

## Sample Collection and Documentation

**Table 5A. Continued**

Site name <sup>a</sup>	Y, km	X, km	GR, m	Sample type	Collector <sup>b</sup>	Year collected	Architectural Ref	Measurement Ref
HUPS	27.012	-179.650	1288	tile, wall	RE/HU	1983	5-9	27
HUPS	27.012	-179.651	1290	tile, eaves	RE/HU	1983	5-9	18, 19
Ono Oil Shop	26.992	-177.133	1291	granite	HU/RE	1986		43
Sumiyoshi shrine	26.048	-179.499	1293	granite	HU	1986	10-28	43
LI Yanagi bashi, west end	27.982	-178.695	1296	sulfur paste in porcelain insulator	YS	1945	3-15	1
HUPS	27.030	-179.662	1304	tile, wall	RE/HU	1983	5-9	27
HUPS	27.031	-179.663	1305	tile, railing, roof	RE/HU	1983	5-9	10, 18, 19
HUPS	27.035	-179.665	1308	rain gutter	RE/HU	1996	5-9	43
HUPS	27.038	-179.680	1324	tile, wall	RE/HU	1983	5-9	27
HUPS	27.039	-179.680	1324	tile, eaves	RE/HU	1983	5-9	10, 18, 19
HUPS	27.050	-179.697	1343	tile, wall	RE/HU	1983	5-9	36, 43
HUPS	27.052	-179.699	1346	tile, wall	RE/HU	1983	5-9	24
HUPS	27.052	-179.699	1346	tile, railing, roof	RE/HU	1983	5-9	10, 18, 19
Kyo Bridge, Railing	28.092	-178.430	1371	granite	HU	1986	3-13	36
Teishin (Communications)Hospital	27.690	-177.420	1375	concrete	RE/HU	1989	4-8	43
Teishin (Communications) Hospital	27.690	-177.420	1375	tile, wall	RE/HU	1989	4-8	36, 43
HUFS d2	27.081	-179.731	1384	granite	HPC/TUM	1999	5-7	43
HUFS d3	27.079	-179.732	1384	granite	HPC/TUM	1999	5-7	43
HUFS c1	27.081	-179.732	1385	granite	HPC/TUM	2001	5-7	43
HUFS d4	27.078	-179.733	1385	granite	HPC/TUM	1999	5-7	43
HUFS	27.080	-179.732	1385	tile, wall	RE/HU	1982	5-7	18
HUFS c1	27.081	-179.733	1386	granite	HPC/TUM	2001	5-7	43
HUFS c6	27.081	-179.733	1386	tile, wall	HPC/TUM	2001	5-7	43
HUFS	27.077	-179.734	1386	concrete	RE/HU	1996	5-7	40, 43
HUFS	27.075	-179.735	1386	tile, wall	RE/HU	1982	5-7	18, 24
HUFS 2	27.069	-179.739	1388	rain gutter	RE/HU	2001	5-7	43
HUFS c2	27.058	-179.745	1391	granite	HPC/TUM	2001	5-7	43
HUFS	27.048	-179.751	1395	tile, railing, roof	RE/HU	1982	5-7	18, 19
HUFS	27.072	-179.746	1396	tile, roof or floor of roof	RE/HU	1982	5-7	10, 18, 19
HUFS	27.044	-179.753	1396	tile, railing, roof	RE/HU	1982	5-7	18, 24
HUFS d5	27.083	-179.745	1398	granite	HPC/TUM	1999	5-7	43
HUFS c5	27.035	-179.757	1398	tile, wall	HPC/TUM	2001	5-7	43
HUFS c3	27.035	-179.758	1399	granite	HPC/TUM	2001	5-7	43
HUFS	27.083	-179.748	1401	tile, railing, roof	RE/HU	1982	5-7	10, 18, 19
HUFS	27.082	-179.749	1401	tile, railing, roof	RE/HU	1982	5-7	18, 19
HUFS	27.069	-179.756	1405	tile, railing, roof	RE/HU	1982	5-7	18, 19
Kikkawa Hotel (Ryokan)	28.125	-178.157	1424	granite	HU		3-20	43
Animal Feeding House, Hiroshima Univ.	27.114	-179.768	1428	iron handrail	RE/HU	1996		43
HUFS	27.079	-179.779	1430	tile, roof or floor of roof	RE/HU	1982	5-7	10, 18, 19
HUFS	27.056	-179.788	1433	tile, wall	RE/HU	1982	5-7	18, 19

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Table 5A. Continued

Site name <sup>a</sup>	Y, km	X, km	GR, m	Sample type	Collector <sup>b</sup>	Year collected	Architectural Ref	Measurement Ref
HUFS	27.092	-179.780	1434	tile, railing, roof	RE/HU	1982	5-7	18, 19
HUFS	27.060	-179.790	1436	tile, roof or floor of roof	RE/HU	1982	5-7	10, 18, 19
HUFS 3	27.077	-179.787	1437	rain gutter	RE/HU	2001	5-7	43
Seifu Dormitory, Hiroshima Univ	26.825	-179.830	1439	iron rod	RE/HU	1996		43
Red Cross Hospital	26.705	-179.851	1456	tile, wall	RE/HU	1982	5-11	18, 24, 43
HUFS	27.103	-179.801	1457	tile, roof or floor of roof	RE/HU	1982	5-7	18, 19
HUFS	27.104	-179.802	1458	tile, roof or floor of roof	RE/HU	1982	5-7	18, 19
HUFS	27.067	-179.818	1464	tile, railing, roof	RE/HU	1982	5-7	18, 19
HUFS	27.110	-179.807	1465	tile, railing, roof	RE/HU	1982	5-7	18, 19
Radioisotope Bldg, Hiroshima Univ.	27.150	-179.797	1466	concrete	RE/HU	1996		43
HUFS	27.072	-179.821	1469	tile, roof or floor of roof	RE/HU	1982	5-7	10, 18, 19
HUFS 4	27.092	-179.817	1469	rain gutter	RE/HU	2001	5-7	43
Radioisotope Bldg, Hiroshima Univ.	27.153	-179.800	1470	rain gutter	RE/HU	1996		43
Radioisotope Bldg, Hiroshima Univ.	27.151	-179.801	1470	tile, roof or floor of roof	RE/HU	1996		43
Red Cross Hospital North Bldg	26.680	-179.868	1474	concrete	RE/HU	1990	5-11	43
HUFS 5	27.075	-179.827	1475	rain gutter	RE/HU	2001	5-7	43
Radioisotope Bldg, Hiroshima Univ.	27.154	-179.805	1475	tile, roof or floor of roof	RE/HU	1996		43
Radioisotope Bldg, Hiroshima Univ.	27.155	-179.807	1477	tile, roof or floor of roof	RE/HU	1996		43
Red Cross Hospital	26.733	-179.880	1485	steel pipe	RE/HU	1993	5-11	37
Red Cross Hospital	26.725	-179.883	1488	steel ladder	RE/HU	1993	5-11	37, 43
Red Cross Hospital	26.721	-179.886	1491	iron handrail	RE/HU	1993	5-11	43
Red Cross Hospital	26.715	-179.896	1501	concrete	RE/HU	1993	5-11	43
Red Cross Hospital	26.715	-179.896	1501	tile, wall	RE/HU	1993	5-11	43
PSB C4-2 (S46)	26.835	-179.982	1591	concrete	RE/HU	1982	5-15	43
PSB	26.836	-179.982	1591	granite	RE/HU	2000	5-15	43
PSB	26.831	-179.988	1596	tile, roof or floor of roof	RE/HU	1982, 1985	5-15	22
PSB C4-4 (S47)	26.818	-179.992	1600	concrete	RE/HU	1988	5-15	40, 43
PSB	26.830	-179.992	1601	iron handrail	RE/HU	1988	5-15	43
Kannon bridge	25.382	-179.283	1607	granite	HU	1986	10-17	43
PSB	26.821	-179.999	1607	tile, roof or floor of roof	RE/HU	1982, 1985	5-15	18, 22
PSB	26.830	-179.999	1608	tile, wall	RE/HU	1982, 1985	5-15	18, 19
PSB	26.845	-180.009	1619	tile, roof or floor of roof	RE/HU	1982, 1985	5-15	22
PSB	26.851	-180.027	1637	tile, roof or floor of roof	RE/HU	1982, 1985	5-15	22

## Sample Collection and Documentation

**Table 5A. Continued**

Site name <sup>a</sup>	Y, km	X, km	GR, m	Sample type	Collector <sup>b</sup>	Year collected	Architectural Ref	Measurement Ref
Hiroshima Bank of Credit (Misasa Bank)	26.425	-176.745	1676	steel rail	RE/HU	1990	12-2	37
Hiroshima Bank of Credit (Misasa Bank)	26.405	-176.743	1682	concrete	RE/HU	1990	12-2	43
Japan Electrometer Insp. Co. (JEMIC)	26.614	-176.611	1788	tile, wall	RE/HU	1982	12-1	24
Hiroshima Elec Co. Headqtrrs (Hiroden Honsha)	27.201	-180.225	1892	unknown	RE/HU		5-16	43
Myoosen-Temple	28.563	-178.921	1915	tile, roof, ornamental	HU	1982	8-11, 8-27	7, 18
HUFE	26.809	-180.443	2050	tile, wall	RE/HU	1982	5-17	7
HUFE	26.809	-180.449	2056	tile, wall	RE/HU	1982	5-17	18, 24
Hiramoto's house	24.756	-179.037	2067	tile, roof, ornamental	HU	1982		7, 18, 21
Kirihara's house	24.318	-177.752	2487	tile, roof or floor of roof	HU	1982		7, 18, 21
Hiroshima Commercial High School	24.825	-180.533	2858	concrete	RE/HU	1996	10-2	43
Hiroshima Commercial High School	24.785	-180.510	2867	granite	RE/HU	1996	10-2	43
Kannon-Temple	0.000	0.000	>3000	granite	HU	2001	7-26 OR 8-18	43
Senzoubu local stone	0.000	0.000	>3000	granite	HU	2001		43
Sengyo Temple	0.000	0.000	>3000	granite	HU	2001		43
Myoken-Temple	0.000	0.000	>3000	granite	HU	2001		43
Sengyo-Temple	0.000	0.000	>3000	granite	HU	2001	9-15	43
Army Food Storehouse	27.972	-182.797	4576	steel plate	RE	1982	9-5	37, 43

<sup>a</sup>Site name: HUPS = Hiroshima University Primary School ("I" Building); HUFS = Hiroshima University Faculty of Science ("E" Building); PSB = Postal Savings Building (Chokin Kyoku); HUFE = Hiroshima University Faculty of Engineering

<sup>b</sup>Collector: TW = Geological survey team led by T. Watanabe; HPM = Hiroshima Peace Memorial Museum/S. Nagaoka; YS = F. Yamasaki and A. Sugimoto; HU = Hiroshima University; AB = ABCC (Atomic Bomb Casualty Commission); RE = RERF (Radiation Effects Research Foundation); NZ = Dr. Masanori Nakaidzumi; HPC = Hiroshima Prefectural College of Health Sciences; TUM = Technical University of Munich

Note: Long-distance copper samples measured for <sup>63</sup>Ni background in this work are listed in Table 4 but are not included in Table 5 because Table 4 contains all relevant available information for these particular samples.

Sample Collection and Documentation

**Table 5B. Complete list of samples for which measurements were considered in DS02: Nagasaki  
(GR = ground distance from DS02 hypocenter at 34.245, -25.394)**

Site name	Y, km	X, km	GR, m	Sample type	Collector <sup>b</sup>	Year collected	Architectural Ref	Measurement Ref
(river embankment) <sup>a</sup>	0	0	13	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	18	andesite rock	NU	<1996		31
Shimono kawa location No. 129	34.266	-25.370	31	granite	NU	<1985		30, 41
Shimono kawa location No. 114	34.275	-25.414	35	granite	NU	<1991		41
Shimono kawa location No. 113	34.275	-25.414	35	granite	NU	<1985		30, 41
(river embankment) <sup>a</sup>	0	0	39	andesite rock	NU	<1996		31
Shimono kawa location No. 112	34.277	-25.370	39	granite	NU	<1985		30, 41
(river embankment) <sup>a</sup>	0	0	40	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	60	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	63	andesite rock	NU	<1996		31
Shimono kawa location No. 158	34.271	-25.329	68	granite	NU	<1991		41
Shimono kawa location No. 157	34.271	-25.329	68	granite	NU	<1991		41
Shimono kawa location No. 154	34.271	-25.329	68	granite	NU	<1991		41
Shimono kawa location No. 156	34.271	-25.329	68	granite	NU	<1991		41
Shimono kawa location No. 176	34.280	-25.331	71	granite	NU	<1991		41
Shimono kawa location No. 175	34.280	-25.331	71	granite	NU	<1991		41
Shimono kawa location No. 177	34.280	-25.331	71	granite	NU	<1991		41
Matsuyama cho	34.317	-25.362	77	tile, roof or floor of roof	HPM	1963		9
(river embankment) <sup>a</sup>	0	0	79	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	82	andesite rock	NU	<1996		31
Yamazoto-cho House	34.331	-25.416	87	tile, roof or floor of roof	AB	1963		5, 6
(river embankment) <sup>a</sup>	0	0	92	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	93	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	93	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	96	andesite rock	NU	<1996		31
(river embankment) <sup>a</sup>	0	0	106	granite	NU	<1996		31
Shimono kawa location No. 133	34.233	-25.500	107	granite	NU	<1991		41
Shimono kawa location No. 132	34.233	-25.500	107	granite	NU	<1991		41
Shimono kawa location No. 130	34.240	-25.508	115	granite	NU	<1991		41
(river embankment) <sup>a</sup>	0	0	118	andesite rock	NU	<1996		31
N1	34.241	-25.511	118	tile, roof or floor of roof	HPM	1963		25
(river embankment) <sup>a</sup>	0	0	119	andesite rock	NU	<1996		31