Appendix G
Room 01 and 04 Sump Sludge Sample Reports
Room 04 Vent Duct Sample Report

Date: 25-Sep-00

Barringer Laboratories, Inc.

15000 W 6th Avenue Suite 300 Golden, Colorado 80401-5047 (800) 654-0506 (303) 277-1687 Fax (303) 277-1689

Thomas Dias
New World Technology
1236 Concannon Blvd.
Livermore, CA 94550

Phone: 1-925-443-7967
Fax: 1-925-443-0119

Work Order: 0008311

Project: Walter Reed D & D #GA 00367

Dear Thomas Dias,

Barringer Laboratories received 4 samples on 08/28/00 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these test results, please feel free to call.

Michael Howard
Radiochemistry Laboratory Manager

9/26/00

J.R. Ritenour
Project Manager

Date: 25-Sep-00

Barringer Laboratories, Inc.

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Sample Receipt Checklist

Client Name	**New World Technology**	Date and Time Received	**28-Aug-00**
Work Order	**0008311**	Received By	**SPK**
Carrier	**FedEx**	Checklist Created By	**SPK**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Coolers and samples screened for radioactivity?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated tests?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	Temp: 12°C
VOA vials have less than pea-sized headspace?	Yes ☐	No ☐	No VOA vials ☑
Was pH acceptable upon receipt?	Yes ☑	No ☐	
Was pH left unadjusted?	Yes ☑	No ☐	Preservative: Lot#:

Comments:

Date: 25-Sep-00

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Client: New World Technology
Project: Walter Reed D & D #GA 00367
Work Order: 0008311
Date Received: 8/28/00
Temp Received: 12°C

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Matrix	Bottle and Preservation
0008311-01A	WR-01SA		8/16/00 2:00:00 PM	Sludge	1L plastic, unpreserved
0008311-02A	WR-01SB		8/16/00 2:00:00 PM	Sludge	1L plastic, unpreserved
0008311-03A	WR-04S		8/16/00 1:50:00 PM	Sludge	1L plastic, unpreserved
0008311-04A	WR-04VD		8/16/00 1:45:00 PM	Sludge	1L plastic, unpreserved

Date: 25-Sep-00

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Client: New World Technology
Project: Walter Reed D & D #GA 00367
Work Order: 0008311

CASE NARRATIVE

All reported values in this report have been rounded to the correct number of significant figures. All calculations have been performed before applying significant figures, therefore, not all calculations may be reproducible with the results printed in this report.

Barringer Laboratories, Inc.

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Date: 25-Sep-00

CLIENT SAMPLE REPORT

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Client Sample ID: WR-01SA

Tag Number:

Lab Sample ID: **0008311-01A**
Date Collected: **08/16/2000**
Matrix: **Sludge**

Analyte	CAS#	Method	Result ± 2 sigma	Limit	Qual	Unit	DF	Prepped	Analyzed	Analyst	Batch
Actinium-228, total	14331-83-0	EPA 901.1	1.1 ± 0.31	0.3		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Bismuth-214, total	14733-03-0	EPA 901.1	0.91 ± 0.18	0.2		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Cesium-137, total	10045-97-3	EPA 901.1	0.27 ± 0.072	0.09		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Lead-212, total	15092-94-1	EPA 901.1	1.2 ± 0.18	0.2		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Lead-214, total	15067-28-4	EPA 901.1	0.89 ± 0.20	0.2		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Potassium-40, total	13966-00-2	EPA 901.1	9.5 ± 1.6	1		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Thallium-208, total	14913-50-9	EPA 901.1	0.35 ± 0.080	0.09		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Strontium-89/90, total	11-10-9	EPA 905.0/SM704	-0.31 ± 0.60	1		pCi/g	1	08/28/2000	09/20/2000	MTC	P6891

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Client Sample ID: WR-01SB

Tag Number:

Lab Sample ID: **0008311-02A**
Date Collected: **08/16/2000**
Matrix: **Sludge**

Analyte	CAS#	Method	Result ± 2 sigma	Limit	Qual	Unit	DF	Prepped	Analyzed	Analyst	Batch
Lead-212, total	15092-94-1	EPA 901.1	1.2 ± 0.27	0.3		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Thallium-208, total	14913-50-9	EPA 901.1	0.37 ± 0.13	0.2		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Strontium-89/90, total	11-10-9	EPA 905.0/SM704	-0.39 ± 0.61	1		pCi/g	1	08/28/2000	09/20/2000	MTC	P6891

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Client Sample ID: WR-04S

Tag Number:

Lab Sample ID: **0008311-03A**
Date Collected: **08/16/2000**
Matrix: **Sludge**

Analyte	CAS#	Method	Result ± 2 sigma	Limit	Qual	Unit	DF	Prepped	Analyzed	Analyst	Batch
Cesium-137, total	10045-97-3	EPA 901.1	ND	0.04		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803
Strontium-89/90, total	11-10-9	EPA 905.0/SM704	0.23 ± 0.71	1		pCi/g	1	08/28/2000	09/21/2000	MTC	P6931

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Client Sample ID: WR-04VD

Tag Number:

Lab Sample ID: **0008311-04A**
Date Collected: **08/16/2000**
Matrix: **Sludge**

Analyte	CAS#	Method	Result ± 2 sigma	Limit	Qual	Unit	DF	Prepped	Analyzed	Analyst	Batch
Potassium-40, total	13966-00-2	EPA 901.1	0.93 ± 0.38	0.6		pCi/g	1	08/28/2000	09/11/2000	LLC	A9803

Qualifiers:
ND - Not detected at the reporting limit
B - Analyte detected in method blank
Z - Sample > 10 times blank result
J - Analyte detected below reporting limit
L - Contract/Client reporting limit exceeded
M - Maximum contaminant level exceeded
E - Value above quantitation range
R - RPD outside accepted recovery limits
X - Duplicate sample(s) < 5 times limit
S - Spike outside accepted recovery limits
Y - Unspiked sample > 4 times amount spiked

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Date: 25-Sep-00

BATCH QC SUMMARY REPORT

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: A9803
Sample Duplicate

Sample ID: **0008311-01ADUP** Method: **EPA 901.1** Prepped: **8/28/00**
Seq No: **192054** Unit: **pCi/g** Analyzed: **9/11/00**
Run ID: **GAMMASPEC_000908B** Matrix: **Solid** Analyst: **LLC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Actinium-228, total	1.1 ± 0.32	0.3						1.1	± 0.31	0.02	1.00	
Bismuth-214, total	0.79 ± 0.17	0.2						0.91	± 0.18	0.27	1.00	
Cesium-137, total	0.27 ± 0.073	0.09						0.27	± 0.072	0.02	1.00	
Lead-212, total	1.3 ± 0.19	0.1						1.2	± 0.18	0.19	1.00	
Lead-214, total	0.95 ± 0.20	0.2						0.89	± 0.20	0.14	1.00	
Potassium-40, total	8.8 ± 1.5	0.6						9.5	± 1.6	0.15	1.00	
Thallium-208, total	0.37 ± 0.077	0.07						0.35	± 0.080	0.09	1.00	

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: A9803
Laboratory Control Spike

Sample ID: **LCS1-BLI#3644** Method: **EPA 901.1** Prepped:
Seq No: **192052** Unit: **pCi/g** Analyzed: **9/8/00**
Run ID: **GAMMASPEC_000908B** Matrix: **Soil** Analyst: **LLC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Cesium-137, total	61 ± 2.4	0.7	60		101	81	119					

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: P6891
Sample Duplicate

Sample ID: **0008255-02ADUP** Method: **EPA 905.0/SM704** Prepped: **8/21/00**
Seq No: **191997** Unit: **pCi/g** Analyzed: **9/19/00**
Run ID: **GFPC_000919D** Matrix: **Soil** Analyst: **MTC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Strontium-89/90, total	-0.20 ± 0.58	1						-0.030	± 0.55	0.15	1.00	

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: P6891
Laboratory Control Spike

Sample ID: **LCS1-6891** Method: **EPA 905.0/SM704** Prepped:
Seq No: **191986** Unit: **pCi/L** Analyzed: **9/19/00**
Run ID: **GFPC_000919D** Matrix: **Aqueous** Analyst: **MTC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Strontium-89/90, total	38 ± 1.3	1	42		91	82	118					

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: P6891
Method Blank

Sample ID: **MB1-6891** Method: **EPA 905.0/SM704** Prepped:
Seq No: **191987** Unit: **pCi/L** Analyzed: **9/19/00**
Run ID: **GFPC_000919D** Matrix: **Aqueous** Analyst: **MTC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Strontium-89/90, total	0.89 ± 0.51	0.9										

Qualifiers:

ND - Not detected at the reporting limit
J - Analyte detected below quantitation limit
E - Value above quantitation range
R - RPD outside accepted recovery limits
X - Duplicate sample(s) < 5 times limit
S - Spike recovery outside accepted recovery limits
Y - Unspiked sample > 4 times amount spiked
B - Analyte detected in the associated method blank
Z - Sample > 10 times blank result

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Date: 25-Sep-00

BATCH QC SUMMARY REPORT

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: **P6931**
Sample Duplicate

Sample ID: **0009033-11ADUP** Method: **EPA 905.0/SM704** Prepped: **9/7/00**
Seq No: **192563** Unit: **pCi/g** Analyzed: **9/21/00**
Run ID: **GFPC_000921C** Matrix: **Soil** Analyst: **MTC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Sttrontium-89/90, total	0.090 ± 0.14	0.3						0.11	± 0.14	0.07	1.00	

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: **P6931**
Laboratory Control Spike

Sample ID: **LCS1-6931** Method: **EPA 905.0/SM704** Prepped:
Seq No: **192564** Unit: **pCi/L** Analyzed: **9/21/00**
Run ID: **GFPC_000921C** Matrix: **Aqueous** Analyst: **MTC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Sttrontium-89/90, total	41 ± 1.4	0.9	42		98	82	118					

Client: **New World Technology**
Work Order: **0008311**
Project: **Walter Reed D & D #GA 00367**

Batch ID: **P6931**
Method Blank

Sample ID: **MB1-6931** Method: **EPA 905.0/SM704** Prepped:
Seq No: **192565** Unit: **pCi/L** Analyzed: **9/21/00**
Run ID: **GFPC_000921C** Matrix: **Aqueous** Analyst: **MTC**

Analyte	Result ± 2 sigma	Limit	SpikeVal	SpikeRefVal	%REC	LowLimit	HighLimit	DupRefVal	± 2 sigma	RPD/RER	RPDLimit	Qual
Sttrontium-89/90, total	0.27 ± 0.52	0.9										

Qualifiers:

ND - Not detected at the reporting limit
J - Analyte detected below quantitation limit
E - Value above quantitation range
R - RPD outside accepted recovery limits
X - Duplicate sample(s) < 5 times limit
S - Spike recovery outside accepted recovery limits
Y - Unspiked sample > 4 times amount spiked
B - Analyte detected in the associated method blank
Z - Sample > 10 times blank result

New World Technology

Chain of Custody

0008311

Page 1 of 1

Project Name: Walter Reed D&D

Project #: GA00367

P.O.#: 3012

Sampler: Dan Spiewak

Notes: Call (412) 848-7012 before sending results

Analysis Required

Sample Identification	Date Collected	Time Collected					# of Containers	Gamma Spec	Full TCL + TAL								Remarks	Check if RUSH
WR-01SA	8-16-00	1400				X	1	X	X									
WR-01SB	8-16-00	1400				X	1	X	X									
WR-04S	8-16-00	1350				X	1	X	X									
WR-04SD	8-16-00	1345				X	1	X	X									

NH

Name of Shipper	Airbill No.	Date	Time	Sample Relinquished By:	Date	Time	Sample Received By:	Date	Time
Fed Ex	811458171462	8-15-00	0900	Dan Spiewak	8-15-00	0900	J. Kyle	8/28/00	1015

Received by (Lab)	Date	Time	Condition on receipt

Turnaround Time Requested: (please circle): (Normal) Rush

(Rush TAT is subject to Client approval and Laboratory surcharge)

Report Results By: (Date) 9-15-00

Rush results requested by: (please circle): Phone Fax

Report Results To: Dan Spiewak

Address: 448 Commerce Way Livermore, CA 94550

Telephone: (925) 443-7967 **Fax:** (925) 443-0119

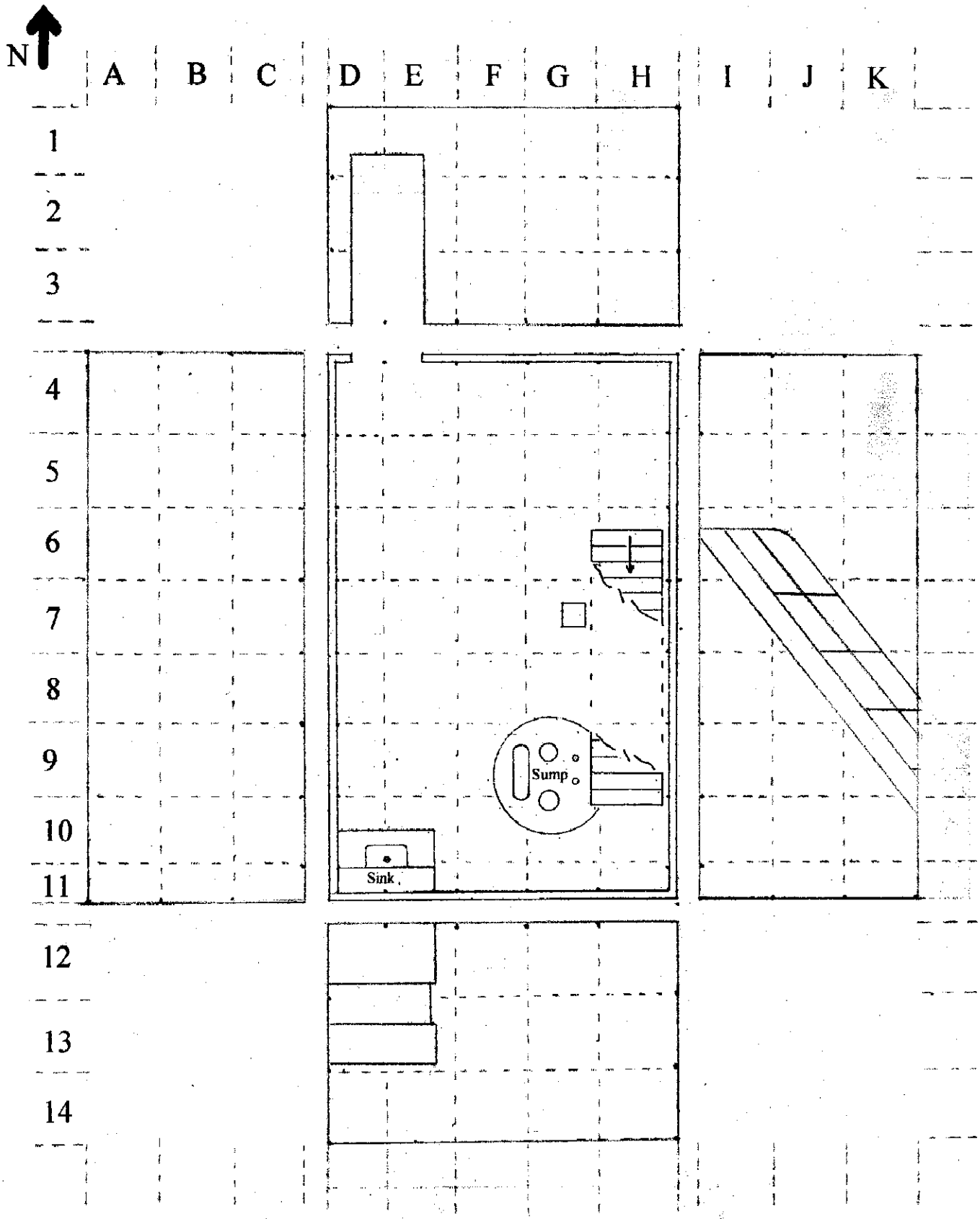
Type: (please circle) Haz Rad Mixed (Unknown)

Disposal By: (please circle) (Lab) Client Contractor

White Copy – (Original) Retain with Samples Yellow Copy - Customer Pink Copy - Retain for Project Files

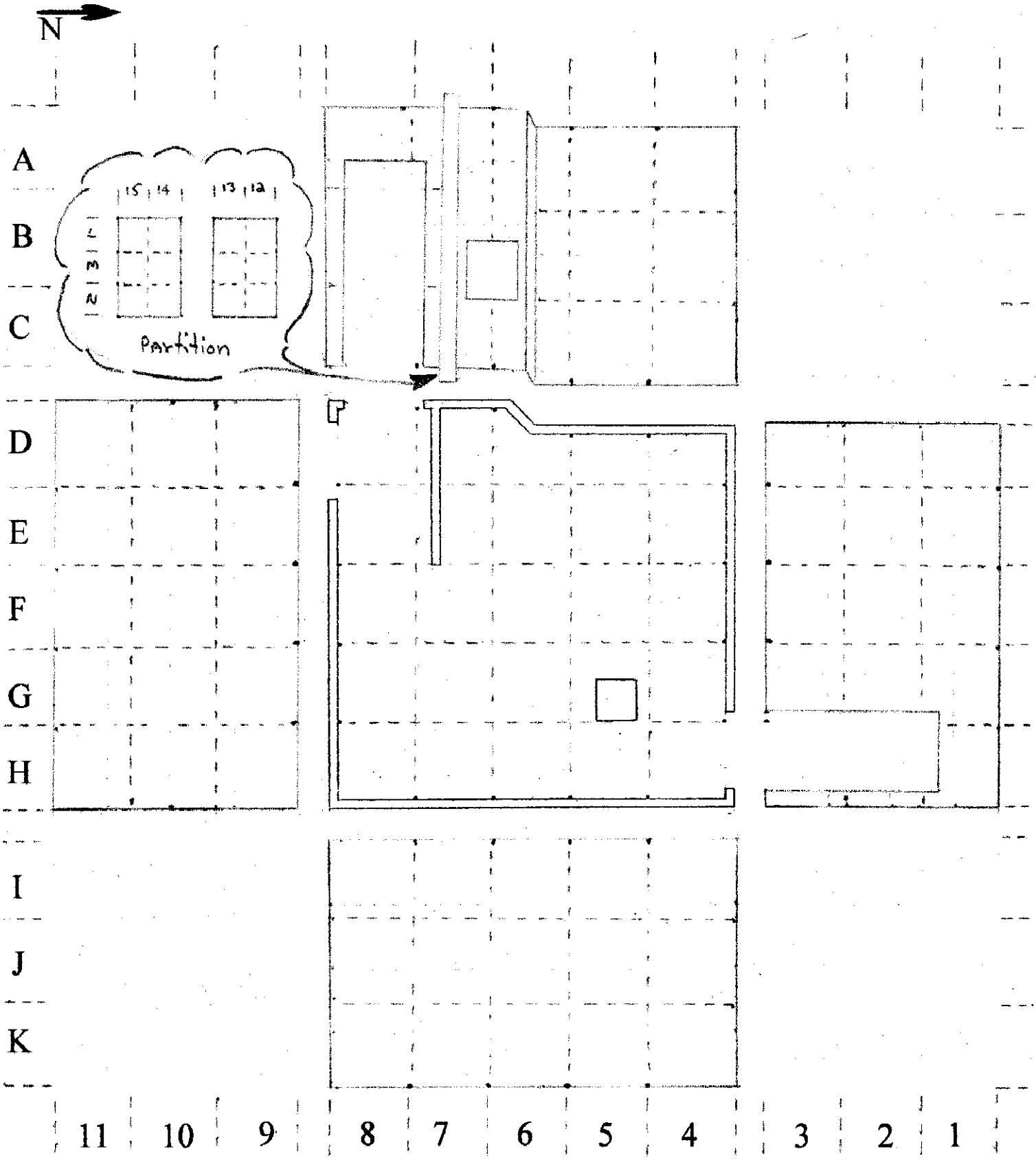
Appendix H
Room Grid Maps

Room 01 Grid Map



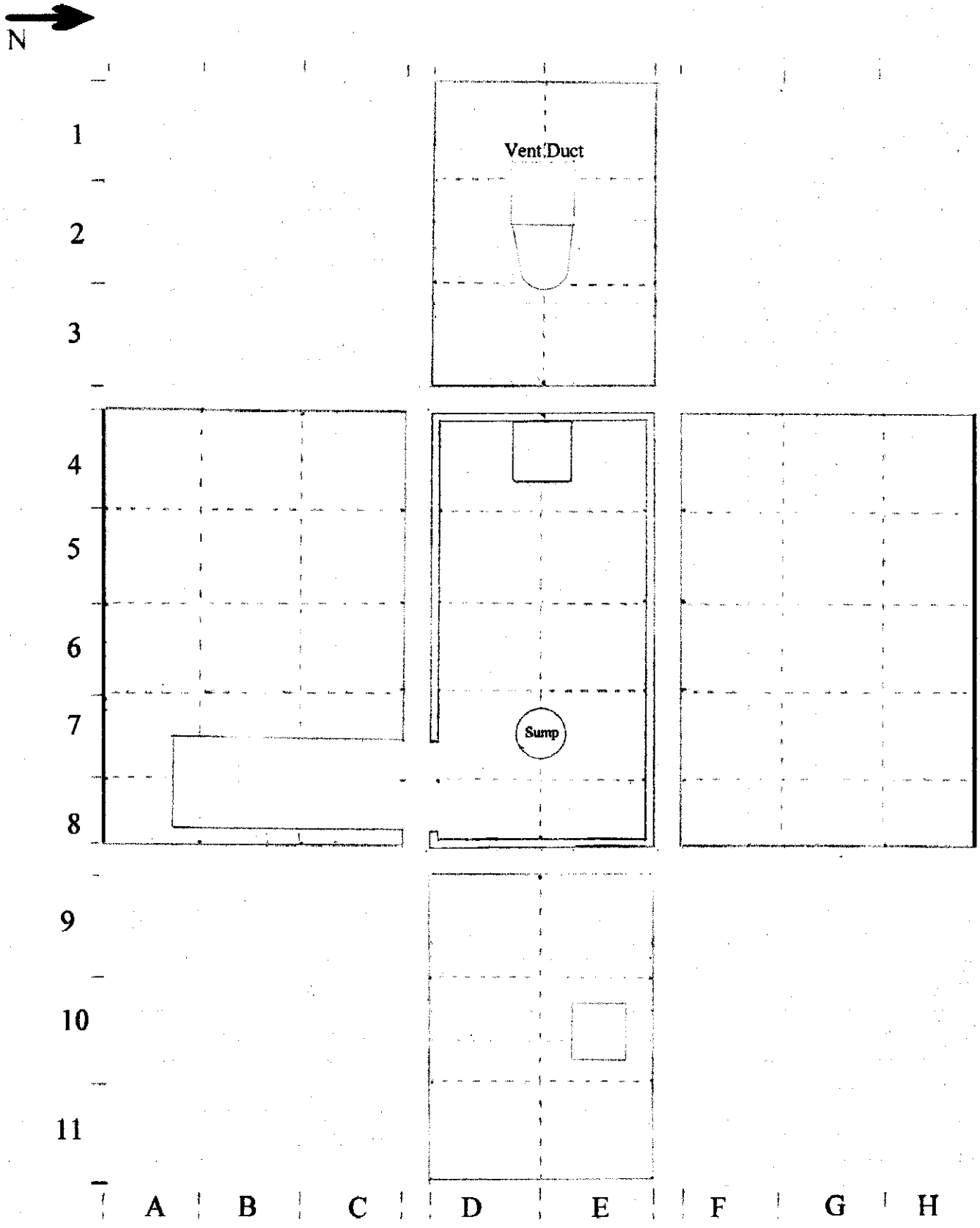
Grids are 1 Meter by 1 Meter

Room 02-03 Grid Map



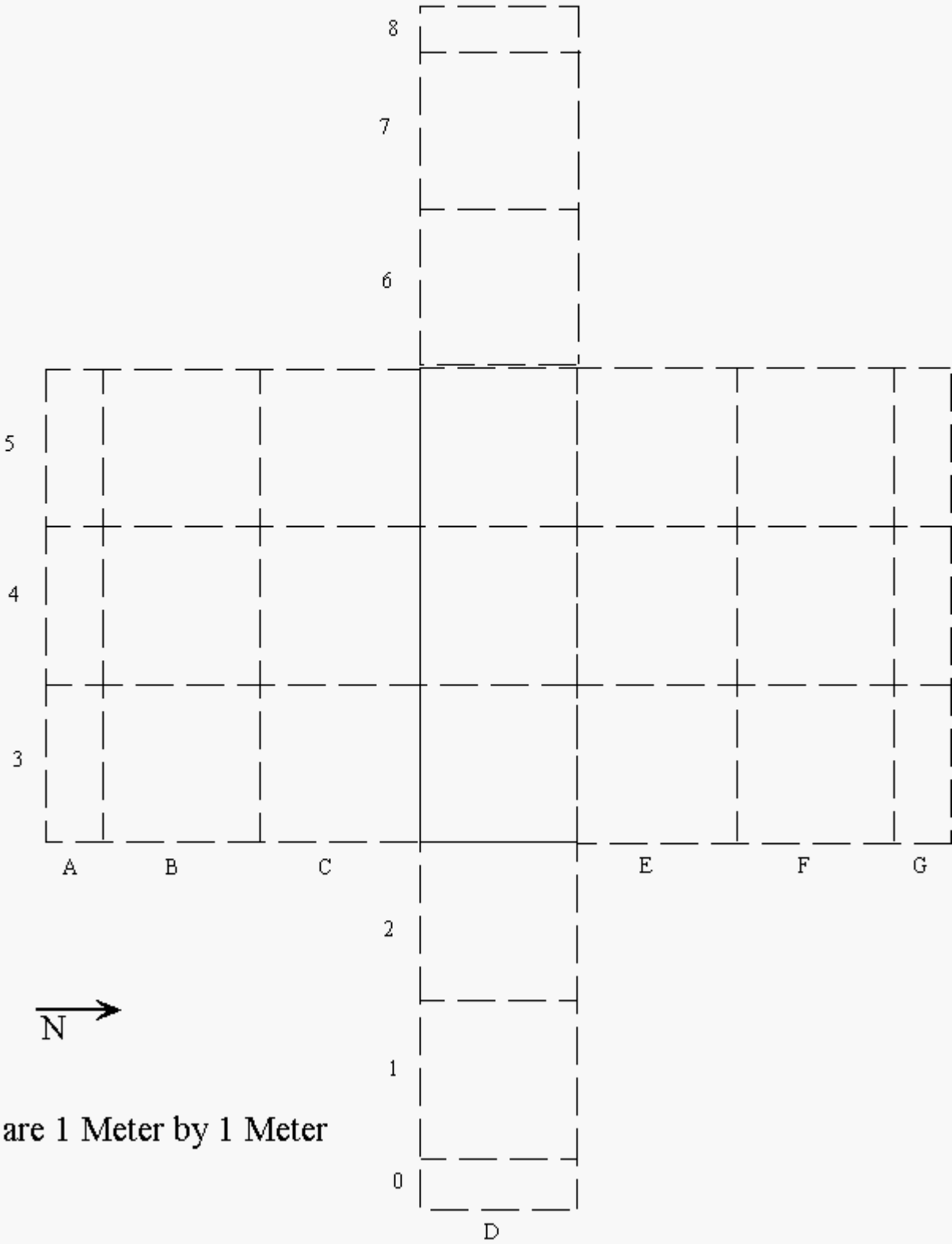
Grids are 1 Meter by 1 Meter

Room 04 Grid Map



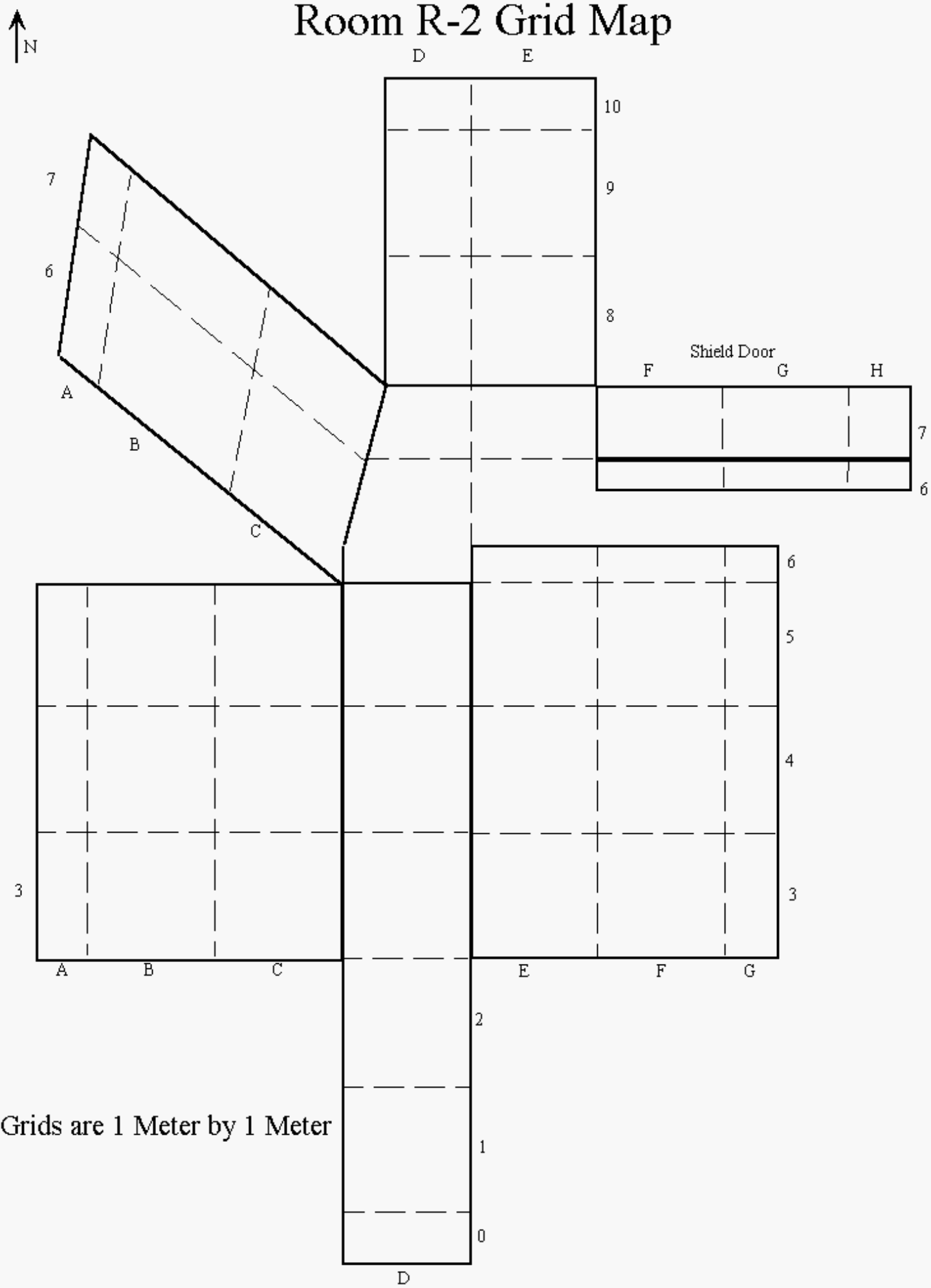
Grids are 1 Meter by 1 Meter

Room R-1 Grid Map



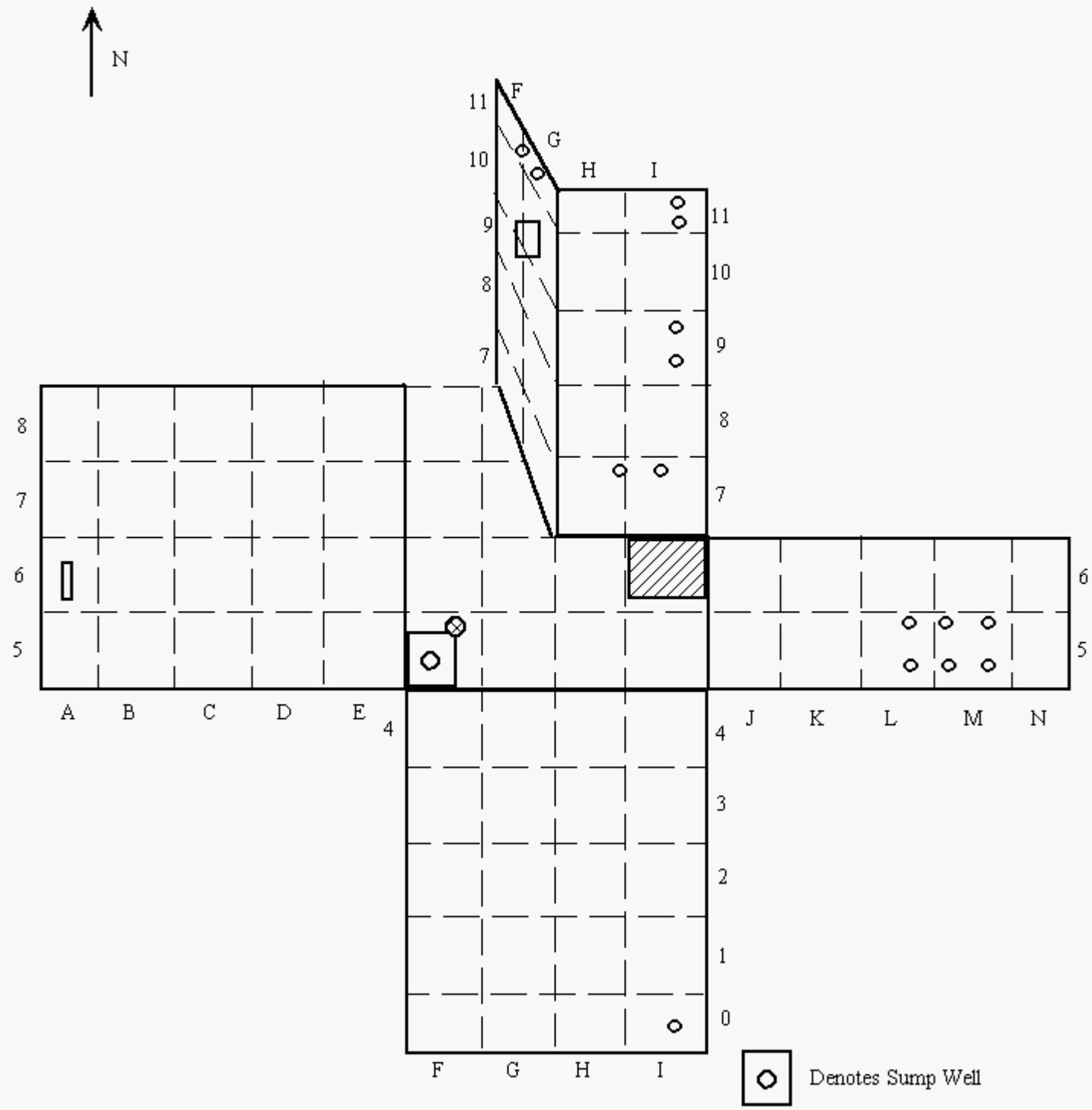
Grids are 1 Meter by 1 Meter

Room R-2 Grid Map



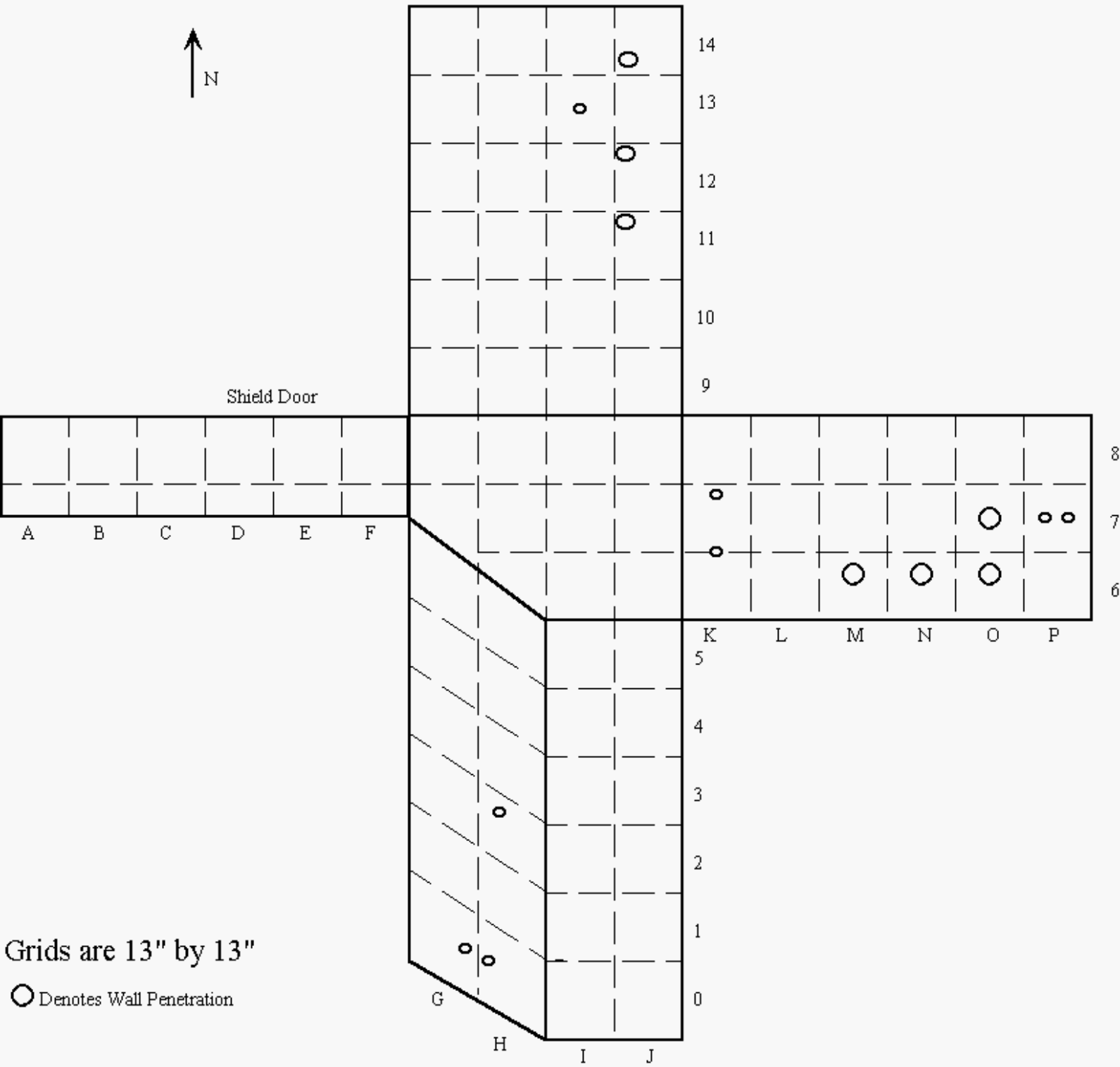
Grids are 1 Meter by 1 Meter

Room R-3 Grid Map



Grids are .5 Meter by .5 Meter

Room GR Grid Map



Appendix I
Loose Surface Contamination Survey Results
Beta-Alpha Activity

DATE: 09/08/2000	NWTS# N/A	ANALYSIS PERFORMED BY: Charles Russo

COUNTING SYSTEM DATA

INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1
EFFICIENCIES: α:	0.13		MDA: α:	21.7	DPM
βγ:	0.2		βγ:	139.3	DPM

PERFORMED BY: Dave Davis

SAMPLE COUNT TIME:	2 Minute	ACTIVITY REPORT IN:	DPM/100 cm^2
α BACKGROUND:	0.2 CPM	βγ BACKGROUND:	65 CPM

SAMPLE I.D./DESCRIPTION	GROSS COUNTS		NET COUNTS		ACTIVITY	
Survey Unit-Room #/Grid ID #	α	βγ	α	βγ	α	βγ
O4/E-4	0.5	75	0.3	10	<MDA	<MDA
O4/D-5	0.5	69	0.3	4	<MDA	<MDA
O4/E-6	0.5	76	0.3	11	<MDA	<MDA
O4/D-7	1	76	0.8	11	<MDA	<MDA
O4/E-8	0.5	67	0.3	2	<MDA	<MDA
O1/E-4	0.5	66	0.3	1	<MDA	<MDA
O1/G-4	1	72	0.8	7	<MDA	<MDA
O1/D-5	0.5	68	0.3	3	<MDA	<MDA
O1/F-5	0	61	-0.2	-4	<MDA	<MDA
O1/H-5	1	80	0.8	15	<MDA	<MDA
O1/E-6	0	73	-0.2	8	<MDA	<MDA
O1/G-6	1	67	0.8	2	<MDA	<MDA
01/D-7	0.5	56	0.3	-9	<MDA	<MDA
O1/F-7	1.5	67	1.3	2	<MDA	<MDA
O1/H-7	0.5	75	0.3	10	<MDA	<MDA
O1/E-8	0.5	72	0.3	7	<MDA	<MDA
O1/G-8	1	72	0.8	7	<MDA	<MDA
O1/D-9	0.5	69	0.3	4	<MDA	<MDA
O1/F-9	1	75	0.8	10	<MDA	<MDA
O1/H-9	0	72	-0.2	7	<MDA	<MDA
O1/E-10	1	69	0.8	4	<MDA	<MDA
O1/G-10	1	65	0.8	0	<MDA	<MDA
O1/G-9	1	59	0.8	-6	<MDA	<MDA
O1/H-11	1.5	70	1.3	5	<MDA	<MDA
O1/E-11	1	60	0.8	-5	<MDA	<MDA
O3/D-8	1	72	0.8	7	<MDA	<MDA
O3/D-6	1	67	0.8	2	<MDA	<MDA
O3/D-4	0	71	-0.2	6	<MDA	<MDA
O3/E-7	0.5	73	0.3	8	<MDA	<MDA
O3/E-5	1	61	0.8	-4	<MDA	<MDA
O3/F-8	1	67	0.8	2	<MDA	<MDA
O3/F-6	0.5	61	0.3	-4	<MDA	<MDA
O3/F-4	1	67	0.8	2	<MDA	<MDA
O3/G-7	1.5	69	1.3	4	<MDA	<MDA
O3/G-5	1	60	0.8	-5	<MDA	<MDA
O3/H-8	1	66	0.8	1	<MDA	<MDA
O3/H-6	0.5	69	0.3	4	<MDA	<MDA
O3/H-4	0.5	60	0.3	-5	<MDA	<MDA
R1/A-3	1.5	75	1.3	10	<MDA	<MDA
R1/B-3	1	70	0.8	5	<MDA	<MDA
R1/C-3	1	61	0.8	-4	<MDA	<MDA
R1/D-3	0	72	-0.2	7	<MDA	<MDA
R1/E-3	0.5	62	0.3	-3	<MDA	<MDA
R1/F-3	0	60	-0.2	-5	<MDA	<MDA

DATE: 09/08/2000	NWTS# N/A		ANALYSIS PERFORMED BY: Charles Russo			
COUNTING SYSTEM DATA						
INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688	
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1	
EFFICIENCIES: α:	0.13		MDA: α:	21.7	DPM	
βγ:	0.2		βγ:	139.3	DPM	
PERFORMED BY: Dave Davis						
SAMPLE COUNT TIME:	2 Minute		ACTIVITY REPORT IN:	DPM/100 cm^2		
α BACKGROUND: 0.2	CPM		βγ BACKGROUND: 65		CPM	

SAMPLE I.D./DESCRIPTION	GROSS COUNTS		NET COUNTS		ACTIVITY	
Survey Unit-Room #/Grid ID #	α	βγ	α	βγ	α	βγ
R1/G-3	0.5	68	0.3	3	<MDA	<MDA
R1/A-4	0.5	71	0.3	6	<MDA	<MDA
R1/B-4	1.5	70	1.3	5	<MDA	<MDA
R1/C-4	0.5	70	0.3	5	<MDA	<MDA

Remarks: Final Status Survey Loose Surface Contamination Survey

Reviewed by: Dan Spicuzza — Date: 09/09/2000

DATE: 09/10/2000	NWTS# N/A	ANALYSIS PERFORMED BY: Charles Russo

COUNTING SYSTEM DATA					
INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1
EFFICIENCIES: α:	0.13		MDA: α:	28.3	DPM
βγ:	0.2		βγ:	142.3	DPM
PERFORMED BY:	Dave Davis				
SAMPLE COUNT TIME:	2 Minute		ACTIVITY REPORT IN:	DPM/100 cm^2	
α BACKGROUND:	0.5 CPM		βγ BACKGROUND:	68	CPM

SAMPLE I.D./DESCRIPTION Survey Unit-Room #/Grid ID #	GROSS COUNTS		NET COUNTS		ACTIVITY	
	α	βγ	α	βγ	α	βγ
R1/D-4	2	68	1.5	0	<MDA	<MDA
R1/E-4	0	78	-0.5	10	<MDA	<MDA
R1/F-4	1	69	0.5	1	<MDA	<MDA
R1/G-4	0	67	-0.5	-1	<MDA	<MDA
R1/A-5	0	75	-0.5	7	<MDA	<MDA
R1/B-5	2	69	1.5	1	<MDA	<MDA
R1/C-5	0	61	-0.5	-7	<MDA	<MDA
R1/D-5	1	65	0.5	-3	<MDA	<MDA
R1/E-5	0	62	-0.5	-6	<MDA	<MDA
R1/F-5	0	77	-0.5	9	<MDA	<MDA
R1/G-5	0	63	-0.5	-5	<MDA	<MDA
R1/D-3 Ceiling	0	53	-0.5	-15	<MDA	<MDA
R1/D-4 Ceiling	0	59	-0.5	-9	<MDA	<MDA
R1/D-5 Ceiling	0	79	-0.5	11	<MDA	<MDA
R2/D-0	0	61	-0.5	-7	<MDA	<MDA
R2/D-1	0	66	-0.5	-2	<MDA	<MDA
R2/D-2	2	56	1.5	-12	<MDA	<MDA
R2/A-3	1	78	0.5	10	<MDA	<MDA
R2/B-3	1	63	0.5	-5	<MDA	<MDA
R2/C-3	1	66	0.5	-2	<MDA	<MDA
R2/D-3	1	74	0.5	6	<MDA	<MDA
R2/E-3	1	72	0.5	4	<MDA	<MDA
R2/F-3	0	55	-0.5	-13	<MDA	<MDA
R2/G-3	0	53	-0.5	-15	<MDA	<MDA
R2/A-4	0	56	-0.5	-12	<MDA	<MDA
R2/B-4	1	81	0.5	13	<MDA	<MDA
R2/C-4	0	69	-0.5	1	<MDA	<MDA
R2/D-4	0	53	-0.5	-15	<MDA	<MDA
R2/E-4	0	66	-0.5	-2	<MDA	<MDA
R2/F-4	0	74	-0.5	6	<MDA	<MDA
R2/G-4	0	71	-0.5	3	<MDA	<MDA
R2/A-5	1	65	0.5	-3	<MDA	<MDA
R2/B-5	1	58	0.5	-10	<MDA	<MDA
R2/C-5	0	57	-0.5	-11	<MDA	<MDA
R2/D-5	1	72	0.5	4	<MDA	<MDA
R2/E-5	1	67	0.5	-1	<MDA	<MDA
R2/F-5	0	61	-0.5	-7	<MDA	<MDA
R2/G-5	1	57	0.5	-11	<MDA	<MDA
R2/A-6	1	68	0.5	0	<MDA	<MDA
R2/B-6	0	64	-0.5	-4	<MDA	<MDA
R2-C-6	0	62	-0.5	-6	<MDA	<MDA
R2/D-6	0	70	-0.5	2	<MDA	<MDA
R2/E-6 Floor	0	69	-0.5	1	<MDA	<MDA
R2/E-6 Wall	1	56	0.5	-12	<MDA	<MDA

DATE: 09/10/2000	NWTS# N/A	ANALYSIS PERFORMED BY: Charles Russo

COUNTING SYSTEM DATA					
INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1
EFFICIENCIES: α:	0.13		MDA: α:	28.3	DPM
βγ:	0.2		βγ:	142.3	DPM
PERFORMED BY:	Dave Davis				
SAMPLE COUNT TIME:	2 Minute		ACTIVITY REPORT IN:	DPM/100 cm^2	
α BACKGROUND:	0.5 CPM		βγ BACKGROUND:	68	CPM

SAMPLE I.D./DESCRIPTION	GROSS COUNTS		NET COUNTS		ACTIVITY	
Survey Unit-Room #/Grid ID #	α	βγ	α	βγ	α	βγ
R2/F-6	1	59	0.5	-9	<MDA	<MDA
R2/G-6	0	70	-0.5	2	<MDA	<MDA
R2/A-7	0	71	-0.5	3	<MDA	<MDA
R2/B-7	0	63	-0.5	-5	<MDA	<MDA
R2/C-7	1	56	0.5	-12	<MDA	<MDA
R2/D-7	1	64	0.5	-4	<MDA	<MDA
R2/E-7	0	75	-0.5	7	<MDA	<MDA
R2/F-7 Shield Door	0	69	-0.5	1	<MDA	<MDA
R2/G-7 Shield Door	0	77	-0.5	9	<MDA	<MDA
R2/H-7 Shield Door	0	72	-0.5	4	<MDA	<MDA
R2/F-6 Shield Door	1	56	0.5	-12	<MDA	<MDA
R2/G-6 Shield Door	0	59	-0.5	-9	<MDA	<MDA
R2/H-6 Shield Door	1	61	0.5	-7	<MDA	<MDA
R2/D-8	0	67	-0.5	-1	<MDA	<MDA
R2/E-8	0	59	-0.5	-9	<MDA	<MDA
R2/D-9	0	63	-0.5	-5	<MDA	<MDA
R2/E-9	2	55	1.5	-13	<MDA	<MDA
R2/D-10	1	53	0.5	-15	<MDA	<MDA
R2/E-10	1	65	0.5	-3	<MDA	<MDA
R2/D-3 Ceiling	0	74	-0.5	6	<MDA	<MDA
R2/D-4 Ceiling	1	64	0.5	-4	<MDA	<MDA
R2/D-5 Ceiling	0	58	-0.5	-10	<MDA	<MDA
R2/D-6 Ceiling	1	60	0.5	-8	<MDA	<MDA
R2/E-6 Ceiling	1	67	0.5	-1	<MDA	<MDA
R2/D-7 Ceiling	0	61	-0.5	-7	<MDA	<MDA
R2/E-7 Ceiling	0	58	-0.5	-10	<MDA	<MDA
R3/F-0	1	61	0.5	-7	<MDA	<MDA
R3/H-0	0	82	-0.5	14	<MDA	<MDA
R3/G-1	0	52	-0.5	-16	<MDA	<MDA
R3/I-1	1	60	0.5	-8	<MDA	<MDA
R3/F-2	1	57	0.5	-11	<MDA	<MDA
R3/H-2	0	63	-0.5	-5	<MDA	<MDA
R3/G-3	0	61	-0.5	-7	<MDA	<MDA
R3/I-3	0	67	-0.5	-1	<MDA	<MDA
R3/F-4	0	85	-0.5	17	<MDA	<MDA
R3/H-4	0	56	-0.5	-12	<MDA	<MDA
R3/A-5	2	42	1.5	-26	<MDA	<MDA
R3/C-5	0	51	-0.5	-17	<MDA	<MDA
R3/E-5	1	58	0.5	-10	<MDA	<MDA
R3/G-5	0	49	-0.5	-19	<MDA	<MDA
R3/I-5	0	65	-0.5	-3	<MDA	<MDA
R3/K-5	0	55	-0.5	-13	<MDA	<MDA
R3/M-5	1	63	0.5	-5	<MDA	<MDA
R3/B-6	0	84	-0.5	16	<MDA	<MDA

DATE: 09/10/2000	NWTS# N/A	ANALYSIS PERFORMED BY: Charles Russo

COUNTING SYSTEM DATA					
INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1
EFFICIENCIES: α:	0.13		MDA: α:	28.3	DPM
βγ:	0.2		βγ:	142.3	DPM
PERFORMED BY:	Dave Davis				

SAMPLE COUNT TIME:	2 Minute	ACTIVITY REPORT IN:	DPM/100 cm^2
α BACKGROUND: 0.5	CPM	βγ BACKGROUND: 68	CPM

SAMPLE I.D./DESCRIPTION	GROSS COUNTS		NET COUNTS		ACTIVITY	
Survey Unit-Room #/Grid ID #	α	βγ	α	βγ	α	βγ
R3/D-6	0	77	-0.5	9	<MDA	<MDA
R3/F-6	1	61	0.5	-7	<MDA	<MDA
R3/H-6	0	64	-0.5	-4	<MDA	<MDA
R3/J-6	1	63	0.5	-5	<MDA	<MDA
R3/L-6	1	67	0.5	-1	<MDA	<MDA
R3/N-6	0	66	-0.5	-2	<MDA	<MDA
R3/A-7	0	84	-0.5	16	<MDA	<MDA
R3/C-7	1	57	0.5	-11	<MDA	<MDA
R3/E-7	0	73	-0.5	5	<MDA	<MDA
R3/G-7	2	65	1.5	-3	<MDA	<MDA
R3/I-7	1	77	0.5	9	<MDA	<MDA
R3/B-8	2	85	1.5	17	<MDA	<MDA
R3/D-8	1	88	0.5	20	<MDA	<MDA
R3/F-8	0	86	-0.5	18	<MDA	<MDA
R3/G-7 Wall	0	76	-0.5	8	<MDA	<MDA
R3/H-7 Wall	1	67	0.5	-1	<MDA	<MDA
R3/F-8 Wall	2	82	1.5	14	<MDA	<MDA
R3/I-8 Wall	1	77	0.5	9	<MDA	<MDA
R3/F-9 Wall	1.5	74	1	6	<MDA	<MDA
R3/H-9 Wall	3	78	2.5	10	<MDA	<MDA
R3/G-10 Wall	0	69	-0.5	1	<MDA	<MDA
R3/I-10 Wall	1.5	59	1	-9	<MDA	<MDA
R3/G-5 Ceiling	2	77	1.5	9	<MDA	<MDA
R3/I-5 Ceiling	0	67	-0.5	-1	<MDA	<MDA
R3/F-6 Ceiling	1	73	0.5	5	<MDA	<MDA
R3/H-6 Ceiling	3	55	2.5	-13	<MDA	<MDA
R3/F-7 Ceiling	2	69	1.5	1	<MDA	<MDA
R3/G-7Ceiling	0	72	-0.5	4	<MDA	<MDA
GR/G-14	0	70	-0.5	2	<MDA	<MDA
GR/I-14	2	57	1.5	-11	<MDA	<MDA
GR/H-13	0	80	-0.5	12	<MDA	<MDA
GR/J-13	1	77	0.5	9	<MDA	<MDA
GR/G-12	0	72	-0.5	4	<MDA	<MDA
GR/I-12	0	56	-0.5	-12	<MDA	<MDA
GR/H-11	0	63	-0.5	-5	<MDA	<MDA
GR/J-11	1	54	0.5	-14	<MDA	<MDA
GR/G-10	1	69	0.5	1	<MDA	<MDA
GR/I-10	0	55	-0.5	-13	<MDA	<MDA
GR/H-9	2	70	1.5	2	<MDA	<MDA
GR/J-9	0	59	-0.5	-9	<MDA	<MDA
GR/A-8	3	59	2.5	-9	<MDA	<MDA
GR/C-8	0	65	-0.5	-3	<MDA	<MDA
GR/E-8	1	64	0.5	-4	<MDA	<MDA
GR/G-8	0	60	-0.5	-8	<MDA	<MDA

DATE: 09/10/2000	NWTS# N/A	ANALYSIS PERFORMED BY: Charles Russo

COUNTING SYSTEM DATA					
INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1
EFFICIENCIES: α:	0.13		MDA: α:	28.3	DPM
βγ:	0.2		βγ:	142.3	DPM
PERFORMED BY:	Dave Davis				

SAMPLE COUNT TIME:	2 Minute	ACTIVITY REPORT IN:	DPM/100 cm^2
α BACKGROUND:	0.5 CPM	βγ BACKGROUND:	68 CPM

SAMPLE I.D./DESCRIPTION	GROSS COUNTS		NET COUNTS		ACTIVITY	
Survey Unit-Room #/Grid ID #	α	βγ	α	βγ	α	βγ
GR/I-8	0	58	-0.5	-10	<MDA	<MDA
GR/K-8	0	67	-0.5	-1	<MDA	<MDA
GR/M-8	1	71	0.5	3	<MDA	<MDA
GR/O-8	1	52	0.5	-16	<MDA	<MDA
GR/B-7	0	68	-0.5	0	<MDA	<MDA
GR/D-7	0	52	-0.5	-16	<MDA	<MDA
GR/F-7	0	57	-0.5	-11	<MDA	<MDA
GR/H-7	0	63	-0.5	-5	<MDA	<MDA
GR/J-7	2	67	1.5	-1	<MDA	<MDA
GR/L-7	1	59	0.5	-9	<MDA	<MDA
GR/N-7	2	65	1.5	-3	<MDA	<MDA
GR/P-7	1	71	0.5	3	<MDA	<MDA
GR/I-6	0	57	-0.5	-11	<MDA	<MDA
GR/K-6	0	65	-0.5	-3	<MDA	<MDA
GR/M-6	0	62	-0.5	-6	<MDA	<MDA
GR/O-6	0	67	-0.5	-1	<MDA	<MDA
GR/G-5	0	63	-0.5	-5	<MDA	<MDA
GR/I-5	1	57	0.5	-11	<MDA	<MDA
GR/H-4	0	64	-0.5	-4	<MDA	<MDA
GR/J-4	0	60	-0.5	-8	<MDA	<MDA
GR/G-3	0	53	-0.5	-15	<MDA	<MDA
GR/I-3	1	60	0.5	-8	<MDA	<MDA
GR/H-2	1	71	0.5	3	<MDA	<MDA
GR/J-2	1	73	0.5	5	<MDA	<MDA
GR/G-1	0	68	-0.5	0	<MDA	<MDA
GR/I-1	0	61	-0.5	-7	<MDA	<MDA
GR/H-0	0	55	-0.5	-13	<MDA	<MDA
GR/J-0	0	63	-0.5	-5	<MDA	<MDA
GR/H-8 Ceiling	0	61	-0.5	-7	<MDA	<MDA
GR/J-8 Ceiling	1	63	0.5	-5	<MDA	<MDA
GR/G-7 Ceiling	0	72	-0.5	4	<MDA	<MDA
GR/I-7 Ceiling	0	61	-0.5	-7	<MDA	<MDA
GR/H-6 Ceiling	1	63	0.5	-5	<MDA	<MDA
GR/J-6 Ceiling	0	61	-0.5	-7	<MDA	<MDA
R3/D-5 Wall Penetration	1	64	0.5	-4	<MDA	<MDA
R3/D-6 Wall Penetration	0	55	-0.5	-13	<MDA	<MDA
R3/D-6 Wall Penetration	0	68	-0.5	0	<MDA	<MDA
R3/E-0 Wall Penetration	0	70	-0.5	2	<MDA	<MDA
R3/E-4 Wall Penetration	1	62	0.5	-6	<MDA	<MDA
R3/E-4 Wall Penetration	0	72	-0.5	4	<MDA	<MDA
R3/E-6 Wall Penetration	1	80	0.5	12	<MDA	<MDA
R3/E-6 Wall Penetration	1	74	0.5	6	<MDA	<MDA
GR/0-7 Wall Penetration	0	76	-0.5	8	<MDA	<MDA
GR/0-6 Wall Penetration	2	65	1.5	-3	<MDA	<MDA

DATE: 09/10/2000	NWTS# N/A		ANALYSIS PERFORMED BY: Charles Russo			
COUNTING SYSTEM DATA						
INSTRUMENT I.D.:	α 95575	β 95575	DETECTOR I.D.:	α 096688	β 096688	
MODEL NUMBER:	α 2929	β 2929	MODEL NUMBER:	α 43-10-1	β 43-10-1	
EFFICIENCIES: α:	0.13		MDA: α:	28.3	DPM	
βγ:	0.2		βγ:	142.3	DPM	
PERFORMED BY:	Dave Davis					
SAMPLE COUNT TIME:	2 Minute		ACTIVITY REPORT IN:	DPM/100 cm^2		
α BACKGROUND:	0.5	CPM	βγ BACKGROUND:	68	CPM	

SAMPLE I.D./DESCRIPTION	GROSS COUNTS		NET COUNTS		ACTIVITY	
Survey Unit-Room #/Grid ID #	α	βγ	α	βγ	α	βγ
GR/N-6 Wall Penetration	1	53	0.5	-15	<MDA	<MDA
GR/M-6 Wall Penetration	0	75	-0.5	7	<MDA	<MDA

Remarks: Final Status Survey Loose Surface Contamination Survey

Reviewed by: Dan Spicuzza Date: 09/12/2000

Appendix J
Loose Surface Contamination Survey Results
Low Energy Beta Activity

Date:	20-Sep-00
Lab ID:	03-00116-195

NWT ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94550 **Phone: (925) 443-7967**
Fax: (925) 443-0119

Client: Walter Reed AIR
Bldg. 40

Contact: Dan Spicuzza **Title:** Project Manager
Analysis: LSC
Comment: GA00367

Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
1	O4/E-4	3	11	7	N D	***	< 10 dpm
2	O4/D-5	3	9	7	N D	***	< 10 dpm
3	O4/E-6	3	9	7	N D	***	< 10 dpm
4	O4/D-7	3	12	7	N D	***	< 10 dpm
5	O4/E-8	3	11	7	N D	***	< 10 dpm
6	O1/E-4	3	12	7	N D	***	< 10 dpm
7	O1/G-4	3	10	7	N D	***	< 10 dpm
8	O1/D-5	3	10	7	N D	***	< 10 dpm
9	O1/F-5	3	10	7	N D	***	< 10 dpm
10	O1/H-5	3	11	7	N D	***	< 10 dpm
11	O1/E-6	3	13	7	N D	***	< 10 dpm
12	O1/G-6	3	8	7	N D	***	< 10 dpm
13	01/D-7	3	15	7	N D	***	< 10 dpm
14	O1/F-7	3	12	7	N D	***	< 10 dpm
15	O1/H-7	3	10	7	N D	***	< 10 dpm
16	O1/E-8	3	12	7	N D	***	< 10 dpm
17	O1/G-8	3	8	7	N D	***	< 10 dpm
18	O1/D-9	3	9	7	N D	***	< 10 dpm
19	O1/F-9	3	10	7	N D	***	< 10 dpm

Date:	20-Sep-00
Lab ID:	03-00116-195

NWT ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94550 **Phone: (925) 443-7967**
Fax: (925) 443-0119

Client: Walter Reed AIR
Bldg. 40

Contact: Dan Spicuzza **Title:** Project Manager
Analysis: LSC
Comment: GA00367

Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
20	O1/H-9	3	13	7	N D	***	< 10 dpm
21	O1/E-10	3	12	7	N D	***	< 10 dpm
22	O1/G-10	3	11	7	N D	***	< 10 dpm
23	O1/G-9	3	9	7	N D	***	< 10 dpm
24	O1/H-11	3	9	7	N D	***	< 10 dpm
25	O1/E-11	3	9	7	N D	***	< 10 dpm
26	O3/D-8	3	9	7	N D	***	< 10 dpm
27	O3/D-6	3	9	7	N D	***	< 10 dpm
28	O3/D-4	3	15	7	N D	***	< 10 dpm
29	O3/E-7	3	7	7	N D	***	< 10 dpm
30	O3/E-5	3	8	7	N D	***	< 10 dpm
31	O3/F-8	3	8	7	N D	***	< 10 dpm
32	O3/F-6	3	8	7	N D	***	< 10 dpm
33	O3/F-4	3	13	7	N D	***	< 10 dpm
34	O3/G-7	3	12	7	N D	***	< 10 dpm
35	O3/G-5	3	11	7	N D	***	< 10 dpm
36	O3/H-8	3	7	7	N D	***	< 10 dpm
37	O3/H-6	3	8	7	N D	***	< 10 dpm
38	O3/H-4	3	12	7	N D	***	< 10 dpm
39	R1/A-3	3	7	7	N D	***	< 10 dpm
40	R1/B-3	3	10	7	N D	***	< 10 dpm
41	R1/C-3	3	9	7	N D	***	< 10 dpm
42	R1/D-3	3	6	7	N D	***	< 10 dpm
43	R1/E-3	3	10	7	N D	***	< 10 dpm
44	R1/F-3	3	10	7	N D	***	< 10 dpm
45	R1/G-3	3	9	7	N D	***	< 10 dpm

Date:	20-Sep-00
Lab ID:	03-00116-195

NWT ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94550 **Phone: (925) 443-7967**
Fax: (925) 443-0119

Client: Walter Reed AIR
Bldg. 40

Contact: Dan Spicuzza **Title:** Project Manager
Analysis: LSC
Comment: GA00367

Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
46	R1/A-4	3	9	7	N D	***	< 10 dpm
47	R1/B-4	3	10	7	N D	***	< 10 dpm
48	R1/C-4	3	11	7	N D	***	< 10 dpm
49	R1/D-4	3	11	7	N D	***	< 10 dpm
50	R1/E-4	3	10	7	N D	***	< 10 dpm
51	R1/F-4	3	4	7	N D	***	< 10 dpm
52	R1/G-4	3	14	7	N D	***	< 10 dpm
53	R1/A-5	3	20	7	13.3	5.9	**
54	R1/B-5	3	16	7	N D	***	< 10 dpm
55	R1/C-5	3	10	7	N D	***	< 10 dpm
56	R1/D-5	3	10	7	N D	***	< 10 dpm
57	R1/E-5	3	9	7	N D	***	< 10 dpm
58	R1/F-5	3	8	7	N D	***	< 10 dpm
59	R1/G-5	3	11	7	N D	***	< 10 dpm
60	R1/D-3 Ceiling	3	6	7	N D	***	< 10 dpm
61	R1/D-4 Ceiling	3	11	7	N D	***	< 10 dpm
62	R1/D-5 Ceiling	3	9	7	N D	***	< 10 dpm
63	R2/D-0	3	12	7	N D	***	< 10 dpm
64	R2/D-1	3	9	7	N D	***	< 10 dpm
65	R2/D-2	3	8	7	N D	***	< 10 dpm
66	R2/A-3	3	8	7	N D	***	< 10 dpm
67	R2/B-3	3	9	7	N D	***	< 10 dpm
68	R2/C-3	3	6	7	N D	***	< 10 dpm
69	R2/D-3	3	13	7	N D	***	< 10 dpm
70	R2/E-3	3	9	7	N D	***	< 10 dpm
71	R2/F-3	3	9	7	N D	***	< 10 dpm

Date:	20-Sep-00
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Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
72	R2/G-3	3	8	7	N D	***	< 10 dpm
73	R2/A-4	3	8	7	N D	***	< 10 dpm
74	R2/B-4	3	10	7	N D	***	< 10 dpm
75	R2/C-4	3	10	7	N D	***	< 10 dpm
76	R2/D-4	3	8	7	N D	***	< 10 dpm
77	R2/E-4	3	11	7	N D	***	< 10 dpm
78	R2/F-4	3	11	7	N D	***	< 10 dpm
79	R2/G-4	3	9	7	N D	***	< 10 dpm
80	R2/A-5	3	7	7	N D	***	< 10 dpm
81	R2/B-5	3	9	7	N D	***	< 10 dpm
82	R2/C-5	3	10	7	N D	***	< 10 dpm
83	R2/D-5	3	10	7	N D	***	< 10 dpm
84	R2/E-5	3	9	7	N D	***	< 10 dpm
85	R2/F-5	3	13	7	N D	***	< 10 dpm
86	R2/G-5	3	9	7	N D	***	< 10 dpm
87	R2/A-6	3	9	7	N D	***	< 10 dpm
88	R2/B-6	3	10	7	N D	***	< 10 dpm
89	R2-C-6	3	8	7	N D	***	< 10 dpm
90	R2/D-6	3	13	7	N D	***	< 10 dpm
91	R2/E-6 Floor	3	11	7	N D	***	< 10 dpm
92	R2/E-6 Wall	3	10	7	N D	***	< 10 dpm
93	R2/F-6	3	9	7	N D	***	< 10 dpm
94	R2/G-6	3	9	7	N D	***	< 10 dpm
95	R2/A-7	3	12	7	N D	***	< 10 dpm
96	R2/B-7	3	11	7	N D	***	< 10 dpm
97	R2/C-7	3	9	7	N D	***	< 10 dpm

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Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
98	R2/D-7	3	11	7	N D	***	< 10 dpm
99	R2/E-7	3	14	7	N D	***	< 10 dpm
100	R2/F-7 Shield Door	3	10	7	N D	***	< 10 dpm
101	R2/G-7 Shield Door	3	10	7	N D	***	< 10 dpm
102	R2/H-7 Shield Door	3	10	7	N D	***	< 10 dpm
103	R2/F-6 Shield Door	3	10	7	N D	***	< 10 dpm
104	R2/G-6 Shield Door	3	10	7	N D	***	< 10 dpm
105	R2/H-6 Shield Door	3	12	7	N D	***	< 10 dpm
106	R2/D-8	3	12	7	N D	***	< 10 dpm
107	R2/E-8	3	8	7	N D	***	< 10 dpm
108	R2/D-9	3	12	7	N D	***	< 10 dpm
109	R2/E-9	3	9	7	N D	***	< 10 dpm
110	R2/D-10	3	9	7	N D	***	< 10 dpm
111	R2/E-10	3	11	7	N D	***	< 10 dpm
112	R2/D-3 Ceiling	3	8	7	N D	***	< 10 dpm
113	R2/D-4 Ceiling	3	7	7	N D	***	< 10 dpm
114	R2/D-5 Ceiling	3	10	7	N D	***	< 10 dpm
115	R2/D-6 Ceiling	3	9	7	N D	***	< 10 dpm
116	R2/E-6 Ceiling	3	8	7	N D	***	< 10 dpm
117	R2/D-7 Ceiling	3	8	7	N D	***	< 10 dpm
118	R2/E-7 Ceiling	3	14	7	N D	***	< 10 dpm
119	R3/G-0	3	10	7	N D	***	< 10 dpm
120	R3/I-0	3	8	7	N D	***	< 10 dpm
121	R3/F-3	3	10	7	N D	***	< 10 dpm
122	R3/H-3	3	11	7	N D	***	< 10 dpm
123	R3/A-5	3	10	7	N D	***	< 10 dpm

Date:	20-Sep-00
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Client: Walter Reed AIR
Bldg. 40

Contact: Dan Spicuzza **Title:** Project Manager
Analysis: LSC
Comment: GA00367

Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
124	R3/C-5	3	11	7	N D	***	< 10 dpm
125	R3/F-5	3	14	7	N D	***	< 10 dpm
126	R3/H-5	3	8	7	N D	***	< 10 dpm
127	R3/K-5	3	9	7	N D	***	< 10 dpm
128	R3/M-5	3	10	7	N D	***	< 10 dpm
129	R3/A-7	3	7	7	N D	***	< 10 dpm
130	R3/C-7	3	13	7	N D	***	< 10 dpm
131	R3/E-7	3	8	7	N D	***	< 10 dpm
132	R3/H-7 Wall	3	12	7	N D	***	< 10 dpm
133	R3/I-6	3	12	7	N D	***	< 10 dpm
134	R3/B-8	3	6	7	N D	***	< 10 dpm
135	R3/E-8	3	10	7	N D	***	< 10 dpm
136	R3/F-8 Wall	3	12	7	N D	***	< 10 dpm
137	R3/H-8 Wall	3	7	7	N D	***	< 10 dpm
138	R3/G-9 Wall	3	6	7	N D	***	< 10 dpm
139	R3/I-9 Wall	3	11	7	N D	***	< 10 dpm
140	R3/G-10 Wall	3	11	7	N D	***	< 10 dpm
141	R3/I-10 Wall	3	10	7	N D	***	< 10 dpm
142	R3/F-11 Wall	3	6	7	N D	***	< 10 dpm
143	R3/H-6 Ceiling	3	7	7	N D	***	< 10 dpm
144	R3/F-5 Ceiling	3	11	7	N D	***	< 10 dpm
145	R3/G-7 Ceiling	3	10	7	N D	***	< 10 dpm
146	GR/G-14	3	10	7	N D	***	< 10 dpm
147	GR/I-14	3	7	7	N D	***	< 10 dpm
148	GR/H-13	3	8	7	N D	***	< 10 dpm
149	GR/J-13	3	8	7	N D	***	< 10 dpm

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Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
150	GR/G-12	3	12	7	N D	***	< 10 dpm
151	GR/I-12	3	11	7	N D	***	< 10 dpm
152	GR/H-11	3	8	7	N D	***	< 10 dpm
153	GR/J-11	3	10	7	N D	***	< 10 dpm
154	GR/G-10	3	12	7	N D	***	< 10 dpm
155	GR/I-10	3	10	7	N D	***	< 10 dpm
156	GR/H-9	3	9	7	N D	***	< 10 dpm
157	GR/J-9	3	11	7	N D	***	< 10 dpm
158	GR/A-8	3	12	7	N D	***	< 10 dpm
159	GR/C-8	3	10	7	N D	***	< 10 dpm
160	GR/E-8	3	9	7	N D	***	< 10 dpm
161	GR/G-8	3	12	7	N D	***	< 10 dpm
162	GR/I-8	3	10	7	N D	***	< 10 dpm
163	GR/K-8	3	9	7	N D	***	< 10 dpm
164	GR/M-8	3	12	7	N D	***	< 10 dpm
165	GR/O-8	3	6	7	N D	***	< 10 dpm
166	GR/B-7	3	5	7	N D	***	< 10 dpm
167	GR/D-7	3	12	7	N D	***	< 10 dpm
168	GR/F-7	3	10	7	N D	***	< 10 dpm
169	GR/H-7	3	12	7	N D	***	< 10 dpm
170	GR/J-7	3	10	7	N D	***	< 10 dpm
171	GR/L-7	3	10	7	N D	***	< 10 dpm
172	GR/N-7	3	9	7	N D	***	< 10 dpm
173	GR/P-7	3	8	7	N D	***	< 10 dpm
174	GR/I-6	3	9	7	N D	***	< 10 dpm
175	GR/K-6	3	9	7	N D	***	< 10 dpm

Date:	20-Sep-00
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Comment: GA00367

Sample #	Sample ID Survey Unit-Room #/Grid ID #	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
176	GR/M-6	3	9	7	N D	***	< 10 dpm
177	GR/O-6	3	11	7	N D	***	< 10 dpm
178	GR/G-5	3	9	7	N D	***	< 10 dpm
179	GR/I-5	3	8	7	N D	***	< 10 dpm
180	GR/H-4	3	12	7	N D	***	< 10 dpm
181	GR/J-4	3	10	7	N D	***	< 10 dpm
182	GR/G-3	3	8	7	N D	***	< 10 dpm
183	GR/I-3	3	9	7	N D	***	< 10 dpm
184	GR/H-2	3	8	7	N D	***	< 10 dpm
185	GR/J-2	3	8	7	N D	***	< 10 dpm
186	GR/G-1	3	12	7	N D	***	< 10 dpm
187	GR/I-1	3	11	7	N D	***	< 10 dpm
188	GR/H-0	3	8	7	N D	***	< 10 dpm
189	GR/J-0	3	8	7	N D	***	< 10 dpm
190	GR/H-8 Ceiling	3	12	7	N D	***	< 10 dpm
191	GR/J-8 Ceiling	3	9	7	N D	***	< 10 dpm
192	GR/G-7 Ceiling	3	8	7	N D	***	< 10 dpm
193	GR/I-7 Ceiling	3	9	7	N D	***	< 10 dpm
194	GR/H-6 Ceiling	3	13	7	N D	***	< 10 dpm
195	GR/J-6 Ceiling	3	8	7	N D	***	< 10 dpm

***ND - No activity detected above natural background**
****(+/-) values are at 95% confidence level**
***** Activity is Less than the limit of detection**

Reviewed By: Dan Spicuzza
Title: Project Manager
Date: 09/21/2000