																																																																																																																																																																																																																																									
Wheeling.....	8LB39	Gray, med-gr, porous Carb.*	Packwaukee.....	8RB45	Lt-buff, med-gr, porous L. Sil.*																																																																																																																																																																																																																																																																																																									
Wisconsin Dolomite																																																																																																																																																																																																																																																																																																														
Buffalo Co.	11RB4	Lt-buff, fine-gr, compact L. Sil.*	Wyoming Diorite																																																																																																																																																																																																																																																																																																											
Do.....	14RA5	Yellowish-gray, fine-gr, porous L. Sil.*	Raw Hide Buttes	9RA40	Nearly black, fine-gr, compact.																																																																																																																																																																																																																																																																																																									
Byron.....	10RA9	Lt-gray, fine-gr, compact U. Sil.*	Wyoming Granite																																																																																																																																																																																																																																																																																																											
Do.....	13RB4	Lt-gray, fine-gr, compact U. Sil.*	Dale Creek.....	10LA47	Red, coarse-gr biotite.*																																																																																																																																																																																																																																																																																																									
Duck Cr. Station	12LA6	Drab, fine-gr, compact L. Sil.*	Sherman.....	10RA42	Pink, fine-gr biotite.																																																																																																																																																																																																																																																																																																									
Brown Co.	14RB5	Lt-drab, fine-gr U. Sil.*	Do.....	10RA43	Red, fine-gr biotite.																																																																																																																																																																																																																																																																																																									
Eden.....	14LA5	Lt-gray, fine-gr compact.*	Wyoming Marble																																																																																																																																																																																																																																																																																																											
Fon du Lac.....	11LB2	Lt-gray, fine-gr, compact U. Sil.*	Wheatland.....	12LA12	White, med-gr dolomitic.																																																																																																																																																																																																																																																																																																									
La Crosse.....	13LA5	Lt-buff, fine-gr, porous L. Sil.*	Wyoming Sandstone																																																																																																																																																																																																																																																																																																											
Manitowoc.....	12RB6	Drab, fine-gr, compact U. Sil.*	See also S-2, 1, S-2, 126, and 26WE of table 4																																																																																																																																																																																																																																																																																																											
Milwaukee.....	12RA6	Lt-drab, fine-gr, compact U. Sil.*	Laramie.....	9LB44	Lt-red, fine-gr, porous.																																																																																																																																																																																																																																																																																																									
Do.....	13RA4	Drab, fine-gr, compact Sil.*	Rawlins.....	9RA39	Lt-gray, fine-gr, porous, calk.																																																																																																																																																																																																																																																																																																									
Neenah.....	14RA6	Dark-gray, fine-gr, compact L. Sil.*																																																																																																																																																																																																																																																																																																												
Oshkosh.....	10LA5	Do.																																																																																																																																																																																																																																																																																																												
Racine.....	13LB4	Lt-drab, fine-gr, cellular U. Sil.*																																																																																																																																																																																																																																																																																																												
River Falls.....	13LA4	Buff, fine-gr, compact L. Sil.*																																																																																																																																																																																																																																																																																																												
Pierce Co.	14LA6	Lt-gray, fine-gr, compact U. Sil.*																																																																																																																																																																																																																																																																																																												
Taycheedah Twp.	11LA3	Drab, fine-gr, compact U. Sil.*																																																																																																																																																																																																																																																																																																												
Fon du Lac Co.																																																																																																																																																																																																																																																																																																														
Waukesha.....																																																																																																																																																																																																																																																																																																														
Wisconsin Gneiss																																																																																																																																																																																																																																																																																																														
Black River Falls ..	8LB45	Reddish, fine-gr biotite.																																																																																																																																																																																																																																																																																																												

TABLE 2. *Source, classification, and description of foreign stones in south face of wall*

[For identification of samples in wall, see section 8. Trade names are enclosed in quotation marks, geological terms are capitalized and a star (*) at end of line signifies that the stone has been used commercially.]

ABBREVIATIONS

argil.	argillaceous.	med.	medium.
calc.	calcite.	mg.	magnesian.
calk.	calcareous.	Mt.	Mountain.
Carb.	Carboniferous.	Ord.	Ordinary.
cryst.	crystalline.	Prov.	Province.
Dist.	District.	Qual.	Quality.
ferrug.	ferruginous.	S.	South.
fossil.	fossiliferous.	St.	Saint.
gr.	grain.	Trav.	Travertine.
Lt.	light.		

Specific source	Wall No.	Description	Specific source	Wall No.	Description
Argentine Building Stones					
Unknown	10LB15	Lt-olive, brown-spotted marble.	Adnet	7RB12	Red and brown, fine-gr, fossil calc.
Do	10RB16	Dark-gray, med-gr marble.	Do	7RB14	Gray and brown, med-gr, fossil calc.
Do	5LB46	Dull-red and white, coarse-gr serpentine.	Do	14RA36	Yellowish-red, fine-gr, fossil calc.
Australian Granite			Do	7RB5	Reddish-brown, med-gr, fossil calc.
New South Wales	1R6	Black and white, coarse-gr biotite.	Do	14RB30	Dark purplish veined with white, med-gr calc.
Australian Marble			Do	6LA1	Lt-buff, fine-gr, fossil, mg.
New South Wales	3L10	Gray, yellow and white-mottled, med-gr calc.	Do	14LA35	Yellow, white and purple, coarse-gr calc.
Do	3R10	Cut from the same block as 3L10.	Do	13LB30	Lt-brown with white fossils, fine-gr calc.
Do	3L2	White, greenish and yellow-veined, med-gr calc.	Do	13LA29	Red, white and yellow, fine-gr calc.
Do	7RA3	Gray-variegated, fine-gr calc.	Do	13RA29	Greenish-gray, white-spotted, fine-gr calc.
Do	14RA19	Grayish-white, fine-gr.	Castione	7RB3	Lt-buff, fine-gr calc.
Do	14LA19	Black, fine-gr, fossil calc.	Do	14RA34	Pale-yellow, fine-gr calc.
South Australia	10LA17	Gray, med-gr calc.	Do	14RA33	Pinkish, yellow-veined, fine-gr calc.
Do	7RA2	Brownish-white with brown veins, med-gr.	Do	14LB33	Yellow and purple-streaked, fine-gr calc.
Do	14RA20	Gray and white-mottled and veined, med-gr.	Do	13RA30	Do.
Do	7LA1	Buff and gray-mottled, med-gr.	Do	14LA30	Pinkish-yellow, fine-gr calc.
Australian Sandstone			Do	14LB30	Pinkish-buff, variegated, fine-gr calc.
New South Wales	4L7	Pinkish-buff, med-gr, porous.	Do	13RB30	Brown-variegated, veined calc.
Do	4R7	Cut from the same block as 4L7.	Do	14LB31	Brown, gray-mottled and veined calc.
Do	9LB26	Pinkish-buff, coarse-gr, porous.	Do	14LB32	Pink, yellow and gray mottled calc.
Do	9RA26	Cut from the same block as 9LB26.	Do	7RB10	Yellow, purple-mottled, fine-gr.
Do	9LA27	Do.	Do	14RA32	Do.
Do	9LB27	Do.	Do	14LA31	Pale-pink, mottled, fine-gr.
Do	9RB24	Do.	Do	14LA36	Yellow, purple-mottled, fine-gr.
Do	9RB25	Do.	Do	6LA2	Do.
Do	4L8	Lt-buff, coarse-gr, porous.	Do	14LB32	Red, fine-gr.
Do	4R8	Cut from the same block as 4L8.	Do	14LA29	Reddish-brown, variegated calc.
Austrian Conglomerate			Do	13LA30	Pink and yellow-veined, fine-gr calc.
Lindabrunn	5LB27	Lt-yellow, coarse-gr, porous, calk.	Do	14LA34	Pink and white-veined, fine-gr calc.
Austrian Granite			Do	13LD31	Pink and buff-mottled, fine-gr calc.
Crasstein	5RB29	Black and white, med-gr, biotite.	Do	14RA35	Pink, gray-mottled, fine-gr calc.
Neuhauß	5LB26	Gray, fine-gr, biotite granite.	Do	7LB7	Pink, yellow and white, fine-gr, brecciated.
Austrian Limestone			Do	7LB2	Pink, gray-mottled, fine-gr calc.
Mokritz	14RA29	Buff, fine-gr, porous fossil.	Do	7LB3	Pale pinkish-yellow, brecciated, coarse-gr calc.
Austrian Marble			Do	7LB13	Light drab, fine-gr calc.
Adnet	7RB9	Gray, white and yellow-mottled, coarse-gr.	Do	7LB8	Gray and brown, med-gr calc.
Do	14RA30	Brown, white-mottled, fine-gr calc.	Do	7LB1	Gray and white, coarsely, fossil calc.
Austrian Marble			Do	7LB12	Do.
Do			Do	7LB5	Do.
Austrian Marble			Do	10RB4	Drah, white and coarsely fossil, Liassic.
Do			Do		Gray, fossil, calc., "Fiorito".
Austrian Marble			Do		Gray and white, coarsely fossil calc.
Do			Do		Yellow variegated, fine-gr calc.
Austrian Marble			Do		Gray, coarse-gr, fossil calc.
Do			Do		Pale buff-veined, fine-gr calc.
Austrian Marble			Do		Yellow-veined, fine-gr calc.
Do			Do		Red and yellow-mottled, fine-gr calc.
Austrian Marble			Do		Brown, small white fossils, coarse-gr calc.
Do			Do		Red, white-veined, fine-gr calc.
Austrian Marble			Do		Red and white, fine-gr calc.
Do			Do		Red, white-veined, fine-gr calc.
Austrian Marble			Do		Brownish-speckled, fine-gr, fossil calc.
Do			Do		Red, gray and brown, coarsely fossil.
Austrian Marble			Do		Black, dark-veined, fine-gr calc.
Do			Do		Reddish, yellow-veined, fine-gr calc.
Austrian Marble			Do		Dark and brownish, coarse-gr, fossil calc.
Do			Do		White, coarsely cryst marble.
Austrian Marble			Do		Do.
Do			Do		Pale buff and white, porous, fossil calc.
Austrian Marble			Do		Pale gray, coarsely cryst calc.
Do			Do		Do.
Austrian Marble			Do		Gray, fine-gr calc.

TABLE 2. *Source, classification, and description of foreign stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Austrian Pitchstone								
Castleruth	5RA28	Dark-brown, coarse-gr.	Isle of Pines	8LB10	Gray and dark-streaked, coarse-gr calc.			
Do	5LA26	Dark-gray, spotted with white, coarse-gr.	Do	8LB11	Gray and dark-streaked, coarse-gr calc.			
Austrian Quartz Porphyry								
South Tyrol	5RB28	Reddish, white-spotted, med-gr quartz.	Do	8RB11	Bluish-gray, coarse-gr calc.			
Do	5LA27	Red, spotted with white, med-gr.	Do	8RB12	Bluish-gray, dark-veined, coarse-gr calc.			
Austria-Hungarian Marble								
Adnet	8RA8	Greenish, white-veined, fine-gr calc.	Do	10LA23	White, fine-gr, dolomitic.			
Castione	9RB6	Pale-buff and gray, coarse-gr, fossil.	Do	10RA25	Lt bluish-gray, med-gr, dolomitic.			
Do	14LB24	Lt-buff, med-gr, fossil calc.	Do	10RB11	Dark bluish-gray, coarse-gr calc.			
Do	14RA25	Yellow-veined, fine-gr calc.	Do	11LA22	Bluish-gray, coarse-gr calc.			
Do	13LA23	Do.	Do	11RB23	Lt-bluish-gray, med-gr dolomitic.			
Do	14RB25	Dull-pink, veined, fine-gr calc.	Do	11RA24	Bluish-gray, coarse-gr calc.			
Do	14RB26	Dull-pink, fine-gr, fossil calc.	Do	13LA22	Bluish-gray, med-gr calc.			
Do	8LA8	Drab, yellow-spotted, fine-gr calc.	Do	13LB23	Bluish-gray, coarse-gr calc.			
Do	9LA6	Buff, coarse, fossil calc.	Do	14RB27	Lt-bluish-gray, coarse-gr calc.			
Do	8LA7	Gray and brown, fine-gr, fossil calc.	Do	13RA25	Lt-gray, coarse-gr calc.			
Grisignana	9LB6	Pale-buff, fine-gr, fossil calc.	Cuban Marble					
Karst	14LA25	Black, fine-gr, calc., "Paragon".	Isle of Pines	8LB10	Gray and dark-streaked, coarse-gr calc.			
Salzburg	14RA26	Gray and white, fine-gr, coarsely fossil calc.	Do	8LB11	Gray and dark-streaked, coarse-gr calc.			
The Tyrol	9RA6	White, coarsely cryst.	Do	8RB11	Bluish-gray, coarse-gr calc.			
Untersberg	14LB25	White and buff, red-speckled, fossil calc.	Do	8RB12	Bluish-gray, dark-veined, coarse-gr calc.			
Do	14LA26	Pink and white, red-speckled, fossil calc.	Do	10LA23	White, fine-gr, dolomitic.			
Do	13LA24	Buff, red-speckled, fossil calc.	Do	10RA25	Lt bluish-gray, med-gr, dolomitic.			
Do	8RA7	Buff, red-speckled, fossil calc.	Do	10RB11	Dark bluish-gray, coarse-gr calc.			
Bermuda Limestone								
Coralline	8LB9	Nearly white, coarsely cellular, friable.	Bristol	10LB14	Bluish-gray, coarse-gr calc.			
Do	8RB10	Cut from the same block as 8LB9.	Do	10RB15	Cut from the same block as 10LB14.			
Canadian Granite			English Marble					
Halifax Co.	1L6	Gray, coarse-gr biotite-muscovite, porphyritic.	Cadgwith Dist.	10LA36	Olive-green, red-veined.			
St. George	9LB45	Bright-red, coarse-gr hornblende.	English Serpentine					
Do	9RB44	Lt-red, coarse-gr biotite granite.	Finland Granite					
Canadian Limestone			See sample S-2, 75 of table 4					
Kingston	8LA9	Dark-gray, fine-gr, compact, fossil.	Hungarian Conglomerate					
Montreal	8RA9	Dark-gray, med-gr, compact, semi-cryst.	Hundsheim	5RB45	Buff, drab-spotted, coarse-gr, calk.			
Montreal region	13RA26	Dark-gray, fine-gr, compact.	Leitha Mts.	5LB45	Grayish, coarse-gr, porous calk.			
Canadian Marble			Sommerein	5RA45	Pale-buff, fine-gr, porous calk.			
Phillipsburg	13LB24	Grayish-white, fine-gr calc.	Hungarian Limestone					
Do	13LB25	Cut from same block as 13LB24.	Breitenbrunn	13RA36	Lt-buff, fine-gr, porous.			
S. Stukely, Quebec	4RB19	Pink and white variegated, med-gr calc.	Kroisbach	14RA37	Nearly white, med-gr, porous.			
Stony Mt., Near Winnipeg	12LA23	Purple and buff, fossil calc.	Leitha Mts.	10LB8	Lt-buff, coarse-gr, cellular, fossil.			
Canadian Sandstone			Mannersdorf	7RA6	Lt-buff, coarse-gr, cellular, fossil.			
Brampton, Ontario	9LA46	Brown, fine-gr, compact.*	Margarethen Leitha Mts.	7RA7	Pale-buff and white, coarse-gr, porous, fossil.			
Clifton, New Brunswick	11RB46	Greenish-gray, med-gr, compact.	Do	14LA37	Lt-buff fine-gr, porous.			
Do	11LB43	Gray, med-gr, compact.	Do	13LA36	Lt-buff, fine-gr, porous.			
Dorchester, New Brunswick	9RA45	Olive, fine-gr, porous, Sub-Carb.	Do	14RB37	Lt-buff, med-gr, cellular, fossil.			
Georgetown, Ontario	9RA46	Light-gray, fine-gr, porous.	Do	7RA5	Buff, med-gr, porous, fossil.			
Mary's Point, New Brunswick	9LA45	Brown, fine-gr, compact, Carb.	Do	14RA38	Buff, med-gr, porous, fossil.			
Nepigon Bay, Ontario	9RB43	Red, fine-gr, compact, Potsdam.*	Do	14LB37	Lt-buff coarse-gr, porous, fossil.			
Sackville, New Brunswick	10LA50	Brown, med-gr, porous.*	Do	7LA5	Lt-buff, med-gr, cellular, fossil.			
Canadian Granite			Do	7LA4	Yellow, coarse-gr, porous, fossil.			
Italian Granite			Do	7LB9	Yellow, coarse-gr, porous, fossil.			
Italian Marble			Do	7LA6	Buff, coarse-gr, cellular, fossil.			
Italian Travertine			Do	7LA3	Buff-variegated, med-gr, compact, fossil.			
Italian Statuary			Do	14LA38	Buff and yellow, coarse-gr, porous, fossil.			
Hungarian Marble			Hungarian Marble					
Mannersdorf	7RA4	Pale-buff and white, fossil calc.	Leghorn	4LB19	Buff, fine-gr, compact travertine.*			
Italian Limestone			Do	13LB29	Dull-buff, fine-gr, porous.*			
Italian Travertine			Italian Limestone					
Italian Granite			Leghorn	4LB19	Buff, fine-gr, compact travertine.*			
Italian Statuary			Do	13LB29	Dull-buff, fine-gr, porous.*			
Italian Marble			Italian Limestone					
Carrara	2L16	White, fine-gr calc.*	Leghorn	4LB19	Buff, fine-gr, compact travertine.*			
Do	2R16	Cut from the same block as 2L16.	Do	13LB29	Dull-buff, fine-gr, porous.*			
Do	3L6	White, pale-gray clouds, fine-gr calc.*	Italian Travertine					
Do	3R6	Cut from the same block as 3L6.	Italian Statuary					
Do	3L9	Yellowish-white, fine-gr, statuary calc.*	Italian Travertine					
Do	12LB27	Cut from the same block as 3L9.	Italian Statuary					
Do	12RB28	Do.	Italian Travertine					

TABLE 2. Source, classification, and description of foreign stones in south face of wall—Continued

Specific source	Wall No.	Description	Specific source	Wall No.	Description
Mexican Pumice					
San Juan, Pueblo State . . .	10RB35	Gray, fine-gr, coarsely vesicular.			
Mexican Pyrophyllite					
Sonora State . . .	9LB33	Lt-gray, buff-spotted, fine-gr.			
Do	9RB31	Cut from same block as 9LB33.			
Do	10LB39	Do.			
Mexican Sandstone					
Guanajuato State . . .	10LA39	Green, brown-banded, med-gr, compact, calk.			
Do	10RA30	Green, brown-banded, med-gr, compact, calk.			
Mexican Tuff					
Huehutoca	6RB38	Red, coarse-gr, rhyolite.			
Morelos State	6LB38	Lt reddish-brown, fine-gr, compact.			
Oaxaca State	6LA38	Lt-green, fine-gr, compact, rhyolite.			
Oaxaca State	6RB37	Brown, white-mottled, fine-gr, porous.			
Zacatecas State	10LA40	Buff, brown-banded, fine-gr, compact.			
Do	6RA37	Pinkish, fine-gr, compact, rhyolite.			
Do	10LA41	Greenish-gray, fine-gr, compact, rhyolite.			
Portuguese Limestone					
Alvito, Coimbra	10LB2	Lt-yellow, med-gr, compact.			
Corredoura, Leiria	8RB2	Lt-buff, coarse-gr, cellular, fossil.			
Covões, Coimbra	7RA1	Buff, thin veins, fine-gr, compact.			
Ega, Coimbra	14LA45	Lt-gray, fine-gr, compact.			
Freguesias, Coimbra	8RA2	Gray, fine-gr, compact.*			
Ilhastro, Coimbra	14LA47	Lt-drab, fine-gr, compact.			
Janianes, Coimbra	14LA46	Lt-gray, fine-gr, compact, argil.			
Do	8RA3	Lt-drab, fine-gr, compact, argil.			
Lombas, Leiria	8RB3	Lt-buff, fine-gr, compact.			
Nazareth, Leiria	9RB1	Pink, fine-gr, compact.			
Do	9LA1	Pinkish, fine-gr, compact.			
Porto Barroso, Coimbra	7LA2	Drab and gray, fine-gr, compact, argil.*			
Serra da Boa Viagem, Coimbra	14LA44	Bluish-drab, fine-gr, compact, argil.*			
Portuguese Marble					
Alvrite, Coimbra	8LB1	Gray, med-gr, calc.			
Ameixreira, Coimbra	8LA2	Lt-gray, fine-gr.			
Andorinha, Coimbra	8LA1	Lt-yellow, fine-gr.			
Arrabida Mts., Lisbon Dist. . .	10LB1	Red and yellow, coarse-gr calc conglomerate.			
Do	10RB1	Cut from the same block as 10LB1.			
Cintra, Lisbon Dist. . . .	10RB2	Yellow, fine-gr.			
Condeixa a Velha, Coimbra	8LA3	Lt pinkish-drab, fine-gr.			
Do	8LB3	Pink and drab-mottled, fine-gr.			
Cuzelhas, Coimbra	8LB2	Lt-yellow, fine-gr.			
Estremoz, Alemtejo Prov. . . .	12RB37	White, yellow-veined, med-gr calc.*			
Farrestelo, Figueira da Foz. . . .	14RA43	Pink and yellowish fine-gr fossil calc.			
Figueira Zameirao, Coimbra	9LB1	White, dark-spotted, fine-gr.			
Freguesias of S. Miguel, Coimbra	14RA40	Yellow, purple-striped, fine-gr.*			
Do	14LA40	Dull-pink, fine-gr.*			
Do	14LA43	Dull-red, fine-gr.*			
Do	8RB1	Drab, pink-tinted, fine-gr.*			
Do	14LA39	White, red-spotted, fine-gr.*			
Do	14RA44	Dull-red, lt-streaked, fine-gr.*			
Do	14RA42	Lt-pink, drab-veined, fine-gr.*			
Do	9RA1	Lt-pink, fine-gr.*			
Do	14RA41	Drab, pink and yellow-streaked, fine-gr.*			
Mexico State	14RA39	Lt-drab, fine-gr.*			
Mexican Andesite					
Hidalgo State	5RA37	Dark-gray, fine-gr, compact.			
Ixtapalapa	10RA29	Lt-gray, coarse-gr, hornblende.			
Do	5LA36	Black, finely vesicular, hypersthene.			
Mexican Basalt					
Mexico State	10RB34	Dull-red, very vesicular.			
Puebla State	5RB37	Nearly black, fine-gr, coarsely vesicular.			
Do	5LB36	Cut from the same block as 5RB37.			
Mexican Dacite					
Mexico State	10LA38	Reddish-brown, fine-gr, porous.			

TABLE 2. *Source, classification, and description of foreign stones in south face of wall—Continued*

Specific source	Wall No.	Description	Specific source	Wall No.	Description			
Manoel Zuarate, Leiria	14LA42	Dull-red, fine-gr.*			Spanish Limestone			
Penella, Beira Prov.	14RA47	Lt-drab, reddish-veined, fine-gr calc.	Calatayud, Saragossa	14RB35	Dark-gray, fine-gr, compact.			
Ponde do Espinal, Coimbra	8RA1	Lt-gray, fine-gr, cellular.	Morata, Saragossa	14LB35	Pinkish, fine-gr, compact.			
Salmanha, Coimbra	14RA46	Pink, fine-gr.	Murcia, Murcia . . .	13RA35	Yellow, coarse-gr, porous, fossil.			
Serrada, do Lager, Leiria Prov.	14RA45	Dull-pink, fine-gr.*	Do	14RB36	Lt-gray, coarse-gr, friable.			
Vianna do Alemtejo	14LA41	White, dark-veined, med-gr calc.	Do	9LA14	Dark-gray, fine-gr, compact.			
Portuguese Sandstone								
St. Miguel, Coimbra	11LA36	Red, fine-gr, compact, ferrugin.*	Cheggin, Murcia . . .	13LB34	Brown, yellow-mottled, fine-gr, calc.			
Do	11LA37	Red, fine-gr, compact, calk.	Chodes, Saragossa . . .	13LB35	Black and brown, coarse-gr breccia.			
Do	9RB42	Buff, coarse-gr, compact, calk.	Morata, Saragossa . . .	13LA32	Dark and brown coarse-gr breccia.			
Scottish Sandstone			Murcia, Murcia . . .	13LA33	Drab, buff-veined, fine-gr calc.			
Anan	5LA12	Dull-red, fine-gr, compact, Devonian.	Panticosa, Huesca . . .	13LA34	Dark blue-gray, med-gr calc.			
Ballochmyle	11LB28	Lt-red, fine-gr, porous, Carb.	Puebla de Alborton . . .	13RB32	Pink and white, cellular, brecciated calc.			
Beauty, Rose	7LA35	Lt-red, fine-gr, compact, calk.	Ricla, Saragossa . . .	13RA34	Black and white, coarse-gr, brecciated.			
Elgin, Moray	7RA35	Buff, coarse-gr, compact.	Do	13RA32	Pinkish-purple, brown-spotted, fine-gr calc.			
Nairn	8RB36	Lt-gr, fine-gr, porous, calk, Devonian.	Saragossa Prov.	14LB36	Drab and light-brown, coarse-gr, brecciated.			
Thurso	8LB36	Buff, med-gr, porous, calk, Devonian.	Do	9RA15	Lt-buff, pink-veined, fine-gr calc.			
Siamese Marble			Do	13RA33	Yellow and drab, coarse-gr calc.			
Do	14LB34	Dark and drab, red veined, fine-gr calc.	Spanish Sandstone					
?	9LA15	Gray, white and yellow, coarse-gr, calc.	Murcia	9RA37	Buff, fine-gr, compact, calk.			
Spanish Tuff								
			Alamazanon	9RA38	Buff, med-gr, compact, cellular, calk.			

TABLE 3. Course list for identifying samples, by position, in wall

[For explanation of use, see section 8.2.]

ABBREVIATIONS

Cong.	conglomerate.	Pyroph.	pyrophyllite.
D.	dolomite.	Ql.	quartzite.
DM.	dolomitic marble.	QP.	quartz porphyry.
Gn.	gneiss.	Serp.	serpentinite.
Gr.	granite.	Ss.	sandstone.
Labr.	labradorite.	Stat.	statuary.
Ls.	limestone.	T. Schist.	talc schist.
M.	marble.	Trav.	travertine.
Mg.	magnesian.		

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
Course 1, Left								
1L1.	Gr.	Conn.	3L1.	M.	Vt.	4R1.	M.	Italy
1L2.	Gr.	Conn.	3L2.	M.	Australia	4R2.	M.	Vt.
1L3.	Gr.	Conn.	3L3.	M.	Vt.	4R3.	M.	Vt.
1L4.	Gr.	Conn.	3L4.	M.	Tenn.	4R4.	M.	Vt.
1L5.	Gr.	Conn.	3L5.	M.	N.Y.	4R5.	M.	Vt.
1L6.	Gr.	Canada	3L6.	Stat. M.	Italy	4R6.	Ss.	Conn.
1L7.	Gr.	Mass.	3L7.	Stat. M.	Italy	4R7.	Ss.	Australia
1L8.	Cr.	Mass.	3L8.	M.	Italy	4R8.	Ss.	Australia
1L9.	Gr.	Mass.	3L9.	Stat. M.	Italy	4R9.	Ss.	Ohio
1L10.	M.	Italy	3L10.	M.	Australia	4RA10.	M.	Ala.
1L11.	M.	Italy	3L11.	M.	Vt.	4RB10.	M.	Md.
1L12.	M.	Italy	3L12.	M.	Tenn.	4RA11.	M.	Ga.
1L13.	M.	Colo.	3L13.	M.	Tenn.	4RB11.	Ls.	Tenn.
1L14.	M.	Italy	3L14.	M.	Vt.	4RA12.	M.	Vt.
1L15.	M.	Vt.	3L15.	D.	Md.	4RB12.	Ls.	Ind.
1L16.	M.	Italy	3L16.	Mg. M.	Vt.	4RA13.	M.	Vt.
Course 1, Right								
1R1.	Gr.	Conn.	3R1.	M.	Vt.	4RA14.	M.	Vt.
1R2.	Gr.	Conn.	3R2.	M.	Vt.	4RB14.	Gr.	Mass.
1R3.	Gr.	Conn.	3R3.	M.	Vt.	4RA15.	M.	Vt.
1R4.	Gr.	Conn.	3R4.	M.	Tenn.	4RB15.	Gr.	Maine
1R5.	Gr.	Conn.	3R5.	M.	N.Y.	4RA16.	M.	Vt.
1R6.	Gr.	Australia	3R6.	Stat. M.	Italy	4RB16.	Gr.	Del.
1R7.	Gr.	Mass.	3R7.	Stat. M.	Italy	4RA17.	M.	Vt.
1R8.	Gr.	Mass.	3R8.	M.	Italy	4RB17.	Gr.	Maine
1R9.	Gr.	Mass.	3R9.	M.	Vt.	4RA18.	M.	Vt.
1R10.	M.	Italy	3R10.	M.	Australia	4RB18.	Gr.	R.I.
1R11.	M.	Italy	3R11.	M.	Vt.	4RA19.	Coquina	Fla.
1R12.	M.	Italy	3R12.	M.	Tenn.	4RB19.	M.	Canada
1R13.	M.	Colo.	3R13.	M.	Tenn.	4RA20.	M.	Vt.
1R14.	M.	Italy	3R14.	M.	Vt.	4RB20.	Gr.	N.H.
1R15.	M.	Vt.	3R15.	DM.	Md.	4RA21.	M.	Vt.
1R16.	M.	Italy	3R16.	Mg. M.	Vt.	4RB21.	M.	Vt.
Course 2, Left								
2L1.	M.	Vt.	4L1.	M.	Italy	5LA1.	Ss.	Ohio
2L2.	M.	Vt.	4L2.	M.	Vt.	5LB1.	Ss.	Ohio
2L3.	M.	Vt.	4L3.	M.	Vt.	5LA2.	Ss.	Ohio
2L4.	M.	Tenn.	4L4.	M.	Vt.	5LB2.	Ss.	Ohio
2L5.	M.	Vt.	4L5.	M.	Vt.	5LA3.	Ss.	Ohio
2L6.	M.	Vt.	4L6.	Ss.	Conn.	5LB3.	Ss.	Ohio
2L7.	M.	Vt.	4L7.	Ss.	Australia	5LA4.	Ss.	Ohio
2L8.	M.	Vt.	4L8.	Ss.	Australia	5LB4.	Ss.	Ohio
2L9.	M.	Vt.	4L9.	Ss.	Ohio	5LA5.	Ss.	Ohio
2L10.	M.	Vt.	4LA10.	M.	Ala.	5LB5.	Ss.	Ohio
2L11.	M.	Vt.	4LB10.	M.	Ga.	5LA6.	Ss.	Ohio
2L12.	M.	Vt.	4LA11.	M.	Ga.	5LB6.	Ss.	Ohio
2L13.	DM.	Conn.	4LB11.	Ls.	Tenn.	5LA7.	Ss.	Ohio
2L14.	M.	Vt.	4LA12.	M.	Vt.	5LB7.	Ss.	Ohio
2L15.	DM.	Vt.	4LA13.	M.	Ind.	5LA8.	Ss.	Ohio
2L16.	Stat. M.	Italy	4LB13.	M.	Vt.	5LB8.	Gr.	Mass.
2L17.	Ls.	Mo.	4LA14.	M.	Md.	5LA9.	Ss.	Ohio
Course 2, Right								
2R1.	M.	Vt.	4LA15.	Gr.	Maine	5LB9.	Gr.	Mass.
2R2.	M.	Vt.	4LA16.	M.	Vt.	5LA10.	Ss.	Ohio
2R3.	M.	Vt.	4LB16.	Gr.	Del.	5LB10.	Gr.	Mass.
2R4.	M.	Tenn.	4LA17.	M.	Vt.	5LA11.	Ss.	Ohio
2R5.	M.	Vt.	4LB17.	Gr.	Maine	5LB11.	Gr.	Mass.
2R6.	M.	Vt.	4LA18.	M.	Vt.	5LA12.	Ss.	Scotland
2R7.	M.	Vt.	4LB18.	M.	Tenn.	5LB12.	Gr.	Mass.
2R8.	M.	Vt.	4LA19.	Coquina	Fla.	5LA13.	Ss.	Ohio
2R9.	M.	Vt.	4LB19.	Ls.	Italy	5LB13.	Gn.	Mass.
2R10.	M.	Vt.	4LA20.	M.	Vt.	5LA14.	Ss.	Ohio
2R11.	M.	Vt.	4LB20.	Gr.	Maine	5LB14.	Gn.	Mass.
2R12.	M.	Vt.	4LA21.	M.	Tenn.	5LA15.	Ss.	Ohio
2R13.	DM.	Conn.	4LB21.	Gr.	Mo.	5LB15.	Gn.	Mass.
2R14.	M.	Vt.				5LA16.	Ss.	Ohio
2R15.	DM.	Vt.				5LB16.	Gr.	Mass.
2R16.	Stat. M.	Italy				5LA17.	Ss.	Ohio
2R17.	Ls.	Mo.				5LB17.	Gr.	Mass.
						5LA18.	Ss.	Ohio
						5LB18.	Gr.	Mass.
						5LA19.	Ss.	Ohio
Course 3, Left								
3L1.	M.	Vt.	4R1.	M.	Italy	5LA1.	Ss.	Ohio
3L2.	M.	Australia	4R2.	M.	Vt.	5LB1.	Ss.	Ohio
3L3.	M.	Vt.	4R3.	M.	Vt.	5LA2.	Ss.	Ohio
3L4.	M.	Tenn.	4R4.	M.	Vt.	5LB2.	Ss.	Ohio
3L5.	M.	N.Y.	4R5.	M.	Vt.	5LA3.	Ss.	Ohio
3L6.	Stat. M.	Italy	4R6.	Ss.	Conn.	5LB3.	Ss.	Ohio
3L7.	Stat. M.	Italy	4R7.	Ss.	Conn.	5LA4.	Ss.	Ohio
3L8.	M.	Italy	4R8.	Ss.	Conn.	5LB4.	Ss.	Ohio
3L9.	M.	Italy	4R9.	Ss.	Conn.	5LA5.	Ss.	Ohio
3L10.	M.	Australia	4RA10.	M.	Ala.	5LB5.	Ss.	Ohio
3L11.	M.	Vt.	4RB10.	M.	Ga.	5LA6.	Ss.	Ohio
3L12.	M.	Tenn.	4RA11.	M.	Ga.	5LB6.	Ss.	Ohio
3L13.	M.	Tenn.	4RB11.	M.	Tenn.	5LA7.	Ss.	Ohio
3L14.	M.	Vt.	4RA12.	M.	Ind.	5LB7.	Ss.	Ohio
3L15.	D.	Md.	4RB12.	Ls.	Vt.	5LA8.	Ss.	Ohio
3L16.	Mg. M.	Vt.	4RA13.	M.	Vt.	5LB8.	Gr.	Mass.
			4LB11.	Ls.	Tenn.	5LA9.	Ss.	Ohio
			4LA12.	M.	Vt.	5LB9.	Gr.	Mass.
			4LA13.	M.	Vt.	5LA10.	Ss.	Ohio
			4LB13.	M.	Md.	5LB10.	Gr.	Mass.
			4LA14.	M.	Vt.	5LA11.	Ss.	Ohio
			4LB14.	Gr.	Vt.	5LB11.	Gr.	Mass.
			4LA15.	M.	Vt.	5LA12.	Ss.	Scotland
			4LB15.	Gr.	Maine	5LB12.	Gr.	Mass.
			4LA16.	M.	Vt.	5LA13.	Ss.	Ohio
			4LB16.	Gr.	Del.	5LB13.	Gn.	Mass.
			4LA17.	M.	Vt.	5LA14.	Ss.	Ohio
			4LB17.	Gr.	Maine	5LB14.	Gn.	Mass.
			4LA18.	M.	Vt.	5LA15.	Ss.	Ohio
			4LB18.	M.	Tenn.	5LB15.	Gn.	Mass.
			4LA19.	Coquina	Fla.	5LA16.	Ss.	Ohio
			4LB19.	Ls.	Italy	5LB16.	Gr.	Mass.
			4LA20.	M.	Vt.	5LA17.	Ss.	Ohio
			4LB20.	Gr.	Conn.	5LB17.	Gr.	Mass.
			4LA21.	M.	Vt.	5LA18.	Ss.	Ohio
			4LB21.	Gr.	Mass.	5LB18.	Gr.	Mass.
						5LA19.	Ss.	Ohio
Course 3, Right								
4R1.	M.	Italy	5LB1.	Ss.	Ohio			
4R2.	M.	Vt.	5LB2.	Ss.	Ohio			
4R3.	M.	Vt.	5LA3.	Ss.	Ohio			
4R4.	M.	Vt.	5LB3.	Ss.	Ohio			
4R5.	M.	Vt.	5LA4.	Ss.	Ohio			
4R6.	Ss.	Conn.	5LB4.	Ss.	Ohio			
4R7.	Ss.	Conn.	5LA5.	Ss.	Ohio			
4R8.	Ss.	Conn.	5LB5.	Ss.	Ohio			
4R9.	Ss.	Conn.	5LA6.	Ss.	Ohio			
4RA10.	M.	Ala.	5LB6.	Ss.	Ohio			
4RB10.	M.	Ga.	5LA7.	Ss.	Ohio			
4RA11.	M.	Ga.	5LB7.	Ss.	Ohio			
4RB11.	Ls.	Tenn.	5LA8.	Ss.	Ohio			
4RA12.	M.	Ind.	5LB8.	Gr.	Mass.			
4RB12.	Ls.	Vt.	5LA9.	Ss.	Ohio			
4RA13.	M.	Vt.	5LB9.	Gr.	Mass.			
4RB13.	Ls.	Italy	5LA10.	Ss.	Ohio			
4LA14.	M.	Vt.	5LB10.	Gr.	Mass.			
4LB14.	M.	Vt.	5LA11.	Ss.	Ohio			
4LA15.	M.	Vt.	5LB11.	Gr.	Mass.			
4LB15.	Gr.	Maine	5LA12.	Ss.	Scotland			
4LA16.	M.	Vt.	5LB12.	Gr.	Mass.			
4LB16.	Gr.	Del.	5LA13.	Ss.	Ohio			
4LA17.	M.	Vt.	5LB13.	Gn.	Mass.			
4LB17.	Gr.	Maine	5LA14.	Ss.	Ohio			
4LA18.	M.	Vt.	5LB14.	Gn.	Mass.			
4LB18.	M.	Tenn.	5LA15.	Ss.	Ohio			
4LA19.	Coquina	Fla.	5LB15.	Gn.	Mass.			
4LB19.	Ls.	Italy	5LA16.	Ss.	Ohio			
4LA20.	M.	Vt.	5LB16.	Gr.	Mass.			
4LB20.	Gr.	Conn.	5LA17.	Ss.	Ohio			
4LA21.	M.	Vt.	5LB17.	Gr.	Mass.			
4LB21.	Gr.	Mass.	5LA18.	Ss.	Ohio			
			5LB18.	Gr.	Mass.			
			5LA19.	Ss.	Ohio			

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
5LB19	Gr.	Mass.	5RB18	Gr.	Mass.	6LB17	Gr.	Pa.
5LA20	Gr.	Mass.	5RA19	Ss.	Ohio	6LA18	Ss.	Pa.
5LB20	Gn.	N.C.	5RB19	Gr.	Mass.	6LB18	Gn.	Pa.
5LA21	Gn.	N.C.	5RA20	Gr.	Mass.	6LA19	QP.	Pa.
5LB21	Gn.	N.C.	5RB20	Gr.	Mass.	6LB19	Diabase	Pa.
5LA22	Gn.	N.C.	5RA21	Gr.	Mass.	6LA20	Ss.	Ohio
5LB22	Gn.	N.C.	5RB21	Gr.	N.C.	6LB20	Ss.	Ohio
5LA23	Gr.	N.C.	5RA22	Gr.	N.C.	6LA21	Ss.	Ohio
5LB23	Gr.	N.C.	5RB22	Gr.	N.C.	6LB21	Ss.	Ohio
5LA24	Gr.	Maine	5RA23	Gr.	N.C.	6LA22	Gr.	Mass.
5LB24	Serp.	Maine	5RB23	Gr.	N.C.	6LB22	Gn.	Mass.
5LA25	Gr.	Maine	5RA24	Gr.	N.C.	6LA23	Gn.	N.C.
5LB25	Diabase	Maine	5RB24	Gr.	N.C.	6LB23	Gn.	N.C.
5LA26	Pitchstone	Austria	5RA25	Gr.	N.C.	6LA24	Gr.	N.C.
5LB26	Gr.	Austria	5RB25	Gr.	N.C.	6LB24	Gr.	N.C.
5LA27	QP.	Austria	5RA26	Gr.	Maine	6LA25	Gr.	Maine
5LB27	Cong.	Austria	5RB26	Cong.	Md.	6LB25	Gr.	Maine
5LA28	Ss.	Ky.	5RA27	Gr.	Maine	6LA26	Gr.	Maine
5LB28	Tuff	Calif.	5RB27	Diabase	Maine	6LB26	Gr.	Maine
5LA29	Gr.	Calif.	5RA28	Pitchstone	Austria	6LA27	Gr.	Maine
5LB29	Basalt	Calif.	5RB28	QP.	Austria	6LB27	Gr.	Maine
5LA30	Gr.	Tex.	5RA29	Basalt	Calif.	6LA28	Ss.	N.Y.
5LB30	Gr.	Ga.	5RB29	Gr.	Austria	6LB28	Ss.	N.Y.
5LA31	Gr.	Colo.	5RA30	Gr.	Calif.	6LA29	Ss.	N.Y.
5LB31	QI	Colo.	5RB30	Basalt-Tuff	Calif.	6LB29	Gn.	N.Y.
5LA32	Gr.	Colo.	5RA31	Gn.	Ga.	6LA30	Ss.	Ky.
5LB32	Gn.	Colo.	5RB31	Serp.	Ga.	6LB30	Ss.	Ky.
5LA33	Diabase	Minn.	5RA32	Gr.	Colo.	6LA31	Ss.	Calif.
5LB33	QI	Minn.	5RB32	Diorite	Colo.	6LB31	Ss.	Calif.
5LA34	Gn.	Conn.	5RA33	Gr.	Minn.	6LA32	Gr.	Tex.
5LB34	Gabbro	Minn.	5RB33	Diabase	Minn.	6LB32	Gr.	Tex.
5LA35	Gn.	Conn.	5RA34	Cong.	Conn.	6LA33	Sa.	Colo.
5LB35	Gn.	Conn.	5RB34	QP.	Minn.	6LB33	Sa.	Colo.
5LA36	Andesite	Mexico	5RA35	Gr.	Conn.	6LA34	Gr.	Minn.
5LB36	Basalt	Mexico	5RB35	Diabase	Conn.	6LB34	Gr.	Minn.
5LA37	Gr.	Unknown	5RA36	Gn.	Conn.	6LA35	Gr.	Minn.
5LB37	Gr.	Unknown	5RB36	Gr.	Conn.	6LB35	Diabase	Minn.
5LA38	Gr.	Md.	5RA37	Andesite	Mexico	6LA36	Gn.	Conn.
5LB38	Gn.	Md.	5RB37	Basalt	Mexico	6LB36	Gr.	Conn.
5LA39	Gr.	S.C.	5RA38	Gr.	Unknown	6LA37	Gr.	Conn.
5LB39	Gr.	S.C.	5RB38	Gr.	N.C.	6LB37	Gr.	Conn.
5LA40	Gr.	S.C.	5RA39	Gn.	Md.	6LA38	Tuff	Mexico
5LB40	Gr.	S.C.	5RB39	Gr.	Md.	6LB38	Tuff	Mexico
5LA41	Gr.	N.J.	5RA40	Gr.	S.C.	6LA39	Gn.	Mass.
5LB41	Gr.	N.J.	5RB40	Gr.	S.C.	6LB39	Ss.	Ohio
5LA42	Diabase	N.J.	5RA41	Gr.	S.C.	6LA40	Gr.	Md.
5LB42	Cong.	N.J.	5RB41	Gr.	S.C.	6LB40	Gr.	Md.
5LA43	Gn.	N.H.	5RA42	Gn.	N.J.	6LA41	Gr.	S.C.
5LB43	Gr.	N.H.	5RB42	Gn.	N.J.	6LB41	Gr.	S.C.
5LA44	Slate	Vt.	5RA43	Diabase	N.J.	6LA42	Ss.	N.J.
5LB44	Gr.	N.H.	5RB43	Cong.	N.J.	6LB42	Ss.	N.J.
5LA45	Gr.	Vt.	5RA44	Slate	Vt.	6LA43	Ss.	N.J.
5LB45	Cong.	Hungary	5RB44	Gr.	N.H.	6LB43	Diabase	N.J.
5LA46	Gr.	R.I.	5RA45	Cong.	Hungary	6LA44	Gr.	N.H.
5LB46	Serp.	Argentina	5RB45	Cong.	Hungary	6LB44	Gr.	N.H.
Course 5, Right								

Course 6, Left

5RA1	Ss.	Ohio	6LA1	M.	Austria
5RB1	Ss.	Ohio	6LB1	Ss.	Pa.
5RA2	Ss.	Ohio	6LA2	M.	Austria
5RB2	Ss.	Ohio	6LB2	Ss.	Pa.
5RA3	Ss.	Ohio	6LA3	Ss.	Pa.
5RB3	Ss.	Ohio	6LB3	Ss.	Pa.
5RA4	Ss.	Ohio	6LA4	Ss.	Pa.
5RB4	Ss.	Ohio	6LB4	Ss.	Pa.
5RA5	Ss.	Ohio	6LA5	Ss.	Pa.
5RB5	Ss.	Ohio	6LB5	Ss.	Pa.
5RA6	Ss.	Ohio	6LA6	Ss.	Pa.
5RB6	Ss.	Ohio	6LB6	Ss.	Pa.
5RA7	Ss.	Ohio	6LA7	Ss.	Pa.
5RB7	Ss.	Ohio	6LB7	Ss.	Pa.
5RA8	Ss.	Ohio	6LA8	Ss.	Pa.
5RB8	Ss.	Ohio	6LB8	Ss.	Pa.
5RA9	Ss.	Ohio	6LA9	Ss.	Pa.
5RB9	Gr.	Mass.	6LB9	Ss.	Pa.
5RA10	Ss.	Ohio	6LA10	Ss.	Pa.
5RB10	Gr.	Mass.	6LB10	Ss.	Pa.
5RA11	Ss.	Ohio	6LA11	Ss.	Pa.
5RB11	Gr.	Mass.	6LB11	Ss.	Pa.
5RA12	Ss.	Ohio	6LA12	Ss.	Pa.
5RB12	Gr.	Mass.	6LB12	Ss.	Pa.
5RA13	Ss.	Ohio	6LA13	Ss.	Pa.
5RB13	Gr.	Mass.	6LB13	Ss.	Pa.
5RA14	Ss.	Ohio	6LA14	Ss.	Pa.
5RB14	Gr.	Mass.	6LB14	Diabase	Pa.
5RA15	Ss.	Ohio	6LA15	Ss.	Pa.
5RB15	Gr.	Mass.	6LB15	Slate	Pa.
5RA16	Ss.	Ohio	6LA16	Ss.	Pa.
5RB16	Diabase	Mass.	6LB16	Diabase	Pa.
5RA17	Gr.	N.J.	6LA17	Ss.	Pa.
5RB17	Gr.	Mass.	6LB17	Ss.	Pa.
5RA18	Ss.	Ohio	6LA18	Ss.	Pa.

Course 6, Right

6RA1	Ss.	Pa.
6RB1	QI.	Pa.
6RA2	Ss.	Pa.
6RB2	Ss.	Pa.
6RA3	Ss.	Pa.
6RB3	Ss.	Pa.
6RA4	Ss.	Pa.
6RB4	Ss.	Pa.
6RA5	Ss.	Pa.
6RB5	Ss.	Pa.
6RA6	Ss.	Pa.
6RB6	Ss.	Pa.
6RA7	Ss.	Pa.
6RB7	Ss.	Pa.
6RA8	Ss.	Pa.
6RB8	Ss.	Pa.
6RA9	Ss.	Pa.
6RB9	Serp.	Pa.
6RA10	Ss.	Pa.
6RB10	Diabase	Pa.
6RA11	Ss.	Pa.
6RB11	Cong.	Pa.
6RA12	Ss.	Pa.
6RB12	Cong.	Pa.
6RA13	Ss.	Pa.
6RB13	Cong.	Pa.
6RA14	Ss.	Pa.

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
6RB14.	Diabase.	Pa.	7LA12.	Ls.	Pa.	7RA13.	Ls.	Pa.
6RA15.	Ss.	Pa.	7LB12.	M.	Austria	7RB13.	M.	Austria
6RA15.	Slate.	Pa.	7LA13.	Ls.	Pa.	7RA14.	Ls.	Austria
6RA16.	Ss.	Pa.	7LB13.	M.	Austria	7RB14.	M.	Austria
6RB16.	Diabase.	Pa.	7LA14.	Ls.	Pa.	7RA15.	Ls.	Pa.
6RA17.	Ss.	Pa.	7LB14.	M.	Austria	7RB15.	M.	Austria
6RB17.	Gn.	Pa.	7LA15.	Ls.	Austria	7RA16.	Ls.	Pa.
6RA18.	Ss.	Pa.	7LB15.	M.	Pa.	7RB16.	Soapstone.	Pa.
6RB18.	Gn.	Pa.	7LA16.	Ls.	Austria	7RA17.	Slate.	Pa.
6RA19.	QI.	Pa.	7LB16.	M.	Austria	7RB17.	Gn.	Pa.
6RB19.	Diabase.	Pa.	7LA17.	Slate.	Pa.	7RA18.	Ss.	Pa.
6RA20.	Ss.	Ohio	7LB17.	Gn.	Pa.	7RB18.	Gr.	Pa.
6RB20.	Ss.	Ohio	7LA18.	QI.	Pa.	7RA19.	Ss.	Ohio
6RA21.	Ss.	Ohio	7LB18.	Gn.	Pa.	7RB19.	Ss.	Ohio
6RB21.	Ss.	Ohio	7LA19.	Ss.	Ohio	7RA20.	Ss.	Ohio
6RA22.	Gr.	Mass.	7LB19.	Ss.	Ohio	7RB20.	Ss.	Ohio
6RB22.	Gr.	Mass.	7LB20.	Ss.	Ohio	7R21.	Ss.	Ohio
6RA23.	Gr.	N.C.	7LA21.	Gr.	N.C.	7RA22.	QI.	N.C.
6RB23.	Gr.	N.C.	7LB21.	Gr.	N.C.	7RB22.	Gr.	N.C.
6RA24.	Gr.	N.C.	7LA22.	Gr.	N.C.	7RA23.	Gr.	N.C.
6RB24.	Gr.	N.C.	7LB22.	Gn.	N.C.	7RB23.	Gn.	Maine
6RA25.	Gr.	Maine	7LA23.	Gr.	N.C.	7RA24.	Gr.	Maine
6RB25.	Gr.	Maine	7LB23.	QP.	N.C.	7RB24.	Gr.	Maine
6RA26.	Gr.	Maine	7LA24.	Gr.	Maine	7RA25.	Gr.	Maine
6RB26.	Gr.	Maine	7LB24.	Gr.	Maine	7RB25.	Ss.	N.Y.
6RA27.	Gr.	Maine	7LA25.	Gr.	Maine	7RA26.	Ss.	N.Y.
6RB27.	Gr.	Maine	7LB25.	Gr.	Maine	7RB26.	Ss.	N.Y.
6RA28.	Ss.	N.Y.	7LA26.	Ss.	N.Y.	7RA27.	Ss.	N.Y.
6RB28.	Ss.	N.Y.	7LB26.	Ss.	N.Y.	7RB27.	Ss.	Ky.
6RA29.	Ss.	N.Y.	7LA27.	Ss.	N.Y.	7RA28.	Ss.	Ky.
6RB29.	Ss.	Ky.	7LB27.	Ss.	N.Y.	7RB28.	Ss.	Calif.
6RA30.	Ss.	Ky.	7LA28.	Ss.	Ky.	7RA29.	Ss.	Calif.
6RB30.	Ss.	Calif.	7LB28.	Ss.	Ky.	7RB29.	Gr.	Tex.
6RA31.	Ss.	Calif.	7LA29.	Ss.	Calif.	7RA30.	Ss.	Tex.
6RB31.	Gr.	Tex.	7LB29.	Ss.	Calif.	7RB30.	Ss.	Tex.
6RA32.	Diorite.	Tex.	7LA30.	Ss.	Tex.	7RA31.	Ss.	Colo.
6RB32.	Gr.	Colo.	7LB30.	Ss.	Tex.	7RB31.	Ss.	Colo.
6RA33.	Ss.	Colo.	7LA31.	Ss.	Colo.	7RA32.	Ss.	Minn.
6RB33.	Tuff.	Colo.	7LB31.	Ss.	Colo.	7RB32.	Gr.	Minn.
6RA34.	Gr.	Minn.	7LA32.	Ss.	Minn.	7RA33.	Ss.	Conn.
6RB34.	Gr.	Minn.	7LB32.	Gr.	Minn.	7RB33.	Gr.	Conn.
6RA35.	Gr.	Conn.	7LA33.	Ss.	Conn.	7RA34.	Ss.	Scotland
6RB35.	Gn.	Conn.	7LB33.	Gn.	Conn.	7RB34.	Gr.	Conn.
6RA36.	Gn.	Conn.	7LA34.	Ss.	Scotland	7RA35.	Gr.	Mo.
6RB36.	Gn.	Conn.	7LB34.	Gn.	Conn.	7RB35.	Gr.	Mass.
6RA37.	Tuff.	Mexico	7LA35.	Gr.	Mo.	7RA36.	Gr.	Mo.
6RB37.	Tuff.	Mexico	7LB35.	Andesite	Nev.	7RB36.	Ss.	Nev.
6RA38.	Gr.	N.C.	7LA36.	Tuff.	Nev.	7RA37.	Gr.	Mo.
6RB38.	Tuff.	Mexico	7LB36.	Andesite	Nev.	7RB37.	Andesite.	Nev.
6RA39.	Gr.	Mass.	7LA37.	Serp.	Md.	7RA38.	Serp.	Md.
6RB39.	Ss.	Ohio	7LB37.	Gn.	Mass.	7RB38.	Serp.	Md.
6RA40.	Gn.	Md.	7LA38.	Serp.	Md.	7RA39.	Ss.	N.J.
6RB40.	Gn.	Md.	7LB38.	Gr.	Md.	7RB39.	Ss.	N.J.
6RA41.	Slate.	Md.	7LA39.	Ss.	N.J.	7RA40.	Diorite.	Mont.
6RB41.	Serp.	Md.	7LB39.	Ss.	N.J.	7RB40.	Gr.	N.H.
6RA42.	Ss.	N.J.	7LA40.	Ss.	N.J.	7RA41.	Gr.	N.H.
6RB42.	Gr.	S.C.	7LB40.	Ss.	N.J.	7RB41.	Gr.	N.H.
6RA43.	Gn.	N.H.	7LA41.	Ss.	Mont.	7RA42.	Ss.	Mich.
6RB43.	Diabase.	N.J.	7LB41.	Gr.	Mont.	7RB42.	Ss.	Mich.
6RA44.	Gr.	N.H.	7LA42.	Gr.	N.H.	7RA43.	Gr.	Wis.
6RB44.	Gr.	N.H.	7LB42.	Gr.	N.H.	7RB43.	QI.	Wis.
6RA45.	Gr.	Vt.	7LA43.	QI.	Wis.	7RA44.	Ss.	N.Mex.
6RB45.	Gr.	Vt.	7LB43.	Ss.	Mich.	7RB44.	Gr.	Wis.
6RA46.	Gn.	Mich.	7LA44.	Ss.	Mich.	7RA45.	Serp.	N.Mex.
6RB46.	Gn.	Vt.	7LB44.	Ss.	Mich.	7RB45.	Tuff.	N.Mex.
6RA47.	QI.	Wis.	7LA45.	Ss.	N.Mex.			
6RB47.	Gr.	Vt.	7LB45.	Ss.	Mich.			
6R48.	Ss.	N.C.						

Course 7, Right

Course 7, Left

7LA1.	M.	Australia
7LB1.	M.	Austria
7LA2.	Ls.	Portugal
7LB2.	M.	Austria
7LA3.	Ls.	Hungary
7LB3.	M.	Austria
7LA4.	Ls.	Hungary
7LB4.	M.	Austria
7LA5.	Ls.	Hungary
7LB5.	M.	Austria
7LA6.	Ls.	Hungary
7LB6.	M.	Austria
7LA7.	Ls.	Ala.
7LB7.	M.	Austria
7LA8.	Ls.	Ark.
7LB8.	M.	Austria
7LA9.	Ls.	Conn.
7LB9.	M.	Hungary
7LA10.	Ls.	Fla.
7LB10.	M.	Austria
7LA11.	M.	Ga.
7LB11.	M.	Austria

7RA1.	Ls.	Portugal
7RB1.	M.	Austria
7RA2.	M.	Australia
7RB2.	M.	Austria
7RA3.	M.	Australia
7RB3.	M.	Austria
7RA4.	M.	Hungary
7RB4.	M.	Austria
7RA5.	Ls.	Hungary
7RB5.	M.	Austria
7RA6.	Ls.	Hungary
7RB6.	M.	Austria
7RA7.	Ls.	Hungary
7RB7.	M.	Austria
7RA8.	Ls.	Ala.
7RB8.	M.	Austria
7RA9.	Ls.	Ala.
7RB9.	M.	Austria
7RA10.	M.	Ark.
7RB10.	M.	Austria
7RA11.	Ls.	Conn.
7RB11.	M.	Austria
7RA12.	M.	Ga.
7RB12.	M.	Austria

8LA1.	M.	Portugal
8LB1.	M.	Portugal
8LA2.	M.	Portugal
8LB2.	M.	Portugal
8LA3.	M.	Portugal
8LB3.	M.	Portugal
8LA4.	M.	Tenn.
8LB4.	M.	Tenn.
8LA5.	M.	Tenn.
8LB5.	M.	Tenn.
8LA6.	Ls.	N.Y.
8LB6.	Ls.	Nebr.
8LA7.	M.	Austria
8LB7.	Ls.	Austria H.
8LA8.	M.	Ohio
8LB8.	Ls.	Canada
8LA9.	Ls.	Bermuda
8LB9.	Ls.	Unknown
8LA10.	M.	Cuba
8LB10.	M.	Tex.
8LA11.	Ls.	Ill.
8LB11.	M.	Cuba
8LA12.	Ls.	Ill.
8LB12.	M.	Tex.

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
8LA13.	Ls.	Ind.	8RA9.	Ls.	Canada	9LA6.	M.	Austria H.
8LB13.	M.	Tex.	8RB9.	Ls.	Ohio	9LB6.	M.	Austria H.
8LA14.	Ls.	Ind.	8RA10.	Ls.	Bermuda	9LA7.	M.	Vt.
8LB14.	M.	Utah	8RB10.	Ls.	Ill.	9LB7.	M.	Vt.
8LA15.	Ls.	Ind.	8RA11.	Ls.	Cuba	9LA8.	M.	Vt.
8LB15.	Ls.	Wis.	8RB11.	M.	Ill.	9LB8.	M.	Iowa
8LA16.	Ls.	Ky.	8RA12.	Ls.	Cuba	9LA9.	Ls.	Iowa
8LB16.	Ls.	Miss.	8RB12.	M.	Ind.	9LB9.	Ls.	Iowa
8LA17.	Ls.	Ky.	8RA13.	Ls.	Tex.	9LA10.	Ls.	Iowa
8LB17.	Ls.	Pa.	8RB13.	Ls.	Ind.	9LB10.	Ls.	Iowa
8LA18.	Slate.	Pa.	8RA14.	Ls.	Tex.	9LA11.	Ls.	Iowa
8LB18.	Serp.	Pa.	8RB14.	M.	Tex.	9LB11.	Ls.	Iowa
8LA19.	Diabase.	Pa.	8RA15.	Ls.	Ind.	9LA12.	Ls.	Iowa
8LB19.	Diorite	Pa.	8RB15.	Ls.	Utah	9LB12.	Ls.	Iowa
8LA20.	Ss.	Ohio	8RA16.	Ls.	Ind.	9LA13.	Ls.	Kans.
8LB20.	Ss.	Ohio	8RB16.	Ls.	Wis.	9LB13.	Ls.	Iowa
8LA21.	Ss.	Ohio	8RA17.	Ls.	Ky.	9LA14.	Ls.	Spain
8LB21.	Ss.	Ohio	8RB17.	Ls.	Pa.	9LB14.	Ls.	Iowa
8LA22.	Diabase.	Mass.	8RA18.	Ls.	Ky.	9LA15.	M.	Siam
8LB22.	Gr.	Mass.	8RB18.	Ss.	Pa.	9LB15.	M.	Mass.
8LA23.	Diabase.	Mass.	8RA19.	Ss.	Pa.	9LA16.	Ls.	Minn.
8LB23.	Gr.	N.C.	8RB19.	Ss.	Pa.	9LB16.	Ls.	Md.
8LA24.	Ss.	N.C.	8RA20.	Ss.	Ohio	9LA17.	Ss.	Pa.
8LB24.	Gr.	N.C.	8RB20.	Ss.	Ohio	9LB17.	Ss.	Pa.
8LA25.	Ss.	N.C.	8RA21.	Ss.	Ohio	9LA18.	Ss.	Pa.
8LB25.	Gr.	N.C.	8RB21.	Ss.	Ohio	9LB18.	Ss.	Pa.
8LA26.	Ss.	N.C.	8RA22.	Gn.	Mass.	9LA19.	Ss.	Pa.
8LB26.	Gr.	N.C.	8RB22.	Gr.	Mass.	9LB19.	Slate.	Pa.
8LA27.	Diabase.	Maine	8RA23.	Ss.	Mass.	9LA20.	Ss.	Pa.
8LB27.	Gr.	Maine	8RB23.	Gr.	N.C.	9LB20.	Cong.	Pa.
8LA28.	Ss.	N.Y.	8RA24.	Ss.	N.C.	9LA21.	Ss.	Ohio
8LB28.	Ss.	N.Y.	8RB24.	Gr.	N.C.	9LB21.	Ss.	Ohio
8LA29.	Ss.	N.Y.	8RA25.	Ss.	N.C.	9LA22.	Ss.	Ohio
8LB29.	Ss.	N.Y.	8RB25.	Gr.	N.C.	9LB22.	Ss.	Ohio
8LA30.	Ss.	N.Y.	8RA26.	Ss.	N.C.	9LA23.	Gr.	Mass.
8LB30.	Ss.	N.Y.	8RB26.	Gr.	N.C.	9LB23.	Ss.	Ohio
8LA31.	Ss.	Ky.	8RA27.	Schist	Maine	9LA24.	Gr.	Mass.
8LB31.	Ss.	Ky.	8RB27.	Gr.	Maine	9LB24.	Gn.	Mass.
8LA32.	Ss.	Tex.	8RA28.	Ss.	N.Y.	9LA25.	Ss.	N.C.
8LB32.	Ss.	Tex.	8RB28.	Ss.	N.Y.	9LB25.	Serp.	N.C.
8LA33.	Ss.	Colo.	8RA29.	Ss.	N.Y.	9LA26.	Sa.	N.C.
8LB33.	Ss.	Colo.	8RB29.	Ss.	N.Y.	9LB26.	Ss.	Australia
8LA34.	Ss.	Minn.	8RA30.	Ss.	N.Y.	9LA27.	Ss.	Australia
8LB34.	Ss.	Minn.	8RB30.	Ss.	N.Y.	9LB27.	Ss.	Australia
8LA35.	Ss.	Conn.	8RA31.	Ss.	Ky.	9LA28.	Ss.	N.Y.
8LB35.	Ss.	Conn.	8RB31.	Ss.	Ky.	9LB28.	Ss.	N.Y.
8LA36.	Ss.	Mo.	8RA32.	Ss.	Tex.	9LA29.	Ss.	N.Y.
8LB36.	Ss.	Scotland	8RB32.	Ss.	Tex.	9LB29.	Ss.	N.Y.
8LA37.	Ss.	Mo.	8RA33.	Ss.	Colo.	9LA30.	Ss.	N.Y.
8LB37.	Ss.	Mo.	8RB33.	Ss.	Colo.	9LB30.	Ss.	N.Y.
8LA38.	Ss.	Ariz.	8RA34.	Ss.	Minn.	9LA31.	Slate.	N.Y.
8LB38.	Ss.	Ariz.	8RB34.	Ss.	Minn.	9LB31.	Ss.	N.Y.
8LA39.	Ss.	Kans.	8RA35.	Ss.	Conn.	9LA32.	Ss.	Tex.
8LB39.	Ss.	W.Va.	8RB35.	Ss.	Conn.	9LB32.	QI.	N.Y.
8LA40.	Ss.	W.Va.	8RA36.	Ss.	Mo.	9LA33.	Ss.	Ariz.
8LB40.	Ss.	W.Va.	8RB36.	Ss.	Scotland	9LB33.	Pyroph.	Mex.
8LA41.	Ss.	Miss.	8RA37.	Ss.	Mo.	9LA34.	Ss.	W.Va.
8LB41.	Ser.	Md.	8RB37.	Ss.	Mo.	9LB34.	Ss.	Oreg.
8LA42.	Ss.	N.J.	8RA38.	Tuff.	Ariz.	9LA35.	Gr.	N.J.
8LB42.	Ss.	N.J.	8RB38.	Gn.	Md.	9LB35.	QI.	S.D.
8LA43.	Ss.	Mont.	8RA39.	Ss.	W.Va.	9LA36.	Cong.	N.J.
8LB43.	Ss.	Mont.	8RB39.	Ss.	N.J.	9LB36.	Ss.	Ala.
8LA44.	Gr.	Wis.	8RA40.	Ss.	N.J.	9LA37.	Serp.	Unknown
8LB44.	Gr.	Wis.	8RB40.	Ss.	N.J.	9LB37.	Ss.	Oreg.
8LA45.	Ss.	Wash.	8RA41.	Ss.	N.J.	9LA38.	Ss.	Ind.
8LB45.	Gn.	Wis.	8RB41.	Ss.	N.J.	9LB38.	Diabase.	Oreg.
8LA46.	Ss.	Wash.	8RA42.	Basalt.	Ore.	9LA39.	Ss.	Ind.
8LB46.	Ss.	Wash.	8RB42.	Ss.	Mont.	9LB39.	Diabase.	Ill.
8LA47.	Ss.	N.Mex.	8RA43.	Ss.	Mont.	9LA40.	Ss.	Ind.
8LB47.	Ss.	N.Mex.	8RB43.	Ss.	Mont.	9LB40.	Ss.	Ill.
8LA48.	Ss.	Ohio	8RA44.	Ss.	Mich.	9LA41.	Ss.	Ind.
			8RB44.	Ss.	Mich.	9LB41.	Ss.	Ill.
			8RA45.	Ss.	Wash.	9LA42.	Ss.	Wis.
			8RB45.	Ss.	Wis.	9LB42.	Ss.	Wash.
			8RA46.	Ss.	Wash.	9LA43.	Ss.	Fla.
			8RB46.	Ss.	Wash.	9LB43.	Ss.	Wyo.
			8RA47.	Ss.	N.Mex.	9LA44.	Ss.	Canada
			8RB47.	Gr.	Wash.	9LB44.	Ss.	Canada
			8RA48.	Ss.	Ohio	9LA45.	Ss.	Canada
						9LB45.	Gr.	Canada
						9LA46.	Ss.	Canada

Course 8, Right

8RA1.	M.	Portugal
8RB1.	M.	Portugal
8RA2.	Ls.	Portugal
8RB2.	Ls.	Portugal
8RA3.	Ls.	Portugal
8RB3.	Ls.	Portugal
8RA4.	Ls.	Tenn.
8RB4.	M.	Tenn.
8RA5.	M.	Tenn.
8RB5.	M.	Tenn.
8RA6.	Ls.	N.Y.
8RB6.	M.	Tenn.
8RA7.	M.	Austria H.
8RB7.	Ls.	Nebr.
8RA8.	M.	Austria H.
8RB8.	M.	W.Va.

Course 9, Left

9LA1.	Ls.	Portugal
9LB1.	M.	Portugal
9LA2.	M.	Tenn.
9LB2.	M.	Tenn.
9LA3.	M.	Colo.
9LB3.	M.	Tenn.
9LA4.	Ls.	Colo.
9LB4.	M.	N.C.
9LA5.	Ls.	Mo.
9LB5.	Ls.	Oklahoma

Course 9, Right

9RA1.	M.	Portugal
9RB1.	Ls.	Portugal
9RA2.	M.	Tenn.
9RB2.	M.	Tenn.
9RA3.	Ls.	Colo.
9RB3.	M.	Tenn.
9RA4.	M.	Colo.
9RB4.	M.	N.C.
9RA5.	Ls.	Mo.
9RB5.	Ls.	N.C.

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
9RA6	M.	Austria H.	10LA6	Mg.Ls.	Tenn.	10RA2	Mg.M.	Wash.
9RB6	M.	Austria H.	10LB6	Ls.	Mo.	10RB2	M.	Portugal
9RA7	M.	Vt.	10LA7	Mg.Ls.	N.Y.	10RA3	M.	Vt.
9RB7	M.	Vt.	10LB7	Ls.	Mo.	10RB3	M.	Austria
9RA8	M.	Vt.	10LA8	D.	Pa.	10RA4	M.	Vt.
9RB8	M.	Vt.	10LB8	Ls.	Hungary	10RB4	M.	Austria
9RA9	Ls.	Iowa	10LA9	D.	Kans.	10RA5	M.	Vt.
9RB9	Ls.	Iowa	10LB9	M.	Ohio	10RB5	Trav.	Colo.
9RA10	Ls.	Iowa	10LA10	Mg.Ls.	Vt.	10RA6	Mg.M.	Vt.
9RB10	Ls.	Iowa	10LB10	M.	Ohio	10RB6	Ls.	Mo.
9RA11	Ls.	Iowa	10LA11	D.	Vt.	10RA7	D.M.	Vt.
9RB11	Ls.	Iowa	10LB11	M.	Ohio	10RB7	Ls.	Ls.
9RA12	Ls.	Iowa	10LA12	Mg.Ls.	Ohio	10RA8	Mg.M.	Mo.
9RB12	Ls.	Iowa	10LB12	D.	Kans.	10RB8	Ls.	Tenn.
9RA13	Ls.	Kans.	10LA13	D.	Md.	10RA9	D.	Mo.
9RB13	Ls.	Iowa	10LB13	Ls.	Iowa	10RB9	D.	Wis.
9RA14	Ls.	Spain	10LA14	M.	Vt.	10RA10	Mg.Ls.	Vt.
9RB14	Ls.	Iowa	10LB14	M.	England	10RB10	M.	N.Y.
9RA15	M.	Spain	10LA15	M.	Vt.	10RA11	D.	Vt.
9RB15	M.	Mass.	10LB15	M.	Argentina	10RB11	M.	Pa.
9RA16	Ls.	Minn.	10LA16	M.	Vt.	10RA12	D.	Cuba
9RB16	M.	Md.	10LB16	M.	Pa.	10RB12	Ls.	Kans.
9RA17	Slate	Pa.	10LA17	M.	Australia	10RA13	D.	Iowa
9RB17	Ss.	Unknown	10LB17	Soapstone	Pa.	10RB13	Ls.	Ohio
9RA18	Ss.	Pa.	10LA18	Ls.	Iowa	10RA14	D.	Ind.
9RB18	Ss.	Pa.	10LB18	Slate	Pa.	10RB14	Ls.	Ohio
9RA19	Ss.	Pa.	10LA19	Ls.	Iowa	10RA15	D.	England
9RB19	Ss.	Pa.	10LB19	Ss.	Pa.	10RB15	M.	Vt.
9RA20	Ss.	Ohio	10LA20	Ls.	Iowa	10RA16	M.	Argentina
9RB20	Ss.	Ohio	10LB20	Ss.	Ohio	10RB16	M.	Vt.
9RA21	Ss.	Ohio	10LA21	Ls.	Mo.	10RA17	M.	Vt.
9RB21	Ss.	Ohio	10LB21	Gr.	Mass.	10RB17	Ls.	Spain
9RA22	Ss.	Ohio	10LA22	Trav.M.	Ariz.	10RA18	M.	Vt.
9RB22	Gr.	Mass.	10LB22	Gn.	Mass.	10RB18	M.	Va.
9RA23	Gr.	Mass.	10LA23	M.	Cuba	10RA19	M.	Vt.
9RB23	Gr.	Maine	10LB23	Gr.	Mass.	10RB19	M.	N.C.
9RA24	Ss.	N.C.	10LA24	Ls.	Kans.	10RA20	Shell Ls.	Tex.
9RB24	Ss.	Australia	10LB24	Gr.	Mass.	10RB20	Slate	Pa.
9RA25	Ss.	N.C.	10LA25	Ls.	Kans.	10RA21	Trav.M.	Ariz.
9RB25	Ss.	Australia	10LB25	Gn.	Mass.	10RB21	Slate	Pa.
9RA26	Ss.	N.Y.	10LA26	Shell Ls.	Tex.	10RA22	Ls.	Kans.
9RB26	Ss.	N.Y.	10LB26	Melaphyre	Mass.	10RB22	Ss.	Ohio
9RA27	Ss.	N.Y.	10LA27	M.	Italy	10RA23	Ls.	Kans.
9RB27	Ss.	N.Y.	10LB27	Gr.	N.C.	10RB23	Gr.	Mass.
9RA28	Ss.	N.Y.	10LA28	M.	Italy	10RA24	Ls.	Kans.
9RB28	Ss.	N.Y.	10LB28	Slate	Maine	10RB24	Gr.	Mass.
9RA29	Ss.	N.Y.	10LA29	Trav.M.	Italy	10RA25	M.	Cuba
9RB29	Ss.	N.Y.	10LB29	Gr.	Maine	10RB25	Gr.	Maine
9RA30	State	N.Y.	10LA30	Diabase	Maine	10RA26	M.	Italy
9RB30	Ss.	N.Y.	10LB30	Gr.	Maine	10RB26	Slate	Maine
9RA31	Gn.	Conn.	10LA31	Gr.	Maine	10RA27	M.	Italy
9RB31	Pyroph.	Mex.	10LB31	Gr.	Maine	10RB27	Gr.	Maine
9RA32	Ss.	Italy	10LA32	Gr.	Maine	10RA28	Trav.M.	Italy
9RB32	Ss.	Mo.	10LB32	Ss.	N.Y.	10RB28	Gr.	Maine
9RA33	Ss.	Minn.	10LA33	Gr.	Tex.	10RA29	M.	Andesite
9RB33	Ss.	Ariz.	10LB33	Ss.	Tex.	10RB29	Ss.	Ss.
9RA34	Ss.	Mo.	10LA34	Gr.	Maine	10RA30	Ss.	Ss.
9RB34	Ss.	Ala.	10LB34	Gn.	Conn.	10RB30	Slate	N.Y.
9RA35	Ss.	Ariz.	10LA35	QP.	Minn.	10RA31	Ss.	Kans.
9RB35	Ss.	W.Va.	10LB35	Gn.	Conn.	10RB31	Ss.	Kans.
9RA36	Ss.	W.Va.	10LA36	Serp.	England	10RA32	Ss.	Tex.
9RB36	Ss.	N.J.	10LB36	Ss.	Kans.	10RB32	Ss.	Kans.
9RA37	Ss.	Spain	10LA37	Ss.	Kans.	10RA33	Ss.	Colo.
9RB37	Ss.	Oreg.	10LB37	Ss.	W.Va.	10RB33	Ss.	Kans.
9RA38	Tuff	Spain	10LA38	Dacite	Mexico	10RA34	Gr.	Conn.
9RB38	Ss.	Oreg.	10LB38	Ss.	Colo.	10RB34	Gr.	Va.
9RA39	Ss.	Wyo.	10LA39	Ss.	Mexico	10RA35	Basalt	Mexico
9RB39	Ss.	Ind.	10LB39	Pyroph.	Mexico	10RB35	Gr.	N.H.
9RA40	Diorite	Wyo.	10LA40	Tuff	Mexico	10RB35	Pumice	Mexico
9RB40	Ss.	Ind.	10LB40	QI.	S.Dak.	10RA36	Gr.	N.H.
9RA41	Ss.	Ill.	10LA41	Tuff	Mexico	10RB36	Ss.	Mo.
9RB41	Ss.	Wis.	10LB41	QI.	Md.	10RA37	Gr.	N.H.
9RA42	Ss.	Ill.	10LA42	Diabase	N.J.	10RB37	Ss.	W.Va.
9RB42	Ss.	Portugal	10LB42	Gr.	Mont.	10RA38	Gr.	N.H.
9RA43	Ss.	Idaho	10LA43	Gr.	N.H.	10RB38	Gr.	Unknown
9RB43	Ss.	Canada	10LB43	Gr.	N.H.	10RA39	Gr.	N.H.
9RA44	Ss.	Iowa	10LA44	Gr.	N.H.	10RB39	Ss.	Unknown
9RB44	Ss.	Canada	10LB44	Gr.	N.H.	10RA40	Gr.	N.H.
9RA45	Ss.	Canada	10LA45	Gr.	N.H.	10RB40	Gr.	N.H.
9RA46	Ss.	Canada	10LB46	Gr.	N.H.	10RA41	Gr.	N.H.

Course 10, Left

10LA1	Mg.M.	Wash.
10LB1	Cong.M.	Portugal
10LA2	Mg.M.	Vt.
10LB2	Vt.	Portugal
10LA3	DM.	Tenn.
10LB3	M.	Tenn.
10LA4	DM.	Vt.
10LB4	M.	Tenn.
10LA5	D.	Wis.
10LB5	Trav.	Colo.

Course 10, Right

10RA1	Mg.M.	Va.
10RB1	Cong.M.	Portugal

10RA2	M.	Wash.
10RB2	M.	Portugal
10RA3	M.	Vt.
10RB3	M.	Austria
10RA4	D.	Vt.
10RB4	D.	Austria
10RA5	M.	Vt.
10RB5	M.	Portugal
10RA6	M.	Vt.
10RB6	M.	Mo.
10RA7	D.	Vt.
10RB7	D.	Colo.
10RA8	M.	Mo.
10RB8	M.	Tenn.
10RA9	D.	Wis.
10RB9	D.	Portugal
10RA10	M.	Vt.
10RB10	M.	Mo.
10RA11	D.	Pa.
10RB11	D.	Pa.
10RA12	M.	Pa.
10RB12	M.	Pa.
10RA13	M.	Pa.
10RB13	M.	Pa.
10RA14	M.	Pa.
10RB14	M.	Pa.
10RA15	M.	Pa.
10RB15	M.	Pa.
10RA16	M.	Pa.
10RB16	M.	Pa.
10RA17	M.	Pa.
10RB17	M.	Pa.
10RA18	M.	Pa.
10RB18	M.	Pa.
10RA19	M.	Pa.
10RB19	M.	Pa.
10RA20	M.	Pa.
10RB20	M.	Pa.
10RA21	M.	Pa.
10RB21	M.	Pa.
10RA22	M.	Pa.
10RB22	M.	Pa.
10RA23	M.	Pa.
10RB23	M.	Pa.
10RA24	M.	Pa.
10RB24	M.	Pa.
10RA25	M.	Pa.
10RB25	M.	Pa.
10RA26	M.	Pa.
10RB26	M.	Pa.
10RA27	M.	Pa.
10RB27	M.	Pa.
10RA28	M.	Pa.
10RB28	M.	Pa.
10RA29	M.	Pa.
10RB29	M.	Pa.
10RA30	M.	Pa.
10RB30	M.	Pa.
10RA31	M.	Pa.
10RB31	M.	Pa.
10RA32	M.	Pa.
10RB32	M.	Pa.
10RA33	M.	Pa.
10RB33	M.	Pa.
10RA34	M.	Pa.
10RB34	M.	Pa.
10RA35	M.	Pa.
10RB35	M.	Pa.
10RA36	M.	Pa.
10RB36	M.	Pa.
10RA37	M.	Pa.
10RB37	M.	Pa.
10RA38	M.	Pa.
10RB38	M.	Pa.
10RA39	M.	Pa.
10RB39	M.	Pa.
10RA40	M.	Pa.
10RB40	M.	Pa.
10RA41	M.	Pa.
10RB41	M.	Pa.
10RA42	M.	Pa.
10RB42	M.	Pa.
10RA43	M.	Pa.
10RB43	M.	Pa.
10RA44	M.	Pa.
10RB44	M.	Pa.
10RA45	M.	Pa.
10RB45	M.	Pa.
10RA46	M.	Pa.
10RB46	M.	Pa.
10RA47	M.	Pa.
10RB47	M.	Pa.
10RA48	M.	Pa.
10RB48	M.	Pa.
10RA49	QI.	Pa.
10RB49	QI.	Pa.
10RA50	Serp.	Pa.
10LB49	Serp.	Pa.
10LA50	Ss.	Pa.
10LB50	Ss.	Pa.
10LA51	Slate	Pa.
10LB51	Slate	Pa.
10RA52	R.I.	Pa.
10RB52	R.I.	Pa.
10RA53	R.I.	Pa.
10RB53	R.I.	Pa.
10RA54	R.I.	Pa.
10RB54	R.I.	Pa.
10RA55	R.I.	Pa.
10RB55	R.I.	Pa.
10RA56	R.I.	Pa.
10RB56	R.I.	Pa.
10RA57	R.I.	Pa.
10RB57	R.I.	Pa.
10RA58	R.I.	Pa.
10RB58	R.I.	Pa.
10RA59	R.I.	Pa.
10RB59	R.I.	Pa.
10RA60	R.I.	Pa.
10RB60	R.I.	Pa.
10RA61	R.I.	Pa.
10RB61	R.I.	Pa.
10RA62	R.I.	Pa.
10RB62	R.I.	Pa.
10RA63	R.I.	Pa.
10RB63	R.I.	Pa.
10RA64	R.I.	Pa.
10RB64	R.I.	Pa.
10RA65	R.I.	Pa.
10RB65	R.I.	Pa.
10RA66	R.I.	Pa.
10RB66	R.I.	Pa.
10RA67	R.I.	Pa.
10RB67	R.I.	Pa.
10RA68	R.I.	Pa.
10RB68	R.I.	Pa.
10RA69	R.I.	Pa.
10RB69	R.I.	Pa.
10RA70	R.I.	Pa.
10RB70	R.I.	Pa.
10RA71	R.I.	Pa.
10RB71	R.I.	Pa.
10RA72	R.I.	Pa.
10RB72	R.I.	Pa.
10RA73	R.I.	Pa.
10RB73	R.I.	Pa.
10RA74	R.I.	Pa.
10RB74	R.I.	Pa.
10RA75	R.I.	Pa.
10RB75	R.I.	Pa.
10RA76	R.I.	Pa.
10RB76	R.I.	Pa.
10RA77	R.I.	Pa.
10RB77	R.I.	Pa.
10RA78	R.I.	Pa.
10RB78	R.I.	Pa.
10RA79	R.I.	Pa.
10RB79	R.I.	Pa.
10RA80	R.I.	Pa.
10RB80	R.I.	Pa.
10RA81	R.I.	Pa.
10RB81	R.I.	Pa.
10RA82	R.I.	Pa.
10RB82	R.I.	Pa.
10RA83	R.I.	Pa.
10RB83	R.I.	Pa.
10RA84	R.I.	Pa.
10RB84	R.I.	Pa.
10RA85	R.I.	Pa.
10RB85	R.I.	Pa.
10RA86	R.I.	Pa.
10RB86	R.I.	Pa.
10RA87	R.I.	Pa.
10RB87	R.I.	Pa.
10RA88	R.I.	Pa.
10RB88	R.I.	Pa.
10RA89	R.I.	Pa.
10RB89	R.I.	Pa.
10RA90	R.I.	Pa.
10RB90	R.I.	Pa.
10RA91	R.I.	Pa.
10RB91	R.I.	Pa.
10RA92	R.I.	Pa.
10RB92	R.I.	Pa.
10RA93	R.I.	Pa.
10RB93	R.I.	Pa.
10RA94	R.I.	Pa.
10RB94	R.I.	Pa.
10RA95	R.I.	Pa.
10RB95	R.I.	Pa.
10RA96	R.I.	Pa.
10RB96	R.I.	Pa.
10RA97	R.I.	Pa.
10RB97	R.I.	Pa.
10RA98	R.I.	Pa.
10RB98	R.I.	Pa.
10RA99	R.I.	Pa.
10RB99	R.I.	Pa.
10RA100	R.I.	Pa.
10RB100	R.I.	Pa.

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
10RB49.....	QP.....	Wis.	12LA2.....	D.M.....		12LB2.....	D.....	Calif.
10RB50.....	Serp.....	N. Mex.	12LA3.....	D.....		12LB3.....	D.....	N.C.
10R51.....	Slate.....	Pa.	Course 11, Right			12LA4.....	Mg. Ls.	Ill.
Course 11, Left								
11LA1.....	D.....	Ind.	11RA1.....	D.....	Ind.	12LA5.....	Mg. M.	Tenn.
11LB1.....	D.....	Ind.	11RB1.....	D.....	Ill.	12LA6.....	Mg. M.	N.Y.
11LA2.....	D.....	Mich.	11RA2.....	Mg. M.	Wash.	12LA7.....	Mg. Ls.	Wis.
11LB2.....	D.....	Wis.	11RB2.....	D.....	Tex.	12LA8.....	Mg. M.	N.Y.
11LA3.....	D.....	Wis.	11RA3.....	D.....	Ill.	12LA9.....	D.....	Pa.
11LB3.....	D.M.....	N.Y.	11RB3.....	Mg. Ls.	Tex.	12LA10.....	D.....	Ohio
11LA4.....	Mg. Ls.	N.Y.	11RA4.....	Mg. M.	Tenn.	12LB1.....	D.....	Ohio
11LB4.....	D.M.....	N.Y.	11RB4.....	D.....	Wis.	12LA11.....	D.....	Ohio
11LA5.....	Mg. Ls.	Minn.	11RA5.....	D.....	Mich.	12LB12.....	D.....	Ohio
11LB5.....	D.....	Minn.	11RB5.....	Mg. Ls.	N.Y.	12LB13.....	D.....	Iowa
11LA6.....	D.....	Minn.	11RA6.....	Mg. Ls.	N.Y.	12LB14.....	D.....	Iowa
11LB6.....	D.....	Pa.	11RB6.....	D.M.	N.Y.	12LB15.....	Mg. Ls.	Iowa
11LA7.....	D.M.....	Pa.	11RA7.....	D.....	N.Y.	12LB16.....	D.....	Iowa
11LB7.....	D.....	Pa.	11RB7.....	Mg. Ls.	N.Y.	12LB17.....	D.....	Iowa
11LA8.....	Mg. Ls.	Kans.	11RA8.....	Mg. Ls.	Pa.	12LA1.....	D.....	Iowa
11LB8.....	D.....	Kans.	11RB8.....	D.....	Pa.	12LB18.....	M.....	Mo.
11LA9.....	D.....	Ohio	11RA9.....	D.M.	Dcl.	12LB19.....	M.....	Mo.
11LB9.....	D.M.....	Pa.	11RB9.....	D.....	Kans.	12LB10.....	Mg. Ls.	Iowa
11LA10.....	D.M.....	Ga.	11RA10.....	D.....	Ohio	12LB11.....	D.....	Wyo.
11LB10.....	Mg. Ls.	Kans.	11RB10.....	D.....	Kans.	12LB12.....	D.....	Ky.
11LA11.....	D.....	Ky.	11RA11.....	D.....	Mo.	12LB13.....	D.....	Mont.
11LB11.....	D.....	Ohio	11RB11.....	D.M.	Conn.	12LA1.....	Mg. Ls.	Mo.
11LA12.....	D.....	Mo.	11RA12.....	D.....	Mo.	12LB14.....	D.....	Mo.
11LB12.....	D.....	Ohio	11RB12.....	D.....	Mo.	12LA15.....	D.....	Iowa
11LA13.....	D.....	Mo.	11RA13.....	D.....	Mo.	12LB16.....	D.....	Mo.
11LB13.....	D.....	Utah	11RB13.....	D.....	Mo.	12LB17.....	D.....	Iowa
11LA14.....	Mg. Ls.	Iowa	11RA14.....	D.....	Iowa	12LA18.....	D.....	Iowa
11LB14.....	D.....	Mo.	11RB14.....	D.....	Iowa	12LB19.....	M.....	Iowa
11LA15.....	D.....	Iowa	11RA15.....	D.....	Iowa	12LB20.....	M.....	Iowa
11LB15.....	D.....	Mo.	11RB15.....	D.....	Iowa	12LB21.....	Ls.	Iowa
11LA16.....	D.....	Iowa	11RA16.....	D.....	Iowa	12LB22.....	Ls.	Iowa
11LB16.....	M.....	Vt.	11RB16.....	M.....	Vt.	12LB23.....	M.....	Mo.
11LA17.....	D.....	Iowa	11RA17.....	M.....	Vt.	12LB24.....	M.....	Kans.
11LB17.....	M.....	Vt.	11RB17.....	M.....	Vt.	12LB25.....	M.....	Canada
11LA18.....	M.....	Vt.	11RA18.....	M.....	Vt.	12LB26.....	M.....	Kans.
11LB18.....	M.....	Vt.	11RB18.....	M.....	Vt.	12LB27.....	M.....	Italy
11LA19.....	M.....	Vt.	11RA19.....	Ls.	Iowa	12LB28.....	M.....	Italy
11LB19.....	M.....	Vt.	11RB19.....	M.....	Iowa	12LB29.....	M.....	Italy
11LA20.....	Ls.	Iowa	11RA20.....	M.....	Tex.	12LB30.....	M.....	Italy
11LB20.....	Ls.	Iowa	11RB20.....	Ls.	Iowa	12LB31.....	M.....	Italy
11LA21.....	Ls.	Mo.	11RA21.....	Ls.	Mo.	12LB32.....	Ls.	Italy
11LB21.....	Ls.	Mo.	11RB21.....	M.....	Mo.	12LB33.....	M.....	Tenn.
11LA22.....	M.....	Cuba	11RA22.....	Ls.	Mo.	12LB34.....	M.....	Fla.
11LB22.....	Ls.	Kans.	11RB22.....	Ls.	Ark.	12LB35.....	M.....	Italy
11LA23.....	Ls.	Kans.	11RA23.....	Ls.	Nebr.	12LB36.....	M.....	Fla.
11LB23.....	M.....	Tenn.	11RB23.....	M.....	Cuba	12LB37.....	M.....	Wis.
11LA24.....	M.....	Tenn.	11RA24.....	M.....	Cuba	12LB38.....	M.....	Md.
11LB24.....	M.....	Italy	11RB24.....	M.....	Italy	12LB39.....	M.....	Pa.
11LA25.....	Ls.	Tenn.	11RA25.....	Ls.	Italy	12LB40.....	M.....	Ill.
11LB25.....	Ss.	Italy	11RB25.....	Ls.	Kans.	12LB41.....	M.....	Ohio
11LA26.....	M.....	Tenn.	11RA26.....	Ls.	Kans.	12LB42.....	M.....	Ill.
11LB26.....	Ss.	Iowa	11RB26.....	Ss.	S.Dak.	12LB43.....	M.....	Unknown
11LA27.....	M.....	Iowa	11RA27.....	Ls.	Kans.	12LB44.....	M.....	N.C.
11LB27.....	QI.....	Tenn.	11RB27.....	Gr.	Va.	12LB45.....	M.....	Unknown
11LA28.....	M.....	Ark.	11RA28.....	Ls.	Tenn.	12LB46.....	M.....	Ind.
11LB28.....	Ss.	Scotland	11RB28.....	Gr.	Va.	12LB47.....	M.....	N.C.
11LA29.....	M.....	Italy	11RA29.....	Ls.	Tenn.	12LB48.....	M.....	Ind.
11LB29.....	Ss.	Mo.	11RB29.....	Ss.	Va.	12LB49.....	M.....	Ind.
11LA30.....	M.....	N.Y.	11RA30.....	M.....	Tenn.	12LB50.....	M.....	Ky.
11LB30.....	Ss.	Mo.	11RB30.....	Biotite Schist.	Va.	12LA33.....	Ls.	Ind.
11LA31.....	Trav.	S.Dak.	11RA31.....	M.....	Tenn.	12LB33.....	Ls.	N.C.
11LB31.....	Ss.	Kans.	11RB31.....	Diabase.	Va.	12LB34.....	Ls.	Ind.
11LA32.....	M.....	Mont.	11RA32.....	M.....	Tenn.	12LB34.....	M.....	N.C.
11LB32.....	Ss.	Utah	11RB32.....	Gr.	Va.	12LB35.....	Ls.	Ind.
11LA33.....	Ls.	Ohio	11RA33.....	M.....	Italy	12LB35.....	Ls.	Ind.
11LB33.....	Gr.	N.H.	11RB33.....	Ss.	Oreg.	12LB36.....	Ls.	Ky.
11LA34.....	M.....	S.C.	11RA34.....	M.....	Pa.	12LB36.....	Ls.	Ind.
11LB34.....	Porph.	N.H.	11RB34.....	Ss.	Oreg.	12LB37.....	Ls.	Ala.
11LA35.....	Gr.	Va.	11RA35.....	Gn. Cong.	Tenn.	12LB37.....	Ls.	Ky.
11LB35.....	Ss.	Va.	11RB35.....	Ss.	Mont.	12LB38.....	M.....	Ala.
11LA36.....	Ss.	Portugal	11RA36.....	Gr.	Tenn.	12LB39.....	Ls.	Ala.
11LB36.....	Diabase.	Va.	11RB36.....	Gr.	N.H.	12LA40.....	M.....	Ala.
11LA37.....	Ss.	Portugal	11RA37.....	Ss.	Tenn.			
11LB37.....	Gr.	Va.	11RB37.....	Ss.	N.J.	Course 12, Right		
11LA38.....	Ss.	Tenn.	11RA38.....	Ss.	Tenn.	12RA1.....	Mg. Ls.	Ind.
11LB38.....	Gr.	Va.	11RB38.....	Ss.	N.J.	12RB1.....	D.....	Ind.
11LA39.....	Ss.	Tenn.	11RA39.....	Gr.	Tenn.	12RA2.....	Mg. M.	Vt.
11LB39.....	Gr.	Va.	11RB39.....	Gr.	Mich.	12RA3.....	Mg. M.	Vt.
11LA40.....	Ss.	Tenn.	11RB40.....	QP.	Wis.	12RA4.....	Mg. Ls.	Ill.
11LB40.....	Ser. P.	Vt.	11RB41.....	Ss.	Tenn.	12RA5.....	Mg. Ls.	Ill.
11LA41.....	Ss.	Wash.	11RB42.....	Ss.	Wash.	12RA6.....	Mg. Ls.	Tenn.
11LB42.....	Gn.	N.C.	11RB43.....	Ser. P.	N. Mex.	12RA7.....	Mg. Ls.	Wis.
11LB43.....	Ss.	Canada	11RB44.....	Ser. P.	N. Mex.	12RA8.....	Mg. Ls.	N.Y.
11LB44.....	Ss.	N. Mex.	11RB45.....	Ss.	N. Mex.	12RA9.....	Mg. Ls.	N.Y.
11LB45.....	Ss.	Ky.	11RB46.....	Ss.	Canada			
Course 12, Left								
12LA1.....	D.....	Ind.						
12LB1.....	D.....	Ind.						

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
12RB8	Mg.Ls.	N.Y.	13LB14	D.	Iowa	13RA12	D.	Ohio
12RA9	D.	Minn.	13LA15	D.	Iowa	13RB12	D.	Ohio
12RB9	D.	Minn.	13LB15	D.	Iowa	13RA13	D.	Iowa
12RA10	D.M.	Pa.	13LA16	Mg.Ls.	Iowa	13RB13	D.	Mass.
12RB10	D.M.	Pa.	13LB16	Mg.Ls.	Iowa	13RA14	D.	Iowa
12RA11	Mg.Ls.	Ky.	13LA17	M.	Vt.	13RB14	Mg.M.	Iowa
12RB11	Mg.Ls.	Ky.	13LB17	M.	Vt.	13RA15	D.	Iowa
12RA12	D.	Ohio	13LA18	M.	Vt.	13RB15	D.	Iowa
12RB12	D.	Ohio	13LB18	M.	Vt.	13RA16	D.	Iowa
12RA13	D.	Ohio	13LA19	Ls.	Iowa	13RB16	D.	Iowa
12RB13	D.	Ohio	13LB19	M.	Vt.	13RA17	M.	Vt.
12RA14	Mg.Ls.	Ohio	13LA20	Fossil	Iowa	13RB17	M.	Vt.
12RB14	D.	Mo.	13LB20	Coral	Iowa	13RA18	Ls.	Iowa
12RA15	D.	Mo.	13LA21	Ls.	Iowa	13RB18	M.	Vt.
12RB15	D.	Iowa	13LB21	Ls.	Iowa	13RA19	Ls.	Iowa
12RA16	D.	Iowa	13LA22	M.	Cuba	13RB19	M.	Vt.
12RB16	D.	Iowa	13LB22	Ls.	Mo.	13RA20	Ls.	Iowa.
12RA17	D.	Iowa	13LA23	M.	Austria H.	13RB20	M.	Vt.
12RB17	D.	Iowa	13LB23	M.	Cuba	13RA21	Ls.	Iowa
12RA18	M.	Va.	13LA24	M.	Austria H.	13RB21	M.	Vt.
12RB18	M.	Vt.	13LB24	M.	Canada	13RA22	Ss.	Mo.
12RA19	M.	Vt.	13LA25	Ls.	Kans.	13RB22	M.	Tex.
12RB19	M.	Vt.	13LB25	M.	Canada	13RA23	Ls.	Kans.
12RA20	M.	Vt.	13LA26	Ls.	Tex.	13RB23	Ls.	Tex.
12RB20	M.	Vt.	13LB26	Ls.	Tenn.	13RA24	Ls.	Kans.
12RA21	Ls.	Iowa	13LA27	Ls.	Tenn.	13RB24	Ls.	Nebr.
12RB21	Ls.	Mo.	13LA28	M.	Tenn.	13RA25	M.	Cuba
12RA22	M.	Italy	13LB27	Ls.	Tenn.	13RB25	Ls.	N.C.
12RB22	Ls.	Kans.	13LA29	M.	Austria	13RA26	Ls.	Canada
12RA23	Ls.	Tenn.	13LB28	M.	Austria	13RB26	Ls.	Colo.
12RB23	Ls.	Kans.	13LA30	M.	Austria	13RA27	Ls.	Tenn.
12RA24	M.	Italy	13LB29	Ls.	Italy	13RB27	Ls.	Colo.
12RB24	Ls.	Tenn.	13LA31	M.	Austria	13RA28	M.	Tenn.
12RA25	Trav.	Italy	13LB30	M.	Austria	13RB28	M.	Tenn.
12RB25	M.	Tenn.	13LA31	M.	Austria	13RA29	M.	Austria
12RA26	M.	Italy	13LB31	M.	Austria	13RB29	M.	Tenn.
12RB26	M.	Italy	13LA32	M.	Austria	13RA30	M.	Austria
12RA27	Coquina	Fla.	13LB32	Ls.	Spain	13RB30	M.	Austria
12RB27	M.	Italy	13LA33	M.	Minn.	13RA31	M.	Austria
12RA28	Coquina	Fla.	13LB33	M.	Spain	13RB31	M.	Mass.
12RB28	M.	Italy	13LA34	M.	Spain	13RA32	M.	Spain
12RA29	M.	Ohio	13LB34	M.	Spain	13RB32	M.	Spain
12RB29	M.	Italy	13LA35	Ls.	Spain	13RA33	M.	Spain
12RA30	Ls.	Ill.	13LB35	M.	Spain	13RB33	M.	Utah
12RB30	Ls.	N.Y.	13LA36	Ls.	Hungary	13RA34	M.	Spain
12RA31	M.	Md.	13LB36	M.	Utah	13RB34	M.	Ga.
12RB31	M.	Pa.	13LA37	Ls.	N.Y.	13RA35	Ls.	Spain
12RA32	Ls.	Ind.	13LB37	M.	Ga.	13RB35	Ls.	N.Y.
12RB32	Ls.	Pa.	13LA38	M.	Pa.	13RA36	Ls.	Hungary
12RA33	Ls.	Ind.	13LB38	M (Ophiolite).	N.Y.	13RB36	Ls.	
12RB33	Ls.	Ohio	13LA39	M.	Pa.	13RA37	Ls.	
12RA34	Ls.	Ind.	13LB39	Ls.	Pa.	13RB37	Ls.	
12RB34	Ls.	Ill.	13LA40	Ls.	Ohio	13RA38	M.	
12RA35	Ls.	Ind.	13LB40	M.	Md.	13RB38	Ls.	
12RB35	M.	Unknown	13LA41	M.	Md.	13RA39	M.	
12RA36	Ls.	Ky.	13LB41	M.	S.C.	13RB39	Ls.	
12RB36	Ls.	Ind.	13LA42	Ls.	Ill.	13RA40	M.	
12RA37	M.	Ala.	13LB42	Ls.	Ill.	13RB40	Ls.	
12RB37	M.	Portugal	13LA43	Ls.	Ky.	13RA41	Ls.	
12RB38	Ls.	Ky.	13LB43	Ls.	Ky.	13RB41	Ls.	
12RB39	M.	Ala.	13LA44	Ls.	Ky.	13RA42	Ls.	
12RB40	Ls.	Ala.	13LB44	Ls.	Ky.	13RB42	Ls.	
12RA41	M.	Ala.	13LA45	Ls.	Ky.	13RA43	Ls.	
			13LB45	Ls.	Ky.	13RB43	Ls.	
			13LA46	Ls.	Ky.	13RA44	Ls.	
			13LB46	M.	Ala.	13RB44	Ls.	
			13LA47	Ls.	Ala.	13RA45	Ls.	
			13LB47	Ls.	Tex.	13RB45	Ls.	

Course 13, Left

13LA1	Mg.Ls.	Vt.
13LB1	Mg.M.	Va.
13LA2	D.	III.
13LB2	D.	III.
13LA3	Mg.M.	Tenn.
13LB3	Mg.M.	Tenn.
13LA4	D.	Wis.
13LB4	D.	Wis.
13LA5	D.	Wis.
13LB5	DM.	N.Y.
13LA6	Mg.Ls.	N.Y.
13LB6	D.	N.Y.
13LA7	D.	Minn.
13LB7	D.	Minn.
13LA8	D.	Pa.
13LB8	DM.	Pa.
13LA9	DM.	Conn.
13LB9	D.	Ohio
13LA10	Mg.Ls.	Ohio
13LB10	D.	Ohio
13LA11	Mg.Ls.	Ohio
13LB11	D.	Ohio
13LA12	D.	Ohio
13LB12	D.	N.J.
13LA13	D.	Iowa
13LB13	Mg.Ls.	Iowa
13LA14	D.	Iowa

Course 13, Right

13RA1	Mg.M.	Vt.
13RB1	Mg.M.	Vt.
13RA2	D.	III.
13RB2	D.	III.
13RA3	Mg.M.	Tenn.
13RB3	Mg.M.	Tenn.
13RA4	D.	Wis.
13RB4	D.	Wis.
13RA5	Mg.Ls.	N.Y.
13RB5	Mg.Ls.	N.Y.
13RA6	D.M.	N.Y.
13RB6	Mg.Ls.	N.Y.
13RA7	D.	Minn.
13RB7	D.	Mass.
13RA8	D.	Pa.
13RB8	Mg.Ls.	Pa.
13RA9	D.M.	Conn.
13RB9	D.	Pa.
13RA10	D.	Ohio
13RB10	D.	Ohio
13RA11	D.	Ohio
13RB11	D.	Ohio

Course 14, Left

14LA1	D.	Ind.
14LB1	D.	Ind.
14LA2	D.	Ill.
14LB2	Mg.M.	Vt.
14LA3	D.	III.
14LB3	D.	Vt.
14LA4	D.	Tex.
14LB4	D.	Ill.
14LA5	D.	Wis.
14LB5	Mg.M.	Tenn.
14LA6	D.	Wis.
14LB6	D.M.	N.Y.
14LA7	D.	Mass.
14LB7	D.M.	N.Y.
14LA8	D.	Mass.
14LB8	D.	N.Y.
14LA9	Mg.Ls.	Pa.
14LB9	D.	Pa.
14LA10	D.	Pa.

TABLE 3. Course list for identifying samples, by position, in wall—Continued

Wall No.	Type	Source	Wall No.	Type	Source	Wall No.	Type	Source
14LB10.	Mg. M.	Pa.	14RB4.	D.	Ill.	1B.	Gr.	Mass.
14LA11.	D.M.	Conn.	14RA5.	D.	Wis.	2B.	Gr.	N.C.
14LB11.	D.	Ohio	14RB5.	D.	Wis.	3B.	Gr.	N.H.
14LA12.	D.	Ohio	14RA6.	D.	Wis.	4B.	Gr.	Mass.
14LB12.	D.	Ohio	14RB6.	Mg. Ls.	N.Y.	5B.	Gr.	Maine
14LA13.	D.	Ohio	14RA7.	Mg. Ls.	N.Y.	6B.	Gr.	N.C.
14LB13.	Mg. Ls.	Iowa	14RB7.	Mg. Ls.	N.Y.	7B.	Gr.	Maine
14LA14.	D.	Iowa	14RA8.	D.	Minn.	8B.	Gr.	Minn.
14LB14.	D.	Iowa	14RB8.	Mg. Ls.	Minn.	9B.	Gr.	Tex.
14LA15.	D.	Iowa	41RA9.	Mg. Ls.	Pa.	10B.	Gr.	Minn.
14LB15.	D.	Iowa	14RB9.	D.	Pa.	11B.	Gr.	N.H.
14LA16.	D.	Iowa	14RA10.	D.	Pa.	12B.	Gr.	Mass.
14LB16.	D.	Iowa	14RB10.	D.	Pa.	13B.	Gr.	Maine
14LA17.	D.	Iowa	14RA11.	DM.	Conn.	14B.	Gr.	Ga.
14LB17.	D.	Iowa	14RB11.	D.	Ohio	15B.	Gr.	Conn.
14LA18.	M.	Vt.	14RA12.	D.	Ind.	16B.	Gr.	N.H.
14LB18.	M.	Vt.	14RB12.	Mg. Ls.	Ohio	17B.	Gr.	Maine
14LA19.	M.	Australia	14RA13.	D.	Iowa			Mass.
14LB19.	M.	Vt.	14RB13.	D.	Iowa			
14LA20.	Ls.	Iowa	14RA14.	D.	Iowa			
14LB20.	Ls.	Iowa	14RB14.	Mg. Ls.	Iowa			
14LA21.	Ls.	Iowa	14RA15.	D.	Iowa			
14LB21.	Ls.	Iowa	15RB15.	D.	Iowa			
14LA22.	Ls.	Iowa	14RA16.	D.	Iowa			
14LB22.	Ls.	Iowa	14RB16.	D.	Iowa			
14LA23.	M.	Colo.	14RA17.	Mg. Ls.	Iowa			
14LB23.	M.	Ariz.	15RB17.	D.	Iowa			
14LA24.	M.	Colo.	14RA18.	D.	Iowa			
14LB24.	M.	Austria H.	14RB18.	D.	Australia			
14LA25.	M.	Austria H.	14RA19.	M.	Australia			
14LB25.	M.	Austria H.	14RB19.	M.	Vt.			
14LA26.	M.	Austria H.	14RA20.	M.	Australia			
14LB26.	Ls.	Kans.	14RB20.	Ls.	Iowa			
14LB27.	M.	Tenn.	14RA21.	Ls.	Iowa			
14LA27.	Ls.	Tex.	14RB21.	Ls.	Iowa			
14LA28.	M.	Tenn.	14RA22.	Ls.	Iowa			
14LB28.	Ls.	Tenn.	14RB22.	Ls.	Iowa			
14LA29.	M.	Austria	14RA23.	Ls.	Iowa			
14LB29.	M.	Tenn.	14RB23.	Ls.	Iowa			
14LA30.	M.	Austria	14RA24.	Ls.	Iowa			
14LB30.	M.	Austria	14RB24.	M.	Ariz.			
14LA31.	M.	Austria	14RA25.	M.	Austria H.			
14LB31.	M.	Austria	14RB25.	M.	Austria H.			
14LA32.	M.	Austria	14RA26.	M.	Austria H.			
14LB32.	M.	Austria	14RB26.	M.	Austria H.			
14LA33.	M.	Austria	14RA27.	Ls.	Tenn.			
14LB33.	M.	Austria	14RB27.	M.	Cuba			
14LA34.	M.	Austria	14RA28.	Ls.	Tenn.			
14LB34.	M.	Spain	14RB28.	Ls.	Tenn.			
14LA35.	M.	Austria	14RB29.	Ls.	Austria			
14LB35.	Ls.	Spain	14RB29.	M.	Tenn.			
14LA36.	M.	Austria	14RA30.	M.	Austria			
14LB36.	M.	Spain	14RB30.	M.	Austria			
14LA37.	Ls.	Hungary	14RA31.	M.	Austria			
14LB37.	Ls.	Hungary	14RB31.	M.	Austria			
14LA38.	Ls.	Hungary	14RA32.	M.	Austria			
14LB38.	Ls.	Pa.	14RB32.	M.	Austria			
14LA39.	M.	Portugal	14RA33.	M.	Austria			
14LB39.	Ls.	Pa.	14RB33.	M.	Austria			
14LA40.	M.	Portugal	14RA34.	M.	Austria			
14LB40.	M.	Pa.	14RB34.	Ls.	Spain			
14LA41.	M.	Portugal	14RA35.	M.	Austria			
14LB41.	M.	Portugal	14RB35.	Ls.	Spain			
14LA42.	M.	Portugal	14RB36.	Ls.	Austria			
14LB42.	M.	Md.	14RA37.	Ls.	Hungary			
14LA43.	M.	Portugal	14RB37.	Ls.	Hungary			
14LB43.	Ls.	Nebr.	14RA38.	Ls.	Hungary			
14LA44.	Ls.	Portugal	14RB38.	M.	Pa.			
14LB44.	Ls.	N.Y.	14RA39.	M.	Portugal			
14LA45.	Ls.	Portugal	14RB39.	M.	Pa.			
14LB45.	Ls.	Ky.	14RA40.	M.	Portugal			
14LA46.	Ls.	Portugal	14RB40.	Ls.	Ohio			
14LB46.	Ls.	Ky.	14RA41.	M.	Portugal			
14LA47.	Ls.	Portugal	14RB41.	M.	Md.			
14LB47.	Ls.	Ky.	14RA42.	M.	Portugal			
14LA48.	Ls.	Tex.	14RB42.	M.	Md.			
14LB48.	Ls.	Mo.	14RA43.	M.	Portugal			
14LA49.	Ls.	Mo.	14RB43.	Ls.	Ky.			
			14RA44.	M.	Portugal			
			14RB44.	Ls.	Ky.			
			14RA45.	M.	Portugal			
			14RB45.	Ls.	Ky.			
			14RA46.	M.	Portugal			
			14RB46.	Ls.	Ky.			
			14RA47.	M.	Portugal			
			14RB47.	Ls.	Ky.			
			14RA48.	Ls.	Tex.			
			14RB48.	Ls.	Mo.			
			14RA49.	Ls.	Mo.			
Course 14, Right								
14RA1.	D.	Ind.	14RB1.	D.	Ind.	1RQ.	Ss.	Ohio
14RB1.	D.	Ind.	14RA2.	D.	Ind.	2RQ.	Ss.	Ohio
14RA2.	D.	Ill.	14RB2.	Mg. M.	Vt.	3RQ.	Ss.	Ohio
14RB2.	Mg. M.	Vt.	14RA3.	D.	Ill.	4RQ.	Ss.	Ohio
14RA3.	D.	Ill.	14RB3.	D.	Ill.	5RQ.	Ss.	Ohio
14RB3.	D.	Ill.	14RA4.	D.	Ill.	6RQ.	Ss.	Ohio
14LA4.	D.	Ill.	14RB4.	D.	Ill.	7RQ.	Ss.	Ohio
			14RA46.	M.	Portugal	8RQ.	Ss.	Ohio
			14RB46.	Ls.	Ky.	9RQ.	Ss.	Mass.
			14RA47.	M.	Portugal	10RQ.	Ss.	Conn.
			14RB47.	Ls.	Ky.	11RQ.	Ss.	Ohio
			14RA48.	M.	Portugal	12RQ.	Ss.	N.Y.
			14RB48.	Ls.	Ky.	13RQ.	Ss.	Ohio
			14RA49.	M.	Portugal	14RQ.	Ss.	Conn.
Divider Stones								
1D.			1D.			1D.	Greenstone	Va.
2D.			2D.			2D.	Greenstone	Va.
3D.			3D.			3D.	Greenstone	Va.

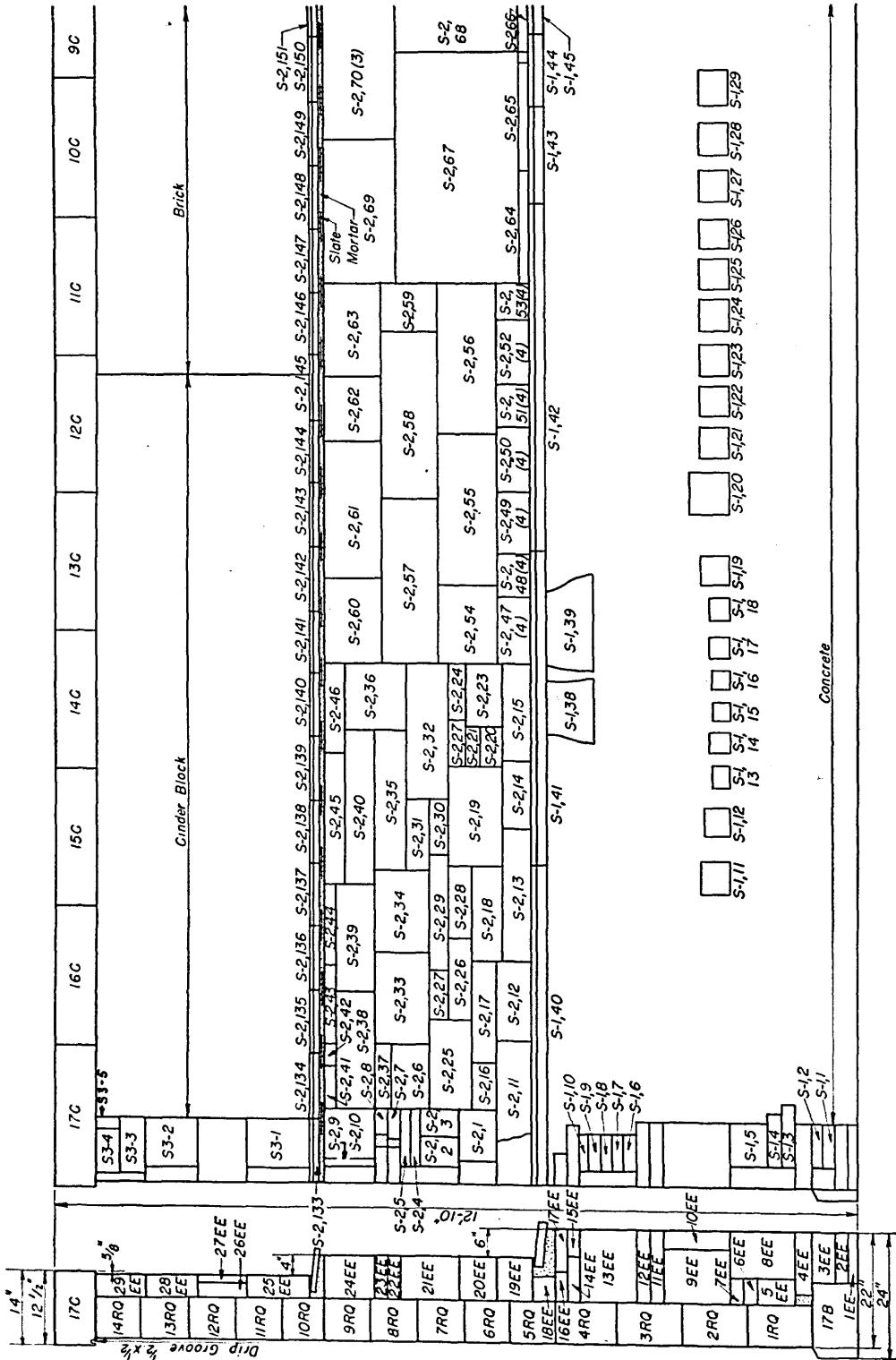


FIGURE 3.

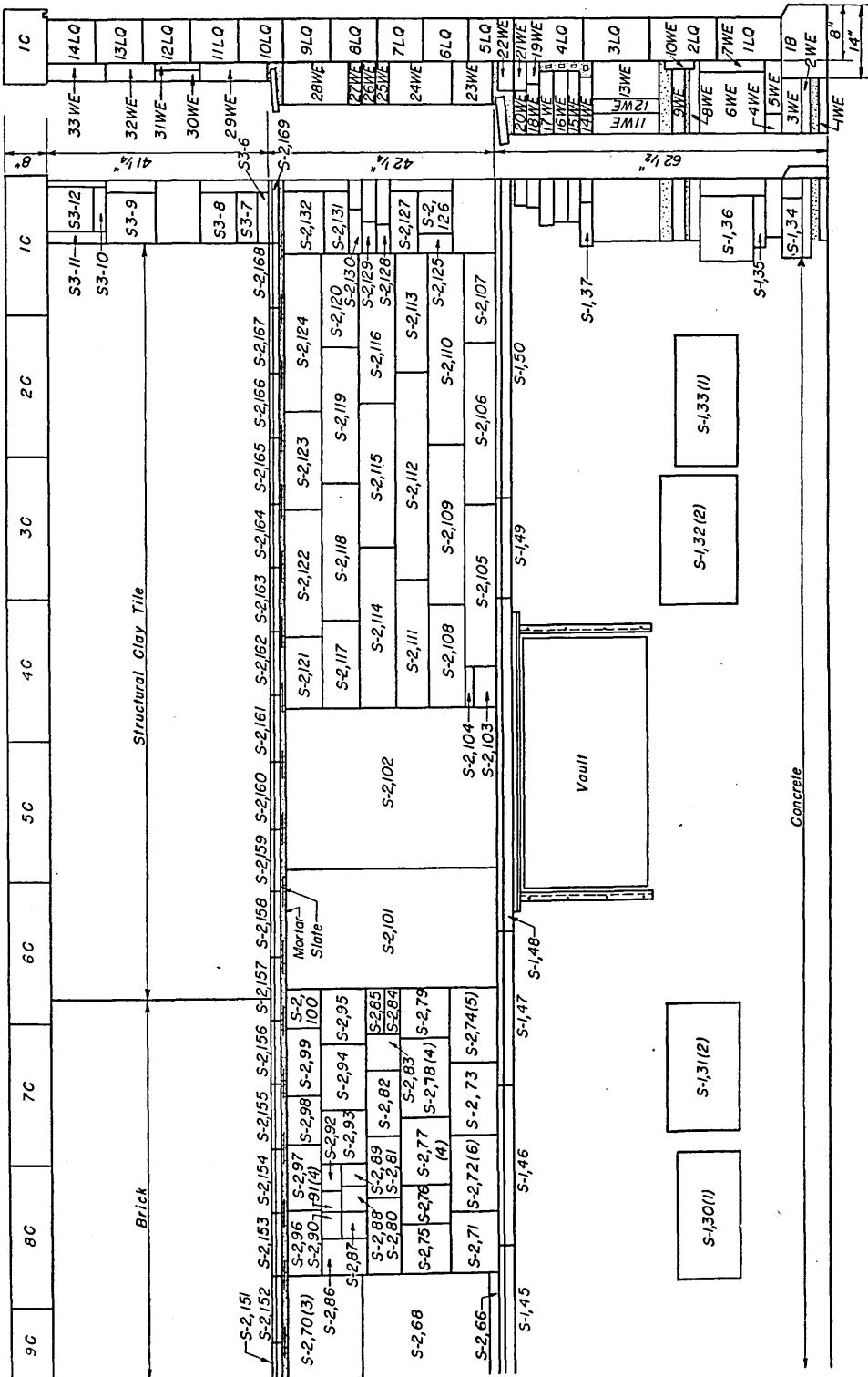


FIGURE 3.—Continued. North face of stone exposure test wall.

The blocks are identified by numbers on the drawing and descriptions in table 4. Numerals in parenthesis following some of the wall numbers signify certain experimental treatments as follows:

- (1) Slabs of "Mildred Pipe" granite sawed with steel shot. Rust was cleaned from front and back of S-1, 30 by sandblasting, whereas S-1, 33 was cleaned only on the front.
- (2) Slabs of "Chelmsford Gray" granite sawed with steel shot. Rust was cleaned from front and back with asphalt emulsion immediately before being set in wall.
- (3) Slab of "Salisbury Pink" granite sawed with steel shot. Front and east half of back was cleaned by blasting with steel shot before the slab was set in wall.
- (4) Stones pared on back with "Atlas White Duraplastic Cement" immediately before being set in wall.
- (5) Stones pared on back with "Atlas White Duraplastic Cement," and cured before being set in wall.
- (6) Stones coated on back with asphalt emulsion immediately before being set in wall.

TABLE 4. Source, classification, and description of stones in back face and ends of wall

[Explanation of use in section 8.3. Trade names are enclosed in quotation marks, and a star (*) at end of line signifies that the stone has been used commercially.]

ABBREVIATIONS

calc.	calcite.
Co.	County.
cryst.	crystalline.
gr.	grain.
Isl.	island.

Lt.	light.
med.	medium.
Mt.	Mount.
Spgs.	Springs.
W.	West.

Source	Wall No.	Description	Source	Wall No.	Description
McDermott, Ohio	S-1, 1	Gray, fine-gr, porous sandstone.*	Malone, N. Y.	S-2, 9	Pink, fine-gr compact sandstone.*
Do.	S-1, 2	Do.	McDermott, Ohio	S-2, 10	Buff, fine-gr porous sandstone.*
Unknown	S-1, 3	Buff, fine-gr sandstone, "Golden Rod".	Potomac, Md.	S-2, 11 to 46	Varicolored chlorite schist, some with cleavage horizontal and some vertical.*
Do.	S-1, 4	Do.	Barre, Vt.	S-2, 47	Gray, med-gr biotite granite.*
Do.	S-1, 5	Do.	Concord, N. H.	S-2, 48	Gray, med-gr muscovite-biotite granite.*
Bedford, Ind.	S-1, 6	Lt-buff, grade B, oolitic limestone.*	Quincy, Mass.	S-2, 49	Dark-gray, coarse-gr hornblende granite.*
Do.	S-1, 7	Do.	W. Chelmsford, Mass.	S-2, 50	Lt-gray, med-gr, biotite granite.*
Do.	S-1, 8	Gray, oolitic limestone.*	Frankfort, Me.	S-2, 51	Gray, coarse-gr biotite granite, "Mt. Waldo".*
Do.	S-1, 9	Do.	Sauk Rapids, Minn.	S-2, 52	Pinkish-gray, coarse-gr biotite granite.*
Do.	S-1, 10	Do.	Mountain Cross, Colo.	S-2, 53	Bluish-gray, fine-gr granodiorite.*
Westervly, R. I.	S-1, 11	Gray, fine-gr, biotite granite.*	Mt. Airy, N. C.	S-2, 54 to 63	"Mt. Airy Granite" veneer.*
Unknown	S-1, 12	Bluish-gray, fine-gr biotite granite.	Crossville, Tenn.	S-2, 64	Pink, fine-gr compact sandstone, "Crab Orchard Stone".*
Do.	S-1, 13	Greenish-gray, med-gr biotite granite.	Do.	S-2, 65	Do.
Do.	S-1, 14	Bluish-gray, fine-gr biotite granite.	Do.	S-2, 66	Pale pink, med-gr biotite granite.*
Quincy, Mass.	S-1, 15	Dark-gray, coarse-gr hornblende granite.*	Salisbury, N. C.	S-2, 67	Yellowish-pink, med-gr biotite granite.*
Maine	S-1, 16	Pink, med-gr biotite granite.*	Do.	S-2, 68	Pink, coarse-gr, "Opaline Granite".*
Unknown	S-1, 17	Gray, med-gr biotite granite.	Do.	S-2, 69	Same as S-2, 67.
Do.	S-1, 18	Dark-gray, med-gr biotite granite.	W. Chelmsford, Mass.	S-2, 71	Lt-gray, med-gr muscovite-biotite granite.*
Do.	S-1, 19	Dark-gray, fine-gr biotite granite.	Mt. Airy, N. C.	S-2, 72	Lt-gray, med-gr biotite granite.*
Do.	S-1, 20	Gray, med-gr biotite granite.	Do.	S-2, 73	Do.
Biella, Italy	S-1, 21	Dark-gray, fine-gr biotite granite.*	Helsinki, Finland.	S-2, 74	Red, black-spotted hornblende granite.*
Quincy, Mass.	S-1, 22	Dark-gray, coarse-gr hornblende granite.*	Concord, N. H.	S-2, 75	Gray, med-gr muscovite-biotite granite.*
Do.	S-1, 23	Gray, med-gr hornblende granite.*	Do.	S-2, 76	Do.
Do.	S-1, 24	Dark-gray, coarse-gr hornblende granite.*	Mt. Airy, N. C.	S-2, 77	Same as S-2, 72.
Baveno, Italy	S-1, 25	Lt-gray, med-gr biotite granite.*	Do.	S-2, 78	Pink, coarse-gr biotite granite.*
Quincy, Mass.	S-1, 26	Dark-gray, med-gr hornblende granite.*	Do.	S-2, 79	Same as S-2, 76.
Mergozzo, Italy	S-1, 27	Pink, med-gr biotite granite.*	Do.	S-2, 80	Dark-gray, coarse-gr hornblende granite.*
Unknown	S-1, 28	Brownish-gray, med-gr biotite granite.	Quincy, Mass.	S-2, 81	Black, med-gr olivine norite.*
Quincy, Mass.	S-1, 29	Dark-gray, coarse-gr hornblende granite.*	Ashland, Wis.	S-2, 82	Bluish-gray, fine-gr biotite granite.*
Milford, Mass.	S-1, 30	Pink, coarse-gr biotite granite.*	Elberton, Ga.	S-2, 83	Buff, med-gr oolitic limestone.*
W. Chelmsford, Mass.	S-1, 31	Lt-gray, med-gr muscovite-biotite granite.*	Bedford, Ind.	S-2, 84	Do.
Do.	S-1, 32	Do.	Ortonville, Minn.	S-2, 85	Pink, med-gr biotite granite, "Cold Springs Agate".*
Milford, Mass.	S-1, 33	Same as S-1, 30.	Do.	S-2, 86	Pink, brown and purple opaline granite.*
Curwensville, Pa.	S-1, 34	Buff, coarse-gr compact sandstone.*	Llano, Tex.	S-2, 87	Pinkish-gray, coarse-gr biotite granite.*
Glenmont, Ohio	S-1, 35	Buff, coarse-gr porous sandstone.*	Deer Island, Me.	S-2, 88	Bluish-gray, fine-gr biotite granite.*
Amherst, Ohio	S-1, 36	Gray, med-gr porous sandstone.*	Do.	S-2, 89	Same as S-2, 88.
Do.	S-1, 37	Do.	High Pine, Me.	S-2, 90	Pink, coarse-gr biotite granite
Wyoming Co., Pa.	S-1, 38	Dark-gray, fine-gr compact sandstone.	Derby, Vt.	S-2, 91	"Swenson Pink".*
Crossville, Tenn.	S-1, 39	Yellow, fine-gr, compact sandstone "Crab Orchard Stone".*	North Jay, Me.	S-2, 92	Gray, med-gr biotite granite.*
			Mt. Airy, N. C.	S-2, 93	Light-gray, fine-gr biotite granite.*
			Mountain Cross, Colo.	S-2, 94	Same as S-2, 72 in 1 to 3-in. thickness.*
			Crossville, Tenn.	S-2, 95 to 99	Bluish-gray, fine-gr granodiorite.*
			Cottonwood, Kans.	S-2, 100	"Crab Orchard Stone", variegated colors, some on bed and some on edge, in 3- to 6 in. thicknesses.*
			Laramie, Wyo.	S-2, 125	Gray, coarse-gr crystal limestone.*
			Cedar Park, Tex.	S-2, 126	Dark-pink, med-gr porous sandstone.*
			Bedford, Ind.	S-2, 127	Lt-gray, coarse shell stone.*
			New Port Richey, Fla.	S-2, 128	Gray, med-gr oolitic limestone.*
			Fla.	S-2, 129	Lt-buff, fine-gr compact limestone.*
			Bedford, Ind.	S-2, 130	Gray, med-gr oolitic limestone.*
			Downsville, N. Y.	S-2, 131	Dark-gray, fine-gr compact bluestone.*
			Boise, Idaho	S-2, 132	Buff, coarse-gr porous sandstone.*
					Marbles in second Water table
			Gardner, Mont.	S-2, 133	Gray travertine.*
			Do.	S-2, 134	Buff travertine.*

TABLE 4. Source, classification, and description of stones in back face and ends of wall—Continued

Source	Wall No.	Description	Source	Wall No.	Description
Pittsford, Vt....	S-2, 135 ...	Gray, med-gr calc marble, "Pittsford Italian".*	Lynchburg, Va....	S-3, 9	Green, coarse-gr actinolite schist, "Virginia Greenstone".*
W. Rutland, Vt....	S-2, 136 ...	Lt-buff, med-gr calc marble, "Westland".*	Batesville, Ark....	S-3, 10	Same as S-3, 7.
Florence, Vt....	S-2, 137 ...	Bluish-gray, veined, med-gr, calc marble, "Avenatto".*	McDermott, Ohio	S-3, 11	Gray, fine-gr porous sandstone.*
W. Rutland, Vt....	S-2, 138 ...	White, med-gr calc marble, "Second Statuary".*	Carthage, Mo....	S-3, 12	Gray, med-gr, cryst limestone, "Ozark Gray Clair".*
Plattsburg, N. Y....	S-2, 139 ...	Gray, coarse-gr calc marble, "French Gray".*	Stones in East End (EE)		
Onondaga, N. Y....	S-2, 140 ...	Dark-gray, coarse-gr calc marble.*	Rockville, Minn.	1EE	Pinkish-gray, coarse-gr. biotite granite.*
Carthage, Mo....	S-2, 141 ...	Gray, med-gr calc marble, "Ozark Tavernelle".*	Glenmont, Ohio	2EE	Buff, coarse-gr, porous sandstone.*
Columbia, Calif....	S-2, 142 ...	Gray, med-gr dolomitic marble, "Columbia Dark Vein".*	Curwensville, Pa.	3EE	Buff, coarse-gr compact sandstone.*
Do.....	S-2, 143 ...	Do.	Morton, Minn.	4EE	Pink, black banded coarse-gr. biotite granite.*
Do.....	S-2, 144 ...	Lt-blue, med-gr dolomitic marble, "Columbia Light Blue".*	Rockwood, Ala....	5EE	Gray, med-gr oolitic limestone.*
Tokeen, Alaska....	S-2, 145 ...	Gray, med-gr calc marble, "Gravina".*	McDermott, Ohio	6EE	Gray, fine-gr porous sandstone.*
Ball Ground, Ga....	S-2, 146 ...	White, coarse-gr calc marble.*	Do.....	7EE	Buff, fine-gr porous sandstone.*
Tate, Ga....	S-2, 147 ...	Pink, coarse-gr calc marble, "Etowah".*	Amherst, Ohio....	8EE	Gray, med-gr porous sandstone.*
Do.....	S-2, 148 ...	Gray, coarse-gr calc marble, "Silver Gray".*	Glenmont, Ohio	9EE	Gray and buff, coarse-gr porous sandstone, "Briar Hill".*
Do.....	S-2, 149 ...	Lt-gray, coarse-gr calc marble, "Kennesaw".*	Amherst, Ohio....	10EE	Same as 8EE.
Holly Springs, Ga....	S-2, 150 ...	Green serpentine, "Holly Springs".*	Glenmont, Ohio	11EE	Same as 9EE.
Tokeen, Alaska....	S-2, 151 ...	Lt-gray, med-gr calc marble, "Tokeen".*	Bedford, Ind....	12EE	Gray, med-gr oolitic limestone.*
Gantt's Quarry, Ala....	S-2, 152 ...	Nearly white, fine-gr calc marble, "Alabama Clouded Cream".*	Bedford, Ind....	13EE	Buff, med-gr oolitic limestone, "Grade A Buff".*
Knoxville, Tenn....	S-2, 154 ...	Pink, med-gr calc marble, "Meadow Pink".*	Do.....	14EE	Gray, med-gr oolitic limestone.*
Do.....	S-2, 155 ...	Pink, med-gr calc marble, "Champion Pink".*	Do.....	15EE	Do.
Do.....	S-2, 156 ...	Gray, med-gr calc marble, "Appalachian Gray".*	Do.....	16EE	Buff, med-gr oolitic limestone, "Grade B Buff".*
Knoxville, Tenn....	S-2, 157 ...	Gray, med-gr calc marble, "Meadow Gray".*	Do.....	17EE	Buff, med-gr oolitic limestone, "Grade C Buff".*
Do.....	S-2, 158 ...	Pink, med-gr calc marble, "Cumberland Pink".*	Potomac, Md....	19EE	Vari-colored chlorite schist "Stonyhurst".*
Do.....	S-2, 159 ...	Gray, med-gr calc marble, "Crystal Gray".*	Do.....	20EE	Do.
Do.....	S-2, 160 ...	Gray, med-gr calc marble, "Silver Gray".*	Portageville, N. Y....	21EE	Bluish-gray, fine-gr compact sandstone, "Genesee Valley Bluestone".*
Marble, Colo....	S-2, 161 ...	White, med-gr calc marble, "Colo. Yule".*	McDermott, Ohio	22EE	Buff, fine-gr porous sandstone.*
Murphy, N. C....	S-2, 162 ...	Gray, med-gr calc marble, "Regal Gray".*	Boise, Idaho....	23EE	Buff, coarse-gr porous sandstone.*
Cockeysville, Md....	S-2, 163 ...	White, med-gr dolomitic marble, "Beaver Dam".*	Glenmont, Ohio	24EE	Buff, coarse-gr porous sandstone.*
Lee, Mass....	S-2, 164 ...	White, med-gr dolomitic marble, "Lee White".*	Mankato, Minn....	25EE	Buff, fine-gr mg limestone.*
Lee, Mass....	S-2, 165 ...	Blue, med-gr dolomitic marble, "Lee Dark Blue".*	Batesville, Ark....	26EE	Gray, med-gr cryst limestone.*
W. Stockbridge, Mass....	S-2, 166 ...	White, med-gr calc marble, "West Stockbridge".*	Nashville, Tenn....	27EE	Lt-buff travertine.*
Gantt's Quarry, Ala....	S-2, 167 ...	White, fine-gr calc marble, "Ala. Cream".*	McDermott, Ohio	28EE	Gray, fine-gr porous sandstone, "Scioto".*
Marble Hill, Ga....	S-2, 168 ...	Buff, med-gr dolomitic marble, "Roseopia".*	Bedford, Ind....	29EE	Buff, med-gr oolitic limestone, "Grade A".*
Gouverneur, N. Y....	S-2, 169 ...	Dark-gray, coarse-gr, mg marble, "Gouverneur No. 2 Dark".*	Stones in West End of Wall		
Stones in Section 3 (S-3)			Cedar Park, Tex....	1WE	Lt-buff, fine-gr porous oolitic limestone, "Cordova Cream".*
Bedford, Ind....	S-3, 1	Gray, med-gr oolitic limestone "Grade B".*	Cedar Park, Tex....	2WE	Do.
Do.....	S-3, 2	Gray, med-gr oolitic limestone.*	Curwensville, Pa....	3WE	Buff, coarse-gr compact sandstone.*
Mankato, Minn....	S-3, 3	Lt-buff, fine-gr magnesian limestone.*	Elwood, Pa....	4WE	Do.
Rockwood, Ala....	S-3, 4	Gray, med-gr cryst calc "Spring Valley Marble".*	Do.....	5WE	Do.
Bedford, Ind....	S-3, 5	Buff, med-gr oolitic limestone, "Grade A".*	Amherst, Ohio....	6WE	Gray, med-gr porous sandstone.*
McDermott, Ohio	S-3, 6	Gray, fine-gr porous sandstone.*	Hot Springs, S. D....	7WE	Lt-pink, med-gr porous sandstone.*
Batesville, Ark....	S-3, 7	Gray, med-gr cryst limestone, "Batesville".*	Carthage, Mo....	8WE	Gray, med-gr porous limestone.*
Bedford, Ind....	S-3, 8	Gray, med-gr oolitic limestone.*	Amherst, Ohio....	9WE	Blue, fine-gr porous sandstone.*
			Amherst, Ohio....	10WE	Gray, med-gr porous sandstone.*
			McDermott, Ohio	11WE	Same as 6WE.
			Do.....	12WE	Blue, fine-gr porous sandstone.*
			Amherst, Ohio....	13WE	Buff, fine-gr porous sandstone.*
			Glenmont, Ohio....	14WE	Buff, coarse-gr porous sandstone, "Birmingham Buff".*
			Bedford, Ind....	15WE	Buff, coarse-gr porous sandstone "Briar Hill".*
			McDermott, Ohio	16WE	Gray, med-gr oolitic limestone.*
			Do.....	17WE	Blue, fine-gr porous sandstone.*
			Bedford, Ind....	18WE	Buff, med-gr porous sandstone, "Do".
			Do.....	19WE	Buff, med-gr oolitic limestone.*
			Bedford, Ind....	20WE	Do.
			Do.....	21WE	Buff, med-gr oolitic limestone.*
			Do.....	22WE	Do.
			Potomac, Md....	23WE	Varicolored chlorite schist "Stonyhurst".*
			Bedford, Ind....	24WE	Gray, med-gr oolitic limestone.*
			Amherst, Ohio....	25WE	Gray, med-gr porous sandstone.*
			Laramie, Wyo....	26WE	Lt-pink, med-gr porous sandstone.*
			New Port Richey, Fla....	27WE	Lt-buff, fine-gr compact limestone.*
			Bedford, Ind....	28WE	Gray, med-gr oolitic limestone.*
			Bloomington, Ind....	29WE	Gray, med-gr oolitic limestone, "Standard Gray".*
			Do.....	30WE	Do.
			Do.....	31WE	Do.
			Batesville, Ark....	32WE	Gray, med-gr cryst limestone.*
			Bedford, Ind....	33WE	Buff, med-gr oolitic limestone.*

BUILDING MATERIALS AND STRUCTURES REPORTS

[Continued from cover page II]

BMS32	Structural Properties of Two Brick-Concrete-Block Wall Constructions and a Concrete-Block Wall Construction Sponsored by the National Concrete Masonry Association	15¢
BMS33	Plastic Calking Materials	15¢
BMS34	Performance Test of Floor Coverings for Use in Low-Cost Housing: Part I	15¢
BMS35	Stability of Sheathing Papers as Determined by Accelerated Aging	
BMS36	Structural Properties of Wood-Frame Wall, Partition, Floor, and Roof Constructions With "Red Stripe" Lath Sponsored by The Weston Paper and Manufacturing Co.	10¢
BMS37	Structural Properties of "Palisade Homes" Constructions for Walls, Partitions, and Floors, Sponsored by Palisade Homes	
BMS38	Structural Properties of Two "Dunstone" Wall Constructions Sponsored by the W. E. Dunn Manufacturing Co.	10¢
BMS39	Structural Properties of a Wall Construction of "Pfeifer Units" Sponsored by the Wisconsin Units Co.	10¢
BMS40	Structural Properties of a Wall Construction of "Knap Concrete Wall Units" Sponsored by Knap America, Inc.	15¢
BMS41	Effect of Heating and Cooling on the Permeability of Masonry Walls	
BMS42	Structural Properties of Wood-Frame Wall and Partition Construction with "Celotex" Insulating Boards Sponsored by The Celotex Corporation	15¢
BMS43	Performance Test of Floor Coverings for Use in Low-Cost Housing: Part 2	15¢
BMS44	Surface Treatment of Steel Prior to Painting	10¢
BMS45	Air Infiltration Through Windows	
BMS46	Structural Properties of "Scott-Bilt" Prefabricated Sheet-Steel Constructions for Walls, Floors, and Roofs Sponsored by The Globe-Wernicke Co.	
BMS47	Structural Properties of Prefabricated Wood-Frame Constructions for Walls, Partitions and Floors Sponsored by American Houses, Inc.	20¢
BMS48	Structural Properties of "Precision-Built" Frame Wall and Partition Constructions Sponsored by the Homasote Co.	15¢
BMS49	Metallic Roofing for Low-Cost House Construction	20¢
BMS50	Stability of Fiber Building Boards as Determined by Accelerated Aging	10¢
BMS51	Structural Properties of "Tilecrete Type A" Floor Construction Sponsored by the Tilecrete Co.	10¢
BMS52	Effect of Ceiling Insulation Upon Summer Comfort	15¢
BMS53	Structural Properties of a Masonry Wall Construction of "Munlock Dry Wall Brick" Sponsored by the Munlock Engineering Co.	10¢
BMS54	Effect of Soot on the Rating of an Oil-Fired Heating Boiler	10¢
BMS55	Effects of Wetting and Drying on the Permeability of Masonry Walls	10¢
BMS56	A Survey of Humidities in Residences	10¢
BMS57	Roofing in the United States—Results of a Questionnaire	10¢
BMS58	Strength of Soft-Soldered Joints in Copper Tubing	10¢
BMS59	Properties of Adhesives for Floor Coverings	15¢
BMS60	Strength, Absorption, and Resistance to Laboratory Freezing and Thawing of Building Bricks Produced in the United States	30¢
BMS61	Structural Properties of Two Nonreinforced Monolithic Concrete Wall Constructions	10¢
BMS62	Structural Properties of a Precast Joist Concrete Floor Construction Sponsored by the Portland Cement Association	15¢
BMS63	Moisture Condensation in Building Walls	15¢
BMS64	Solar Heating of Various Surfaces	10¢
BMS65	Methods of Estimating Loads in Plumbing Systems	15¢
BMS66	Plumbing Manual	35¢
BMS67	Structural Properties of "Mu-Steel" Prefabricated Sheet-Steel Constructions for Walls, Partitions, Floors, and Roofs, Sponsored by Herman A. Mugler	15¢
BMS68	Performance Test for Floor Coverings for Use in Low-Cost Housing: Part 3	20¢
BMS69	Stability of Fiber Sheathing Boards as Determined by Accelerated Aging	10¢
BMS70	Asphalt-Prepared Roll Roofings and Shingles	20¢
BMS71	Fire Tests of Wood- and Metal-Framed Partitions	20¢
BMS72	Structural Properties of "Precision-Built, Jr." Prefabricated Wood-Frame Wall Construction Sponsored by the Homasote Co.	10¢
BMS73	Indentation Characteristics of Floor Coverings	10¢
BMS74	Structural and Heat-Transfer Properties of "U. S. S. Panelbilt" Prefabricated Sheet-Steel Constructions for Walls, Partitions, and Roofs Sponsored by the Tennessee Coal, Iron & Railroad Co.	20¢
BMS75	Survey of Roofing Materials in the North Central States	15¢
BMS76	Effect of Outdoor Exposure on the Water Permeability of Masonry Walls	15¢
BMS77	Properties and Performance of Fiber Tile Boards	10¢
BMS78	Structural, Heat-Transfer, and Water-Permeability Properties of Five Earth-Wall Constructions	25¢
BMS79	Water-Distributing Systems for Buildings	20¢
BMS80	Performance Test of Floor Coverings for Use in Low-Cost Housing: Part 4	15¢
BMS81	Field Inspectors' Check List for Building Constructions (cloth cover, 5 x 7½ inches)	30¢

*Out of print.

[List continued on cover page iv]