

**DIAGRAMS AND DATA SHEETS
FOR RADIOLOGICAL SURVEYS OF BUILDINGS**

JULY 20, 2000

VOLUME 4 OF 7

**WESTINGHOUSE ELECTRIC CORPORATION
BLAIRSVILLE, PA**

REPORT #003

**DIAGRAMS AND DATA SHEETS
FOR RADIOLOGICAL SURVEYS OF BUILDINGS**

TABLE OF CONTENTS

	<u>Page Number</u>
Purpose	1
Scope	1
Discussion	1
Appendix A: Site Diagrams	
Appendix B: Survey Unit 1 Diagrams	
Appendix C: Survey Unit 2 Diagrams	
Appendix D: Survey Unit 3 Diagrams	
Appendix E: Survey Unit 4 Diagrams	
Appendix F: Original Radiological Survey Data Sheets Building 1	
Appendix G: Original Radiological Survey Data Sheets Building 2	
Appendix H: Original Radiological Survey Data Sheets Building 3	
Appendix I: Original Radiological Survey Data Sheets Building 4	

DIAGRAMS AND DATA SHEETS

FOR RADIOLOGICAL SURVEYS OF BUILDINGS

Purpose

The Westinghouse Blairsville Site utilized nuclear materials during the period of the mid to late 1950's to the early part of the 1960's. Work was performed both under licenses with the atomic Energy Commission and for the Bettis Atomic Power Laboratory. Although all work ceased during the 1960's, subsequent radiological surveys and investigations, starting in 1993, established that some residual radioactivity, primarily in underground piping and subsurface soil contamination, existed on the site. During the period of 1993 through the present, additional remediation work and radiological surveys have been conducted to establish that the site can be released for unrestricted use. This series of reports documents the results of the final status radiological surveys subsequent to the various remediation efforts.

Scope

This report compiles all of the building diagrams, both site maps and individual survey section maps. Also included are all of the original radiological survey data sheets used in the final unconditional building release analysis.

Discussion

Blairsville site diagrams included in Appendix A, give an overall view of the structures and some of the internals relevant to the overall report. The building internals in this appendix give an equipment layout of the office areas in Building 1. Also included is an example survey sample grid, applied to Building 1, following the procedure found in Report #006. Finally, a site-sectioning diagram showing the survey sections and units is provided.

Appendices B, C, D, and E include all sub-unit diagrams for survey units 1, 2, 3, and 4 respectively. These diagrams are sorted in consecutive order within each appendix. Appendices F, G, H, and I contain the original radiological survey data sheets for buildings 1, 2, 3, and 4 respectively. These appendices are arranged in consecutive order per the survey serial numbers and each contains the "Blairsville Point Survey Form #003". Many surveys also contain a "LB5100-W Low Background Counting System – Smear Analysis" printout, and/or a respective location diagram.

DIAGRAMS AND DATA SHEETS
FOR RADIOLOGICAL SURVEYS OF BUILDINGS

List of Volume Contents

Vol. Appendix Contents

1. Appendix A: Site Diagrams
 Appendix B: Survey Unit 1 Diagrams
 Appendix C: Survey Unit 2 Diagrams
 Appendix D: Survey Unit 3 Diagrams
 Appendix E: Survey Unit 4 Diagrams
2. Appendix F: Data Sheets for Building 1, Survey Serial #: 001-100
3. Appendix F: Data Sheets for Building 1, Survey Serial #: 101-200
4. Appendix F: Data Sheets for Building 1, Survey Serial #: 201-300
5. Appendix F: Data Sheets for Building 1, Survey Serial #: 301-400
6. Appendix F: Data Sheets for Building 1, Survey Serial #: 401-486
7. Appendix G: Data Sheets for Building 2, Survey Serial #: 001-057
 Appendix H: Data Sheets for Building 3, Survey Serial #: 001-028
 Appendix I: Data Sheets for Building 4, Survey Serial #: 001-018

APPENDIX B

SURVEY UNIT 1 DIAGRAMS

Blairsville Point Survey Form #003

Survey Serial #: 01-201

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 3

Classification: 4

Survey Type: LOWER WALL

Survey Date: 2/8/95

Count Date: 3/27/95


Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	4

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	255

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Surveyor: V. TAYLOR
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	4	0.6	N/A	N/A	N/A	N/A	1	6	213	11	285	220	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	6	2	N/A	N/A	N/A	N/A	1	6	253	11	266	240	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	1	6	256	11	316	220	-0.74	2	-1.01	3	EAST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 3/27/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-201.XLD
 Batch Ended: 3/27/95 14:09
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-3

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
22	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/27/95 14:05
23	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	3/27/95 14:07
24	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	3/27/95 14:09

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

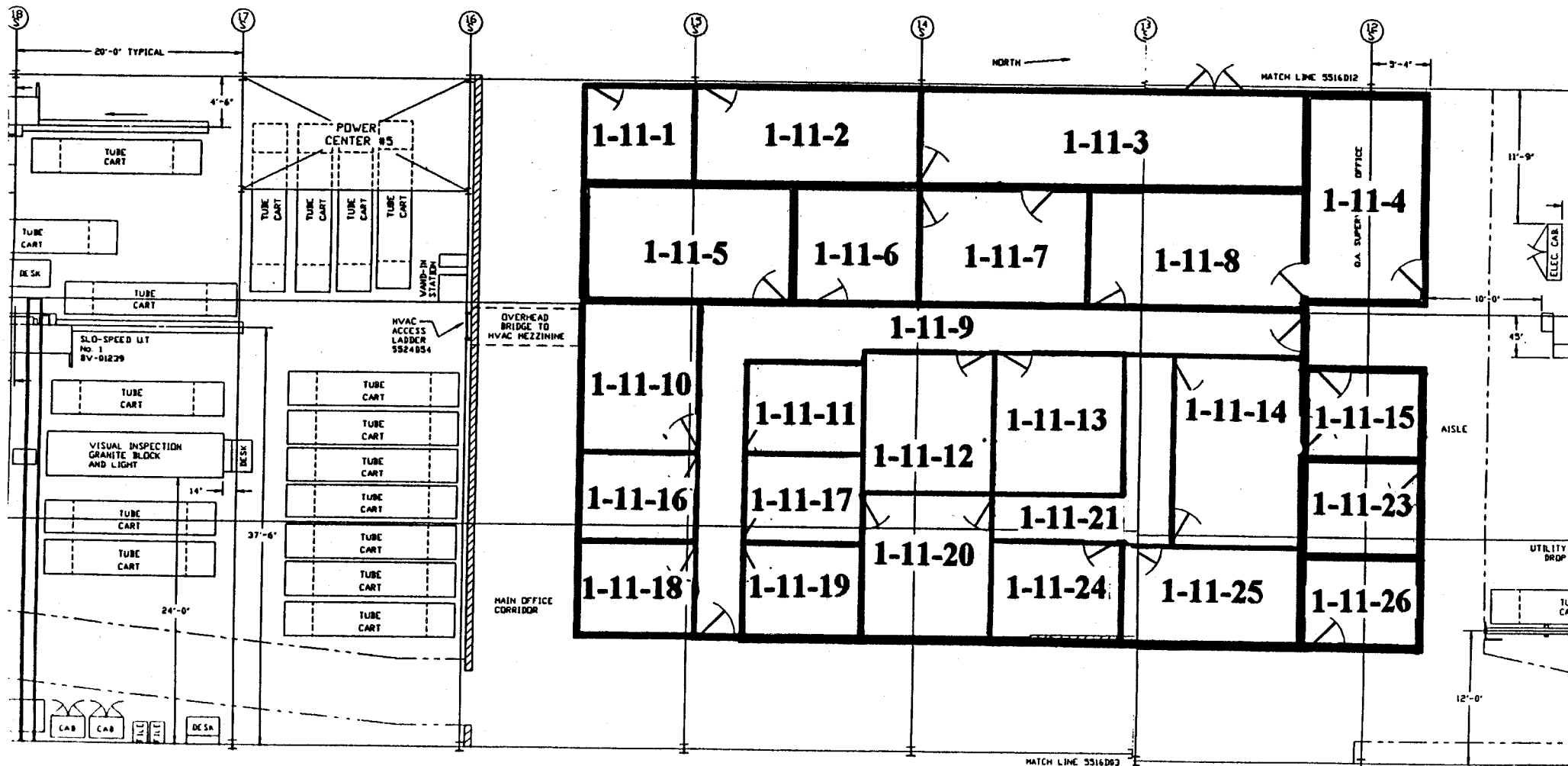
UNIT: 1-11-3

SN: 01-201

DATE: 2-8-95

BY: QTT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #:	01-202
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	11
--------------	----

Survey Sub-unit:	4
------------------	---

Classification:	4
-----------------	---

Survey Type:	lower
--------------	-------

Survey Date:	2/8/95
--------------	--------

Count Date:	3/27/95
-------------	---------


Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	4

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	255

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	6	256	11	294	250	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	3	6	243	11	293	230	-0.74	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	1.7	1.5	N/A	N/A	N/A	N/A	3	6	237	11	317	230		2		3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 3/27/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-202.XLD
 Batch Ended: 3/27/95 14:16
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-11-4

Carrier	Alpha Activity				Beta Activity			
	DPM	σ	flags	MDA	DPM	σ	flags	MDA
25	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
27	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28

Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count	Alpha	Beta	Completion
time (min)	CPM	CPM	Date - Time
2.00	0.254	-0.38	3/27/95 14:11
2.00	-0.246	-1.38	3/27/95 14:16

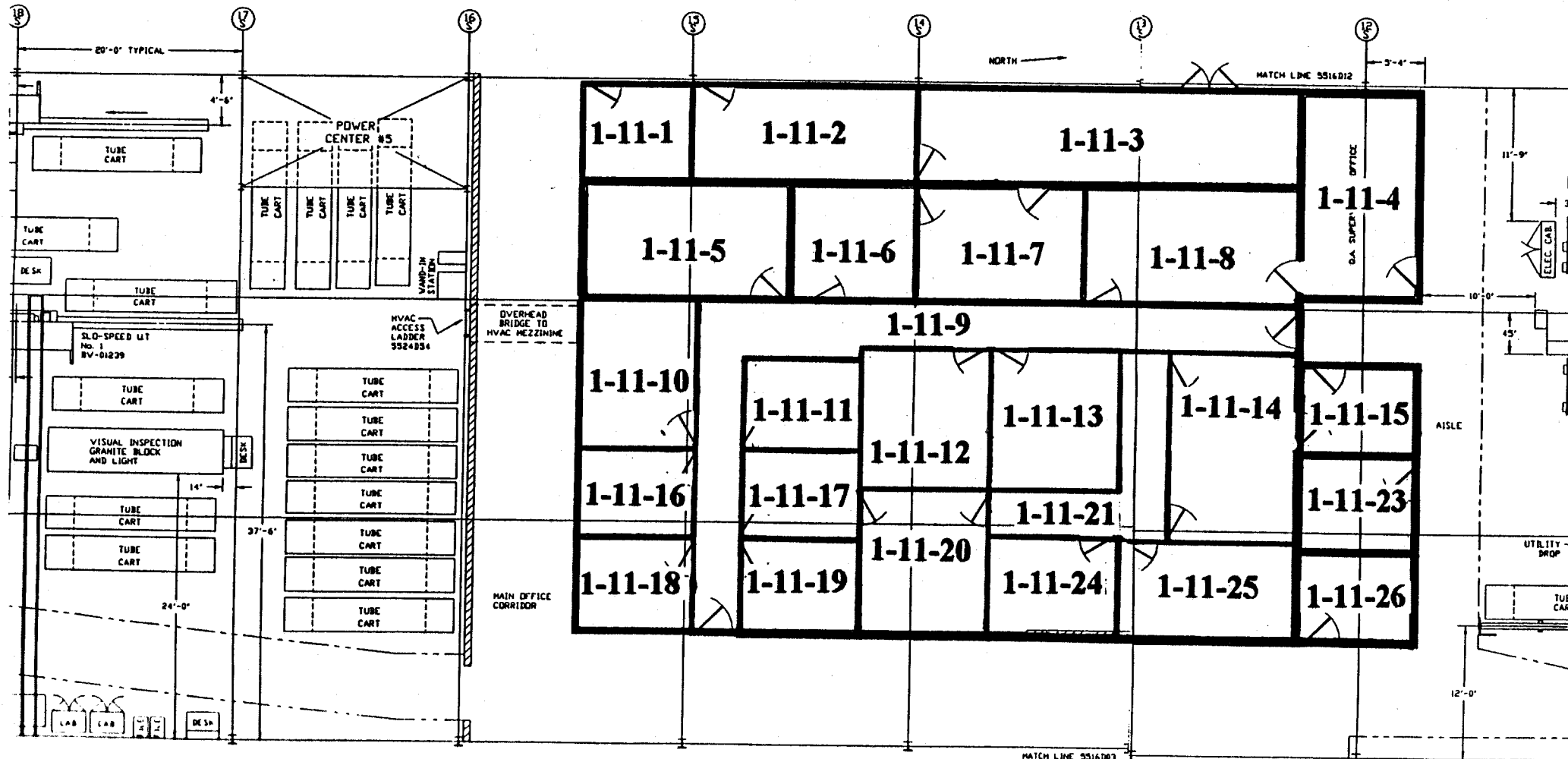
UNIT: 1-11-4

SN: 01-202

DATE: 2-8-95

BY: QUT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #: 01-203

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 7

Classification: 4

Survey Type: lower

Survey Date: 2/8/95

Count Date: 3/27/95


Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	4

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	255

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	3	6	226	11	311	220	-0.74	2	-5.06	3	WEST WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	6	226	11	332	230	2.26	2	-3.71	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 3/27/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-203.XLD
 Batch Ended: 3/27/95 14:20
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-7

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
28	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	3/27/95 14:18
29	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	3/27/95 14:20

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

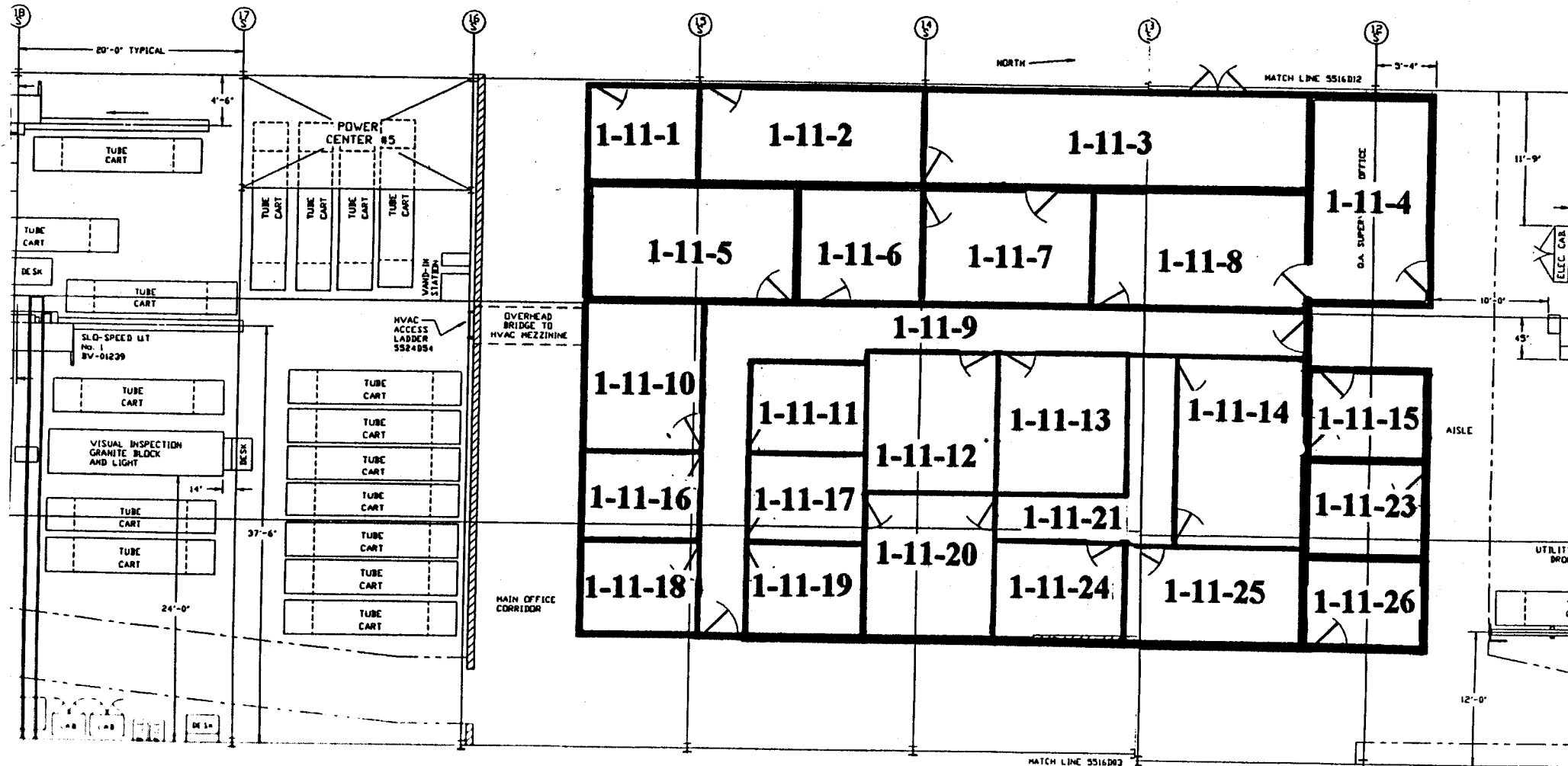
UNIT: 1-11-7

SN: 01-203

DATE: 2-8-95

BY: QUT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #:	01-204
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	11
--------------	----

Survey Sub-unit:	8
------------------	---

Classification:	4
-----------------	---

Survey Type:	lower
--------------	-------

Survey Date:	2/8/95
--------------	--------

Count Date:	3/27/95
-------------	---------


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	4

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	255

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	1	1.5	N/A	N/A	N/A	N/A	2	6	224	11	332	200	-0.74	2	0.34	3	NORTH WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 3/27/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-204.XLD
 Batch Ended: 3/27/95 14:22
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-8

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
30	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	3/27/95 14:22

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

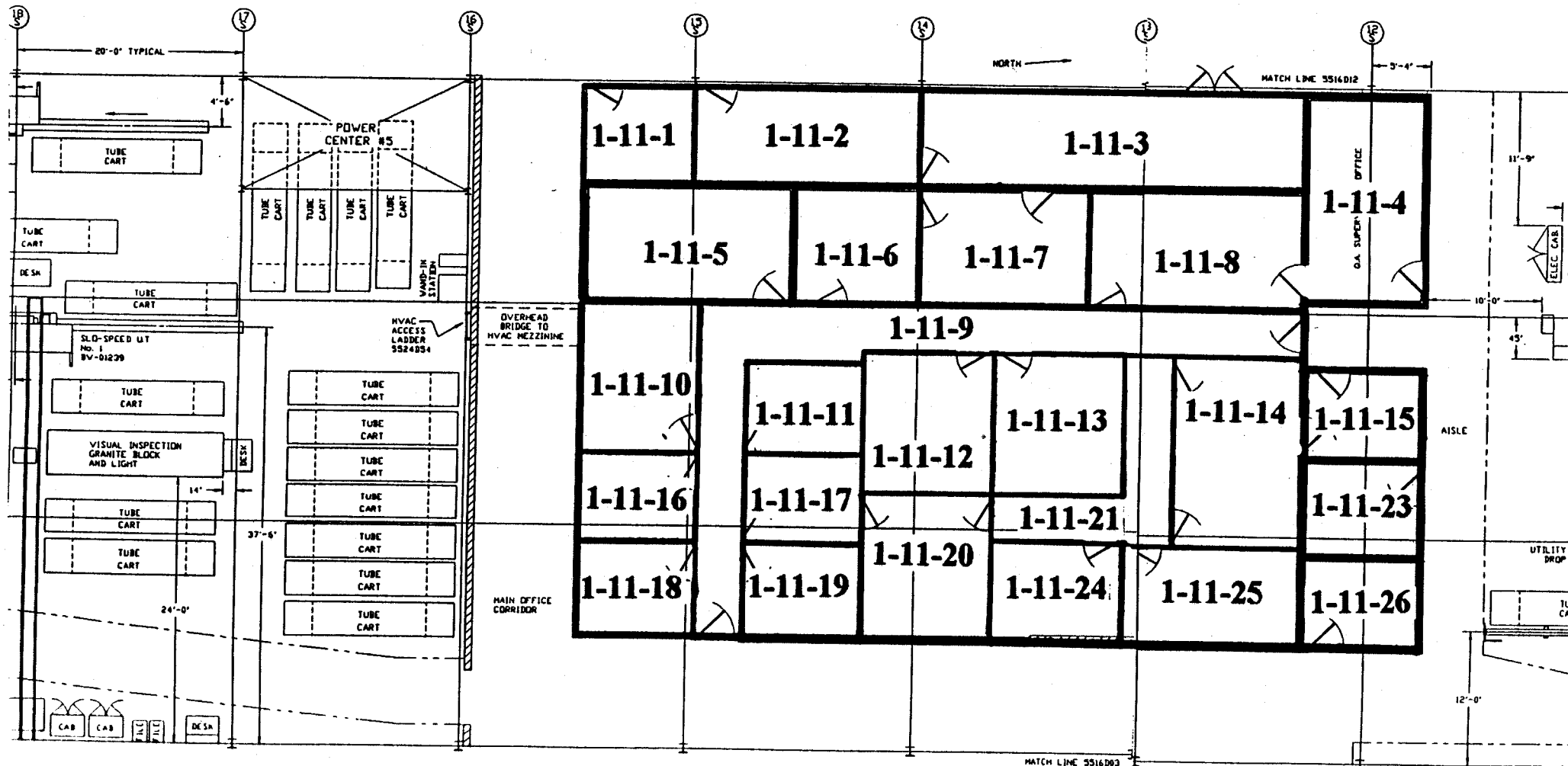
Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

UNIT: 1-11-8
 SN: 01-204
 DATE: 2.8.95
 BY: QJT

BAY 2 MAIN BUILDING
 MID BAY PRODUCTION OFFICE
 (UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #:	01-205
Survey Section:	1
Survey Unit:	11
Survey Sub-unit:	18

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	4


Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	255

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Classification:	4
Survey Type:	LOWER

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	

PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	2	6	216	11	286	200	0.76	2	3.04	3	SOUTH WALL
---------------	---	---	-----	-----	-----	-----	---	---	-----	----	-----	-----	------	---	------	---	------------

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-205.XLD
 Batch Ended: 4/4/95 8:00
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

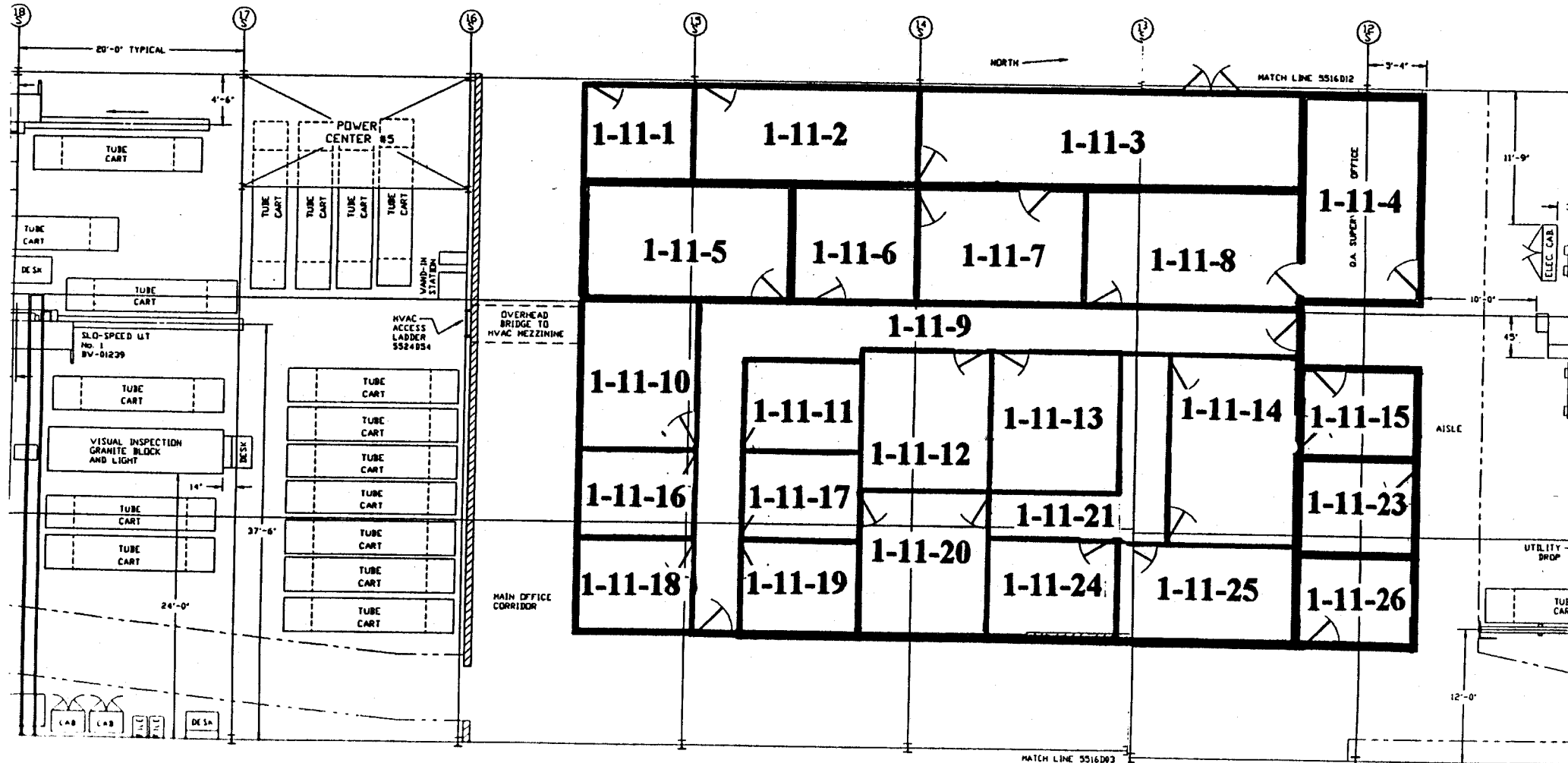
Batch ID: Blairsville 1-11-18

Carrier	Alpha Activity				Beta Activity			
	DPM	σ	flags	MDA	DPM	σ	flags	MDA
2	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28

Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
2.00	0.254	1.13	4/4/95 8:00

UNIT: 1-11-18
SN: 01-205
DATE: 2-8-95
BY: QUT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #: 01-206

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 19

Classification: 4

Survey Type: LOWER

Survey Date: 2/8/95

Count Date: 4/4/95

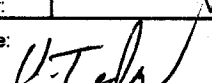
Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	174

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CLOTH PANEL	1	2	N/A	N/A	N/A	N/A	0	6	188	11	275	190	0.76	2	0.34	3	

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\01-206.XLD
 Batch Ended: 4/4/95 8:05
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-19

Carrier	Alpha Activity				Beta Activity			
	DPM	σ	flags	MDA	DPM	σ	flags	MDA
3	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
4	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28

Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
2.00	0.254	0.13	4/4/95 8:02
2.00	-0.246	-0.38	4/4/95 8:05

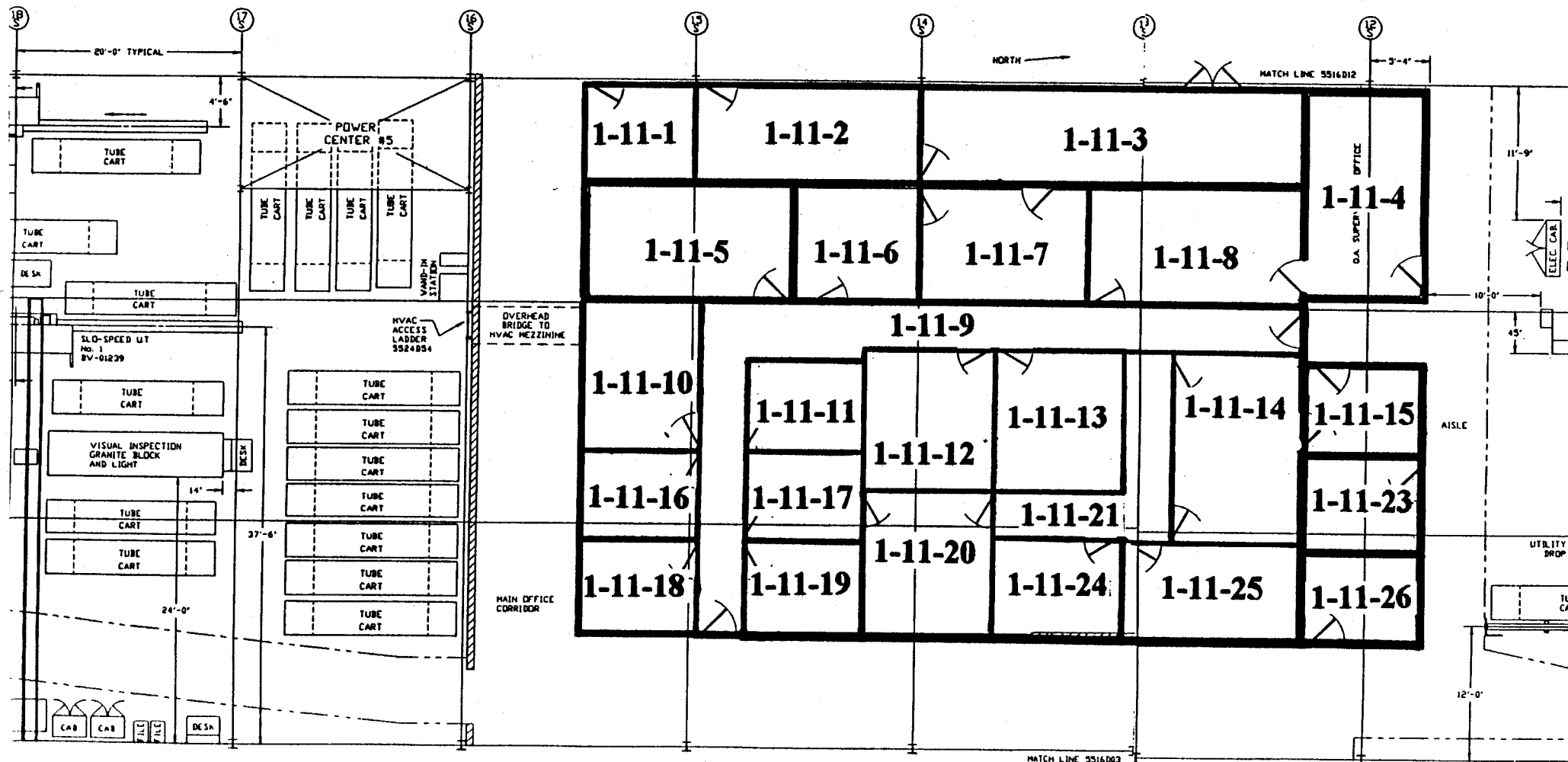
UNIT: 1-11-19

SN: 01-206

DATE: 2-8-95

BY: QJT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #: 01-207

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 24

Classification: 4

Survey Type: LOWER

Survey Date: 2/8/95

Count Date: 4/4/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	178

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR
Signature: *V. Taylor*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CLOTH PANEL	2	1	N/A	N/A	N/A	N/A	3	6	190	11	236	170	-0.74	2	-1.01	3	EAST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-207.XLD
 Batch Ended: 4/4/95 7:58
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-24

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 7:58

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

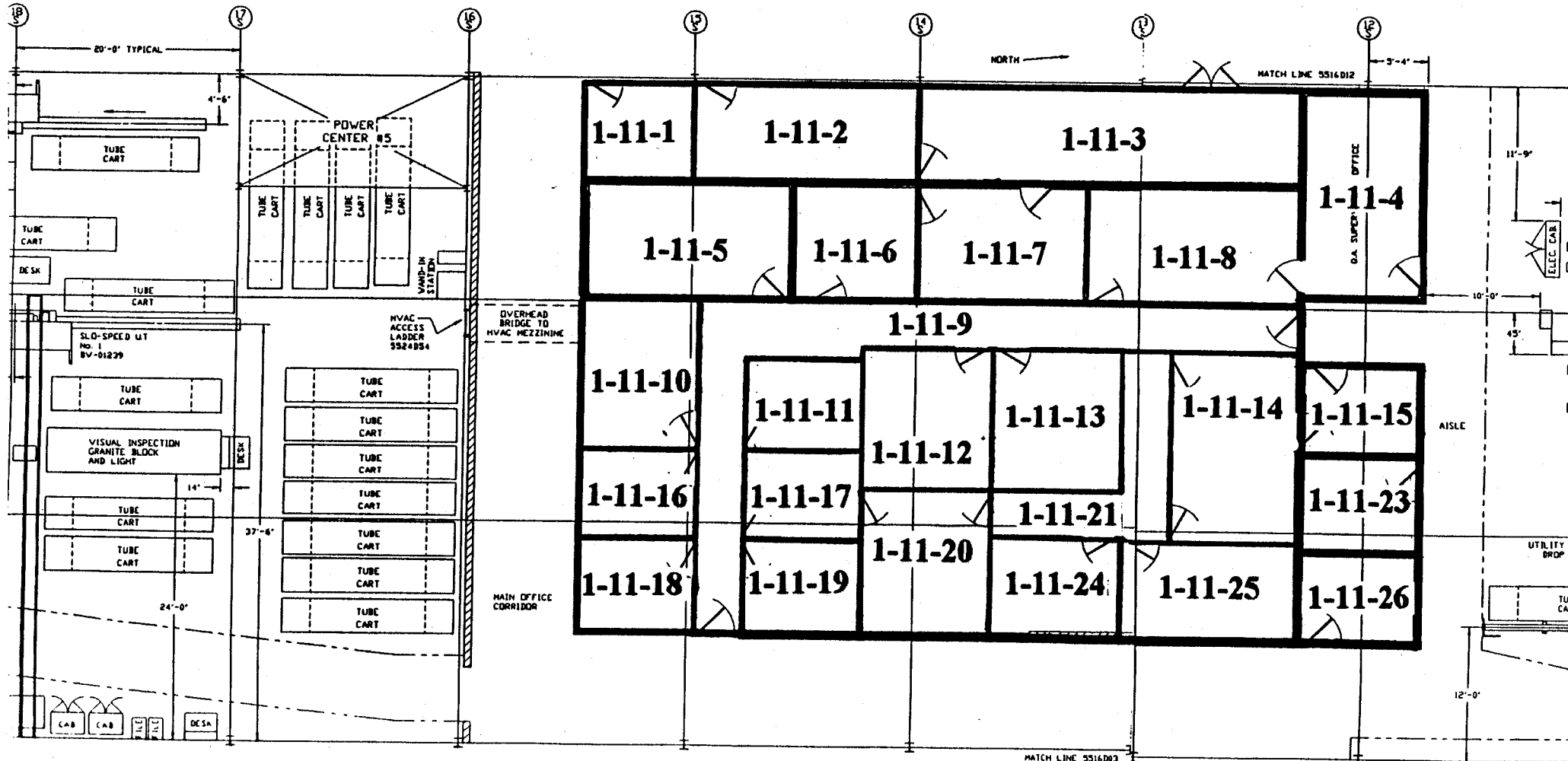
UNIT: 1-11-24

SN: 01-207

DATE: 2-8-95

BY: QUT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #:	01-208
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	11
--------------	----

Survey Sub-unit:	25
------------------	----

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/8/95
--------------	--------

Count Date:	4/4/95
-------------	--------

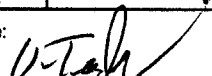
Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	178

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
CLOTH PANEL	1.5	1.5	N/A	N/A	N/A	N/A	2	6	182	11	249	160	-0.74	2	-5.06	3	NORTH WALL
CLOTH PANEL	2	1.2	N/A	N/A	N/A	N/A	2	6	185	11	198	160	-0.74	2	-1.01	3	EAST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-208.XLD
 Batch Ended: 4/4/95 8:09
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-25

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
5	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	4/4/95 8:07
6	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 8:09

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

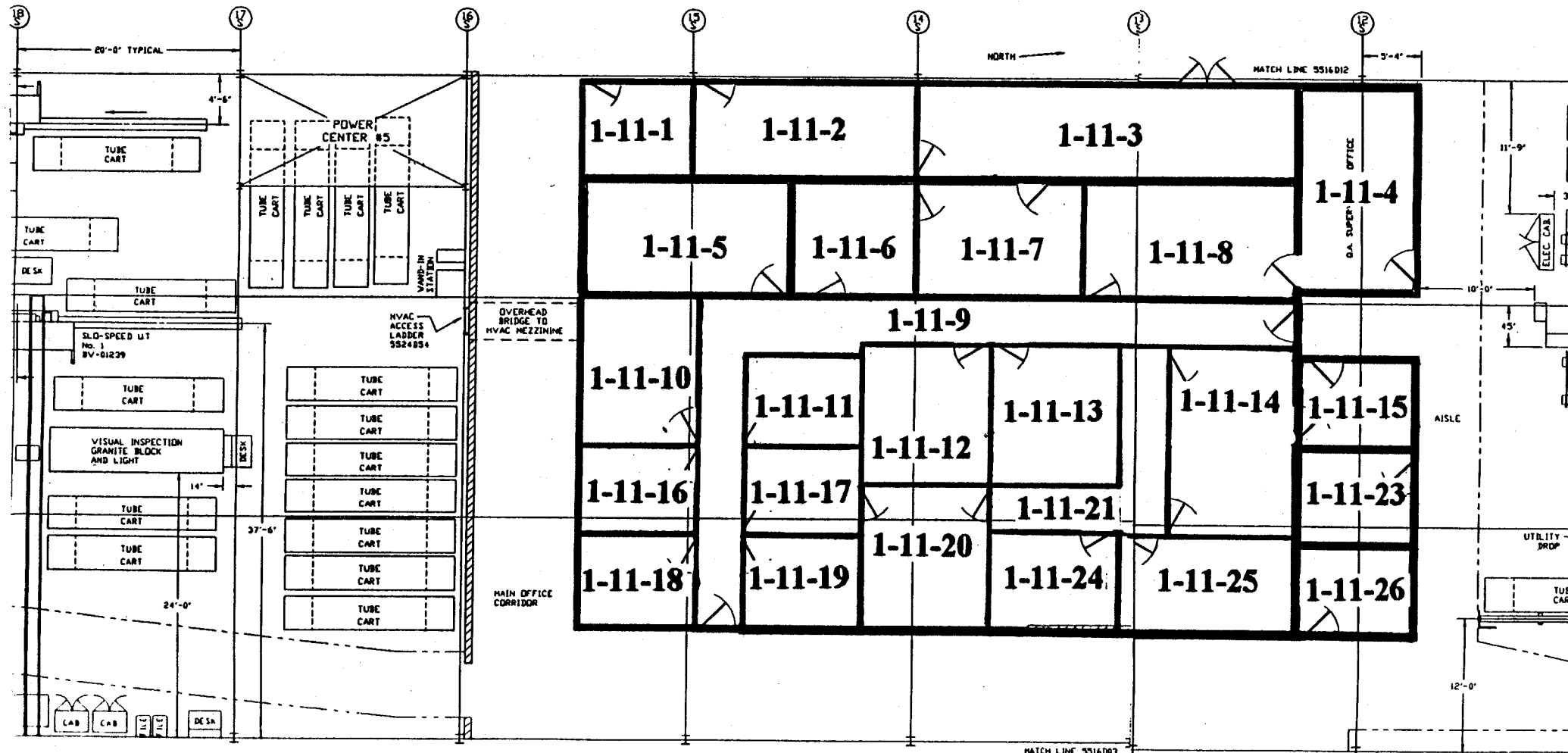
UNIT: 1-11-25

SN: 01-208

DATE: 2-8-95

BY: QOT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #: 01-209

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 26

Classification: 4

Survey Type: LOWER

Survey Date: 2/8/95

Count Date: 4/4/95


Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	241

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1.5	0.5	N/A	N/A	N/A	N/A	0	6	240	11	272	210	0.76	2	0.34	3	EAST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-209.XLD
 Batch Ended: 4/4/95 8:11
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-11-26

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
7	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/4/95 8:11

Alpha efficiency log file: th230ab Alpha Efficiency: 33.37% Alpha to Beta Crosstalk: 24.79% Alpha Background (CPM): 0.246428571 Alpha Correction Factor: 1.000
Beta efficiency log file: tc99ab Beta Efficiency: 37.06% Beta into Alpha Crosstalk: 0.03% Beta Background (CPM): 1.875 Beta Correction Factor: 1.000

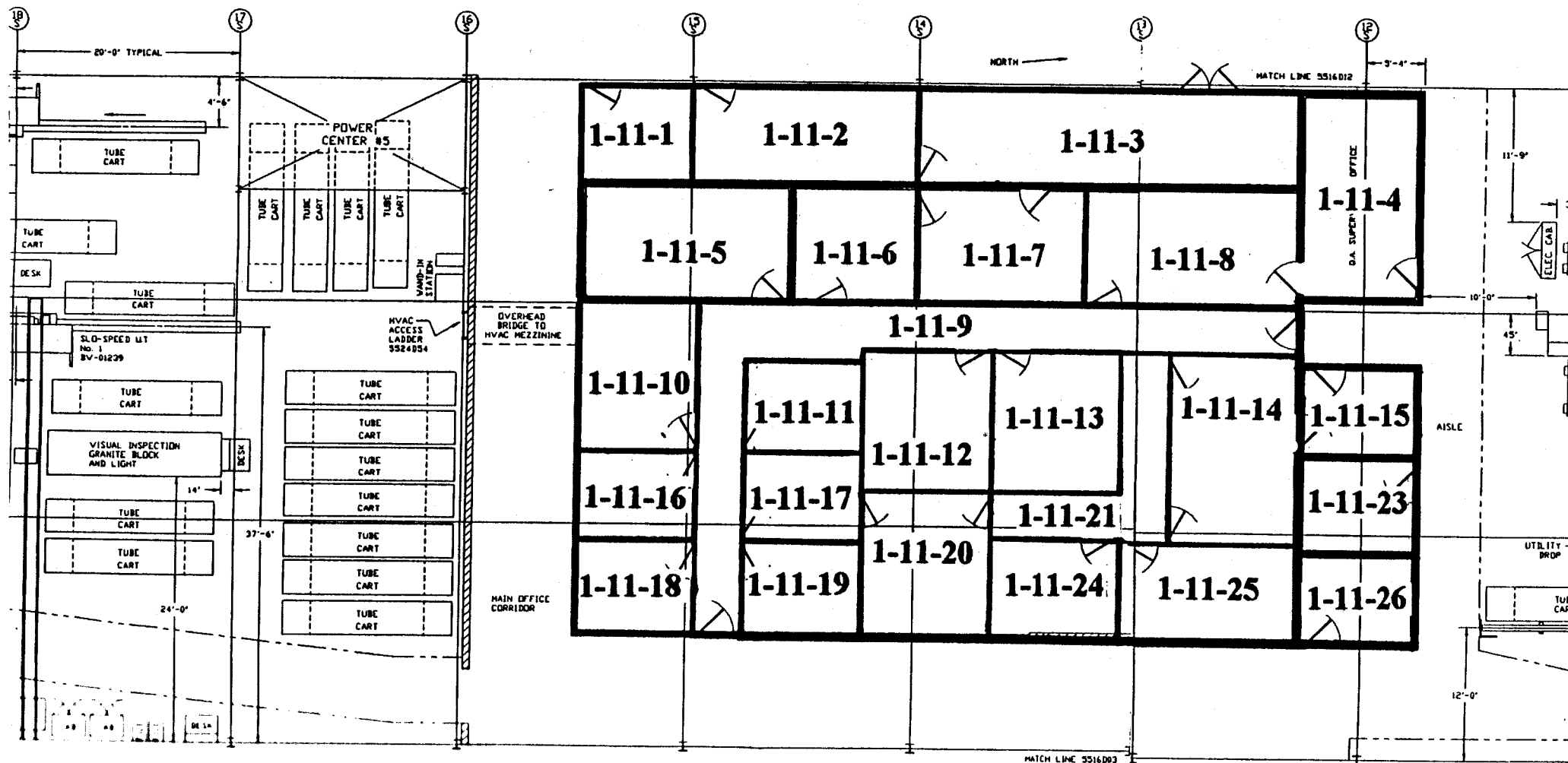
UNIT: 1-11-26

SN: 01-209

DATE: 2-8-95

BY: QUT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #: 01-210

Survey Section: 1

Survey Unit: 33

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/8/95

Count Date: 4/4/95


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	247

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR
Signature: 

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	2	6	262	11	305	260	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	2	6	247	11	339	250	0.76	2	-3.71	3	WEST WALL
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	2	6	239	11	367	250	0.76	2	-1.01	3	WEST WALL
PAINTED BLOCK	7	2	N/A	N/A	N/A	N/A	6	6	259	11	361	270	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	4	6	275	11	332	290	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	11	1	N/A	N/A	N/A	N/A	4	6	271	11	416	275	0.76	2	1.69	3	WEST WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	6	232	11	370	250	-0.74	2	3.04	3	NORTH WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	1	6	264	11	317	250	-0.74	2	-1.01	3	NORTH WALL
PAINTED BLOCK	6	1.5	N/A	N/A	N/A	N/A	2	6	261	11	343	270	-0.74	2	4.39	3	NORTH WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	1	6	252	11	320	275	-0.74	2	-1.01	3	NORTH WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	1	6	277	11	338	300	2.26	2	-1.01	3	NORTH WALL
PAINTED BLOCK	12	1.5	N/A	N/A	N/A	N/A	3	6	244	11	405	250	0.76	2	-1.01	3	NORTH WALL
PAINTED BLOCK	16	2	N/A	N/A	N/A	N/A	2	6	245	11	350	250	0.76	2	-2.36	3	NORTH WALL
PAINTED BLOCK	18	1	N/A	N/A	N/A	N/A	2	6	237	11	299	230	3.76	2	7.08	3	NORTH WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-210.XLD
 Batch Ended: 4/4/95 8:42
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-33-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
8	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 8:14
9	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/4/95 8:16
10	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/4/95 8:18
11	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 8:20
12	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 8:22
13	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	4/4/95 8:25
14	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	4/4/95 8:27
15	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 8:29
16	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	4/4/95 8:31
17	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 8:33
18	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	4/4/95 8:35
19	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/4/95 8:38
20	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/4/95 8:40
21	3.756	2.60	<AL	7.53	7.08	4.06	<AL	12.28	2.00	1.254	2.63	4/4/95 8:42

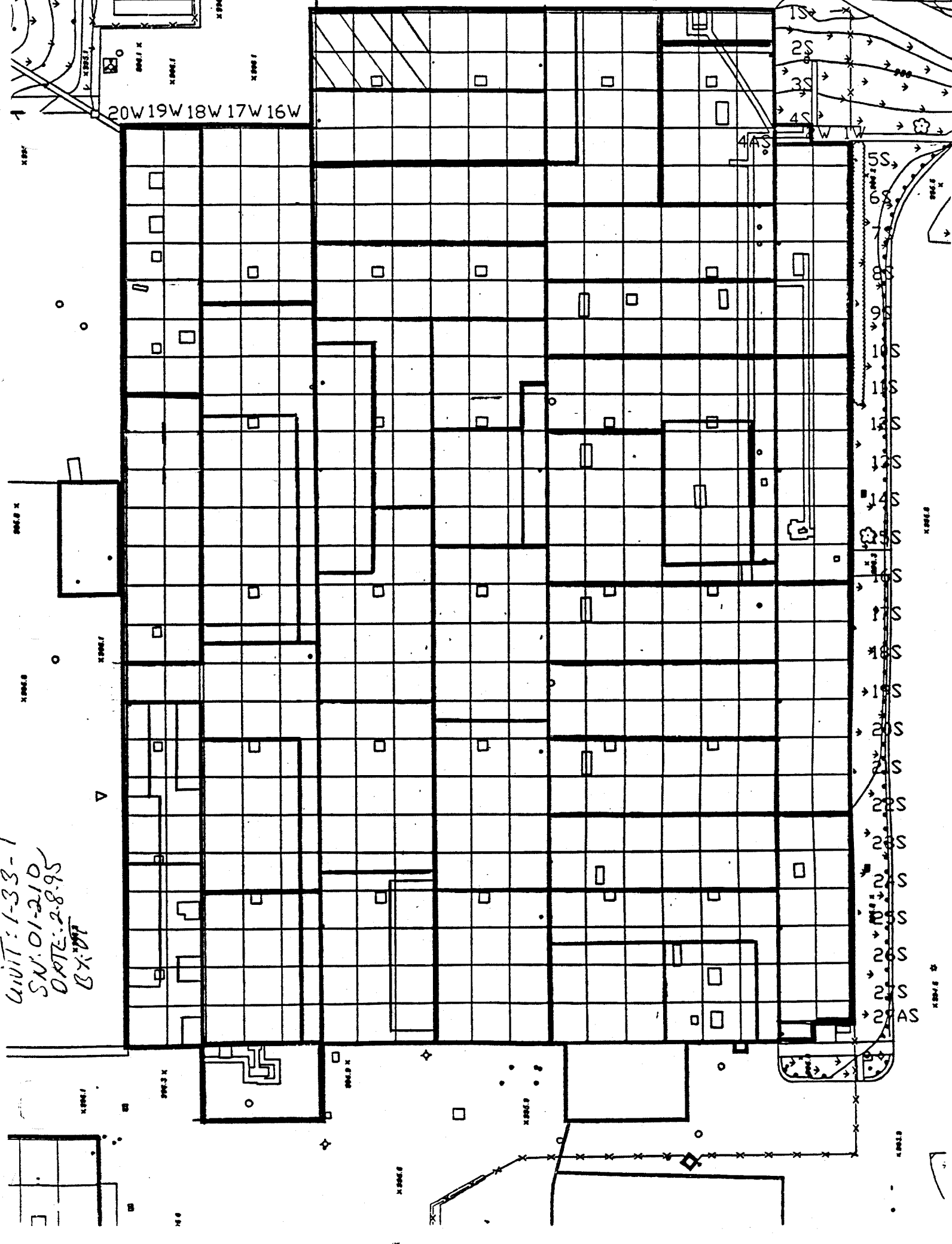
Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-33-1
SN: 01-210
DATE: 2-8-95
BY: [signature]

20W 19W 18W 17W 16W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28S
29S
30S
31S
32S
33S
34S
35S
36S
37S
38S
39S
40S
41S
42S
43S
44S
45S
46S
47S
48S
49S
50S
51S
52S
53S
54S
55S
56S
57S
58S
59S
60S
61S
62S
63S
64S
65S
66S
67S
68S
69S
70S
71S
72S
73S
74S
75S
76S
77S
78S
79S
80S
81S
82S
83S
84S
85S
86S
87S
88S
89S
90S
91S
92S
93S
94S
95S
96S
97S
98S
99S
100S



Blairsville Point Survey Form #003

Survey Serial #:	01-211
------------------	--------

Survey Section:	1
Survey Unit:	32
Survey Sub-unit:	1

Classification:	4
Survey Type:	LOWER

Survey Date:	2/8/95
Count Date:	4/4/95


Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	247

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	1.5	N/A	N/A	N/A	N/A	2	6	229	11	342	220	0.76	2	-2.36	3	WEST WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	1	6	275	11	371	250	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	3	0.5	N/A	N/A	N/A	N/A	0	6	252	11	396	230	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	3	6	248	11	348	260	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	5	0.5	N/A	N/A	N/A	N/A	1	6	246	11	313	220	0.76	2	0.34	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-211.XLD
 Batch Ended: 4/4/95 9:58
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-32-1

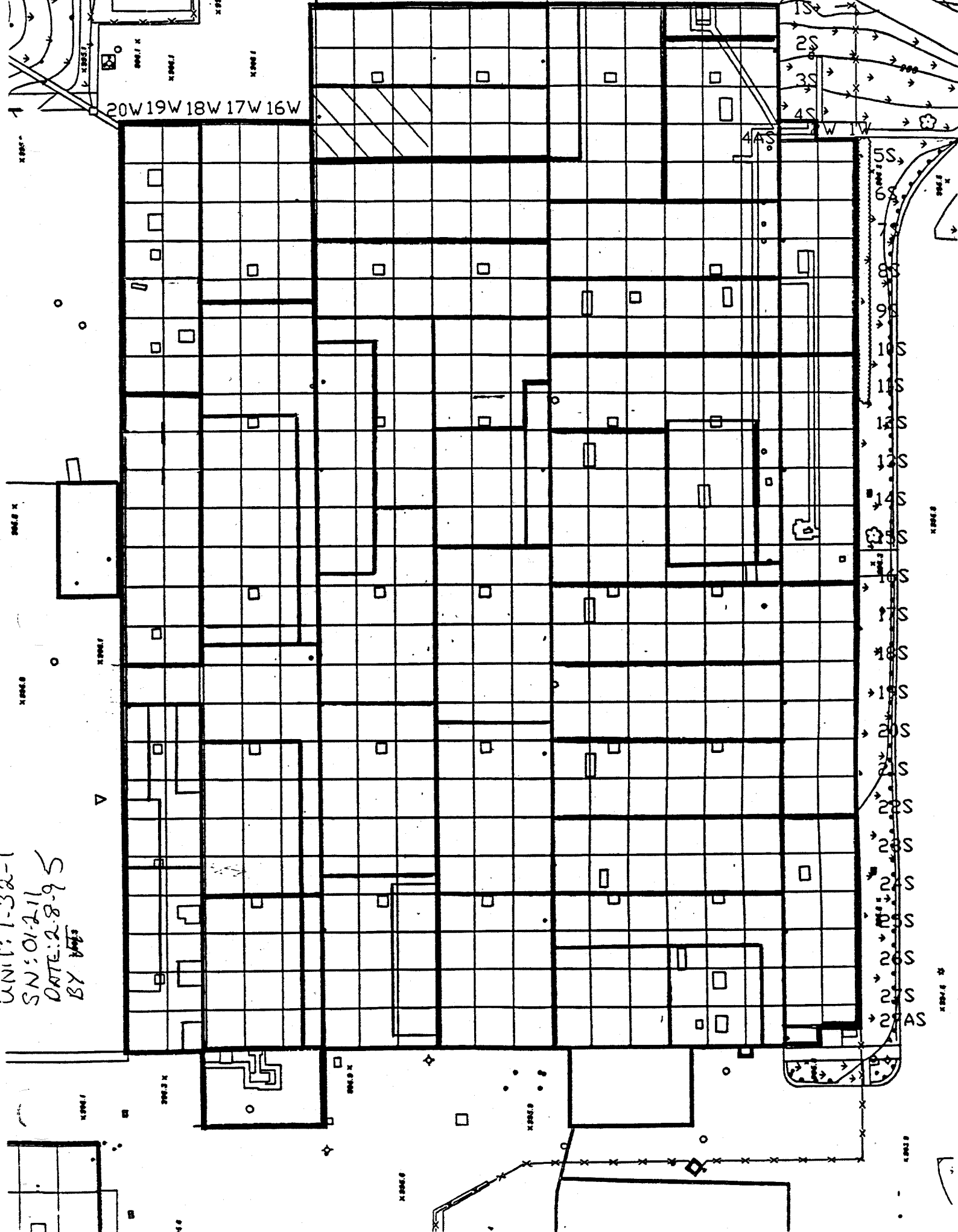
Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
1	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/4/95 9:50
2	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 9:52
3	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 9:54
4	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 9:56
5	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/4/95 9:58

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-32-1
SN: 01-211
DATE: 2-8-95
BY: [signature]

20W 19W 18W 17W 16W



Blairsville Point Survey Form #003

Survey Serial #:	01-212
Survey Section:	1
Survey Unit:	33
Survey Sub-unit:	2

Classification:	4
Survey Type:	LOWER

Survey Date:	2/9/95
Count Date:	4/4/95

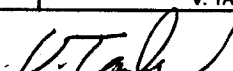
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	263

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	3	6	265	11	357	240	-0.74	2	1.69	3	NORTH WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	2	6	242	11	327	220	-0.74	2	-3.71	3	NORTH WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	0	6	256	11	383	250	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	3	6	234	11	308	240	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	1	6	260	11	311	250	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	5.5	0.5	N/A	N/A	N/A	N/A	0	6	280	11	336	220	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	8	2	N/A	N/A	N/A	N/A	1	6	243	11	298	230	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	10	1.5	N/A	N/A	N/A	N/A	0	6	214	11	306	190	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	12	0.5	N/A	N/A	N/A	N/A	3	6	207	11	373	210	0.76	2	-1.01	3	EAST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-212.XLD
 Batch Ended: 4/4/95 10:18
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count	Alpha	Beta	Completion
time (min)	CPM	CPM	Date - Time
2.00	-0.246	0.63	4/4/95 10:01
2.00	-0.246	-1.38	4/4/95 10:03
2.00	-0.246	-0.88	4/4/95 10:05
2.00	-0.246	-0.38	4/4/95 10:07
2.00	-0.246	0.13	4/4/95 10:09
2.00	-0.246	-0.38	4/4/95 10:12
2.00	-0.246	-0.38	4/4/95 10:14
2.00	-0.246	0.13	4/4/95 10:16
2.00	0.254	-0.38	4/4/95 10:18

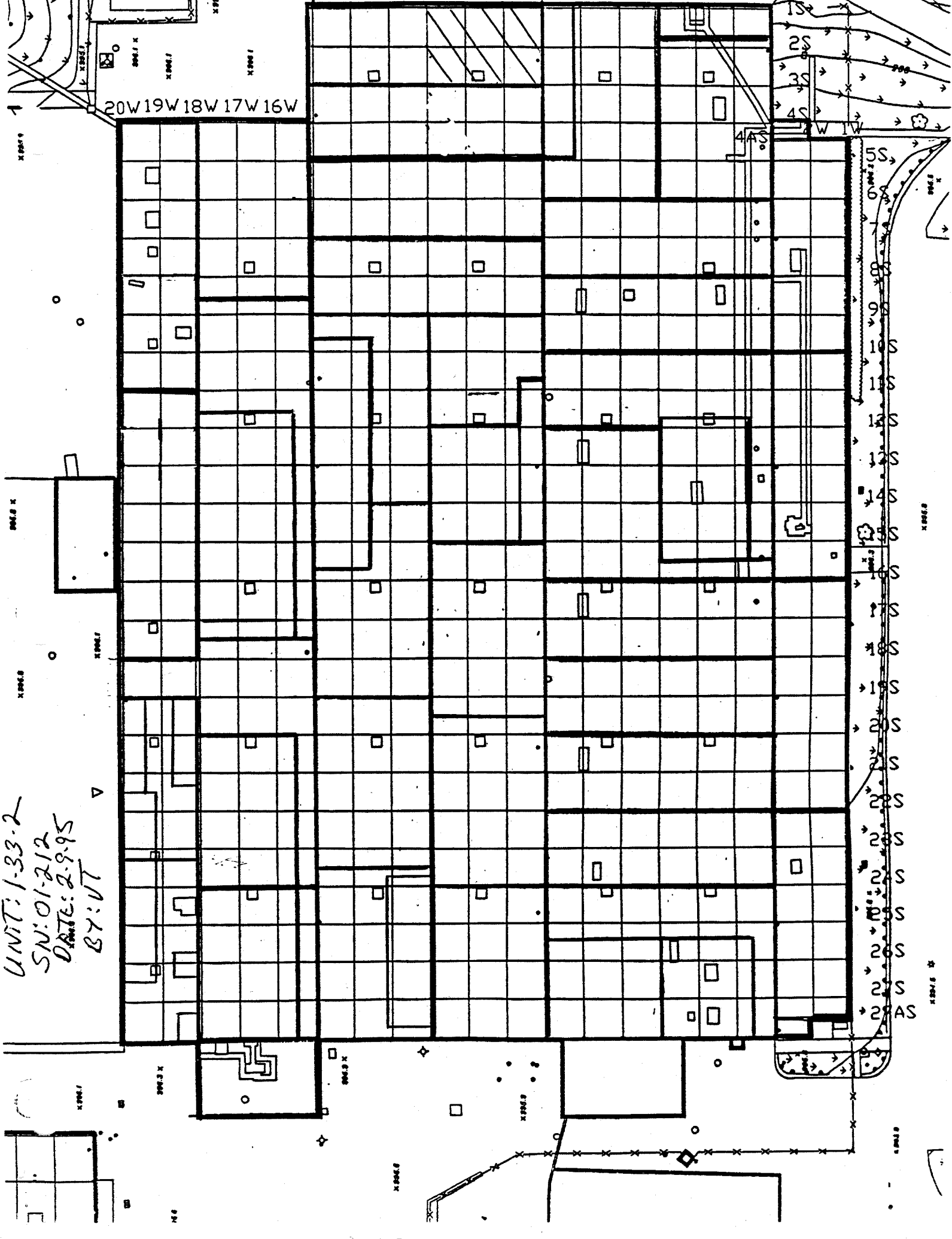
Batch ID: Blairsville 1-33-2

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
6	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	4/4/95 10:01
7	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 10:03
8	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 10:05
9	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 10:07
10	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 10:09
11	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 10:12
12	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 10:14
13	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 10:16
14	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/4/95 10:18

20W 19W 18W 17W 16W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS

UNIT: 1-33-2
SN: 01-212
DATE: 2-9-95
BY: VT



Blairsville Point Survey Form #003

Survey Serial #:	01-213
Survey Section:	1
Survey Unit:	32
Survey Sub-unit:	2

Classification:	4
Survey Type:	LOWER

Survey Date:	2/9/95
Count Date:	4/4/95

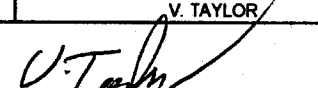
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	187

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	1	6	198	11	290	210	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	3	6	219	11	294	200	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	1	6	188	11	277	180	-0.74	2	-5.06	3	EAST WALL
PAINTED BLOCK	4	2	N/A	N/A	N/A	N/A	1	6	214	11	295	170	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	5	0.5	N/A	N/A	N/A	N/A	0	6	212	11	326	180	3.76	2	1.69	3	EAST WALL
PAINTED BLOCK	7	1.5	N/A	N/A	N/A	N/A	1	6	218	11	240	180	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	8	0.5	N/A	N/A	N/A	N/A	1	6	229	11	238	190	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	9	1.5	N/A	N/A	N/A	N/A	1	6	218	11	256	180	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	10	2	N/A	N/A	N/A	N/A	2	6	215	11	267	190	0.76	2	4.39	3	EAST WALL
PAINTED BLOCK	11	0.5	N/A	N/A	N/A	N/A	0	6	241	11	298	220		2		3	EAST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBX\UNIT1\B01-213.XLD
 Batch Ended: 4/4/95 10:40
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

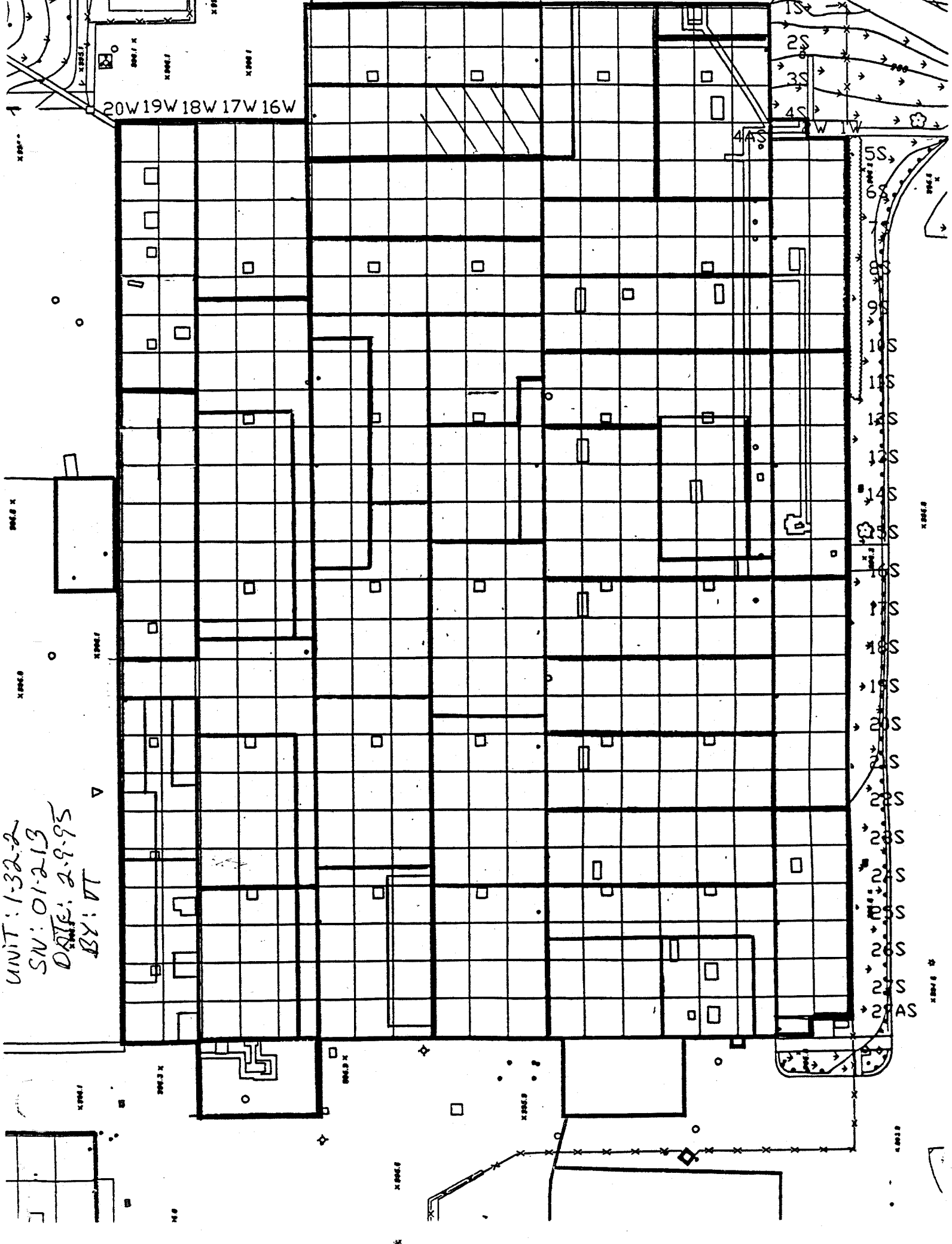
Alpha efficiency log file: th230ab Alpha Efficiency: 33.37% Alpha to Beta Crosstalk: 24.79% Alpha Background (CPM): 0.246428571 Alpha Correction Factor: 1.000
Beta efficiency log file: tc99ab Beta Efficiency: 37.06% Beta into Alpha Crosstalk: 0.03% Beta Background (CPM): 1.875 Beta Correction Factor: 1.000
Count time (min) Alpha CPM Beta CPM Completion Date - Time
2.00 -0.246 -0.38 4/4/95 10:20
2.00 0.254 0.13 4/4/95 10:23
2.00 -0.246 -1.88 4/4/95 10:25
2.00 -0.246 -0.38 4/4/95 10:27
2.00 1.254 0.63 4/4/95 10:29
2.00 0.254 0.13 4/4/95 10:34
2.00 -0.246 -1.38 4/4/95 10:36
2.00 -0.246 -0.88 4/4/95 10:38
2.00 0.254 1.63 4/4/95 10:40

Batch ID: Blairsville 1-33-2

Carrier	Alpha Activity				Beta Activity			
	DPM	σ	flags	MDA	DPM	σ	flags	MDA
15	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
16	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
17	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28
18	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
19	3.756	2.60	<AL	7.53	1.69	3.03	<MDA	12.28
21	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
22	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28
23	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28
24	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28

20W19W18W17W16W

UNIT: 1-32-2
SN: 01-2-13
DATE: 2-9-95
BY: VT



Blairsville Point Survey Form #003

Survey Serial #:	01-214
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	43
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/9/95
--------------	--------

Count Date:	4/4/95
-------------	--------

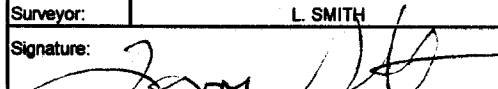
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1588	8	20.3	4.93	1

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1595	12	32.4	3.09	352

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type
5242	16	0.01	Beta / Gamma
234	23	5	Gamma

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	L. SMITH
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED CONCRETE	2	-16	4	23	0.01	16	4	8	349	12	399	340	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	5	-16	4	23	0.02	16	4	8	324	12	379	320	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	4	-33	4	23	0.02	16	0	8	323	12	373	320	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	5	-37	4.5	23	0.01	16	5	8	312	12	407	325	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	1	-38	4	23	0.01	16	3	8	301	12	501	350	-0.74	2	-5.06	3	FLOOR
PAINTED CONCRETE	4	-39	4	23	0.01	16	3	8	354	12	432	350	-0.74	2	3.04	3	FLOOR
PAINTED CONCRETE	6	-39	4	23	0.02	16	2	8	317	12	379	300	0.76	2	-2.36	3	FLOOR
PAINTED CONCRETE	1	-40	4.5	23	0.02	16	16	8	324	12	387	320	2.26	2	-1.01	3	FLOOR
PAINTED CONCRETE	3	-40	4	23	0.01	16	5	8	367	12	399	350	-0.74	2	0.34	3	FLOOR
PAINTED CONCRETE	5	-40	4	23	0.015	16	1	8	352	12	395	340	-0.74	2	0.34	3	FLOOR
PAINTED CONCRETE	8	-42	4	23	0.01	16	2	8	334	12	379	300	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	10	-42	4	23	0.02	16	1	8	352	12	374	320	-0.74	2	-3.71	3	FLOOR
PAINTED CONCRETE	10	-40	4	23	0.02	16	0	8	367	12	393	350	-0.74	2	-3.71	3	FLOOR
PAINTED CONCRETE	10	-38	4	23	0.01	16	3	8	312	12	402	320	0.76	2	3.04	3	FLOOR

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-214.XLD
 Batch Ended: 4/4/95 11:11
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-43-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
25	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 10:42
26	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 10:45
27	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 10:47
28	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 10:49
29	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	4/4/95 10:51
30	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	4/4/95 10:53
31	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/4/95 10:56
32	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	4/4/95 10:58
33	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:00
34	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:02
35	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 11:04
36	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 11:07
37	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 11:09
38	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	4/4/95 11:11

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

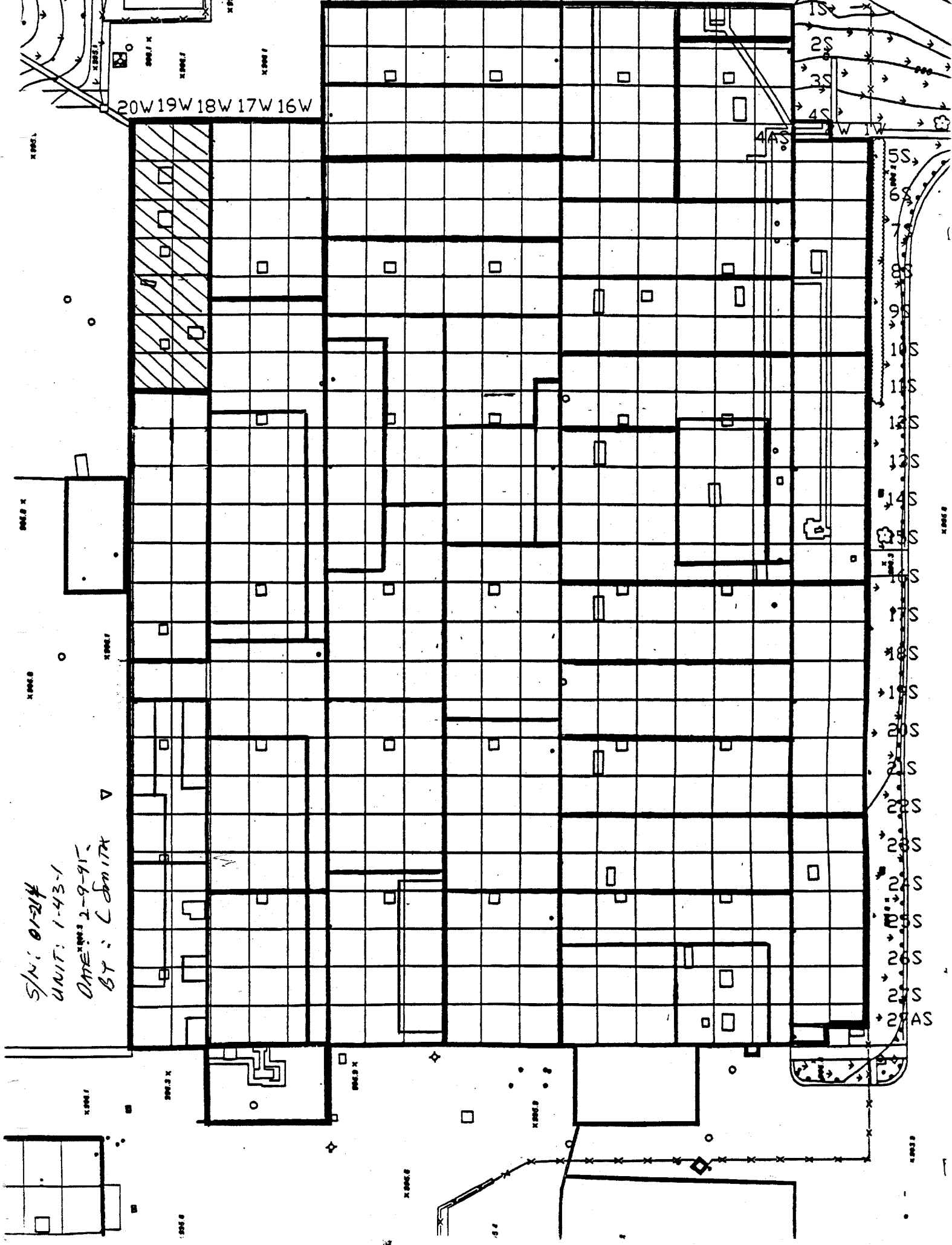
Beta Correction Factor: 1.000

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

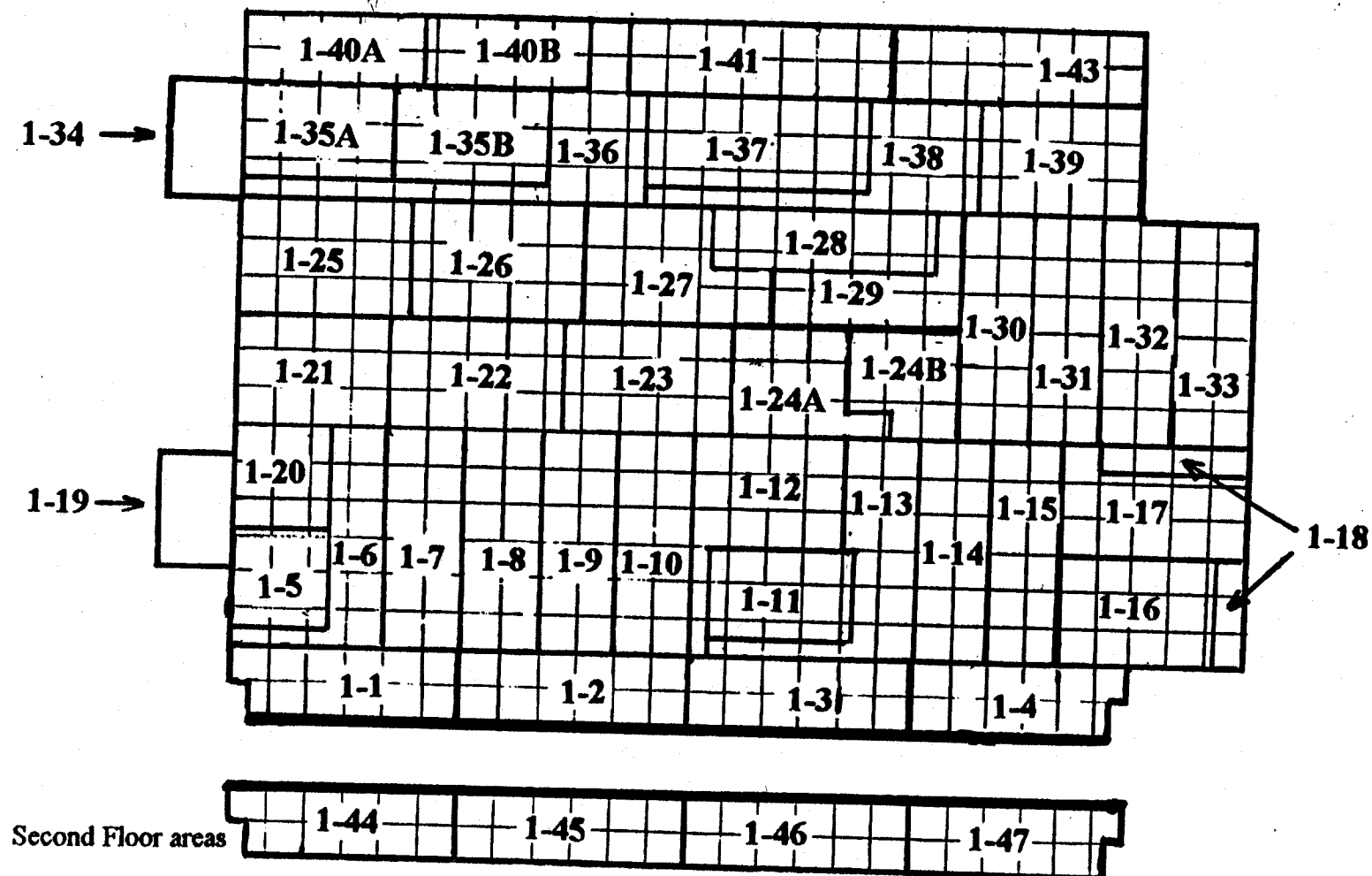
20W 19W 18W 17W 16W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS

S/N: 01-214
UNIT: 1-43-1
DATE: 2-9-91
BY: C Smith



MAIN BUILDING
SMP
BLAIRSVILLE SITE



Blairsville Point Survey Form #003

Survey Serial #: 01-215

Survey Section: 1

Survey Unit: 40B

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/13/95

Count Date: 4/4/95

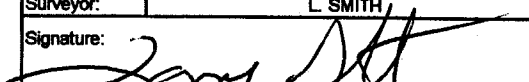
Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	207

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: L. SMITH
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
EAST WALL #1	2	0.5	N/A	N/A	N/A	N/A	2	6	265	11	369	280	-0.74	2	0.34	3	BLOCK (SEE MAP)
EAST WALL #1	4	0.5	N/A	N/A	N/A	N/A	1	6	180	11	320	200	0.76	2	1.69	3	
EAST WALL #1	6	1.5	N/A	N/A	N/A	N/A	1	6	169	11	330	200	-0.74	2	1.69	3	
EAST WALL #1	8	1	N/A	N/A	N/A	N/A	11	6	289	11	234	180	-0.74	2	0.34	3	
EAST WALL #1	9	0.5	N/A	N/A	N/A	N/A	0	6	208	11	261	200	-0.74	2	-3.71	3	
EAST WALL #1	11	0.5	N/A	N/A	N/A	N/A	2	6	237	11	397	240	-0.74	2	0.34	3	
NORTH WALL	2	1	N/A	N/A	N/A	N/A	2	6	323	11	480	320	-0.74	2	-1.01	3	
NORTH WALL	4	1	N/A	N/A	N/A	N/A	6	6	211	11	250	200	0.76	2	-2.36	3	
EAST WALL #2	2	1	N/A	N/A	N/A	N/A	1	6	189	11	442	200	0.76	2	5.73	3	
EAST WALL #2	3	2	N/A	N/A	N/A	N/A	2	6	167	11	280	170	-0.74	2	-3.71	3	
EAST WALL #2	4	1	N/A	N/A	N/A	N/A	1	6	171	11	372	180	-0.74	2	0.34	3	
EAST WALL #2	9	1	N/A	N/A	N/A	N/A	0	6	214	11	329	190	-0.74	2	-2.36	3	
WEST WALL #1	2	1	N/A	N/A	N/A	N/A	3	6	254	11	360	220	0.76	2	0.34	3	
WEST WALL #1	4	0.5	N/A	N/A	N/A	N/A	1	6	241	11	376	260	0.76	2	-3.71	3	
WEST WALL #1	6	0.5	N/A	N/A	N/A	N/A	0	6	244	11	387	250	0.76	2	-1.01	3	
WEST WALL #1	7	1.5	N/A	N/A	N/A	N/A	1	6	284	11	327	240	0.76	2	1.69	3	
WEST WALL #2	3	0.5	N/A	N/A	N/A	N/A	1	6	294	11	364	300	0.76	2	3.04	3	
WEST WALL #2	5	0.5	N/A	N/A	N/A	N/A	2	6	292	11	385	300	0.76	2	1.69	3	
WEST WALL #2	7	1	N/A	N/A	N/A	N/A	2	6	249	11	374	250	-0.74	2	-3.71	3	
WEST WALL #2	9	0.5	N/A	N/A	N/A	N/A	0	6	261	11	343	270	-0.74	2	1.69	3	

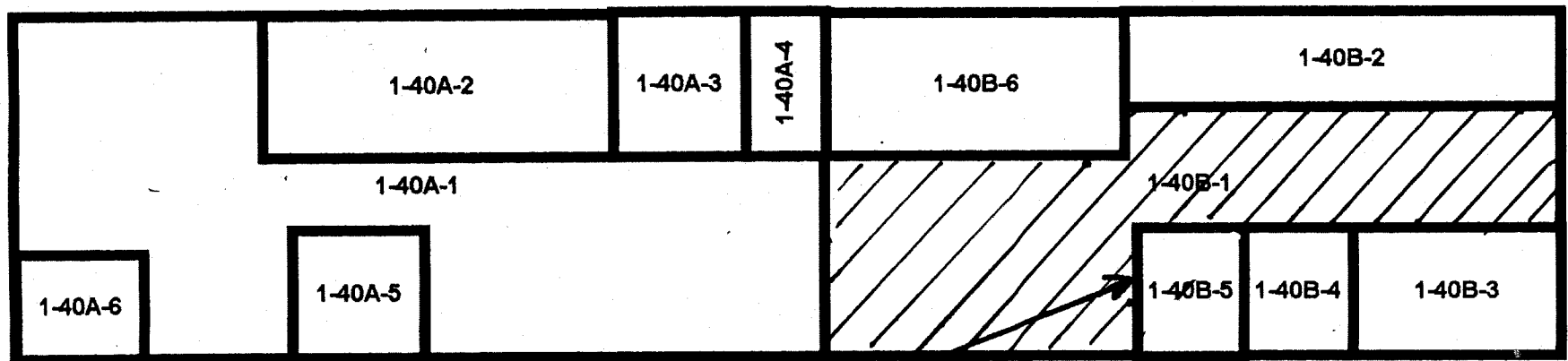
UNIT 1-40A & B

UNIT: # 1-40B-1

SN: 01-225

DATE: 2-13-95

BY: L. Smith.



LB5100-W Low Background Counting System – Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-215.XLD
 Batch Ended: 4/4/95 11:55
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-40B-1

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
39	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:13
40	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	4/4/95 11:15
41	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	4/4/95 11:18
42	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:20
43	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 11:22
44	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:24
45	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 11:26
46	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/4/95 11:29
47	0.760	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	0.254	2.13	4/4/95 11:31
48	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 11:33
49	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:35
50	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 11:37
51	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/4/95 11:40
52	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/4/95 11:42
53	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/4/95 11:44
54	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	4/4/95 11:46
55	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	4/4/95 11:48
56	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	4/4/95 11:51
57	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 11:53
58	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	4/4/95 11:55

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #: 01-216

Survey Section: 1

Survey Unit: 40A

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/14/95

Count Date: 3/21/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	3

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	188

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	4	6	196	11	510	230	-0.74	2	-1.01	3	WEST WALL #1
PAINTED BLOCK	5	1.5	N/A	N/A	N/A	N/A	3	6	173	11	234	160	-0.74	2	-3.71	3	WEST WALL #1
PAINTED BLOCK	6.6	1	N/A	N/A	N/A	N/A	2	6	156	11	337	250	-0.74	2	-3.71	3	WEST WALL #1
PAINTED BLOCK	0.6	1.5	N/A	N/A	N/A	N/A	1	6	227	11	338	240	-0.74	2	-2.36	3	NORTH WALL #1
PAINTED BLOCK	2.3	1	N/A	N/A	N/A	N/A	2	6	241	11	333	230	0.76	2	1.69	3	NORTH WALL #1
PAINTED BLOCK	5.3	1	N/A	N/A	N/A	N/A	2	6	218	11	373	255	-0.74	2	0.34	3	NORTH WALL #1
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	0	6	248	11	332	230	2.26	2	-3.71	3	WEST WALL #2
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	3	6	252	11	371	250	-0.74	2	-5.06	3	WEST WALL #2
PAINTED BLOCK	7	0.5	N/A	N/A	N/A	N/A	1	6	244	11	321	230	-0.74	2	-3.71	3	WEST WALL #2
PAINTED BLOCK	9	1	N/A	N/A	N/A	N/A	0	6	234	11	343	260	-0.74	2	-2.36	3	WEST WALL #2
PAINTED BLOCK	13	1.5	N/A	N/A	N/A	N/A	0	6	223	11	309	220	-0.74	2	-2.36	3	WEST WALL #2
PAINTED BLOCK	15	1	N/A	N/A	N/A	N/A	1	6	261	11	387	280	-0.74	2	3.04	3	WEST WALL #2
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	5	6	194	11	358	230	-0.74	2	-3.71	3	EAST WALL #1
PAINTED BLOCK	3.8	1	N/A	N/A	N/A	N/A	2	6	183	11	350	260	-0.74	2	4.39	3	EAST WALL #1
PAINTED BLOCK	5.5	0.5	N/A	N/A	N/A	N/A	1	6	179	11	480	260	-0.74	2	5.73	3	EAST WALL #1
PAINTED BLOCK	7	1.5	N/A	N/A	N/A	N/A	4	6	188	11	279	200	2.26	2	-1.01	3	EAST WALL #1
PAINTED BLOCK	9	1.5	N/A	N/A	N/A	N/A	4	6	185	11	272	160	-0.74	2	-2.36	3	EAST WALL #1
PAINTED BLOCK	11	1	N/A	N/A	N/A	N/A	1	6	185	11	262	200	-0.74	2	3.04	3	EAST WALL #1
PAINTED BLOCK	0.5	1	N/A	N/A	N/A	N/A	1	6	202	11	299	190	-0.74	2	3.04	3	SOUTH WALL #1
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	1	6	187	11	310	200	2.26	2	4.39	3	SOUTH WALL #1
PAINTED BLOCK	3.7	0.5	N/A	N/A	N/A	N/A	1	6	222	11	331	220	-0.74	2	0.34	3	SOUTH WALL #1
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	1	6	229	11	294	210	0.76	2	-2.36	3	EAST WALL #2
PAINTED BLOCK	3	0.5	N/A	N/A	N/A	N/A	3	6	192	11	247	215	-0.74	2	-2.36	3	EAST WALL #2

Blairsville Point Survey Form #003

Survey Serial #: 01-216

Survey Section: 1

Survey Unit: 40A

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/14/95

Count Date: 3/21/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	3

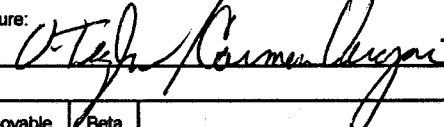
Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	188

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI

Signature: 

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	1	6	224	11	308	215	-0.74	2	-2.36	3	NORTH WALL #2
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	1	6	213	11	260	200	2.26	2	1.69	3	NORTH WALL #2
PAINTED BLOCK	18	1.5	N/A	N/A	N/A	N/A	1	6	210	11	263	200	-0.74	2	1.69	3	EAST WALL #1
PAINTED BLOCK	20	1.5	N/A	N/A	N/A	N/A	1	6	171	11	293	180	-0.74	2	3.04	3	EAST WALL #1
PAINTED BLOCK	22	1.5	N/A	N/A	N/A	N/A	5	6	206	11	287	190	-0.74	2	4.39	3	EAST WALL #1
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	4	6	263	11	257	200	-0.74	2	1.69	3	SOUTH WALL #2
PAINTED BLOCK	3.5	1.5	N/A	N/A	N/A	N/A	1	6	289	11	305	230	-0.74	2	8.43	3	SOUTH WALL #2
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	1	6	286	11	340	230	-0.74	2	-3.71	3	EAST WALL #3
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	6	279	11	273	200	-0.74	2	0.34	3	EAST WALL #3
PAINTED BLOCK	1.7	1	N/A	N/A	N/A	N/A	3	6	240	11	310	240	0.76	2	1.69	3	SOUTH WALL #3
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	2	6	239	11	364	250		2		3	SOUTH WALL #3

LB5100-W Low Background Counting System – Smear Analysis

Date: 3/22/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-216.XLD
 Batch Ended: 3/21/95 15:00
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-40A-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
27	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	3/21/95 13:47
28	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/21/95 13:49
29	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/21/95 13:51
30	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	3/21/95 13:53
31	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	3/21/95 13:56
33	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	3/21/95 14:00
34	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	3/21/95 14:02
35	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	3/21/95 14:05
36	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/21/95 14:07
37	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	3/21/95 14:09
38	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	3/21/95 14:11
39	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	3/21/95 14:13
40	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/21/95 14:15
41	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	3/21/95 14:18
42	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	3/21/95 14:20
43	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	3/21/95 14:22
44	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	3/21/95 14:24
45	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	3/21/95 14:27
46	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	3/21/95 14:29
47	2.258	2.12	<AL	7.53	4.39	3.58	<AL	12.28	2.00	0.754	1.63	3/21/95 14:31
48	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	3/21/95 14:33
49	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	3/21/95 14:35
50	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	3/21/95 14:37
51	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	3/21/95 14:40

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

LB5100-W Low Background Counting System – Smear Analysis

Date: 3/22/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-216.XLD
 Batch Ended: 3/21/95 15:00
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-40A-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
52	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	3/21/95 14:42
53	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	3/21/95 14:44
54	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	3/21/95 14:46
55	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	3/21/95 14:48
56	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	3/21/95 14:51
57	-0.738	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	-0.246	3.13	3/21/95 14:53
58	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/21/95 14:55
59	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	3/21/95 14:57
60	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	3/21/95 15:00

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

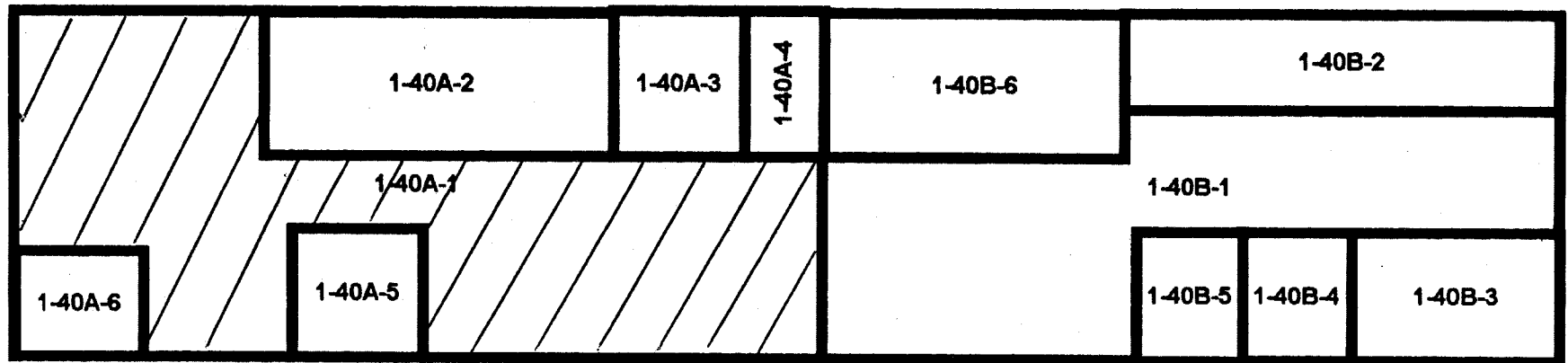
UNIT: 1-40A-1

SN: 01-216

DATE: 2-14-95

BY: CV/VT

UNIT 1-40A & B



Blairsville Point Survey Form #003

Survey Serial #: 01-217

Survey Section: 1

Survey Unit: 40A

Survey Sub-unit: 2

Classification: 4

Survey Type: LOWER

Survey Date: 2/14/95

Count Date: 4/4/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	4

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	223

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR / C. VERGARI
Signature: *V. Taylor / C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM	Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Beta	Code	
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	2	6	249	11	318	230	-0.74	2	0.34	3 SOUTH WALL
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	2	6	261	11	350	240	-0.74	2	-1.01	3 EAST WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	1	6	267	11	286	250	0.76	2	3.04	3 EAST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 4/4/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-217.XLD
 Batch Ended: 4/4/95 12:02
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-40A-2

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
59	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/4/95 11:57
60	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 11:59
61	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	4/4/95 12:02

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

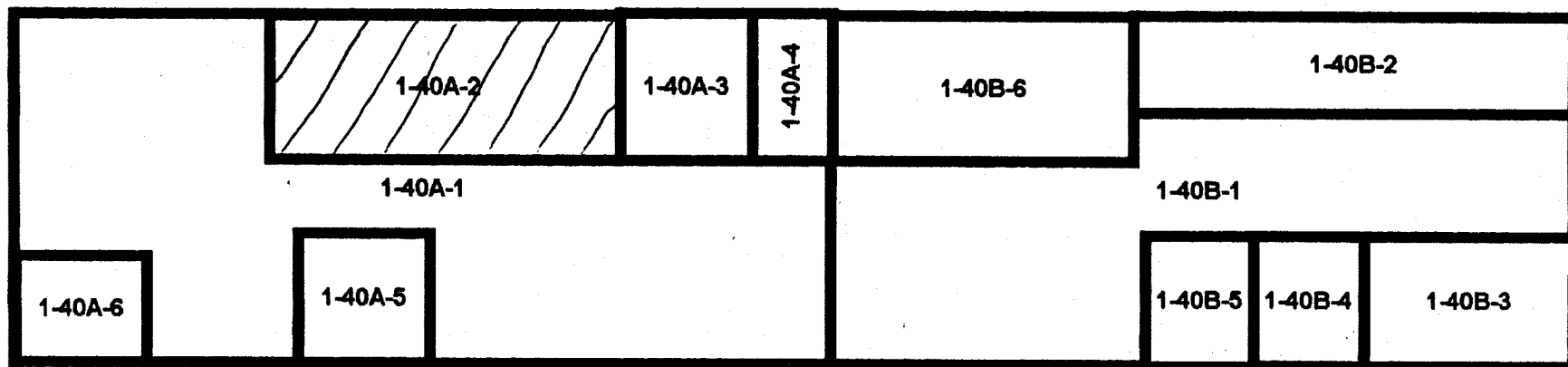
UNIT: 1-40A-2

SX: 01217

DATE: 2-14-95

BY: CV/VT

UNIT 1-40A & B



Blairsville Point Survey Form #003

Survey Serial #:	01-218
Survey Section:	1
Survey Unit:	40A
Survey Sub-unit:	6

Classification:	4
Survey Type:	LOWER

Survey Date:	2/14/95
Count Date:	4/5/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	214

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR / C. VERGARI
Signature:	<i>V. Taylor / C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
GLAZED BRICK	1	1	N/A	N/A	N/A	N/A	15	6	639	11	902	590	2.26	2	-2.36	3	NORTH WALL
GLAZED BRICK	2.5	0.5	N/A	N/A	N/A	N/A	20	6	660	11	678	570	0.76	2	-3.71	3	NORTH WALL
GLAZED BRICK	1	1.5	N/A	N/A	N/A	N/A	8	6	684	11	680	570	-0.74	2	-3.71	3	EAST WALL
GLAZED BRICK	3	1	N/A	N/A	N/A	N/A	17	6	608	11	709	570	-0.74	2	-1.01	3	EAST WALL
GLAZED BRICK	2	1	N/A	N/A	N/A	N/A	19	6	636	11	763	620	-0.74	2	-2.36	3	SOUTH WALL
GLAZED BRICK	2	2	N/A	N/A	N/A	N/A	11	6	687	11	714	570	0.76	2	-3.71	3	WEST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 4/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-218.XLD
 Batch Ended: 4/5/95 10:41
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-40A-6

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	4/5/95 10:28
2	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/5/95 10:30
3	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/5/95 10:32
4	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/5/95 10:35
5	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 10:37
6	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/5/95 10:39
7	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	4/5/95 10:41

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

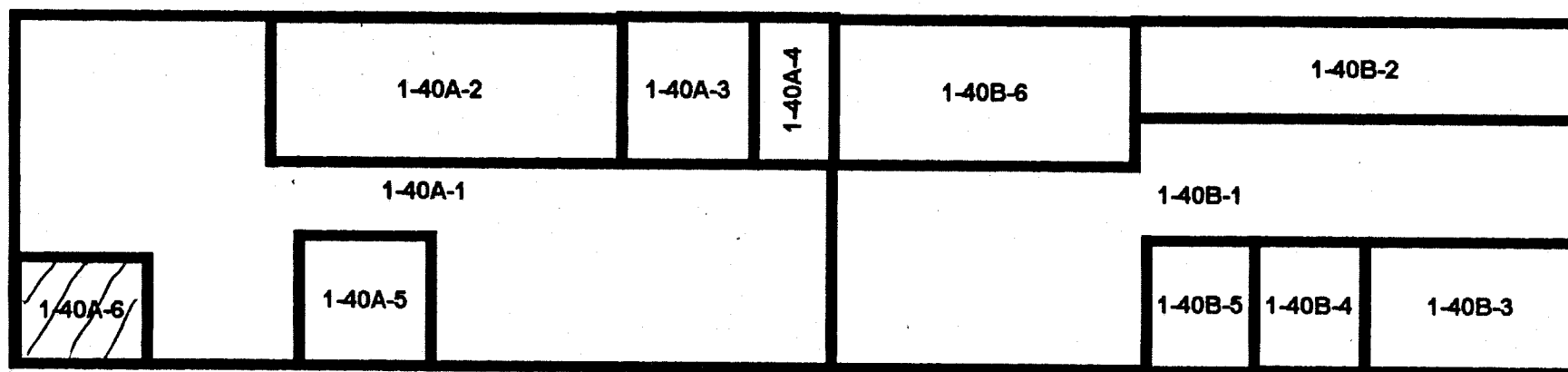
UNIT: 1-40A-6

SN: 01-218

DATE: 2.14.95

BY: VT:CV

UNIT 1-40A & B



Blairsville Point Survey Form #003

Survey Serial #:	01-219
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	40A
--------------	-----

Survey Sub-unit:	4
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/14/95
--------------	---------

Count Date:	4/5/95
-------------	--------

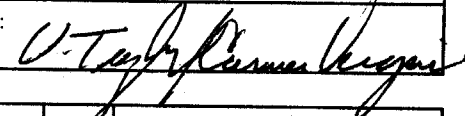
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	239

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR / C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1.7	1.5	N/A	N/A	N/A	N/A	3	6	288	11	316	250	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	6	248	11	374	220	-0.74	2	-3.71	3	SOUTH WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 4/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-219.XLD
 Batch Ended: 4/5/95 10:46
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-40A-4

Carrier	Alpha Activity				Beta Activity			
	DPM	σ	flags	MDA	DPM	σ	flags	MDA
8	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
9	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28

Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
2.00	-0.246	0.13	4/5/95 10:43
2.00	-0.246	-1.38	4/5/95 10:46

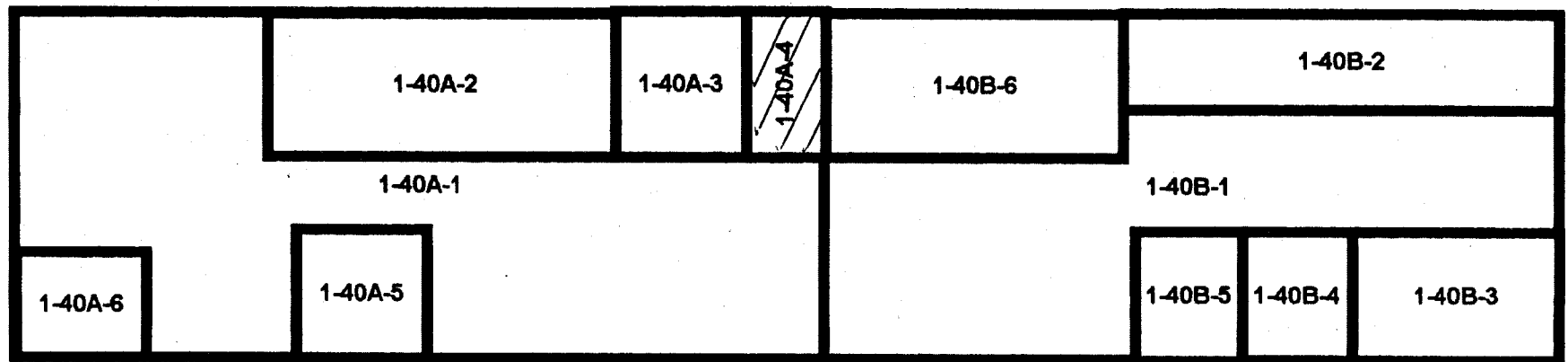
UNIT: 1-40A-4

SN: 01219

DATE: 2-14-95

BY: CV/VT

UNIT 1-40A & B



Blairsville Point Survey Form #003

Survey Serial #: 01-220

Survey Section: 1

Survey Unit: 30

Survey Sub-unit: 2

Classification: 4

Survey Type: LOWER

Survey Date: 2/14/95

Count Date: 4/5/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	207

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor / C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	1.5	N/A	N/A	N/A	N/A	2	6	179	11	289	180	0.76	2	-3.71	3	EAST WALL
PAINTED BLOCK	5.5	1	N/A	N/A	N/A	N/A	0	6	183	11	244	190	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	6.5	0.5	N/A	N/A	N/A	N/A	0	6	188	11	239	200	0.76	2	1.69	3	EAST WALL
PAINTED BLOCK	7.5	1.5	N/A	N/A	N/A	N/A	3	6	195	11	260	180	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	8.5	1.5	N/A	N/A	N/A	N/A	1	6	199	11	268	180	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	9.5	0.5	N/A	N/A	N/A	N/A	3	6	227	11	264	190	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	10	1	N/A	N/A	N/A	N/A	3	6	193	11	272	160	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	11	1.5	N/A	N/A	N/A	N/A	2	6	180	11	229	200	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	11.5	2	N/A	N/A	N/A	N/A	2	6	162	11	249	150	0.76	2	-2.36	3	EAST WALL
PAINTED BLOCK	0.5	1.5	N/A	N/A	N/A	N/A	5	6	213	11	299	180	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	2	6	240	11	262	200	-0.74	2	-3.71	3	EAST WALL #2
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	0	6	207	11	286	210	0.76	2	-1.01	3	EAST WALL #2
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	3	6	218	11	264	190	-0.74	2	-5.06	3	SOUTH WALL
CONCRETE FLOOR	16	-2	4	23	0.02	16	3	6	268	11	392	220	0.76	2	-1.01	3	
CONCRETE FLOOR	16	-4	4	23	0.01	16	4	6	275	11	343	240	-0.74	2	-2.36	3	
CONCRETE FLOOR	16	-6	4	23	0.01	16	2	6	245	11	339	220	0.76	2	-3.71	3	

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-220.XLD
 Batch Ended: 4/5/95 11:21
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-30-2

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
10	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/5/95 10:48
11	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/5/95 10:50
12	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	4/5/95 10:52
13	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 10:54
14	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/5/95 10:57
15	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/5/95 10:59
16	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/5/95 11:01
17	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 11:03
18	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/5/95 11:05
19	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 11:08
20	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/5/95 11:10
21	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/5/95 11:12
22	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	4/5/95 11:14
23	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	4/5/95 11:16
24	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 11:19
25	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/5/95 11:21

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

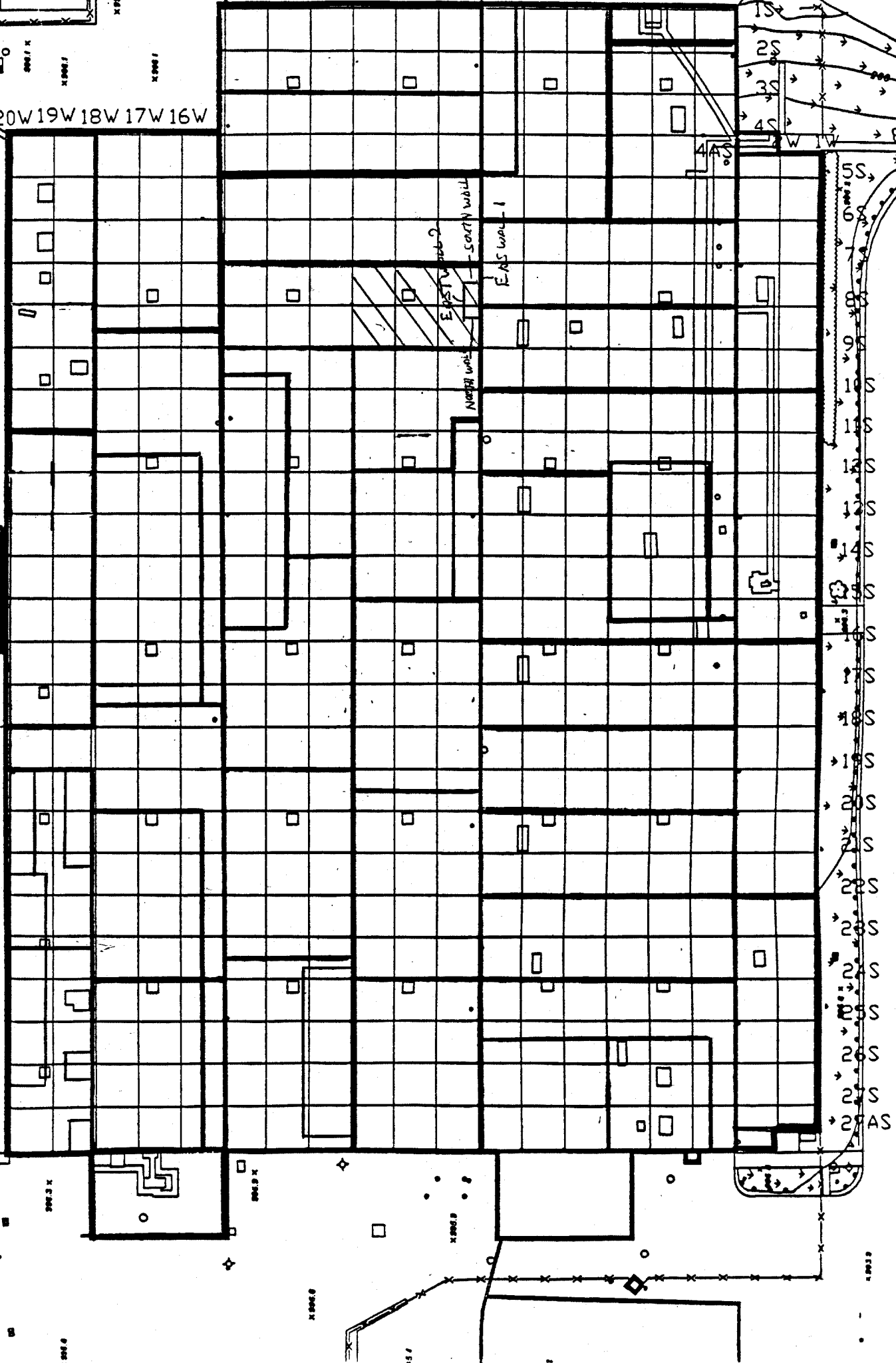
Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

UNIT: 1-30-2
SN: 01220
DATE: 2-14-95
BY: CWP/UT

20W 19W 18W 17W 16W



Blairsville Point Survey Form #003

Survey Serial #:	01-221
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	24B
--------------	-----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/15/95
--------------	---------

Count Date:	4/5/95
-------------	--------

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	221

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type
234	23	4	Gamma
5242	16	0.01	Beta / Gamma

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	<i>V. Taylor / C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	0.5	1	N/A	N/A	N/A	N/A	5	6	226	11	266	210	0.76	2	-2.36	3	EAST WALL
PAINTED BLOCK	1.5	1.5	N/A	N/A	N/A	N/A	3	6	192	11	286	200	0.76	2	3.04	3	EAST WALL
PAINTED BLOCK	2.5	0.5	N/A	N/A	N/A	N/A	0	6	215	11	298	180	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	3.5	1	N/A	N/A	N/A	N/A	1	6	191	11	314	170	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	4.5	1.5	N/A	N/A	N/A	N/A	1	6	198	11	262	170	-0.74	2	4.39	3	EAST WALL
PAINTED BLOCK	5.5	2	N/A	N/A	N/A	N/A	3	6	205	11	239	180	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	6.5	1.5	N/A	N/A	N/A	N/A	1	6	198	11	262	170	0.76	2	-2.36	3	EAST WALL
PAINTED BLOCK	7.5	1	N/A	N/A	N/A	N/A	0	6	206	11	291	180	0.76	2	0.34	3	EAST WALL
CONCRETE FLOOR	15	0	4	23	0.015	16	4	6	195	11	284	190	0.76	2	-2.36	3	
CONCRETE FLOOR	17	0	4	23	0.01	16	5	6	267	11	332	250	-0.74	2	-1.01	3	
CONCRETE FLOOR	17	-2	4	23	0.01	16	1	6	236	11	409	240	0.76	2	-3.71	3	
CONCRETE FLOOR	17	-4	4	23	0.01	16	3	6	277	11	311	240	0.76	2	-5.06	3	
CONCRETE FLOOR	9	0	4	23	0.015	16	2	6	284	11	319	260	-0.74	2	0.34	3	
CONCRETE FLOOR	11	0	4	23	0.01	16	5	6	245	11	350	220	0.76	2	8.43	3	
CONCRETE FLOOR	13	0	4	23	0.015	16	1	6	247	11	399	250	-0.74	2	5.73	3	

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-221.XLD
 Batch Ended: 4/5/95 11:54
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

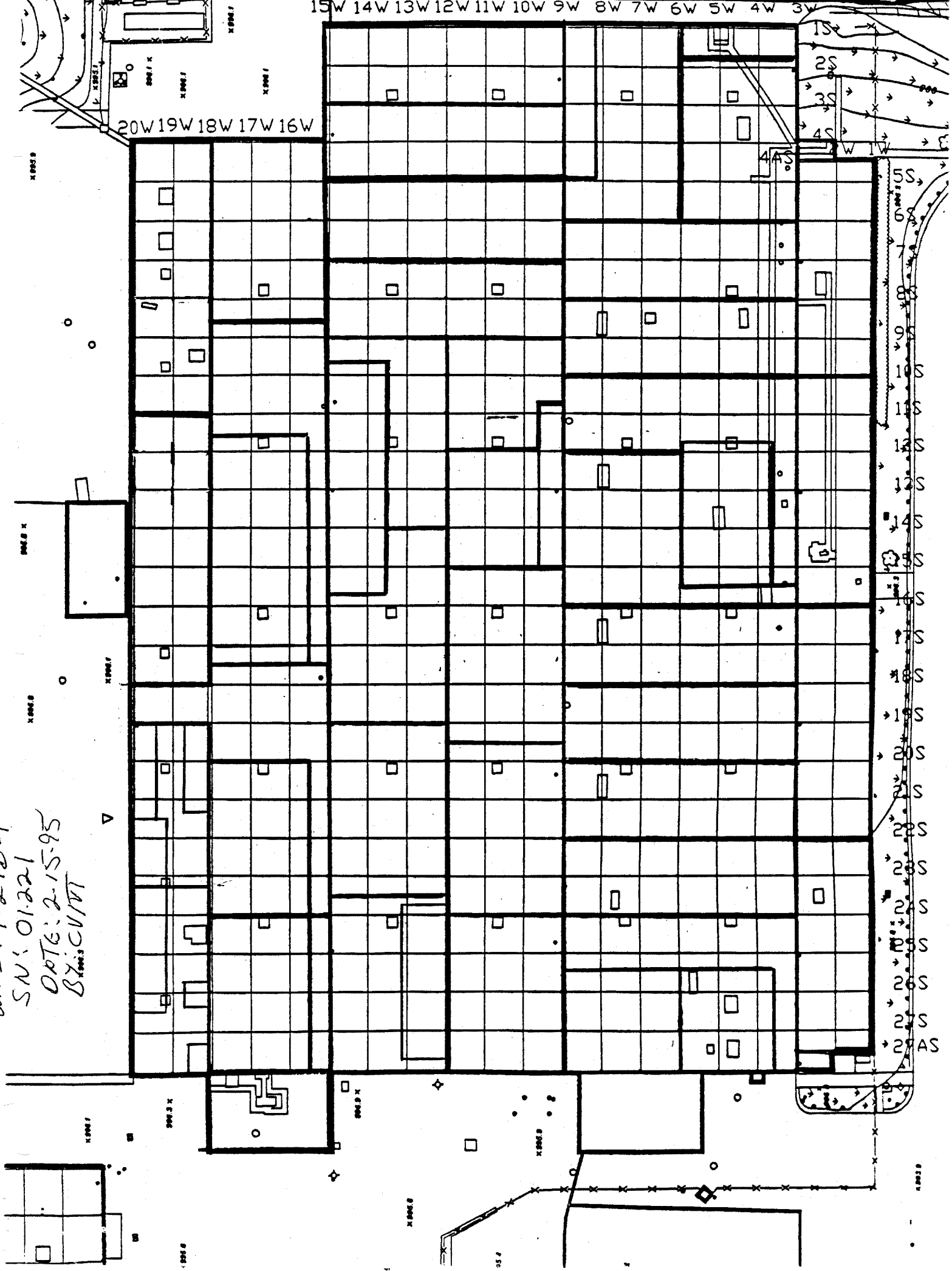
Batch ID: Blairsville 1-24B-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
26	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/5/95 11:23
27	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	4/5/95 11:25
28	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/5/95 11:27
29	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 11:30
30	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	4/5/95 11:32
31	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/5/95 11:34
32	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/5/95 11:36
33	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/5/95 11:38
34	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/5/95 11:41
35	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/5/95 11:43
36	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	4/5/95 11:45
37	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	4/5/95 11:47
38	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/5/95 11:49
39	0.760	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	0.254	3.13	4/5/95 11:52
40	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	4/5/95 11:54

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-24B-1
SN: 01221
DATE: 2-15-95
BY: CUM



Blairsville Point Survey Form #003

Survey Serial #:	01-222
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	40A
--------------	-----

Survey Sub-unit:	3
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/15/95
--------------	---------

Count Date:	4/5/95
-------------	--------


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	238

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	4	6	234	11	385	220	-0.74	2	-5.06	3	NORTH WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	3	6	260	11	368	240	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	1.5	1	N/A	N/A	N/A	N/A	3	6	279	11	321	230		2		3	EAST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-222.XLD
 Batch Ended: 4/5/95 11:58
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-40A-3

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
41	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	4/5/95 11:56
42	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 11:58

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

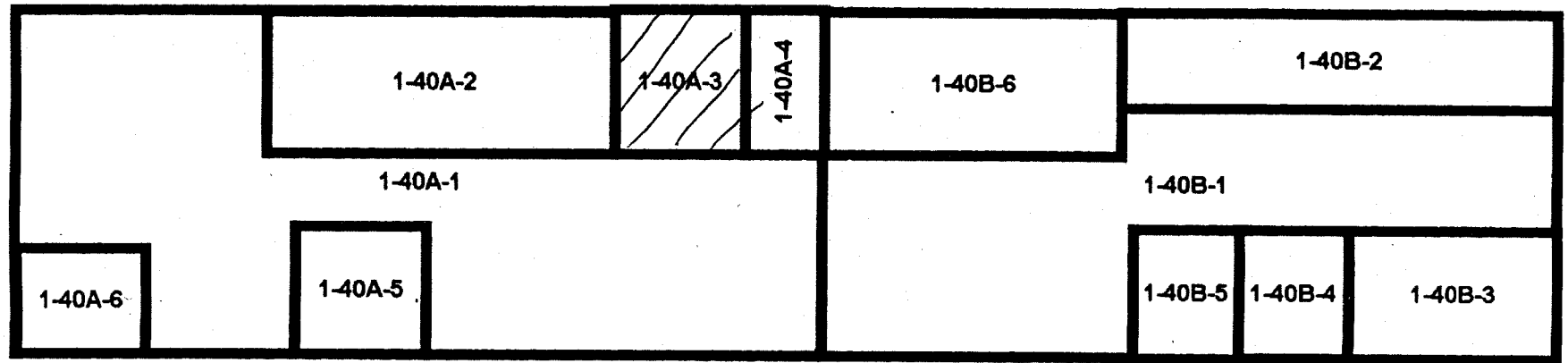
UNIT: 1-40A-3

S/N: 01-222

DATE: 2-15-95

BY: CV/VT

UNIT 1-40A & B



Blairsville Point Survey Form #003

Survey Serial #:	01-223
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	31
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/15/95
--------------	---------

Count Date:	4/5/95
-------------	--------


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	233

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	N. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CONCRETE FLOOR	1	-3	4	23	0.01	16	6	6	247	11	336	250	-0.74	2	1.69	3	
CONCRETE FLOOR	3	-3	4	23	0.01	16	5	6	248	11	313	220	-0.74	2	-2.36	3	
CONCRETE FLOOR	10	-3	4	23	0.01	16	5	6	263	11	358	240	-0.74	2	-3.71	3	
CONCRETE FLOOR	15	-3	4	23	0.02	16	4	6	262	11	348	230	-0.74	2	-3.71	3	
CONCRETE FLOOR	18	-3	4	23	0.01	16	1	6	288	11	329	250	0.76	2	-2.36	3	
CONCRETE FLOOR	10	-9	4	23	0.01	16	2	6	255	11	334	230	-0.74	2	7.08	3	
CONCRETE FLOOR	12	-9	4	23	0.01	16	6	6	251	11	355	260	-0.74	2	-1.01	3	
CONCRETE FLOOR	14	-9	4	23	0.01	16	1	6	263	11	322	240	-0.74	2	8.43	3	
CONCRETE FLOOR	16	-9	4	23	0.01	16	1	6	260	11	414	250		2		3	

LB5100-W Low Background Counting System – Smear Analysis

Date: 4/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-223.XLD
 Batch Ended: 4/5/95 12:16
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-31-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
43	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	4/5/95 12:01
44	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/5/95 12:03
45	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/5/95 12:05
46	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/5/95 12:07
47	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	4/5/95 12:09
48	-0.738	1.50	<MDA	7.53	7.08	4.06	<AL	12.28	2.00	-0.246	2.63	4/5/95 12:11
49	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/5/95 12:14
50	-0.738	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	-0.246	3.13	4/5/95 12:16

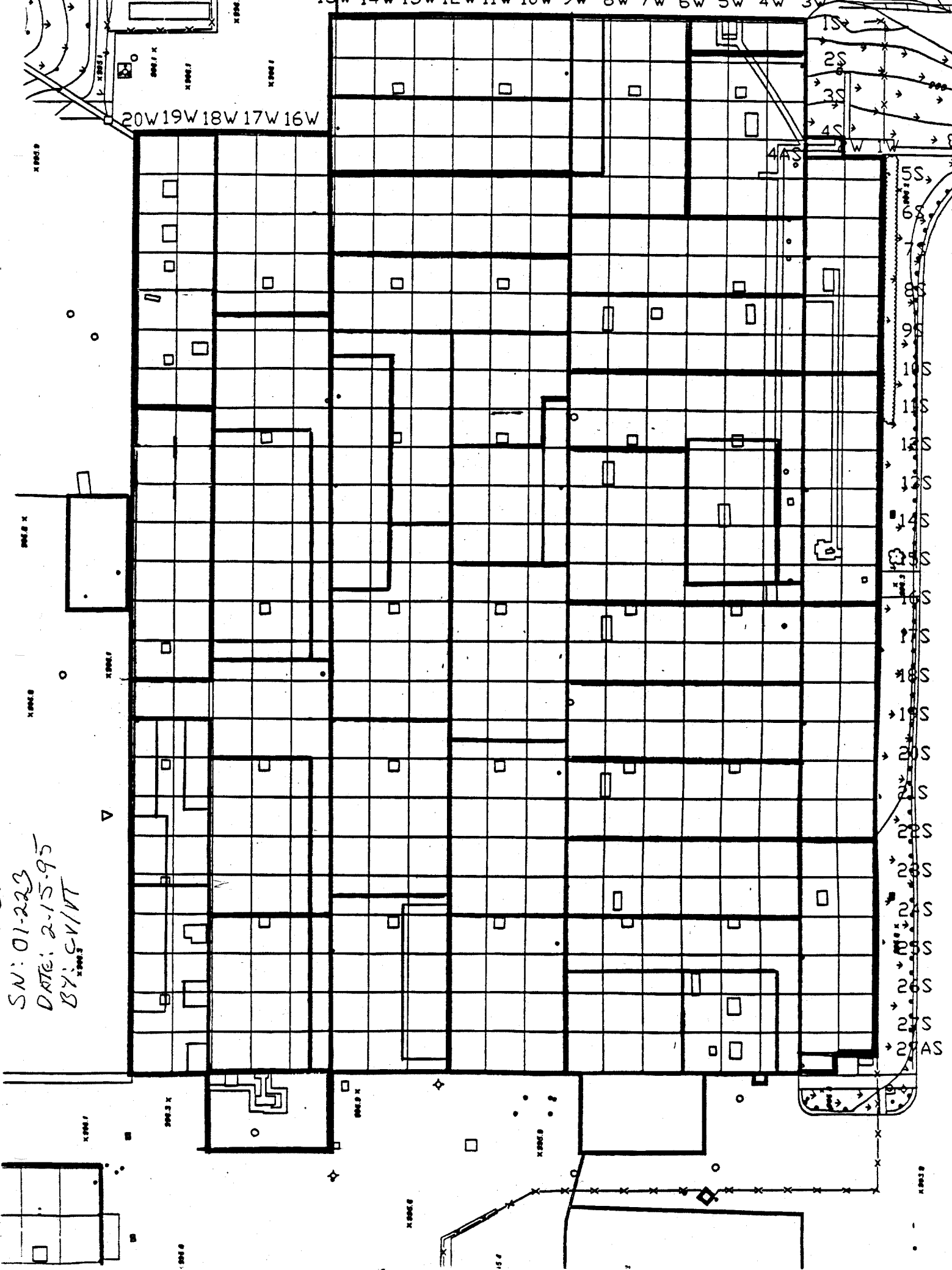
Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-31-1
SN: 01-223
DATE: 2-15-95
BY: C-V/VT

20W 19W 18W 17W 16W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS



Blairsville Point Survey Form #003

Survey Serial #:	01-224
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	31
--------------	----

Survey Sub-unit:	2
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/15/95
--------------	---------

Count Date:	5/11/95
-------------	---------


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	241

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type
234	23	4	Gamma
5242	16	0.01	Beta / Gamma

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR / C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CONCRETE FLOOR	2	-3	4	23	0.01	16	4	6	247	11	319	240	0.76	2	8.43	3	
CONCRETE FLOOR	8	-4	4	23	0.015	16	6	6	275	11	395	240	-0.74	2	1.69	3	
CONCRETE FLOOR	12	-4	4	23	0.01	16	2	6	177	11	342	210	0.76	2	-1.01	3	
CONCRETE FLOOR	10	-10	4	23	0.01	16	8	6	260	11	345	240	-0.74	2	5.73	3	
CONCRETE FLOOR	12	-10	4	23	0.01	16	2	6	278	11	299	210	-0.74	2	-5.06	3	
CONCRETE FLOOR	12	-6	3	23	0.01	16	1	6	209	11	339	230	-0.74	2	0.34	3	

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/11/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-224.XLD
 Batch Ended: 5/11/95 10:02
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: 37287

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
31	0.760	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	0.254	3.13	5/11/95 9:51
32	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 9:53
33	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/11/95 9:56
34	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	5/11/95 9:58
35	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/11/95 10:00
36	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 10:02

Blairsville Point Survey Form #003

Survey Serial #:	01-225
------------------	--------

Survey Section:	1
Survey Unit:	24A
Survey Sub-unit:	2

Classification:	4
Survey Type:	LOWER

Survey Date:	2/15/95
Count Date:	5/11/95


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	229

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	1	6	209	11	342	220	0.76	2	-3.71	3	NORTH WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	4	6	216	11	314	210	0.76	2	0.34	3	NORTH WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	3	6	201	11	283	190	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	0	6	212	11	288	180	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	5	0.5	N/A	N/A	N/A	N/A	1	6	227	11	316	220	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	7	2	N/A	N/A	N/A	N/A	0	6	234	11	296	180	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	1	6	218	11	284	220	0.76	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	3	2	N/A	N/A	N/A	N/A	2	6	242	11	320	230	-0.74	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	1	6	259	11	413	260	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	0	6	265	11	347	240	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	1	6	259	11	315	260	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	3	6	246	11	312	210	-0.74	2	-1.01	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/11/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-225.XLD
 Batch Ended: 5/11/95 10:29
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: 1-24A-2

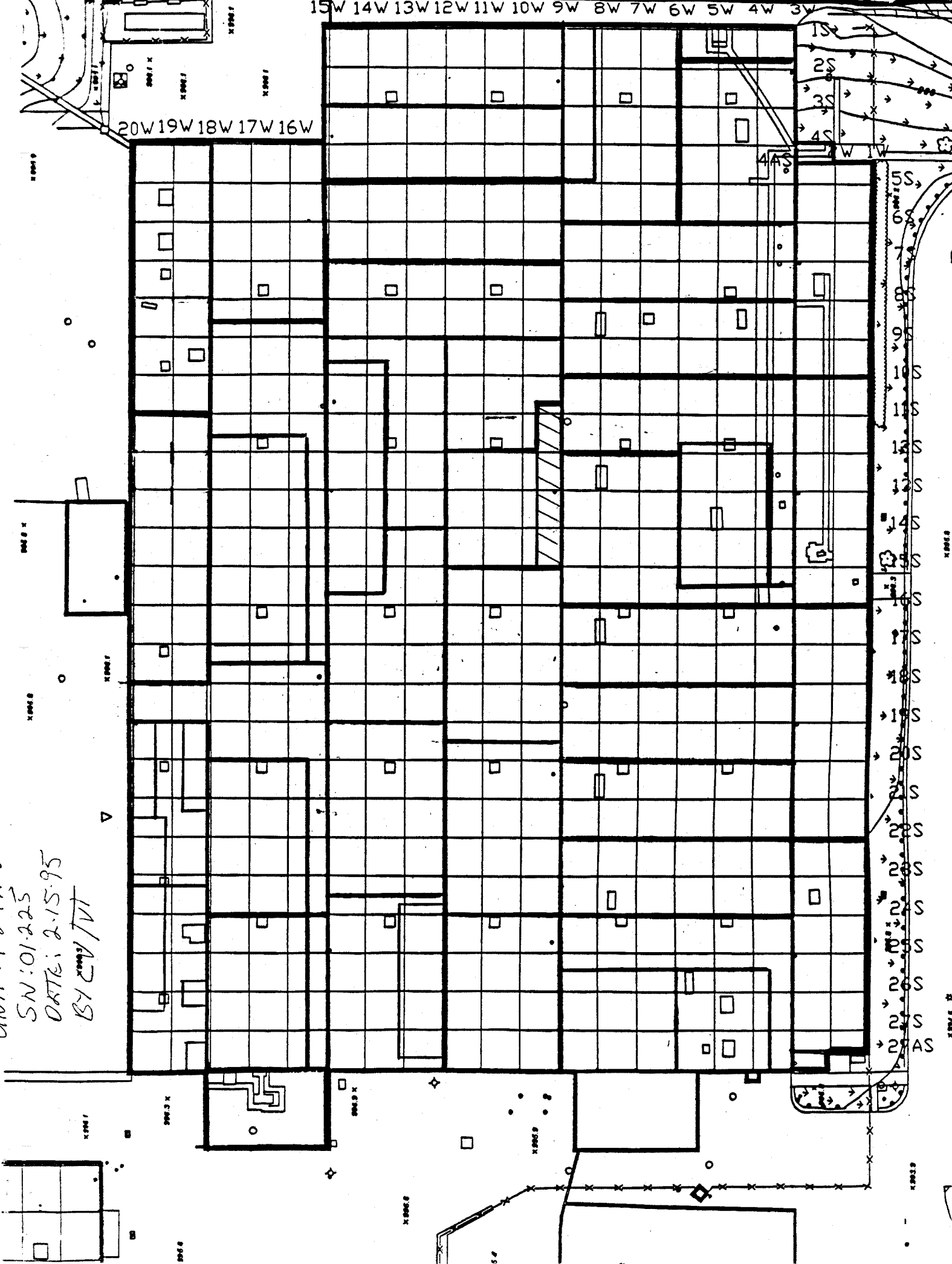
Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
37	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/11/95 10:04
38	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/11/95 10:07
39	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 10:09
40	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 10:11
41	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 10:13
42	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 10:15
43	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/11/95 10:18
44	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 10:20
45	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 10:22
46	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 10:24
47	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 10:26
48	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 10:29

UN11: 1-24A-2
SN: 01-225
DATE: 2-15-95
BY: [signature]

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

20W 19W 18W 17W 16W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS



Blairsville Point Survey Form #003

Survey Serial #:	01-226
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	24A
--------------	-----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/15/95
--------------	---------

Count Date:	5/11/95
-------------	---------

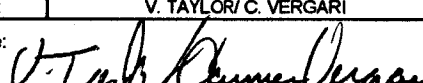
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	253

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	5	N/A	N/A	N/A	N/A	1	6	202	11	259	170	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	2.3	5	N/A	N/A	N/A	N/A	0	6	241	11	280	230	2.26	2	0.34	3	EAST WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	1	6	194	11	282	190	0.76	2	4.39	3	EAST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	1	6	200	11	269	210	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	5	1.5	N/A	N/A	N/A	N/A	1	6	171	11	244	190	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	2	6	197	11	314	180	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	2	6	182	11	267	170	-0.74	2	3.04	3	EAST WALL
PAINTED BLOCK	8	1.5	N/A	N/A	N/A	N/A	1	6	191	11	311	160	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	1	6	193	11	263	190	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	10	1.5	N/A	N/A	N/A	N/A	1	6	202	11	291	180	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	12	1	N/A	N/A	N/A	N/A	1	6	207	11	275	210	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	13	0.5	N/A	N/A	N/A	N/A	2	6	200	11	252	180	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	14	1	N/A	N/A	N/A	N/A	2	6	195	11	285	160	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	16	0.5	N/A	N/A	N/A	N/A	0	6	222	11	225	190	-0.74	2	4.39	3	EAST WALL
PAINTED BLOCK	0.5	1	N/A	N/A	N/A	N/A	0	6	239	11	335	250	-0.74	2	-1.01	3	SOUTH WALL #1
PAINTED BLOCK	3.5	1.5	N/A	N/A	N/A	N/A	1	6	229	11	293	240	-0.74	2	3.04	3	SOUTH WALL #1
PAINTED BLOCK	9	1.5	N/A	N/A	N/A	N/A	0	6	322	11	383	280	-0.74	2	1.69	3	SOUTH WALL #2
PAINTED BLOCK	10.3	0.5	N/A	N/A	N/A	N/A	3	6	276	11	426	250	-0.74	2	1.69	3	SOUTH WALL #2

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/11/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-226.XLD
 Batch Ended: 5/11/95 11:08
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

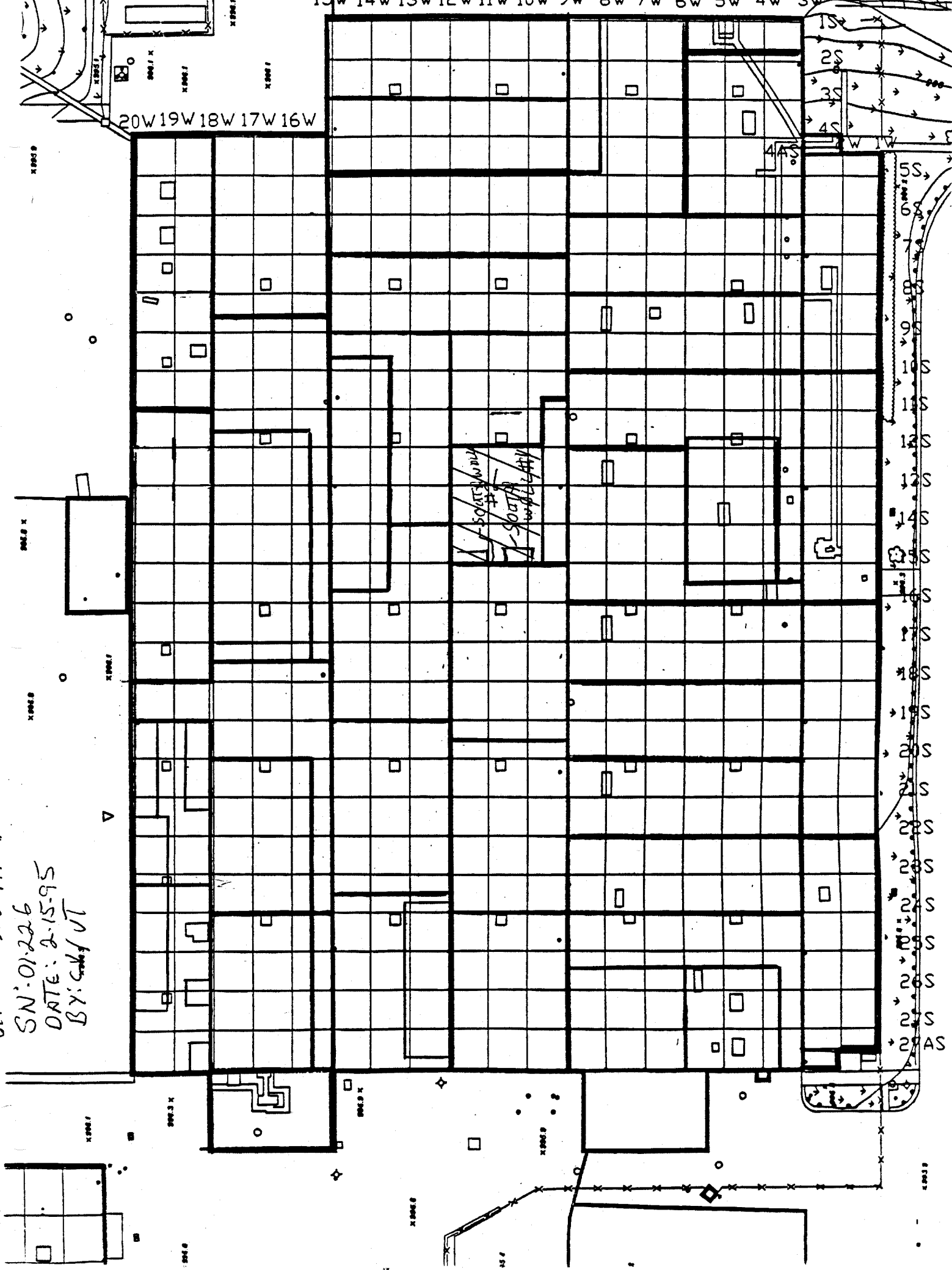
Batch ID: 1-24A-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
49	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 10:31
50	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/11/95 10:33
51	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/11/95 10:35
52	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 10:37
53	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/11/95 10:40
54	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 10:42
55	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/11/95 10:44
56	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 10:46
57	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 10:48
58	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/11/95 10:51
59	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 10:53
60	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 10:55
61	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 10:57
62	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/11/95 10:59
63	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 11:01
64	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/11/95 11:04
65	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 11:06
66	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 11:08

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-24A-1
SN: 01-226
DATE: 2-15-95
BY: GML/UT



Blairsville Point Survey Form #003

Survey Serial #:	01-227
------------------	--------

Survey Section:	1
Survey Unit:	23
Survey Sub-unit:	1

Classification:	4
Survey Type:	LOWER

Survey Date:	2/16/95
Count Date:	5/11/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	207

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	N. TAYLOR/ C. VERGARI
Signature:	<i>N. Taylor C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	1	6	267	11	352	260	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	10	1.5	N/A	N/A	N/A	N/A	2	6	301	11	333	260	-0.74	2	-3.71	3	NORTH WALL
PAINTED BLOCK	12	0.5	N/A	N/A	N/A	N/A	2	6	306	11	388	270	0.76	2	-5.06	3	NORTH WALL
PAINTED BLOCK	14	1.5	N/A	N/A	N/A	N/A	1	6	242	11	295	200	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	16	0.5	N/A	N/A	N/A	N/A	3	6	209	11	300	190	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	18	0.5	N/A	N/A	N/A	N/A	0	6	191	11	288	160	0.76	2	1.69	3	NORTH WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	0	6	196	11	326	220	-0.74	2	3.04	3	EAST WALL
PAINTED BLOCK	5.5	1.5	N/A	N/A	N/A	N/A	1	6	207	11	264	200	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	1	6	199	11	249	160	-0.74	2	4.39	3	EAST WALL
PAINTED BLOCK	8	0.5	N/A	N/A	N/A	N/A	2	6	181	11	244	160	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	10	1.5	N/A	N/A	N/A	N/A	2	6	184	11	261	160	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	12	1	N/A	N/A	N/A	N/A	0	6	202	11	308	190	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	14	1	N/A	N/A	N/A	N/A	4	6	212	11	291	180	0.76	2	1.69	3	EAST WALL
PAINTED BLOCK	16	1.5	N/A	N/A	N/A	N/A	2	6	182	11	284	160	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	19	1	N/A	N/A	N/A	N/A	1	6	202	11	270	170	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	22	0.5	N/A	N/A	N/A	N/A	1	6	184	11	261	150	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	25	0.5	N/A	N/A	N/A	N/A	1	6	177	11	259	180	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	27	1.5	N/A	N/A	N/A	N/A	5	6	206	11	258	180	2.26	2	-2.36	3	EAST WALL
PAINTED BLOCK	11	0.4	N/A	N/A	N/A	N/A	3	6	243	11	305	210	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	13	0.4	N/A	N/A	N/A	N/A	1	6	264	11	398	265	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	14	0.4	N/A	N/A	N/A	N/A	0	6	236	11	329	220	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	16	0.4	N/A	N/A	N/A	N/A	2	6	224	11	258	190	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	18	0.4	N/A	N/A	N/A	N/A	3	6	231	11	276	230	0.76	2	-5.06	3	WEST WALL

Blairsville Point Survey Form #003

Survey Serial #:	01-227
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	23
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/16/95
--------------	---------

Count Date:	5/11/95
-------------	---------


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	207

Gamma or Beta/Gamma Instruments			
Inst	Inst		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	20	0.4	N/A	N/A	N/A	N/A	1	6	239	11	327	230	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	22	0.4	N/A	N/A	N/A	N/A	3	6	259	11	291	220	-0.74	2	-2.36	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/11/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-227.XLD
 Batch Ended: 5/11/95 9:49
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: 36914

Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count	Alpha	Beta	Completion
time (min)	CPM	CPM	Date - Time
2.00	-0.246	-0.88	5/11/95 8:56
2.00	-0.246	-1.38	5/11/95 8:58
2.00	0.254	-1.88	5/11/95 9:01
2.00	-0.246	-0.88	5/11/95 9:03
2.00	-0.246	0.13	5/11/95 9:05
2.00	0.254	0.63	5/11/95 9:07
2.00	-0.246	1.13	5/11/95 9:09
2.00	-0.246	0.63	5/11/95 9:12
2.00	-0.246	1.63	5/11/95 9:14
2.00	-0.246	0.13	5/11/95 9:16
2.00	-0.246	-0.38	5/11/95 9:18
2.00	-0.246	0.13	5/11/95 9:20
2.00	0.254	0.63	5/11/95 9:23
2.00	0.254	0.13	5/11/95 9:25
2.00	-0.246	-0.88	5/11/95 9:27
2.00	0.254	-0.38	5/11/95 9:29
2.00	-0.246	0.13	5/11/95 9:31
2.00	0.754	-0.88	5/11/95 9:33
2.00	-0.246	-0.88	5/11/95 9:36
2.00	-0.246	-0.38	5/11/95 9:38
2.00	-0.246	-0.38	5/11/95 9:40
2.00	-0.246	-1.38	5/11/95 9:42
2.00	0.254	-1.88	5/11/95 9:45
2.00	-0.246	0.13	5/11/95 9:47

Carrier	Alpha Activity				Beta Activity			
	DPM	σ	flags	MDA	DPM	σ	flags	MDA
6	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28
7	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28
8	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28
9	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28
10	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
11	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28
12	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28
13	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28
14	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28
15	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
16	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
17	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
18	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28
19	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
20	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28
21	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
22	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28
23	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28
24	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28
25	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
26	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28
27	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28
28	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28
29	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/11/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-227.XLD
 Batch Ended: 5/11/95 9:49
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: 36914

Carrier	Alpha Activity			
	DPM	σ	flags	MDA
30	-0.738	1.50	<MDA	7.53

	Beta Activity			
	DPM	σ	flags	MDA
	-2.36	1.92	<MDA	12.28

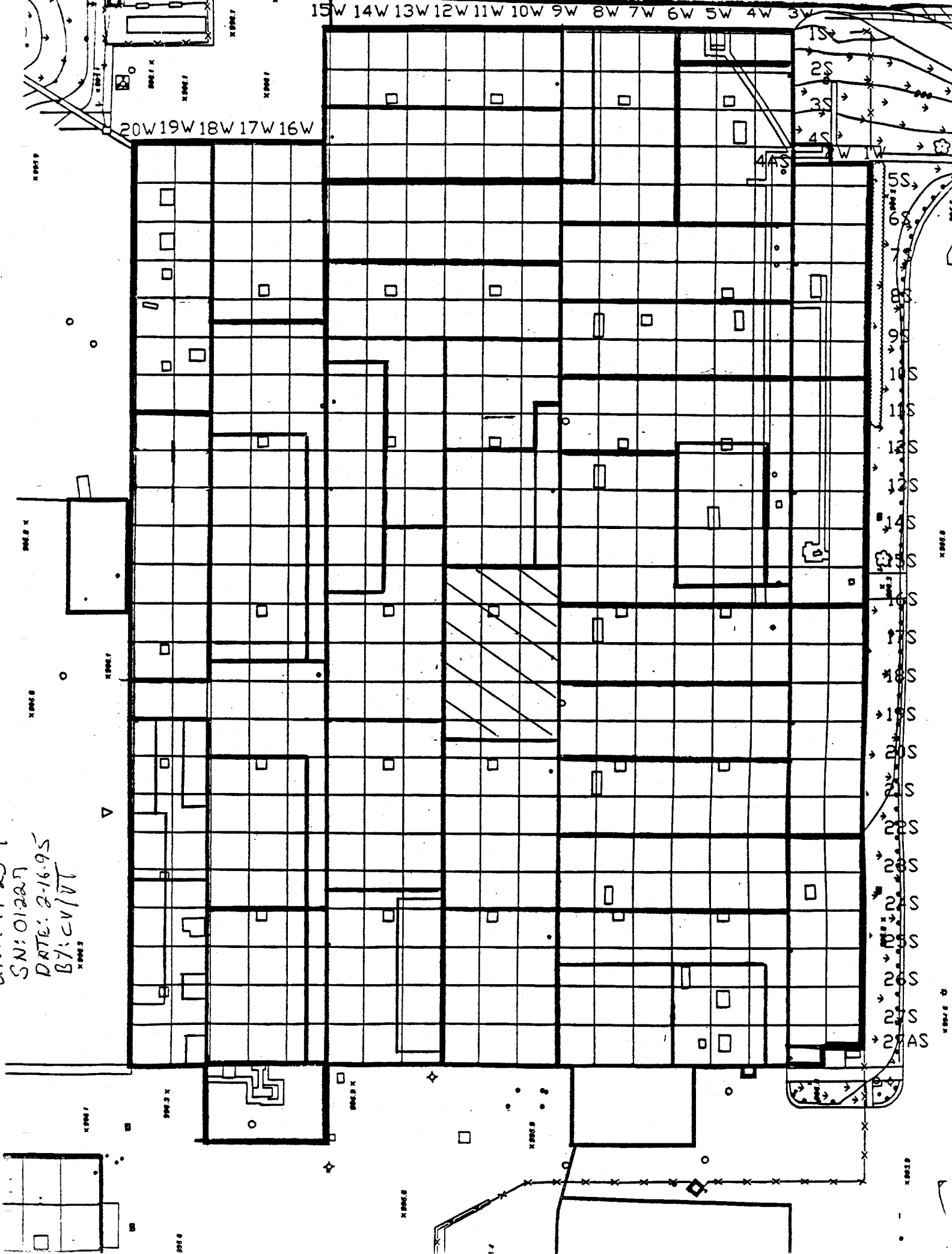
Alpha efficiency log file: th230ab			
Alpha Efficiency: 33.37%			
Alpha to Beta Crosstalk: 24.79%			
Alpha Background (CPM): 0.246428571			
Alpha Correction Factor: 1.000			
Beta efficiency log file: tc99ab			
Beta Efficiency: 37.06%			
Beta into Alpha Crosstalk: 0.03%			
Beta Background (CPM): 1.875			
Beta Correction Factor: 1.000			
Count	Alpha	Beta	Completion
time (min)	CPM	CPM	Date - Time
2.00	-0.246	-0.88	5/11/95 9:49

UNIT: 1-23-1
SN: 01227
DATE: 2-16-95
BY: CV/VT

20W 19W 18W 17W 16W

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS



Blairsville Point Survey Form #003

Survey Serial #: 01-228

Survey Section: 1

Survey Unit: 22

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/16/95

Count Date: 5/11/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	207

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/C. VERGARI
Signature: *V. Taylor/C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma	Beta/Gamma	Beta/Gamma	Contact Gross	Alpha	Contact Gross	Beta	Scan Contact		Removable	Alpha	Removable	Beta	Comments
	X	Y	uR/hr	Inst. Code	Contact mR/hr	Code	1 min. Count Alpha	Inst. Code	1 min. Count Beta	Inst. Code	Max Beta	Avg Beta	DPM/100 cm2 Alpha	Count Code	DPM/100 cm2 Beta	Count Code	
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	3	6	195	11	264	190	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	3	0.5	N/A	N/A	N/A	N/A	3	6	216	11	252	190	0.76	2	5.73	3	EAST WALL
PAINTED BLOCK	5	1.5	N/A	N/A	N/A	N/A	0	6	196	11	260	200	0.76	2	-2.36	3	EAST WALL
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	1	6	183	11	211	160	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	2	6	199	11	254	200	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	10	1.5	N/A	N/A	N/A	N/A	2	6	195	11	234	170	0.76	2	-5.06	3	EAST WALL
PAINTED BLOCK	11	1	N/A	N/A	N/A	N/A	3	6	210	11	244	170	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	12	0.5	N/A	N/A	N/A	N/A	1	6	226	11	244	190	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	13	1.5	N/A	N/A	N/A	N/A	2	6	217	11	344	210	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	15	1.5	N/A	N/A	N/A	N/A	0	6	167	11	277	150	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	20	1.5	N/A	N/A	N/A	N/A	1	6	143	11	250	160	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	22	0.5	N/A	N/A	N/A	N/A	1	6	187	11	249	160	-0.74	2	3.04	3	EAST WALL
PAINTED BLOCK	26	1	N/A	N/A	N/A	N/A	1	6	197	11	246	170	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	19	1	N/A	N/A	N/A	N/A	0	6	199	11	246	180	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	21	2	N/A	N/A	N/A	N/A	4	6	194	11	259	170	-0.74	2	4.39	3	EAST WALL
PAINTED BLOCK	21	2	N/A	N/A	N/A	N/A	4	6	194	11	259	170		2		3	EAST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/11/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-228.XLD
 Batch Ended: 5/11/95 11:41
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: 36913

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
67	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 11:10
68	0.760	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	0.254	2.13	5/11/95 11:13
69	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/11/95 11:15
70	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/11/95 11:17
71	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 11:19
72	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/11/95 11:21
73	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 11:24
74	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 11:26
75	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 11:28
76	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 11:30
77	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 11:32
78	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/11/95 11:34
79	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 11:37
80	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 11:39
81	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/11/95 11:41

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

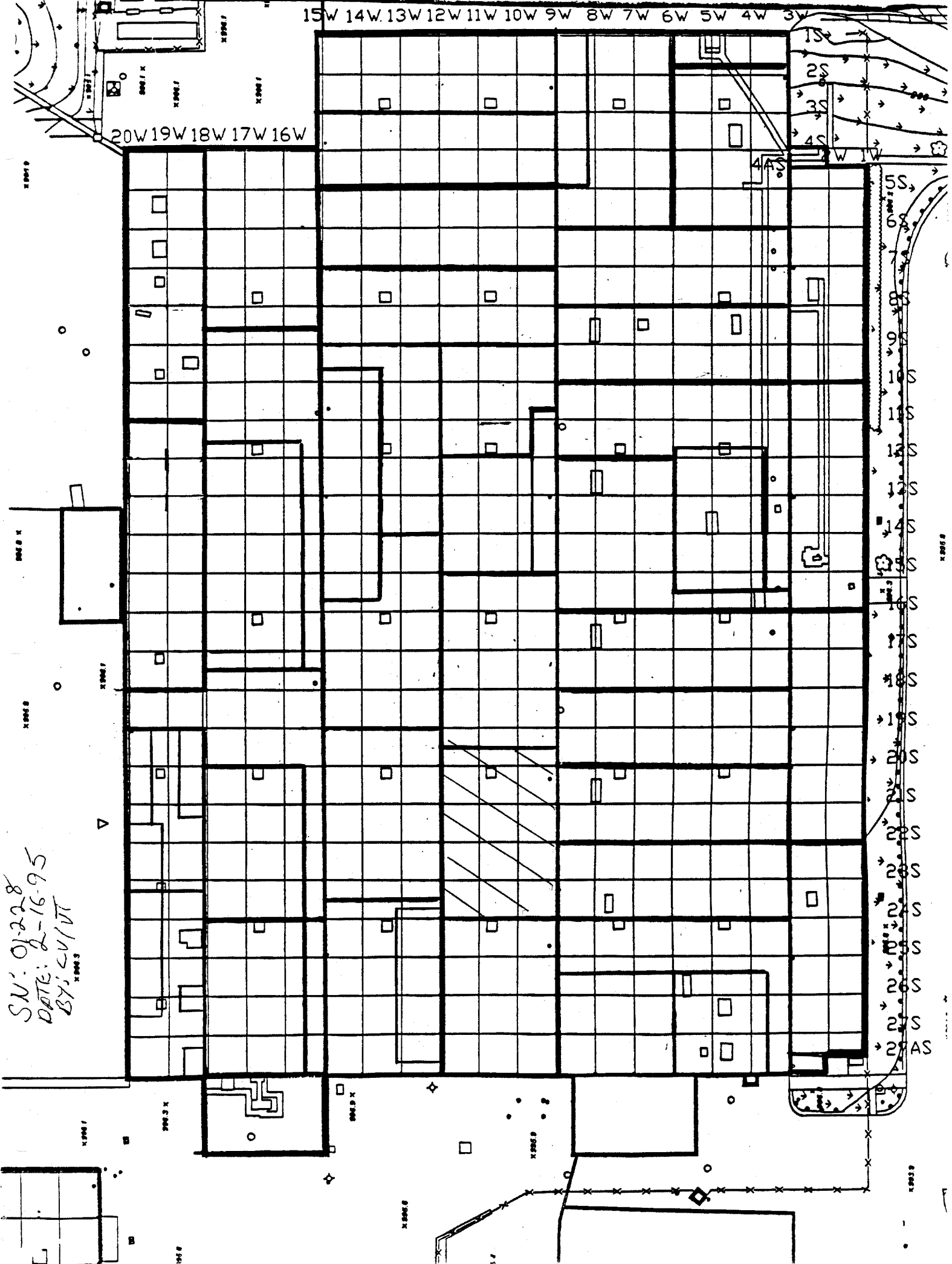
Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

20W 19W 18W 17W 16W



SN: 01-22-8
DATE: 2-16-95
BY: C.V./JT

Blairsville Point Survey Form #003

Survey Serial #:	01-229
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	21
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/16/95
--------------	---------

Count Date:	5/11/95
-------------	---------

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	184

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
-----------	-----------------------

Signature: *V. Taylor*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	1	6	198	11	276	190	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	2	2	N/A	N/A	N/A	N/A	3	6	191	11	245	170	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	4	2	N/A	N/A	N/A	N/A	0	6	188	11	294	190	0.76	2	-2.36	3	EAST WALL
PAINTED BLOCK	5.5	1	N/A	N/A	N/A	N/A	2	6	184	11	215	180	0.76	2	1.69	3	EAST WALL
PAINTED BLOCK	7.5	2	N/A	N/A	N/A	N/A	1	6	185	11	228	160	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	9.5	1.5	N/A	N/A	N/A	N/A	0	6	201	11	315	220	0.76	2	3.04	3	EAST WALL
PAINTED BLOCK	11.5	0.5	N/A	N/A	N/A	N/A	2	6	202	11	275	180	2.26	2	0.34	3	EAST WALL
PAINTED BLOCK	13	1.5	N/A	N/A	N/A	N/A	3	6	221	11	283	190	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	16	0.5	N/A	N/A	N/A	N/A	2	6	199	11	300	200	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	17	1	N/A	N/A	N/A	N/A	4	6	221	11	274	210	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	2	6	203	11	270	200	-0.74	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	5	1.5	N/A	N/A	N/A	N/A	2	6	168	11	373	190	0.76	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	7	2	N/A	N/A	N/A	N/A	0	6	201	11	275	210	0.76	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	11	1	N/A	N/A	N/A	N/A	3	6	207	11	259	160	-0.74	2	0.34	3	SOUTH WALL
PAINTED BLOCK	16	0.5	N/A	N/A	N/A	N/A	3	6	180	11	245	200	2.26	2	-1.01	3	SOUTH WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-229.XLD
 Batch Ended: 5/11/95 12:14
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: 36912

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
82	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 11:43
83	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 11:46
84	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/11/95 11:48
85	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/11/95 11:50
86	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/11/95 11:52
87	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/11/95 11:54
88	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/11/95 11:56
89	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 11:59
90	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:01
91	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:03
92	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 12:05
93	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/11/95 12:07
94	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/11/95 12:10
95	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:12
96	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/11/95 12:14

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

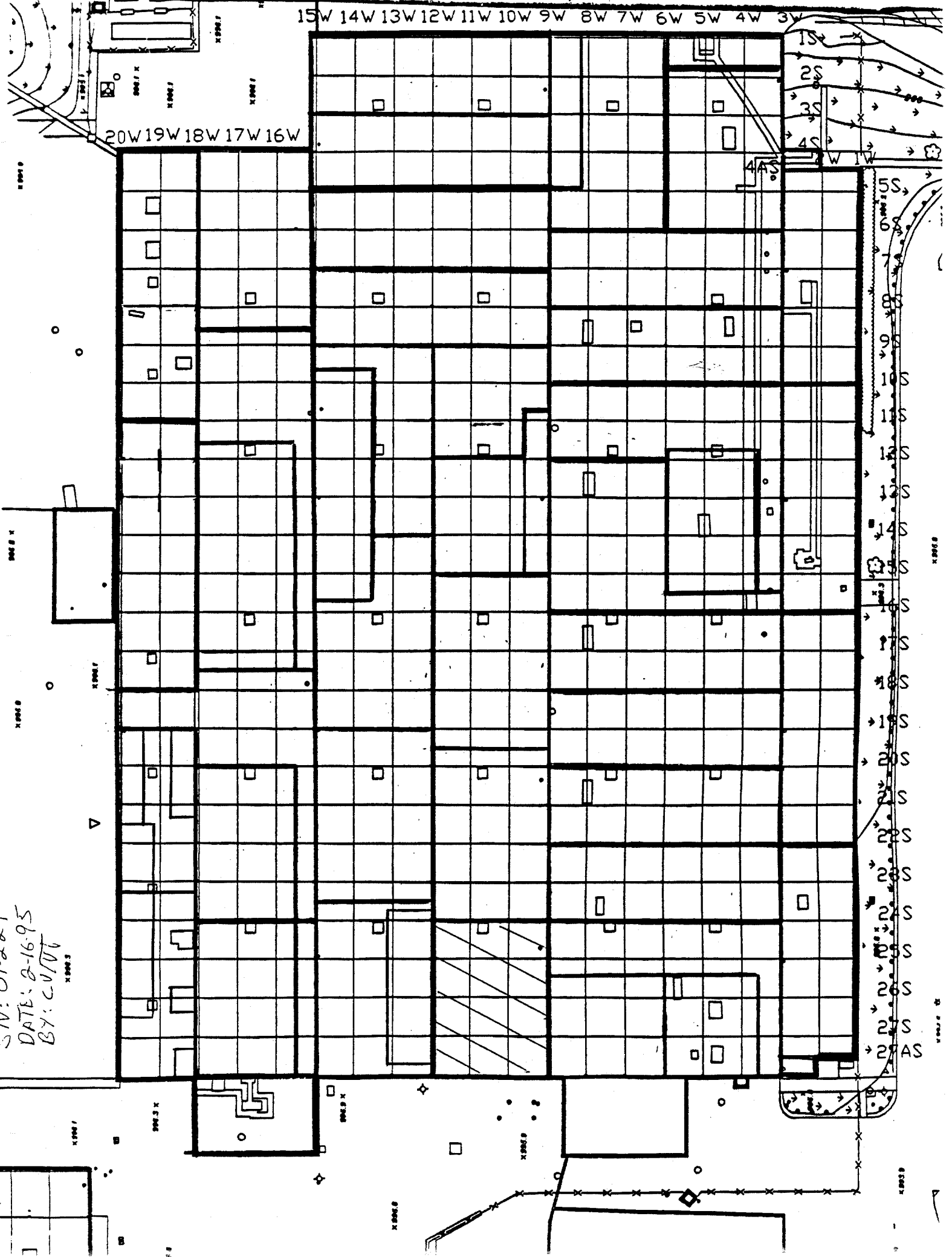
Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

SN: 01-224
DATE: 2-16-95
BY: CV/TG



Blairsville Point Survey Form #003

Survey Serial #: 01-230

Survey Section: 1

Survey Unit: 27

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/20/95

Count Date: 5/11/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	241

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI

Signature: *V. Taylor*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	0	6	221	11	404	200	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	2	6	237	11	326	250	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	3	6	229	11	314	230	-0.74	2	-3.71	3	NORTH WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	2	6	245	11	364	230	-0.74	2	-3.71	3	NORTH WALL
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	1	6	227	11	326	210	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	8.5	1.5	N/A	N/A	N/A	N/A	4	6	221	11	303	230	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	5	6	243	11	289	240	5.25	2	-2.36	3	WEST WALL
PAINTED BLOCK	3	0.5	N/A	N/A	N/A	N/A	1	6	225	11	272	220	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	4	0.5	N/A	N/A	N/A	N/A	4	6	238	11	354	240	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	2	6	229	11	351	230	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	2	6	221	11	391	200	-0.74	2	-5.06	3	WEST WALL
PAINTED BLOCK	7.3	1.5	N/A	N/A	N/A	N/A	2	6	272	11	334	260	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	1	6	243	11	320	250	-0.74	2	-5.06	3	WEST WALL
PAINTED BLOCK	10	1.5	N/A	N/A	N/A	N/A	4	6	242	11	290	240	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	11	1	N/A	N/A	N/A	N/A	6	6	272	11	333	250	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	13	0.5	N/A	N/A	N/A	N/A	2	6	270	11	294	230	0.76	2	-2.36	3	WEST WALL
PAINTED BLOCK	14	1	N/A	N/A	N/A	N/A	1	6	228	11	348	240	0.76	2	-5.06	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-230.XLD
 Batch Ended: 5/11/95 12:54
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

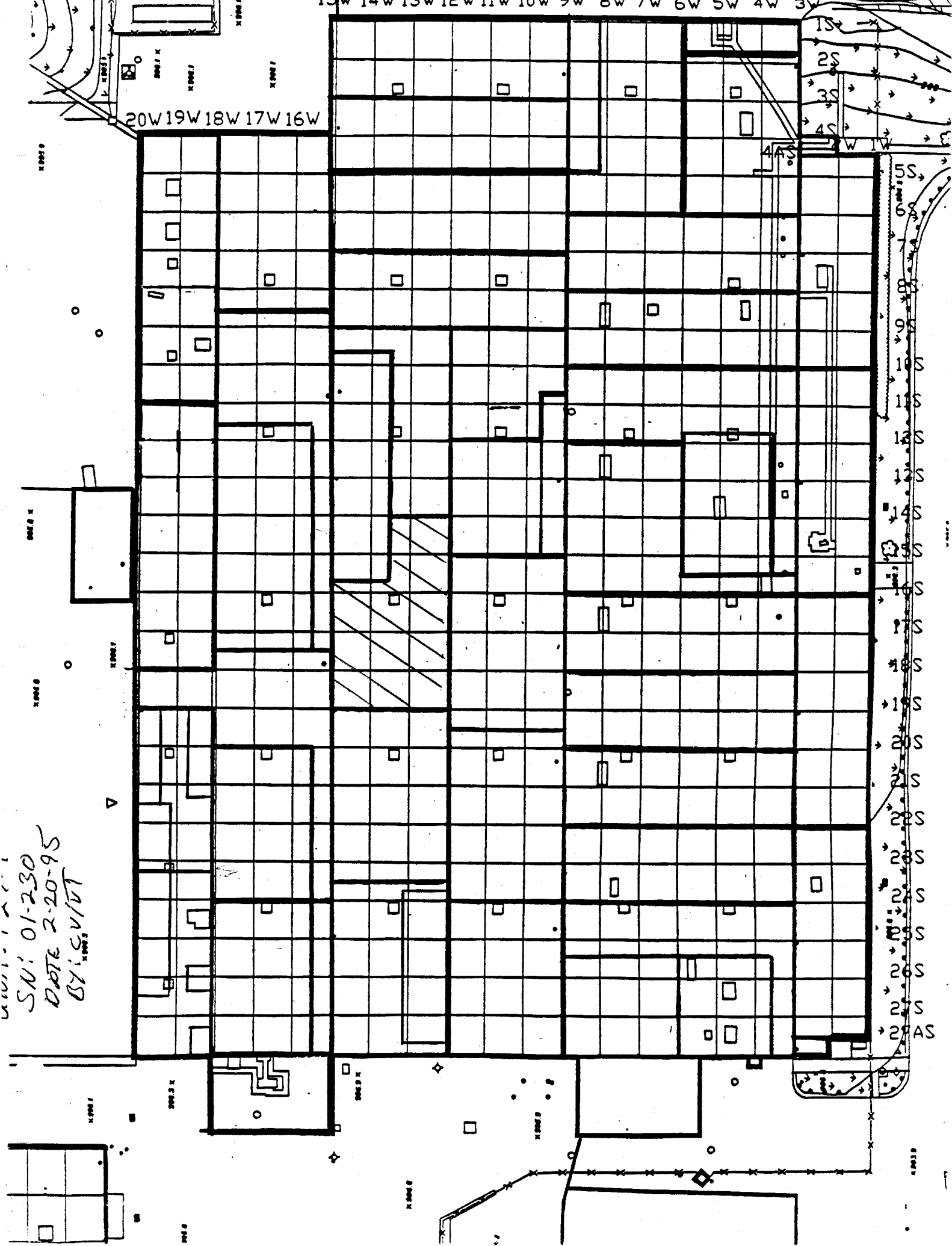
Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: 36918 *1-27-1 YSB 5-17-95*

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
97	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:16
98	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:19
99	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 12:21
100	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 12:23
1	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:25
2	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 12:27
3	5.254	3.00	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	1.754	-0.88	5/11/95 12:29
4	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 12:32
5	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 12:34
6	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:36
7	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/11/95 12:38
8	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 12:41
9	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/11/95 12:43
10	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 12:45
11	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 12:47
12	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/11/95 12:49
13	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/11/95 12:51
14	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 12:54

SN: 01-230
DATE 2-20-95
BY: C.V/UT



Blairsville Point Survey Form #003

Survey Serial #: 01-231

Survey Section: 1

Survey Unit: 29

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/20/95

Count Date: 5/11/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	241

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor / C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	1	6	255	11	300	240	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	2.5	1	N/A	N/A	N/A	N/A	3	6	254	11	279	240	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	5	6	229	11	334	220	0.76	2	-3.71	3	WEST WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	0	6	243	11	300	210	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	9	1	N/A	N/A	N/A	N/A	3	6	222	11	340	240	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	11	1.5	N/A	N/A	N/A	N/A	1	6	205	11	332	220	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	13	0.5	N/A	N/A	N/A	N/A	0	6	221	11	326	230	0.76	2	1.69	3	WEST WALL
PAINTED BLOCK	15	1	N/A	N/A	N/A	N/A	2	6	288	11	301	220	0.76	2	-2.36	3	WEST WALL
PAINTED BLOCK	17	1.5	N/A	N/A	N/A	N/A	2	6	251	11	256	220	-0.74	2	-5.06	3	WEST WALL
PAINTED BLOCK	19	0.5	N/A	N/A	N/A	N/A	2	6	226	11	365	240	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	3	6	225	11	298	230	-0.74	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	1	6	242	11	414	240	-0.74	2	1.69	3	SOUTH WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	2	6	273	11	317	220	0.76	2	0.34	3	SOUTH WALL
PAINTED BLOCK	7	1.5	N/A	N/A	N/A	N/A	1	6	219	11	284	230	0.76	2	-5.06	3	SOUTH WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	4	6	267	11	331	240	-0.74	2	5.73	3	SOUTH WALL

Date: 5/17/95
Counting Unit id: 1
Data file name: C:\BLX\UNIT1\B01-231.XLD
Batch Ended: 5/11/95 13:27
Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
Beta activity action level (DPM): 200.00
Certainty level for MDA and flags: 95.00%
High Voltage Setting: 1410

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

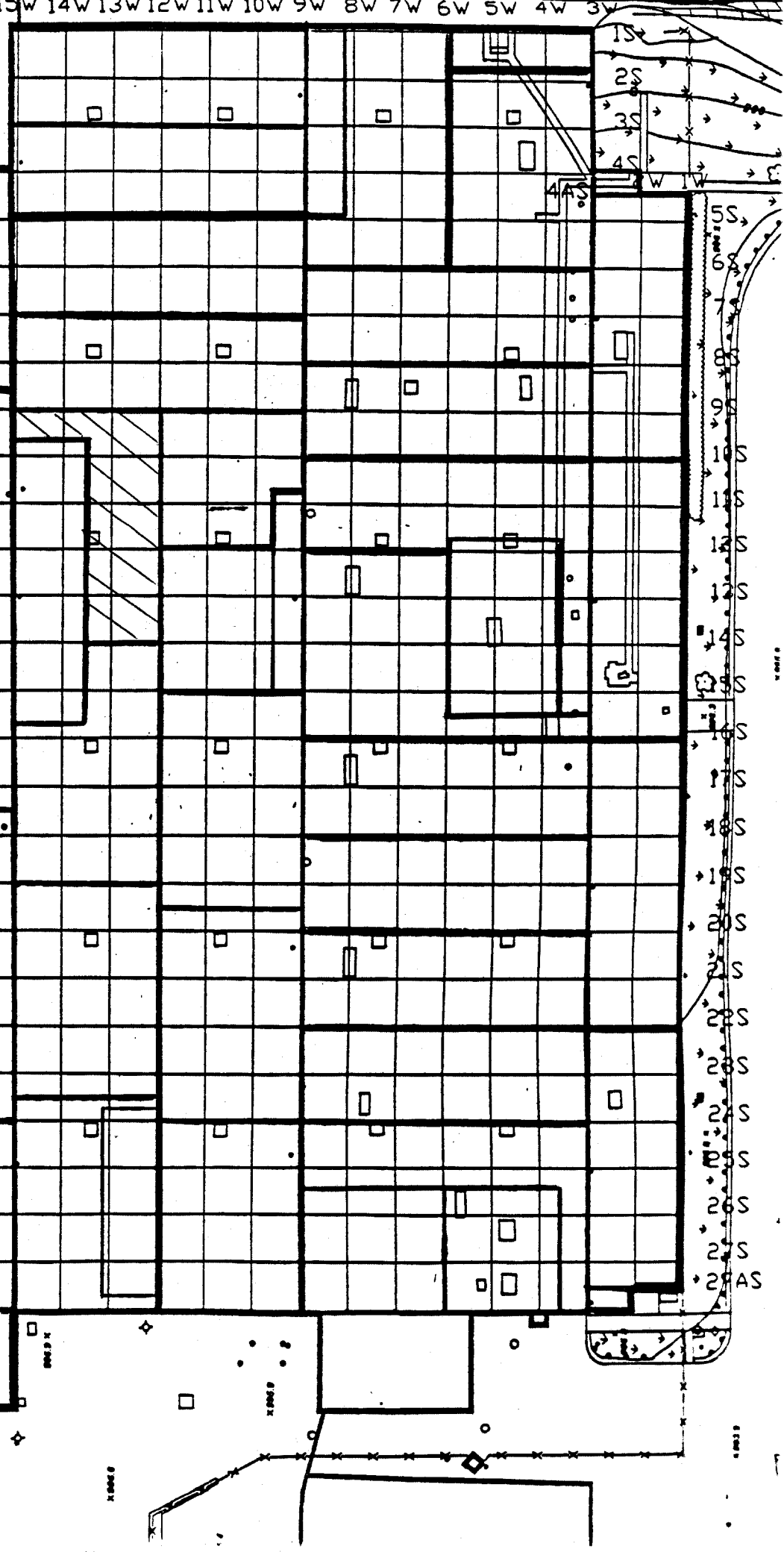
Batch ID: 36920

1-29-1 ^{YSD} 5-17-95

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
15	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 12:56
16	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 12:58
17	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/11/95 13:00
18	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 13:03
19	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 13:05
20	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 13:07
21	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/11/95 13:09
22	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/11/95 13:11
23	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/11/95 13:14
24	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 13:16
25	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 13:18
26	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 13:20
27	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/11/95 13:22
28	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/11/95 13:24
29	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	5/11/95 13:27

UNITS 1-2-3-4
SU: 01-231
DATE: 2-20-95
BY: C.V.V.T

20W 19W 18W 17W 16W



Blairsville Point Survey Form #003

Survey Serial #: 01-232

Survey Section: 1

Survey Unit: 28

Survey Sub-unit: 4

Classification: 4

Survey Type: LOWER

Survey Date: 2/20/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	5

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	224

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR / C. VERGARI
Signature: *V. Taylor / C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	0	6	277	11	372	280	-0.74	2	0.34	3	NORTH WALL #1
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	3	6	306	11	411	260	-0.74	2	-1.01	3	NORTH WALL #1
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	2	6	267	11	377	280	0.76	2	-3.71	3	EAST WALL #1
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	3	6	280	11	364	240	-0.74	2	1.69	3	EAST WALL #1
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	1	6	278	11	317	260	-0.74	2	3.04	3	EAST WALL #1
PAINTED BLOCK	5.5	1.5	N/A	N/A	N/A	N/A	4	6	247	11	338	220	0.76	2	-3.71	3	EAST WALL #1
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	4	6	285	11	359	270	-0.74	2	1.69	3	NORTH WALL #2
PAINTED BLOCK	1	1.5	N/A	N/A	N/A	N/A	3	6	264	11	294	250	0.76	2	-2.36	3	EAST WALL #2
PAINTED BLOCK	5.5	1	N/A	N/A	N/A	N/A	1	6	256	11	341	240	0.76	2	-3.71	3	EAST WALL #2
PAINTED BLOCK	13.6	0.5	N/A	N/A	N/A	N/A	1	6	269	11	358	280	0.76	2	-2.36	3	EAST WALL #2
PAINTED BLOCK	16	1.5	N/A	N/A	N/A	N/A	2	6	243	11	290	250	-0.74	2	-2.36	3	EAST WALL #2
PAINTED BLOCK	20	2	N/A	N/A	N/A	N/A	1	6	252	11	310	230	-0.74	2	4.39	3	EAST WALL #2
PAINTED BLOCK	2	2	N/A	N/A	N/A	N/A	3	6	226	11	288	210	0.76	2	0.34	3	SOUTH WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	3	6	253	11	329	240	-0.74	2	1.69	3	WEST WALL #2
PAINTED BLOCK	5	0.5	N/A	N/A	N/A	N/A	3	6	222	11	329	220	0.76	2	-5.06	3	WEST WALL #2
PAINTED BLOCK	6.7	1.5	N/A	N/A	N/A	N/A	0	6	263	11	334	230	-0.74	2	-2.36	3	WEST WALL #2
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	1	6	238	11	330	220	-0.74	2	0.34	3	WEST WALL #1
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	6	255	11	292	230	5.25	2	0.34	3	WEST WALL #1
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	3	6	250	11	291	230	2.26	2	1.69	3	WEST WALL #1
PAINTED BLOCK	14	1.5	N/A	N/A	N/A	N/A	4	6	285	11	317	260	0.76	2	-1.01	3	WEST WALL #1

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-232.XLD
 Batch Ended: 5/17/95 10:14
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-28-4

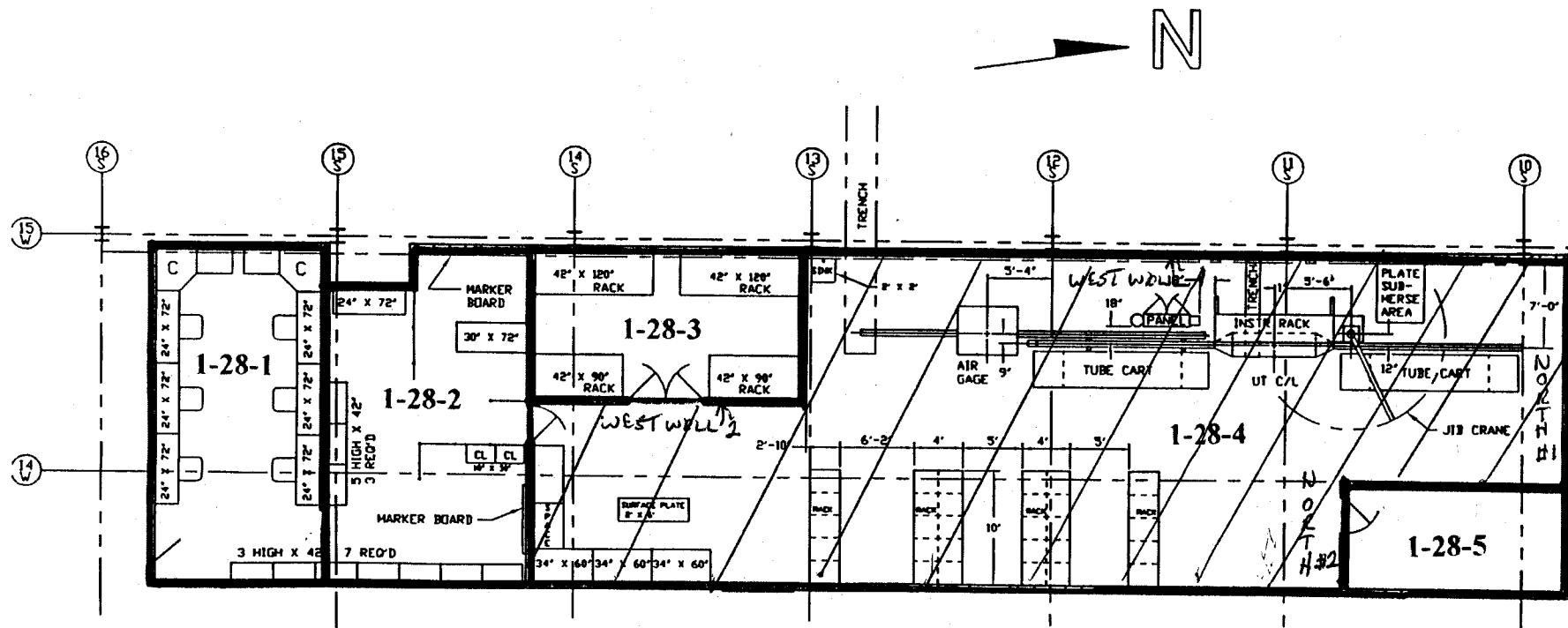
Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 9:32
2	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 9:35
3	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 9:37
4	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 9:39
5	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/17/95 9:41
6	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 9:43
7	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 9:45
8	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 9:48
9	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 9:50
10	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 9:52
11	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 9:54
12	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/17/95 9:57
13	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/17/95 9:59
14	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 10:01
15	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/17/95 10:03
16	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 10:05
17	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 10:07
18	5.254	3.00	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	1.754	0.13	5/17/95 10:10
19	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	5/17/95 10:12
20	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/17/95 10:14

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-28-4
SIN: 01-232
DATE: 2-20-95
BY: CV/VT

MAIN BUILDING UNIT 1-28



Blairsville Point Survey Form #003

Survey Serial #:	01-233
------------------	--------

Survey Section:	1
Survey Unit:	28
Survey Sub-unit:	5

Classification:	4
Survey Type:	LOWER

Survey Date:	2/20/95
Count Date:	5/11/95

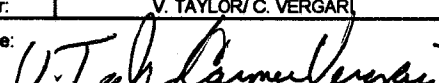
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	226

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	2	6	262	11	383	240	-0.74	2	3.04	3	NORTH WALL
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	2	6	274	11	333	260	0.76	2	-1.01	3	SOUTH WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-233.XLD
 Batch Ended: 5/11/95 13:31
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

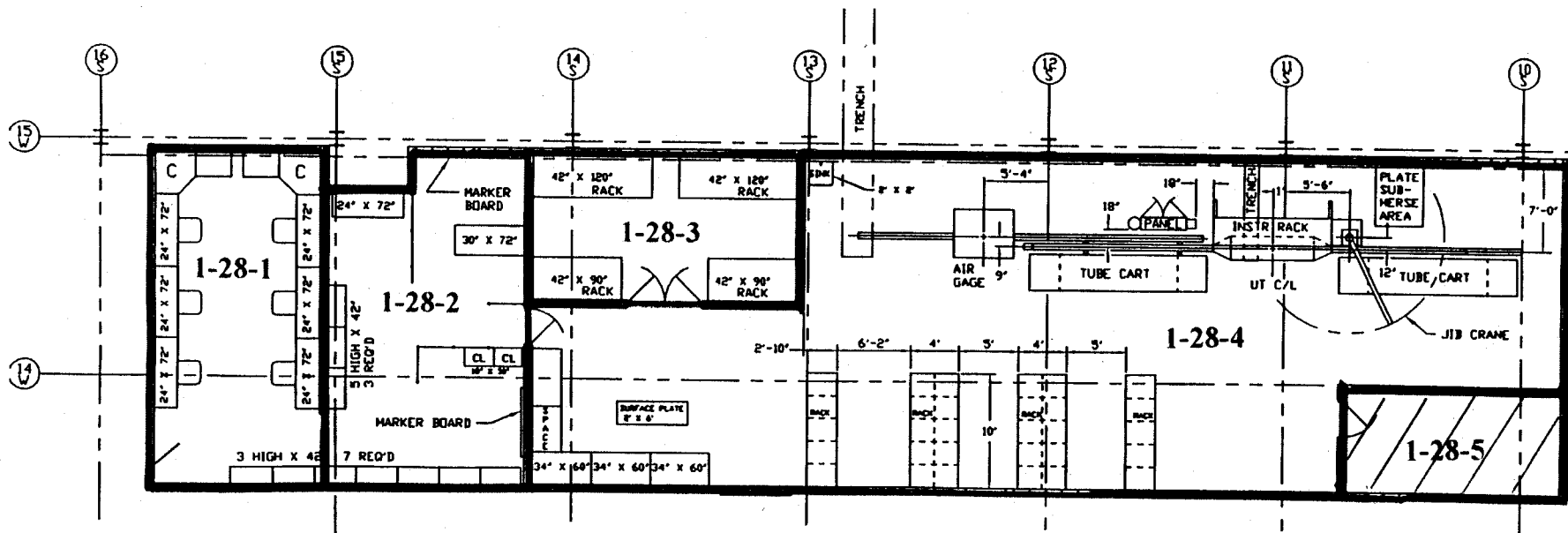
Batch ID: 38380

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
30	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/11/95 13:29
31	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/11/95 13:31

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000
 Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-28-5
 SIN: 01-233
 DATE: 2-20-95
 BY: CVTV

MAIN BUILDING UNIT 1-28



Blairsville Point Survey Form #003

Survey Serial #: 01-234

Survey Section: 1

Survey Unit: 26

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/20/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	278

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma
1522	22	0.014	Beta / Gamma

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor / Carmel Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED CONCRETE	5	-2	5	23	0.009	22	0	6	295	11	343	270	-0.74	2	0.34	3	FLOOR
PAINTED CONCRETE	10	-2	4	23	0.011	22	2	6	261	11	333	250	-0.74	2	3.04	3	FLOOR
PAINTED CONCRETE	12	-4	4	23	0.013	22	1	6	284	11	347	260	-0.74	2	3.04	3	FLOOR
PAINTED CONCRETE	13	-8	4	23	0.017	22	0	6	226	11	373	240	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	13	-12	4	23	0.015	22	1	6	294	11	343	270	-0.74	2	-2.36	3	FLOOR
PAINTED CONCRETE	1	-3	4	23	0.022	22	0	6	311	11	404	280	-0.74	2	-1.01	3	FLOOR
PAINTED CONCRETE	1	-5	4	23	0.012	22	1	6	269	11	396	250	-0.74	2	-1.01	3	FLOOR
PAINTED CONCRETE	1	-7	4	23	0.016	22	3	6	246	11	313	240	0.76	2	-3.71	3	FLOOR
PAINTED CONCRETE	-1	-7	4	23	0.004	22	1	6	272	11	325	270	2.26	2	-1.01	3	FLOOR
PAINTED CONCRETE	-2	-7	4	23	0.009	22	2	6	276	11	345	250	2.26	2	-1.01	3	FLOOR
PAINTED CONCRETE	0	-12	5	23	0.011	22	2	6	283	11	321	260	0.76	2	-1.01	3	FLOOR
PAINTED CONCRETE	0	-16	4	23	0.013	22	0	6	283	11	279	240	-0.74	2	-1.01	3	FLOOR
PAINTED CONCRETE	0	-18	4	23	0.015	22	1	6	307	11	367	290	-0.74	2	3.04	3	FLOOR
PAINTED CONCRETE	0	20	4	23	0.013	22	0	6	260	11	342	230	0.76	2	-3.71	3	FLOOR

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-234.XLD
 Batch Ended: 5/17/95 10:45
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

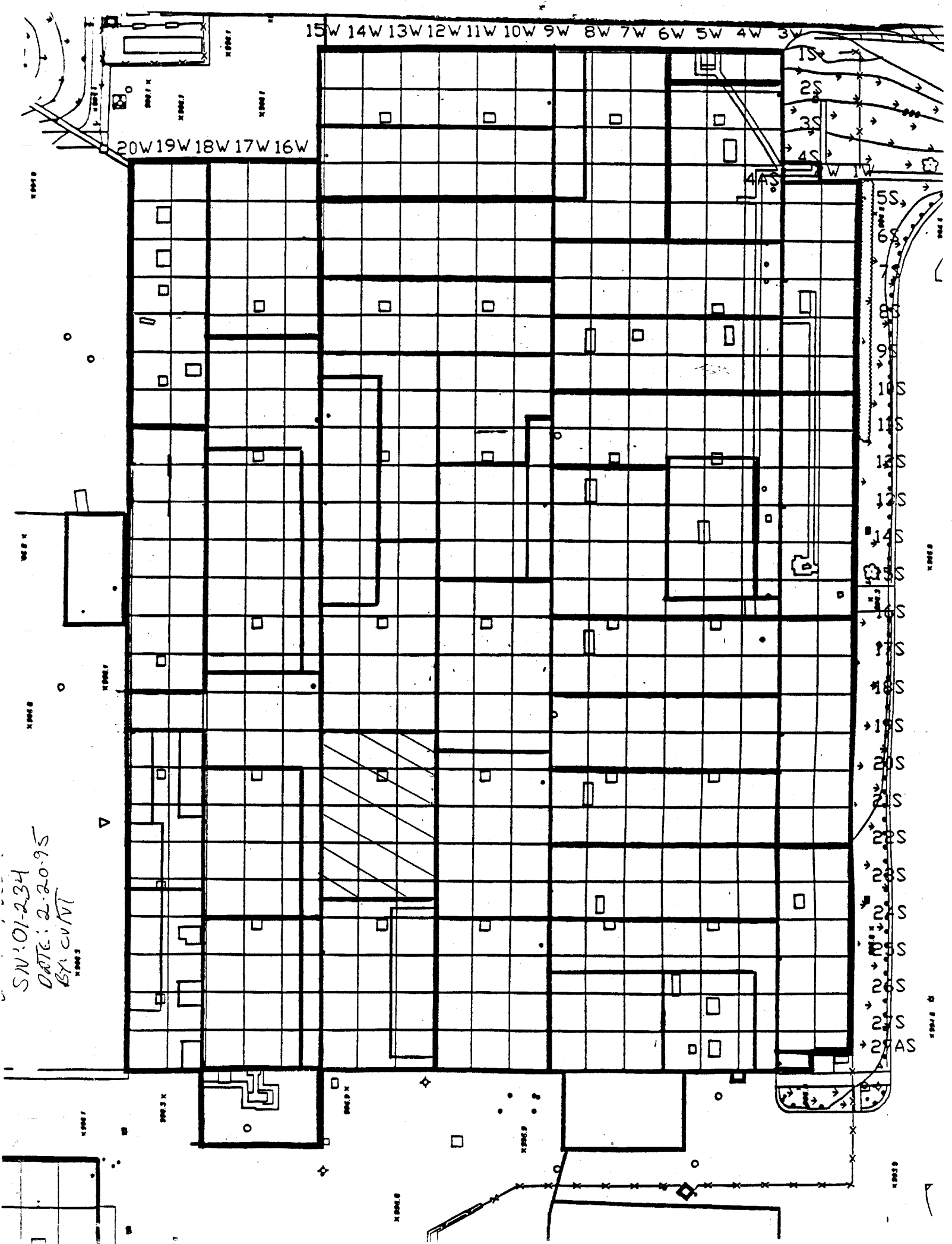
Batch ID: Blairsville 1-26-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
21	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 10:16
22	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/17/95 10:18
23	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/17/95 10:21
24	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 10:23
25	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 10:25
26	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 10:27
27	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 10:30
28	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 10:32
29	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/17/95 10:34
30	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/17/95 10:36
31	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/17/95 10:38
32	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 10:40
33	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/17/95 10:43
34	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 10:45

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

SN: 01-234
DATE: 2-20-95
BY: CVT



Blairsville Point Survey Form #003

Survey Serial #: 01-235

Survey Section: 1

Survey Unit: 25

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/21/95

Count Date: 5/17/95


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	217

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	2	6	216	11	269	180	0.76	2	-5.06	3	SOUTH WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	0	6	184	11	305	200	0.76	2	3.04	3	SOUTH WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	0	6	183	11	254	190	-0.74	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	4	2	N/A	N/A	N/A	N/A	5	6	180	11	315	180	-0.74	2	1.69	3	SOUTH WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	2	6	191	11	303	190	-0.74	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	12.2	1.5	N/A	N/A	N/A	N/A	0	6	250	11	335	220	-0.74	2	-3.71	3	SOUTH WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-235.XLD
 Batch Ended: 5/17/95 10:58
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-25-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
35	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/17/95 10:47
36	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/17/95 10:49
37	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/17/95 10:52
38	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 10:54
39	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 10:56
40	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/17/95 10:58

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

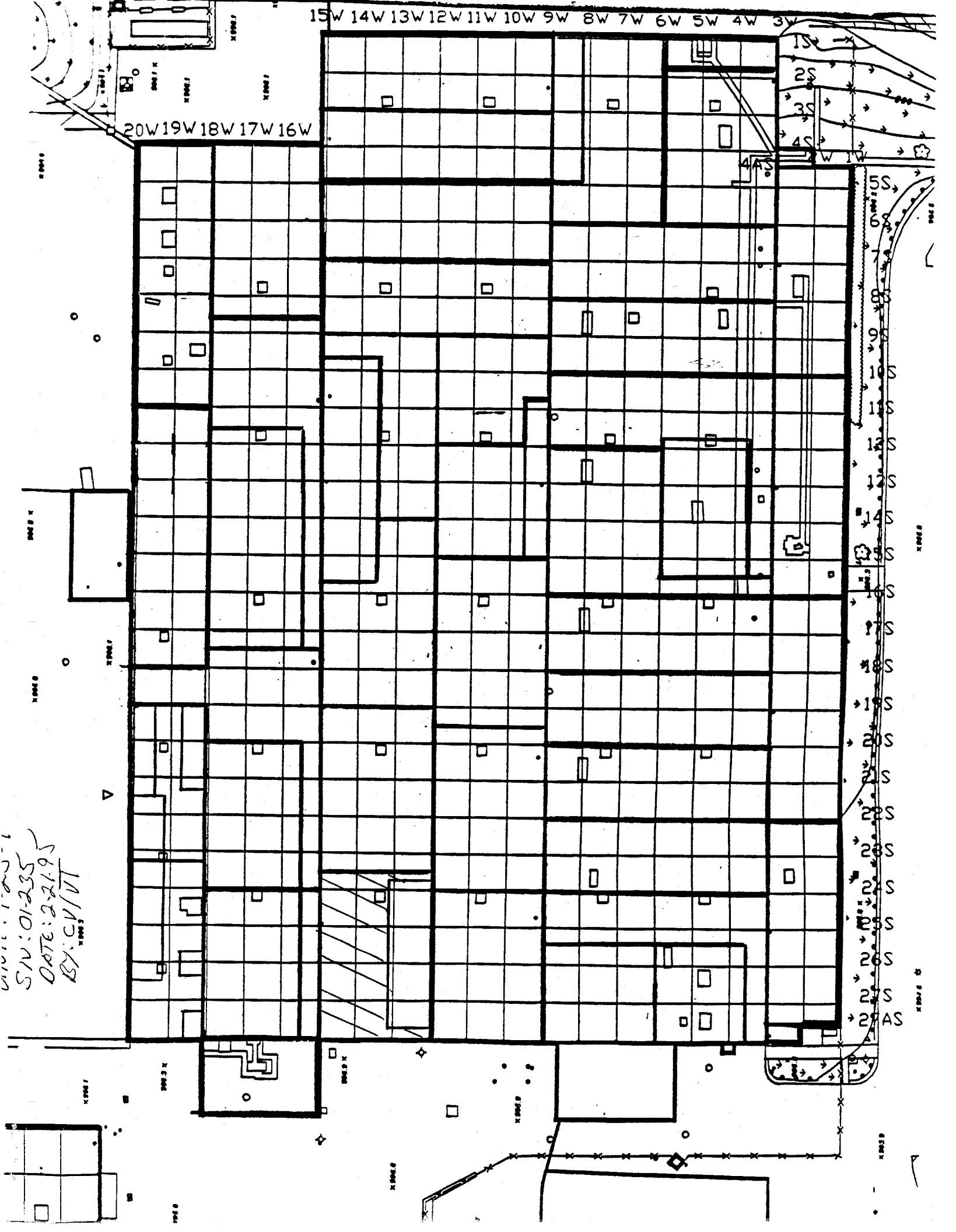
Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

20W 19W 18W 17W 16W

UNCLASSIFIED
SN: 01-235
DATE: 2-21-95
BY: CV/UT



Blairsville Point Survey Form #003

Survey Serial #:	01-236
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	24A
--------------	-----

Survey Sub-unit:	6
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/21/95
--------------	---------

Count Date:	5/17/95
-------------	---------


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	321

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CERAMIC TILE	1	0.5	N/A	N/A	N/A	N/A	7	6	495	11	595	440	0.76	2	4.39	3	NORTH WALL
CERAMIC TILE	2	1	N/A	N/A	N/A	N/A	10	6	529	11	703	460	2.26	2	-2.36	3	NORTH WALL
CERAMIC TILE	2	2	N/A	N/A	N/A	N/A	10	6	515	11	666	490	-0.74	2	0.34	3	EAST WALL
CERAMIC TILE	1	0.5	N/A	N/A	N/A	N/A	11	6	479	11	581	440	0.76	2	-1.01	3	SOUTH WALL
CERAMIC TILE	2	1	N/A	N/A	N/A	N/A	12	6	508	11	452	350	-0.74	2	-3.71	3	SOUTH WALL
CERAMIC TILE	1.3	2	N/A	N/A	N/A	N/A	7	6	549	11	668	520	-0.74	2	-1.01	3	WEST WALL
CERAMIC TILE	3	1	N/A	N/A	N/A	N/A	11	6	572	11	707	560	0.76	2	4.39	3	WEST WALL
CERAMIC TILE	4.7	1	N/A	N/A	N/A	N/A	11	6	528	11	607	510	2.26	2	0.34	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-236.XLD
 Batch Ended: 5/17/95 11:16
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-24A-6

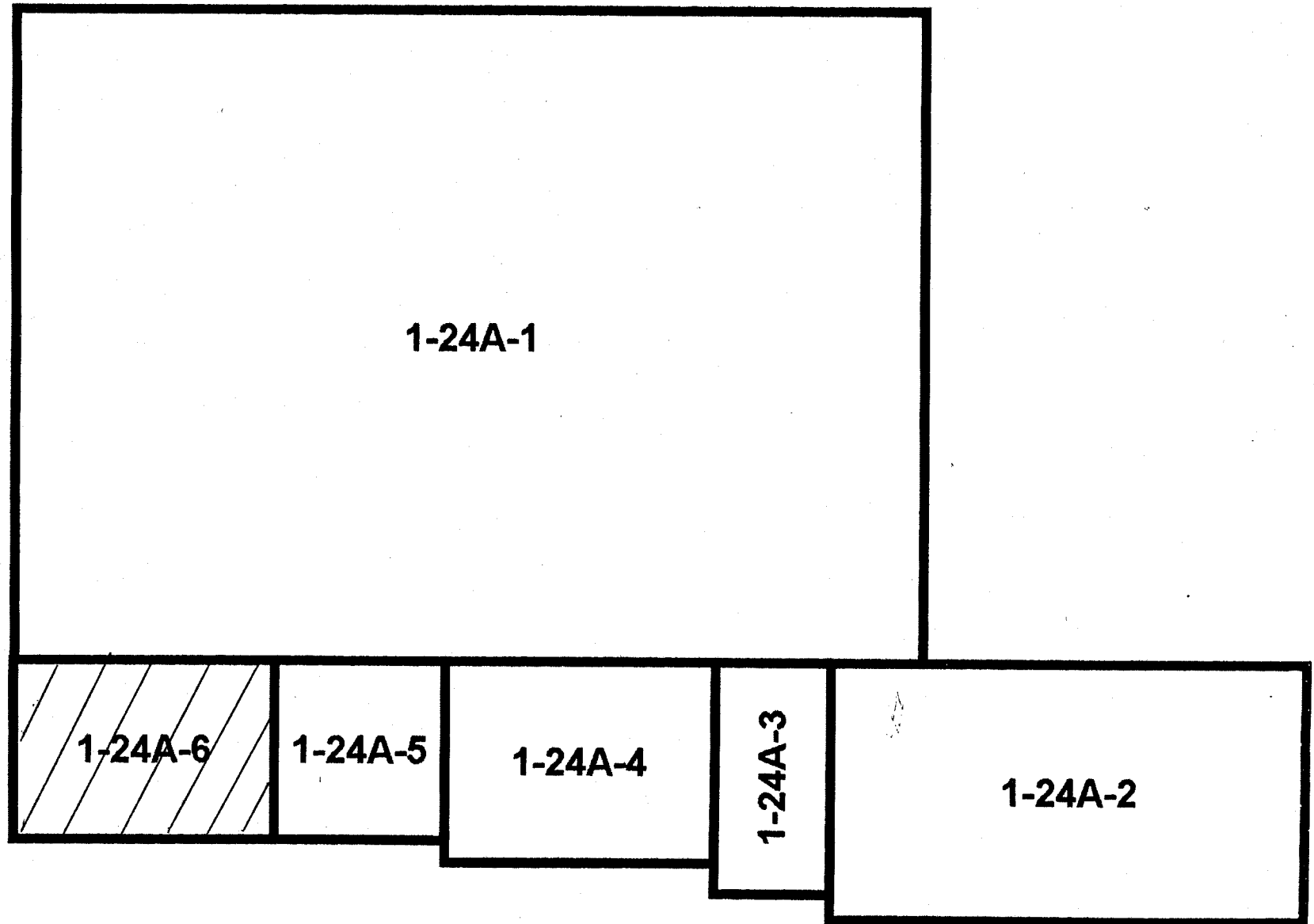
Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
41	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/17/95 11:00
42	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/17/95 11:03
43	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 11:05
44	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/17/95 11:07
45	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/17/95 11:09
46	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 11:11
47	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/17/95 11:14
48	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/17/95 11:16

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-24A-6
SN: 01236
DATE: 2-21-95
BY: CV/VT

UNIT 1-24A



Blairsville Point Survey Form #003

Survey Serial #: 01-237

Survey Section: 1

Survey Unit: 24A

Survey Sub-unit: 3

Classification: 4

Survey Type: LOWER

Survey Date: 2/21/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	433

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor / C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CERAMIC TILE	1	1	N/A	N/A	N/A	N/A	15	6	512	11	638	480	-0.74	2	-2.36	3	SOUTH WALL
CERAMIC TILE	3.5	1.5	N/A	N/A	N/A	N/A	14	6	531	11	566	430	0.76	2	-1.01	3	SOUTH WALL
CERAMIC TILE	0.5	1.5	N/A	N/A	N/A	N/A	5	6	451	11	525	460	2.26	2	-2.36	3	WEST WALL
CERAMIC TILE	2	1	N/A	N/A	N/A	N/A	9	6	515	11	558	480	-0.74	2	1.69	3	NORTH WALL
CERAMIC TILE	0.5	0.5	N/A	N/A	N/A	N/A	13	6	499	11	603	480	-0.74	2	0.34	3	EAST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-237.XLD
 Batch Ended: 5/17/95 12:27
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

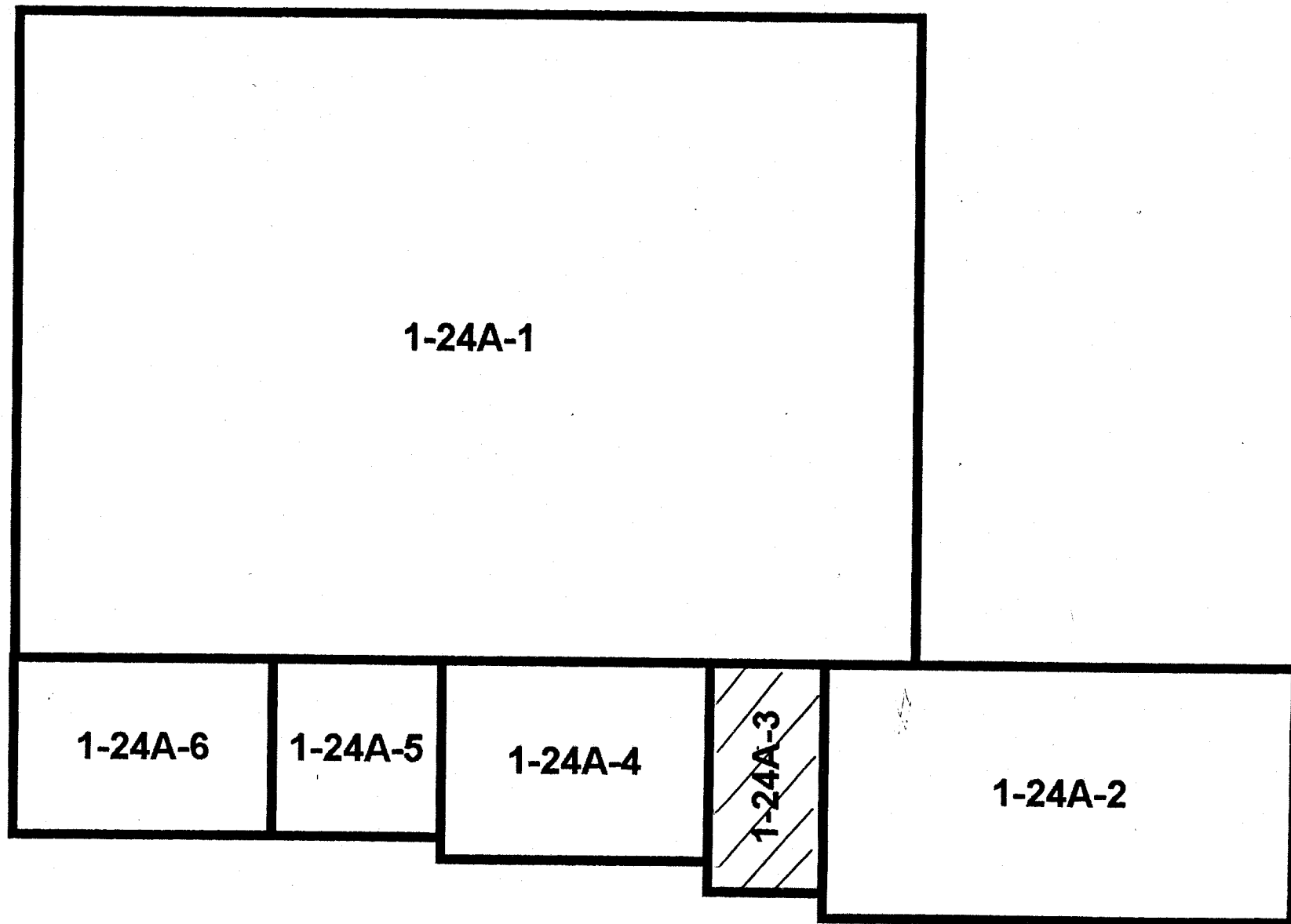
Batch ID: Blairsville 1-24A-3

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 12:18
2	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/17/95 12:20
3	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/17/95 12:23
4	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 12:25
5	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 12:27

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000
 Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT 1-24A-3
SN: 01237
DATE: 2-21-95
BY: CV/VT

UNIT 1-24A



Blairsville Point Survey Form #003

Survey Serial #: 01-238

Survey Section: 1

Survey Unit: 24A

Survey Sub-unit: 4

Classification: 4

Survey Type: LOWER

Survey Date: 2/21/95

Count Date: 5/17/95


Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	438

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor: V. TAYLOR/ C. VERGARI
Signature: 

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CERAMIC TILE	1.9	1	N/A	N/A	N/A	N/A	12	6	548	11	701	500	2.26	2	-2.36	3	SOUTH WALL
CERAMIC TILE	0.7	1	N/A	N/A	N/A	N/A	5	6	561	11	679	490	-0.74	2	-1.01	3	WEST WALL
CERAMIC TILE	0.7	1	N/A	N/A	N/A	N/A	11	6	551	11	695	560	-0.74	2	-2.36	3	NORTH WALL
CERAMIC TILE	2.7	1.5	N/A	N/A	N/A	N/A	10	6	534	11	645	550	0.76	2	-1.01	3	NORTH WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-238.XLD
 Batch Ended: 5/17/95 12:36
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-24A-4

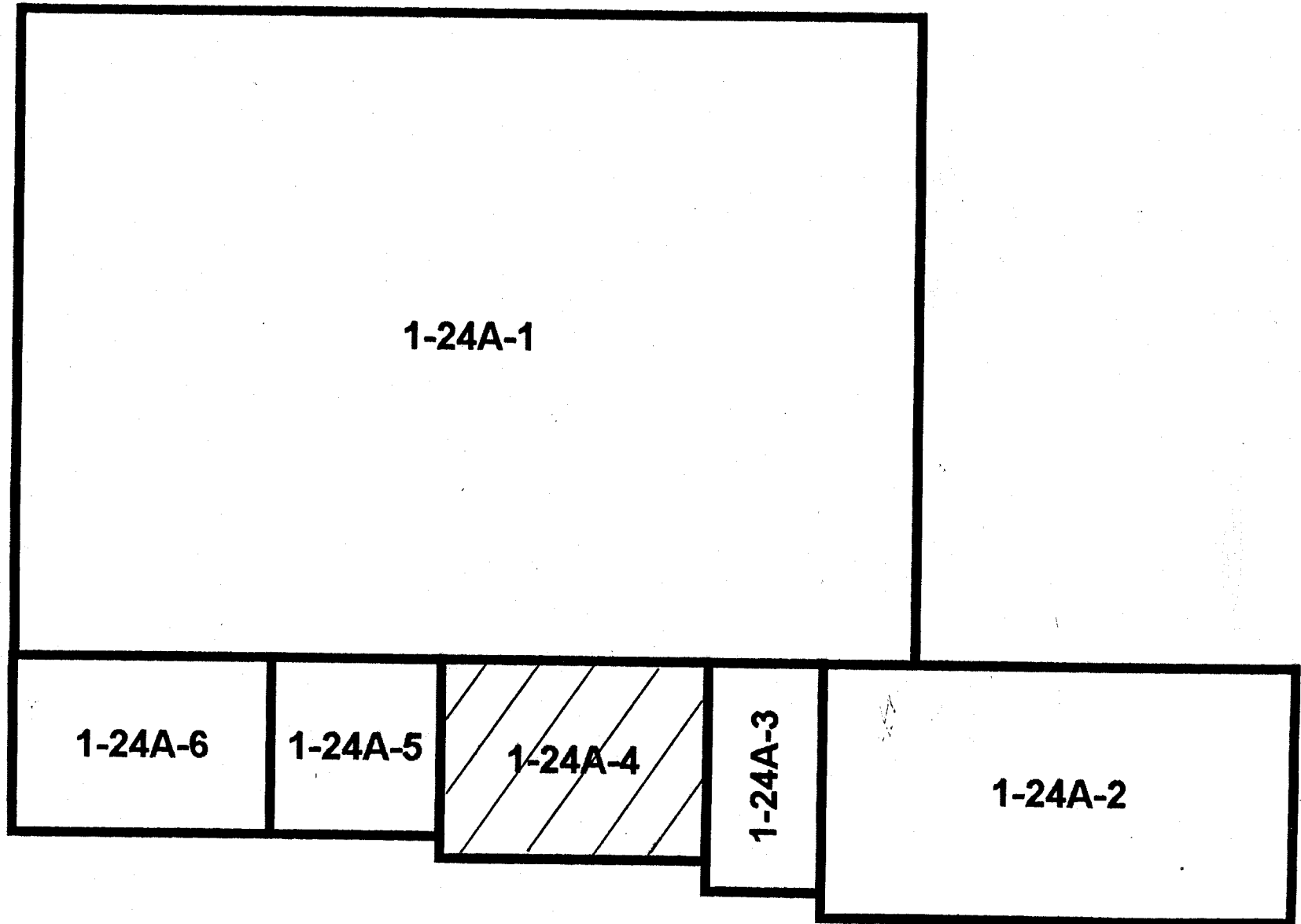
Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
6	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/17/95 12:29
7	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 12:31
8	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 12:34
9	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/17/95 12:36

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-24A-4
SN: 01-238
DATE: 2-21-95
BY: CV/JT

UNIT 1-24A



Blairsville Point Survey Form #003

Survey Serial #:	01-239
Survey Section:	1
Survey Unit:	24A
Survey Sub-unit:	5

Classification:	4
Survey Type:	LOWER

Survey Date:	2/21/95
Count Date:	5/17/95

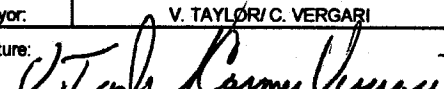
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	308

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR / C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
CERAMIC TILE	1	0.5	N/A	N/A	N/A	N/A	12	6	520	11	572	490	-0.74	2	3.04	3	SOUTH WALL
CERAMIC TILE	2	1.5	N/A	N/A	N/A	N/A	13	6	539	11	659	530	-0.74	2	0.34	3	SOUTH WALL
CERAMIC TILE	0.5	2	N/A	N/A	N/A	N/A	13	6	565	11	731	540	-0.74	2	-1.01	3	EAST WALL
CERAMIC TILE	0.5	1.5	N/A	N/A	N/A	N/A	3	6	623	11	840	570	2.26	2	4.39	3	NORTH WALL
CERAMIC TILE	2	2	N/A	N/A	N/A	N/A	10	6	568	11	700	530	0.76	2	3.04	3	WEST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-239.XLD
 Batch Ended: 5/17/95 12:47
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-24A-5

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
10	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/17/95 12:38
11	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 12:40
12	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 12:42
13	2.258	2.12	<AL	7.53	4.39	3.58	<AL	12.28	2.00	0.754	1.63	5/17/95 12:45
14	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/17/95 12:47

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

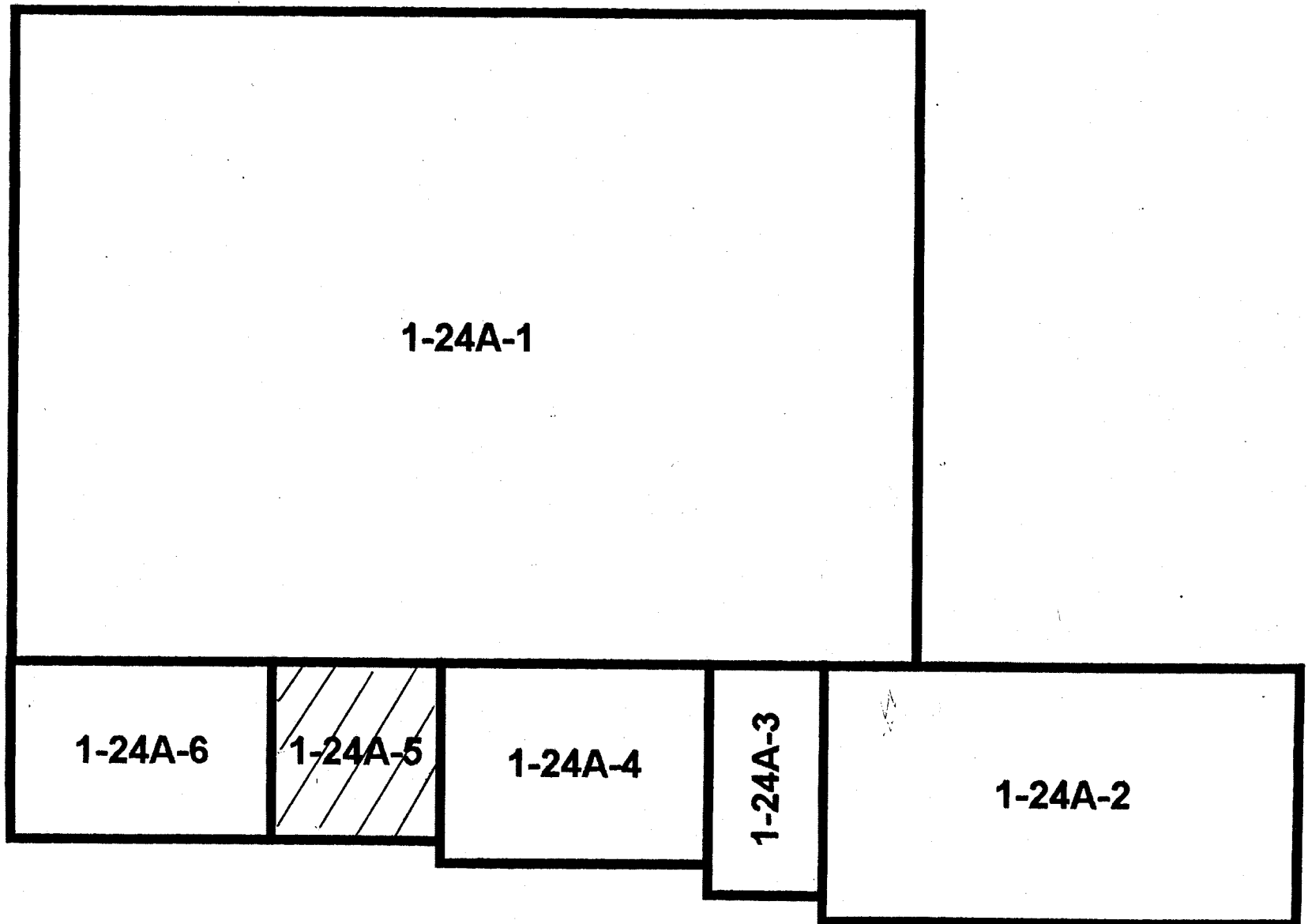
UNIT: 1-24A-5

SN: 01-239

DATE: 2-21-95

BY: CV/DT

UNIT 1-24A



Blairsville Point Survey Form #003

Survey Serial #: 01-240

Survey Section: 1

Survey Unit: 28

Survey Sub-unit: 3

Classification: 4

Survey Type: LOWER

Survey Date: 2/21/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	236

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/C. VERGARI
Signature: *V. Taylor C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED CONCRETE	1	1	N/A	N/A	N/A	N/A	1	6	234	11	325	210	0.76	2	3.04	3	NORTH WALL
PAINTED CONCRETE	2	1.5	N/A	N/A	N/A	N/A	2	6	254	11	274	220	2.26	2	0.34	3	NORTH WALL
PAINTED CONCRETE	2	1.5	N/A	N/A	N/A	N/A	0	6	235	11	353	210	0.76	2	3.04	3	EAST WALL
PAINTED CONCRETE	5	1.5	N/A	N/A	N/A	N/A	1	6	239	11	321	210	0.76	2	-1.01	3	EAST WALL
PAINTED CONCRETE	1.5	0.5	N/A	N/A	N/A	N/A	2	6	287	11	316	220	2.26	2	1.69	3	SOUTH WALL

UNIT: 1-28-3

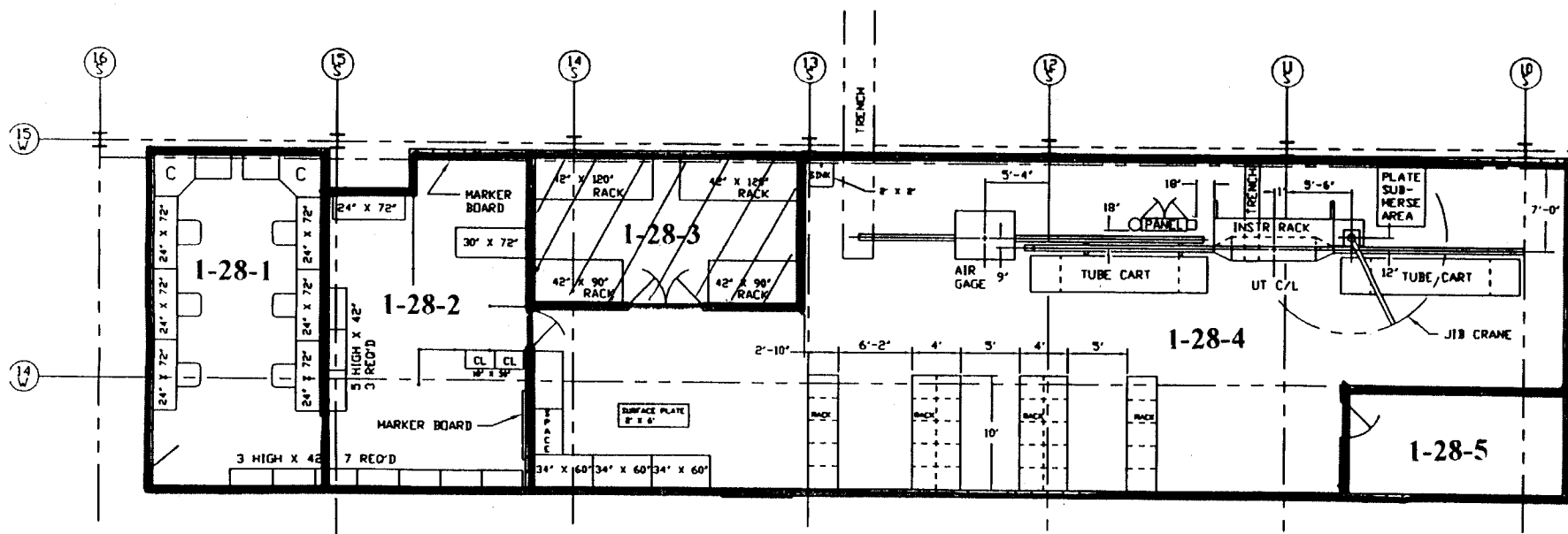
SN: 01240

DATE: 2-21-95

BY: CVT

MAIN BUILDING

UNIT 1-28



LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-240.XLD
 Batch Ended: 5/17/95 12:58
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-28-3

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
15	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/17/95 12:49
16	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/17/95 12:51
17	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/17/95 12:54
18	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/17/95 12:56
19	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	5/17/95 12:58

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000
 Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-241
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	28
--------------	----

Survey Sub-unit:	2
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/21/95
--------------	---------

Count Date:	5/17/95
-------------	---------


Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	181

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

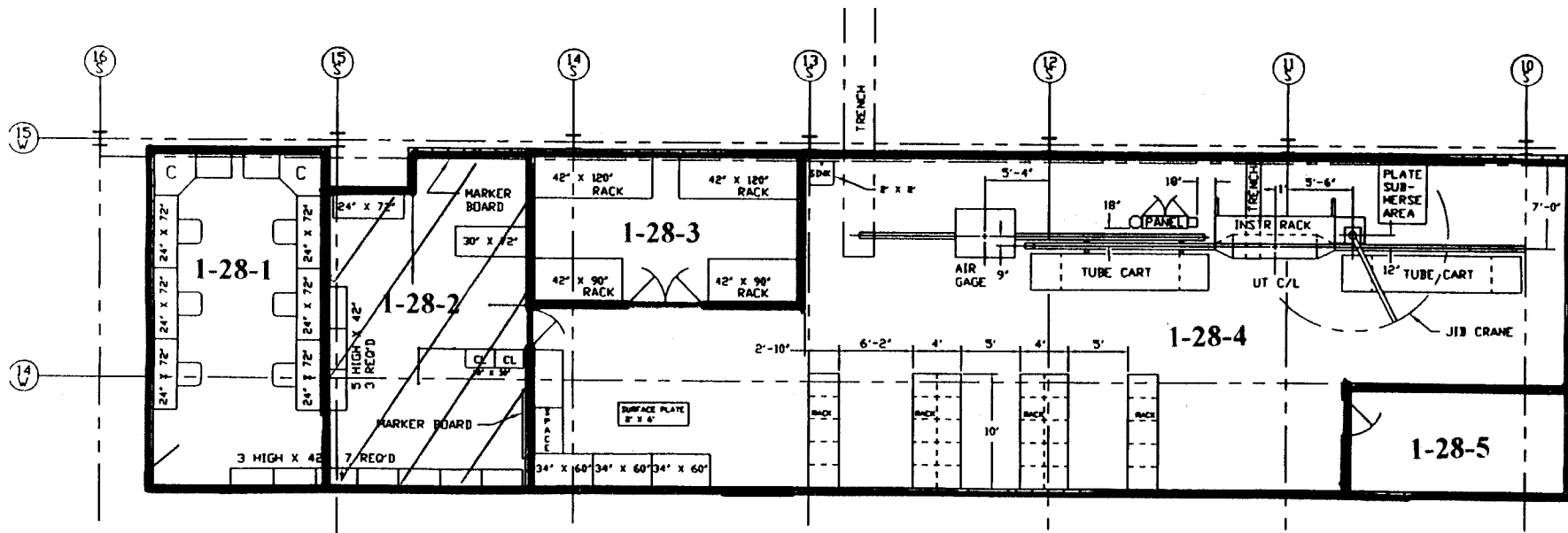
Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED CONCRETE	2	1.5	N/A	N/A	N/A	N/A	4	6	247	11	289	230	0.76	2	-2.36	3	NORTH WALL
PAINTED CONCRETE	5.7	0.5	N/A	N/A	N/A	N/A	3	6	246	11	428	240	0.76	2	1.69	3	NORTH WALL
PAINTED CONCRETE	2.5	1.5	N/A	N/A	N/A	N/A	1	6	253	11	273	190	-0.74	2	-1.01	3	EAST WALL
PAINTED CONCRETE	1	2	N/A	N/A	N/A	N/A	1	6	223	11	280	210	0.76	2	3.04	3	WEST WALL

UNIT: 1-28-2
SN: 01-241
DATE: 2-21-95
BY: CV/PT

MAIN BUILDING UNIT 1-28



LB5100-W Low Background Counting System – Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-241.XLD
 Batch Ended: 5/17/95 13:07
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-28-2

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
20	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 13:00
21	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/17/95 13:02
22	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 13:05
23	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/17/95 13:07

Alpha efficiency log file: th230ab Alpha Efficiency: 33.37% Alpha to Beta Crosstalk: 24.79% Alpha Background (CPM): 0.246428571 Alpha Correction Factor: 1.000
Beta efficiency log file: tc99ab Beta Efficiency: 37.06% Beta into Alpha Crosstalk: 0.03% Beta Background (CPM): 1.875 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #: 01-242

Survey Section: 1

Survey Unit: 28

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/21/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	181

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

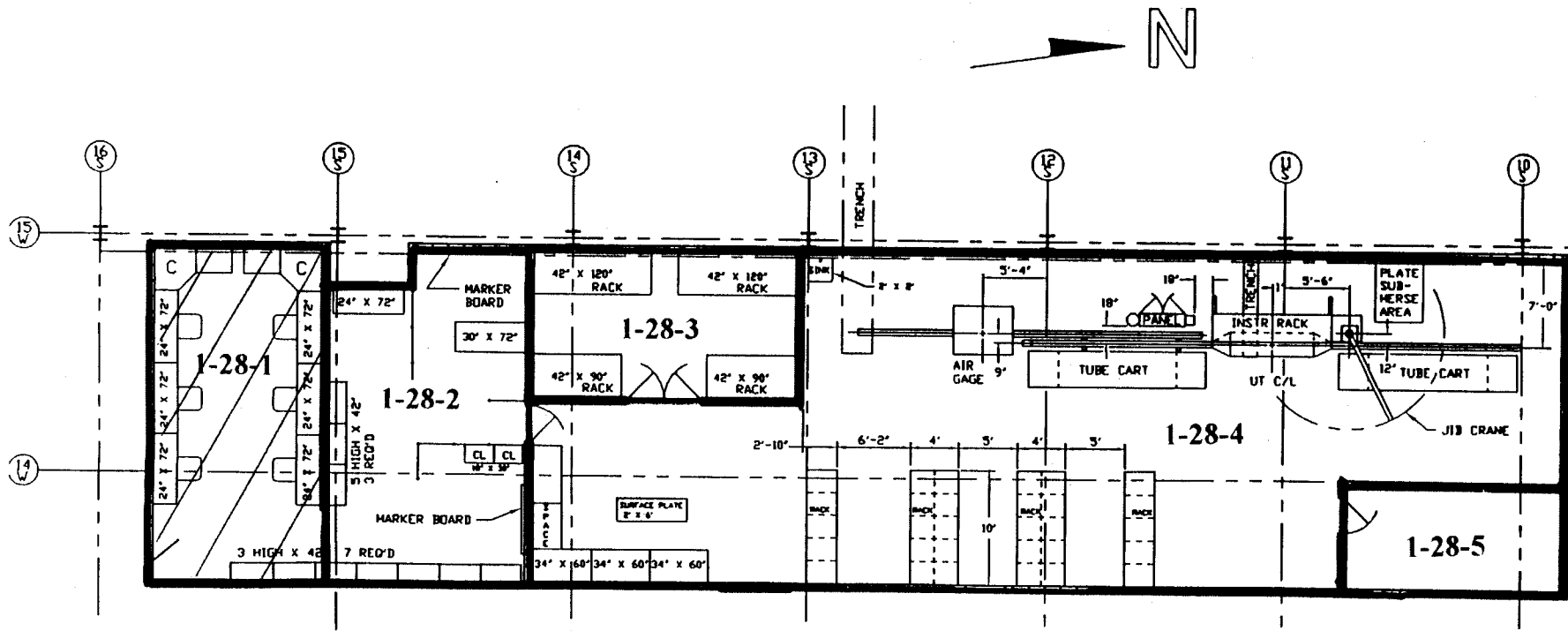
Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI

Signature: *V. Taylor Carmel Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED CONCRETE	3	1	N/A	N/A	N/A	N/A	1	6	250	11	292	240	-0.74	2	-2.36	3	EAST WALL
PAINTED CONCRETE	0.5	1.5	N/A	N/A	N/A	N/A	2	6	247	11	319	230	0.75	2	-2.36	3	WEST WALL
PAINTED CONCRETE	3.5	2	N/A	N/A	N/A	N/A	3	6	247	11	247	200	-0.74	2	0.34	3	NORTH WALL

**MAIN BUILDING
UNIT 1-28**

[illegible]

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/17/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-242.XLD
 Batch Ended: 5/17/95 13:13
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-28-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
24	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 13:09
25	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 13:11
26	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 13:13

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-243
Survey Section:	1
Survey Unit:	39
Survey Sub-unit:	1

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	3


Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	215

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Classification:	4
Survey Type:	LOWER

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code			Alpha	Code	Beta	Code	
											Max Beta	Avg Beta					
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	1	6	181	11	245	180	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	5	6	221	11	222	190	0.76	2	-3.71	3	NORTH WALL
PAINTED BLOCK	5	1.5	N/A	N/A	N/A	N/A	1	6	211	11	248	180	0.76	2	-2.36	3	NORTH WALL
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	2	6	200	11	275	190	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	3	6	198	11	314	210	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	11	1.5	N/A	N/A	N/A	N/A	3	6	206	11	281	190	2.26	2	-3.71	3	NORTH WALL
PAINTED BLOCK	12.5	0.5	N/A	N/A	N/A	N/A	2	6	166	11	261	150	-0.74	2	-5.06	3	NORTH WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	0	6	193	11	301	180	0.76	2	0.34	3	SOUTH WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	2	6	203	11	245	160	-0.74	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	2	6	176	11	280	200	-0.74	2	0.34	3	SOUTH WALL
PAINTED BLOCK	8	1.5	N/A	N/A	N/A	N/A	0	6	177	11	346	150	-0.74	2	1.69	3	SOUTH WALL
PAINTED BLOCK	9.5	0.5	N/A	N/A	N/A	N/A	3	6	212	11	270	210	-0.74	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	13	0.5	N/A	N/A	N/A	N/A	2	6	214	11	303	200	0.76	2	0.34	3	SOUTH WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	0	6	190	11	263	160	-0.74	2	-5.06	3	WEST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	1	6	205	11	284	180	-0.74	2	3.04	3	WEST WALL
PAINTED BLOCK	6	1.5	N/A	N/A	N/A	N/A	2	6	168	11	235	140	2.26	2	4.39	3	WEST WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	1	6	143	11	252	150	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	13	1	N/A	N/A	N/A	N/A	1	6	165	11	240	170	-0.74	2	1.69	3	WEST WALL
PAINTED BLOCK	14	0.5	N/A	N/A	N/A	N/A	1	6	189	11	313	190	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	17	1	N/A	N/A	N/A	N/A	3	6	186	11	322	200	-0.74	2	8.43	3	WEST WALL
PAINTED BLOCK	18	1.5	N/A	N/A	N/A	N/A	8	6	215	11	296	200	0.76	2	3.04	3	WEST WALL
PAINTED BLOCK	20	2	N/A	N/A	N/A	N/A	1	6	169	11	209	150	0.76	2	-3.71	3	WEST WALL
PAINTED BLOCK	24.5	1.5	N/A	N/A	N/A	N/A	1	6	177	11	242	180	2.26	2	0.34	3	WEST WALL

Blairsville Point Survey Form #003

Survey Serial #: 01-243

Survey Section: 1

Survey Unit: 39

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/21/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	3

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	215

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor / Carmen Vergari*

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	27.6	0.5	N/A	N/A	N/A	N/A	2	6	137	11	420	160	0.76	2	-3.71	3	WEST WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-243.XLD
 Batch Ended: 5/17/95 14:32
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-39-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 13:42
2	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 13:44
3	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 13:46
4	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 13:49
5	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 13:51
6	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	5/17/95 13:53
7	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/17/95 13:55
8	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/17/95 13:57
9	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 13:59
10	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 14:02
11	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 14:04
12	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 14:06
13	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/17/95 14:08
14	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/17/95 14:11
15	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/17/95 14:13
16	2.258	2.12	<AL	7.53	4.39	3.58	<AL	12.28	2.00	0.754	1.63	5/17/95 14:15
17	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/17/95 14:17
18	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 14:19
19	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 14:21
20	-0.738	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	-0.246	3.13	5/17/95 14:24
21	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/17/95 14:26
22	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 14:28
23	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/17/95 14:30
24	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/17/95 14:32

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

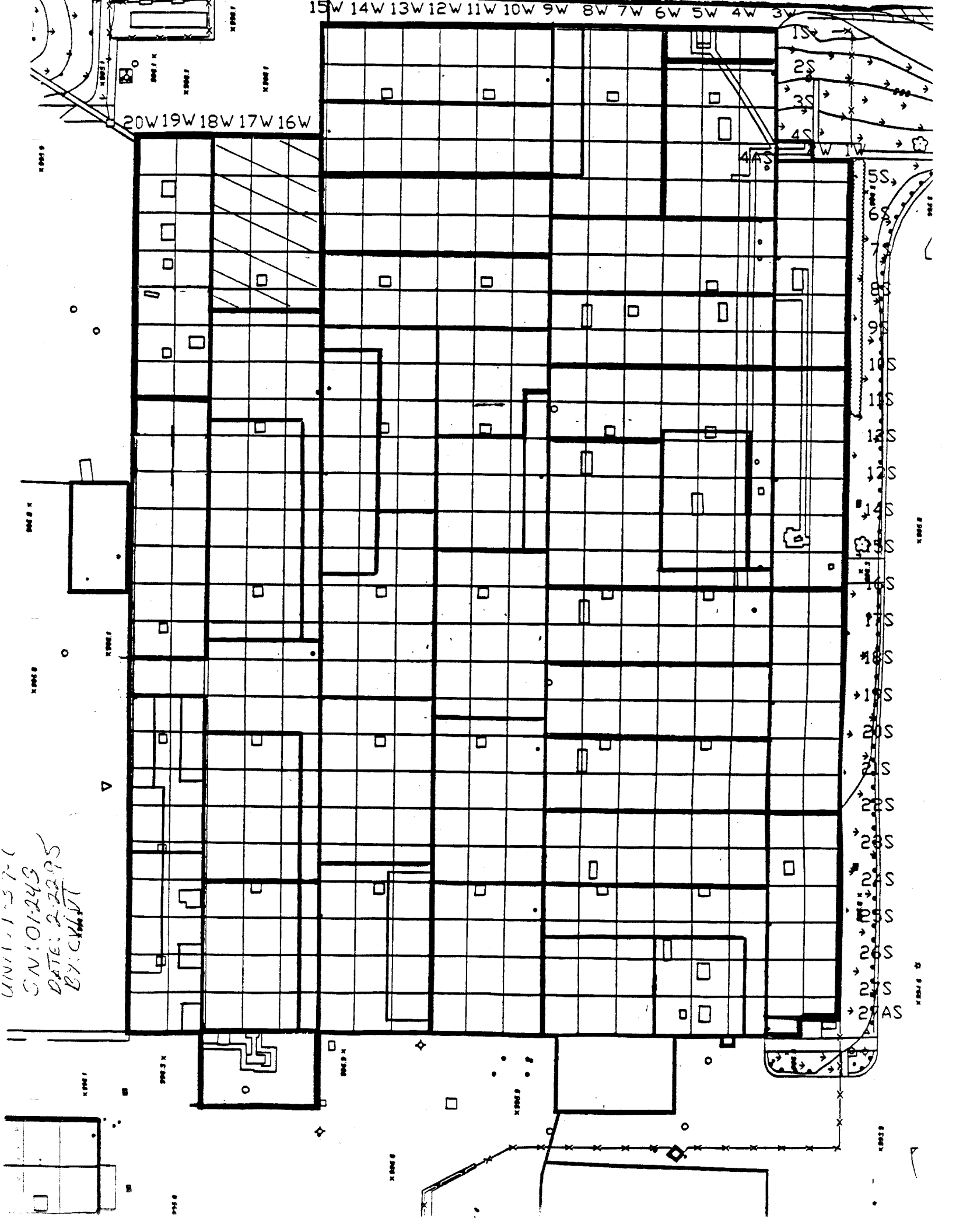
Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

UNIT 1-1-57-1
S.N: 01-243
DATE: 2-22-95
BY: CVL/JT



Blairsville Point Survey Form #003

Survey Serial #: 01-244

Survey Section: 1

Survey Unit: 38

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/23/95

Count Date: 5/17/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	301

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor / C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	8	0.5	N/A	N/A	N/A	N/A	5	6	351	11	451	320	2.26	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	3	6	281	11	404	280	2.26	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	12	0.5	N/A	N/A	N/A	N/A	0	6	301	11	423	310	-0.74	2	0.34	3	SOUTH WALL
PAINTED BLOCK	0.3	0.5	N/A	N/A	N/A	N/A	2	6	191	11	318	200	-0.74	2	1.69	3	WEST WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	0	6	216	11	369	220	0.76	2	-2.36	3	WEST WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	4	6	200	11	317	190	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	8	0.5	N/A	N/A	N/A	N/A	2	6	206	11	340	160	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	10	1	N/A	N/A	N/A	N/A	3	6	209	11	260	170	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	12	1.5	N/A	N/A	N/A	N/A	1	6	204	11	311	180	-0.74	2	1.69	3	WEST WALL
PAINTED BLOCK	14	1	N/A	N/A	N/A	N/A	3	6	211	11	355	190	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	15	0.5	N/A	N/A	N/A	N/A	1	6	188	11	286	170	0.76	2	1.69	3	WEST WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	1	6	237	11	313	210	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	5	0.5	N/A	N/A	N/A	N/A	0	6	232	11	285	220	-0.74	2	-1.01	3	NORTH WALL
PAINTED BLOCK	7	1	N/A	N/A	N/A	N/A	0	6	290	11	347	250	0.76	2	5.73	3	NORTH WALL
PAINTED BLOCK	9	1	N/A	N/A	N/A	N/A	2	6	189	11	303	210	-0.74	2	1.69	3	NORTH WALL
PAINTED BLOCK	13	0.5	N/A	N/A	N/A	N/A	2	6	230	11	394	250	-0.74	2	-1.01	3	NORTH WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	5	6	225	11	293	210	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	1	6	219	11	289	190	0.76	2	-2.36	3	WEST WALL
PAINTED BLOCK	22	1	N/A	N/A	N/A	N/A	3	6	268	11	306	240	2.26	2	1.69	3	WEST WALL
PAINTED BLOCK	35	1	N/A	N/A	N/A	N/A	1	6	237	11	293	210	0.76	2	4.39	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-244.XLD
 Batch Ended: 5/17/95 15:16
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-38-1

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
25	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	5/17/95 14:35
26	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	5/17/95 14:37
27	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 14:39
28	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 14:41
29	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 14:44
30	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 14:46
31	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 14:48
32	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 14:50
33	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 14:52
34	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 14:54
35	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/17/95 14:57
36	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/17/95 14:59
37	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 15:01
38	0.760	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	0.254	2.13	5/17/95 15:03
39	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/17/95 15:05
40	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/17/95 15:08
41	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/17/95 15:10
42	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/17/95 15:12
43	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	5/17/95 15:14
44	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/17/95 15:16

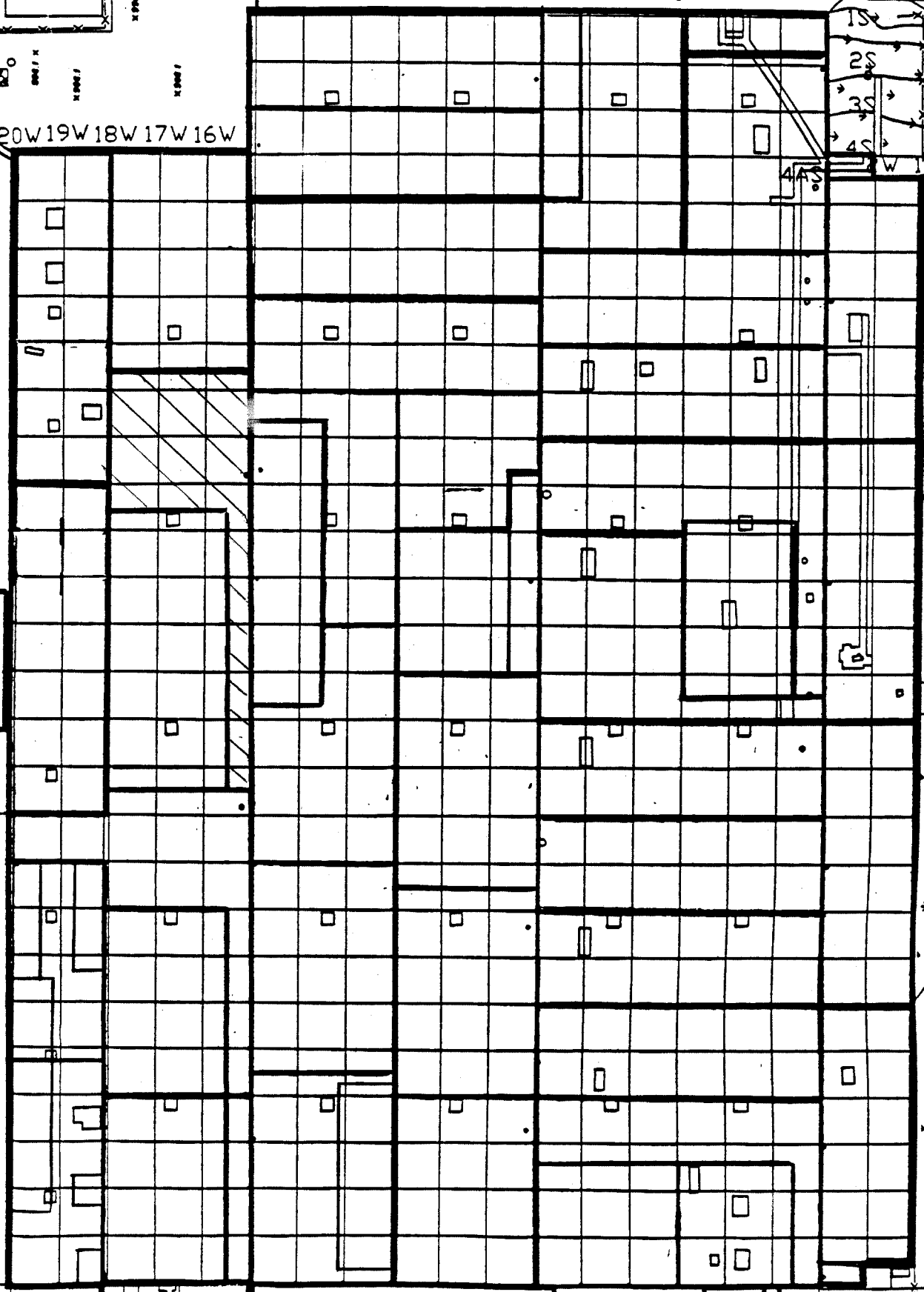
Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000
 Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT 1-38-1
SN: 01244
DATE: 2-23-75
BY: CMH/T

20W 19W 18W 17W 16W

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28S
29S
30S



Blairsville Point Survey Form #003

Survey Serial #:	01-245
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	37
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/23/95
--------------	---------

Count Date:	5/18/95
-------------	---------

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	219

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

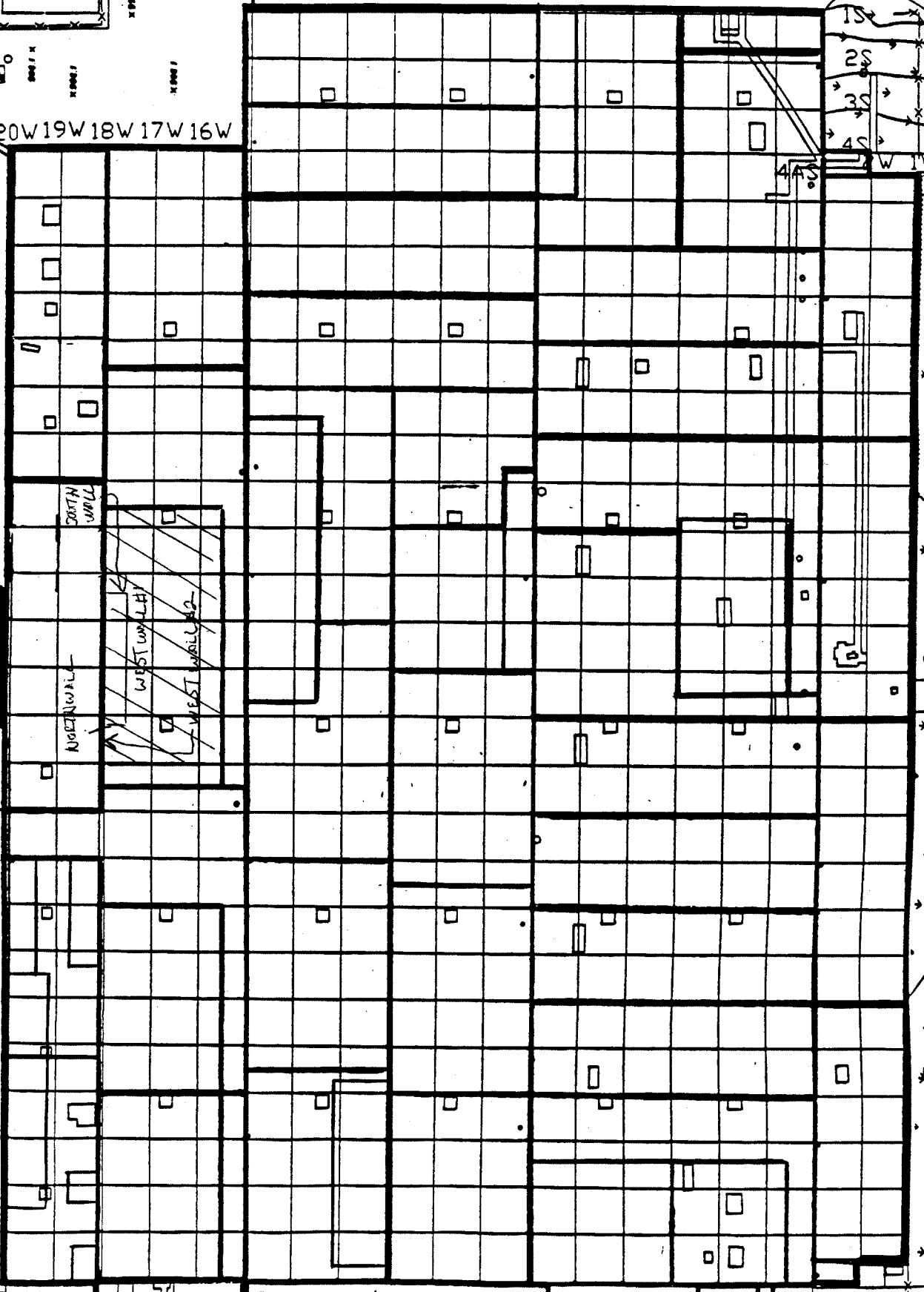
Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	<i>V. Taylor</i> <i>C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	1	1	N/A	N/A	N/A	N/A	0	6	230	11	247	180	-0.74	2	-5.06	3	NORTH WALL
PAINTED BLOCK	0.5	1	N/A	N/A	N/A	N/A	1	6	226	11	282	200	-0.74	2	-3.71	3	WEST WALL #1
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	3	6	221	11	343	170	0.76	2	-3.71	3	WEST WALL #1
PAINTED BLOCK	4	2	N/A	N/A	N/A	N/A	2	6	218	11	258	150	0.76	2	-3.71	3	WEST WALL #1
PAINTED BLOCK	6.5	1	N/A	N/A	N/A	N/A	1	6	223	11	388	200	-0.74	2	0.34	3	WEST WALL #1
PAINTED BLOCK	10	2	N/A	N/A	N/A	N/A	3	6	231	11	240	190	-0.74	2	1.69	3	WEST WALL #1
PAINTED BLOCK	13	0.5	N/A	N/A	N/A	N/A	2	6	253	11	227	180	-0.74	2	0.34	3	WEST WALL #1
PAINTED BLOCK	0.2	1.5	N/A	N/A	N/A	N/A	1	6	275	11	275	180	0.76	2	3.04	3	SOUTH WALL
PAINTED BLOCK	5	2	N/A	N/A	N/A	N/A	0	6	241	11	321	200	-0.74	2	0.34	3	WEST WALL #2
PAINTED BLOCK	22.5	1	N/A	N/A	N/A	N/A	0	6	211	11	270	180	-0.74	2	0.34	3	WEST WALL #2
PAINTED BLOCK	24.5	1.5	N/A	N/A	N/A	N/A	0	6	216	11	220	150	0.76	2	-3.71	3	WEST WALL #2
PAINTED BLOCK	27	1	N/A	N/A	N/A	N/A	5	6	174	11	360	170	0.76	2	-1.01	3	WEST WALL #2
PAINTED BLOCK	30	1	N/A	N/A	N/A	N/A	2	6	190	11	375	190	0.76	2	-2.36	3	WEST WALL #2
PAINTED BLOCK	32	1.5	N/A	N/A	N/A	N/A	4	6	179	11	272	150	0.76	2	-1.01	3	WEST WALL #2
PAINTED BLOCK	34.9	0.5	N/A	N/A	N/A	N/A	1	6	182	11	383	220	0.76	2	-1.01	3	WEST WALL #2
PAINTED BLOCK	35	0.5	N/A	N/A	N/A	N/A	2	6	188	11	321	200	0.76	2	1.69	3	WEST WALL #2
PAINTED BLOCK	36	1	N/A	N/A	N/A	N/A	1	6	195	11	282	160	-0.74	2	1.69	3	WEST WALL #2

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

20W 19W 18W 17W 16W



NORTH WALL

WEST WALL

WEST WALL 2

UNCLASSIFIED
SN: 01245
DATE: 2-23-95
BY: [signature], VT

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-245.XLD
 Batch Ended: 5/18/95 7:41
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-37-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 7:06
2	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 7:08
3	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 7:11
4	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 7:13
5	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 7:15
6	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 7:17
7	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 7:19
8	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/18/95 7:22
9	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 7:24
10	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 7:26
11	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 7:28
12	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 7:30
13	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/18/95 7:33
14	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 7:35
15	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 7:37
16	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/18/95 7:39
17	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 7:41

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-246
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	36
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/23/95
--------------	---------

Count Date:	5/18/95
-------------	---------

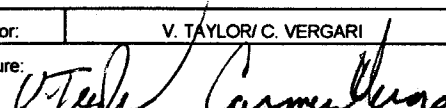
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	222

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	2	6	240	11	294	220	2.26	2	-2.36	3	NORTH WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	0	6	181	11	306	190	-0.74	2	3.04	3	SOUTH WALL #1
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	1	6	195	11	340	200	-0.74	2	-2.36	3	SOUTH WALL #2
PAINTED BLOCK	4	1.2	N/A	N/A	N/A	N/A	0	6	208	11	239	180	-0.74	2	0.34	3	SOUTH WALL #2
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	2	6	217	11	282	210	2.26	2	-2.36	3	SOUTH WALL #2
PAINTED BLOCK	11.5	1	N/A	N/A	N/A	N/A	2	6	208	11	254	180	2.26	2	3.04	3	SOUTH WALL #2
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	0	6	207	11	208	160	-0.74	2	-2.36	3	WEST WALL #1
PAINTED BLOCK	3	0.5	N/A	N/A	N/A	N/A	2	6	185	11	186	160	2.26	2	-5.06	3	WEST WALL #1
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	1	6	169	11	205	170	0.76	2	4.39	3	WEST WALL #1
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	3	6	204	11	275	210	2.26	2	-2.36	3	WEST WALL #2
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	1	6	196	11	326	220	-0.74	2	1.69	3	WEST WALL #2
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	0	6	213	11	266	210	-0.74	2	-1.01	3	WEST WALL #2
PAINTED BLOCK	18	0.5	N/A	N/A	N/A	N/A	2	6	214	11	296	220	0.76	2	-1.01	3	WEST WALL #2
PAINTED BLOCK	22	1	N/A	N/A	N/A	N/A	2	6	221	11	305	220	-0.74	2	0.34	3	WEST WALL #2
PAINTED BLOCK	34	0.5	N/A	N/A	N/A	N/A	1	6	215	11	311	220	-0.74	2	0.34	3	WEST WALL #2

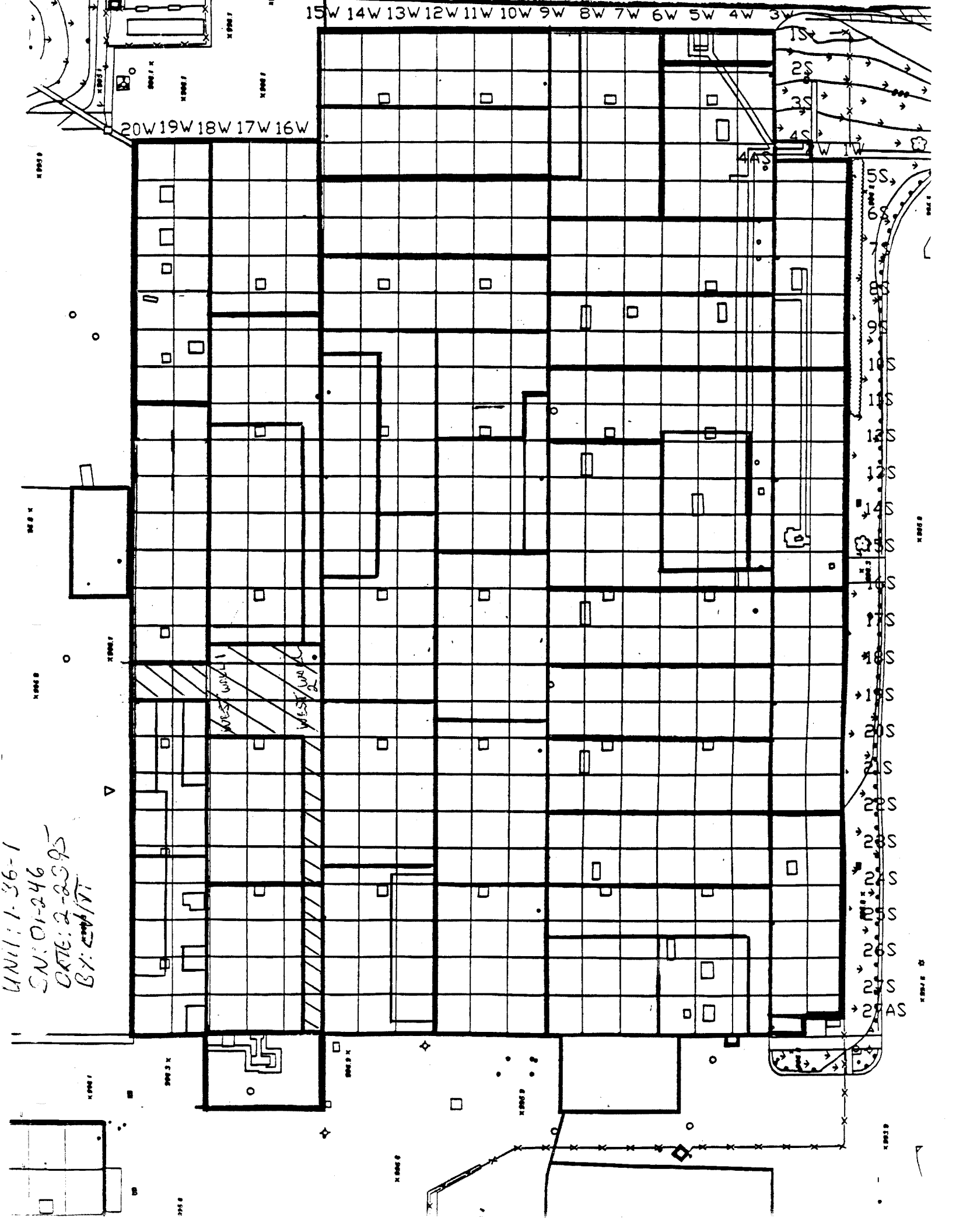
UNIT 1-36-1
SN: 01-246
DATE: 2-23-95
BY: [signature]

20W 19W 18W 17W 16W

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28S
29S
30S

WEST WALK 1
WEST WALK 2



LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-246.XLD
 Batch Ended: 5/18/95 8:17
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-36-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
18	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/18/95 7:44
19	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/18/95 7:46
20	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 7:48
21	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 7:50
22	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/18/95 7:52
23	2.258	2.12	<AL	7.53	3.04	3.31	<MDA	12.28	2.00	0.754	1.13	5/18/95 7:55
24	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 7:57
25	2.258	2.12	<AL	7.53	-5.06	1.37	<MDA	12.28	2.00	0.754	-1.88	5/18/95 7:59
26	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/18/95 8:01
27	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/18/95 8:03
28	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 8:06
29	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 8:08
30	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 8:10
31	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 8:12
32	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 8:14
33	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/18/95 8:17

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-247
Survey Section:	1
Survey Unit:	35A
Survey Sub-unit:	1

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

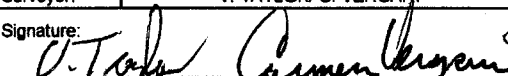
Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	203

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

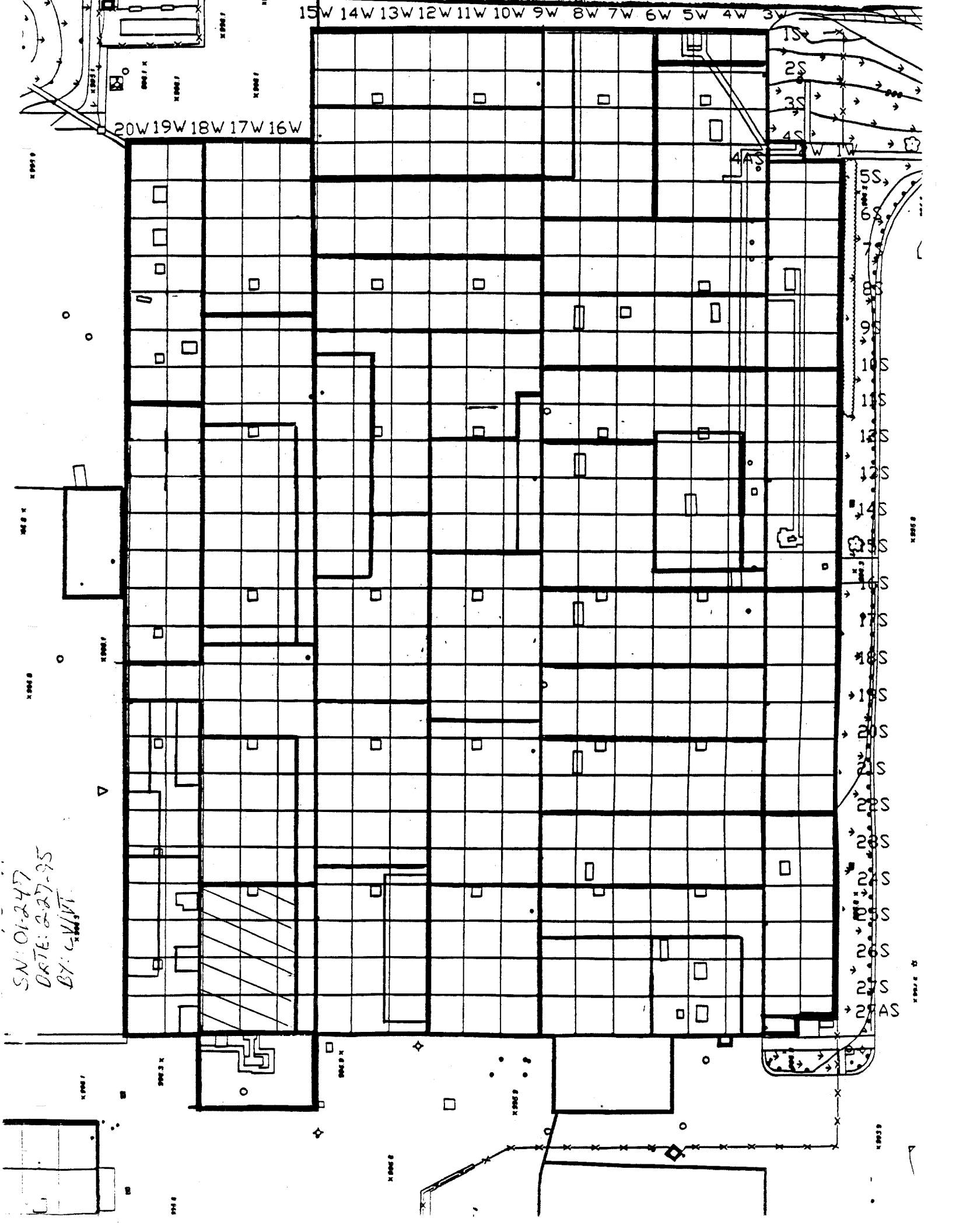
Classification:	4
Survey Type:	LOWER

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	6	220	11	281	200	-0.74	2	8.43	3	EAST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	6	214	11	336	220	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	2	6	194	11	279	200	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	7	0.5	N/A	N/A	N/A	N/A	2	6	231	11	284	220	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	1	6	226	11	279	200	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	11	1	N/A	N/A	N/A	N/A	6	6	190	11	319	210	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	13	1	N/A	N/A	N/A	N/A	3	6	233	11	334	230	-0.74	2	4.39	3	EAST WALL
PAINTED BLOCK	15	1	N/A	N/A	N/A	N/A	3	6	197	11	286	210	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	17	1	N/A	N/A	N/A	N/A	0	6	212	11	257	190	-0.74	2	3.04	3	EAST WALL
PAINTED BLOCK	2.5	0.5	N/A	N/A	N/A	N/A	0	6	173	11	226	190	-0.74	2	4.39	3	SOUTH WALL
PAINTED BLOCK	3.5	1	N/A	N/A	N/A	N/A	17	6	206	11	272	180	-0.74	2	5.73	3	SOUTH WALL
PAINTED BLOCK	6	1	N/A	N/A	N/A	N/A	3	6	186	11	245	180	-0.74	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	9	0.5	N/A	N/A	N/A	N/A	1	6	201	11	227	160	-0.74	2	3.04	3	SOUTH WALL
PAINTED BLOCK	12.5	1	N/A	N/A	N/A	N/A	0	6	186	11	224	140	0.76	2	-5.06	3	SOUTH WALL
PAINTED BLOCK	1.5	1.5	N/A	N/A	N/A	N/A	1	6	156	11	214	150	0.76	2	-1.01	3	WEST WALL
PAINTED BLOCK	4.5	1	N/A	N/A	N/A	N/A	0	6	176	11	287	170	0.76	2	-5.06	3	WEST WALL
PAINTED BLOCK	5.5	0.5	N/A	N/A	N/A	N/A	3	6	187	11	285	190	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	17	0.5	N/A	N/A	N/A	N/A	3	6	238	11	300	210	-0.74	2	3.04	3	WEST WALL
PAINTED BLOCK	21	1	N/A	N/A	N/A	N/A	0	6	189	11	251	200	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	23	1.5	N/A	N/A	N/A	N/A	2	6	170	11	292	200	-0.74	2	-1.01	3	WEST WALL



LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-247.XLD
 Batch Ended: 5/18/95 13:47
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Batch ID: Blairsville 1-35A-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
41	-0.738	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	-0.246	3.13	5/18/95 13:05
42	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 13:07
43	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 13:09
44	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 13:12
45	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 13:14
46	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 13:16
47	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/18/95 13:18
48	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 13:20
49	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/18/95 13:23
50	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/18/95 13:25
51	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	5/18/95 13:27
52	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 13:29
53	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/18/95 13:31
54	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/18/95 13:34
55	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 13:36
56	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/18/95 13:38
57	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 13:40
58	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/18/95 13:42
59	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 13:44
60	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 13:47

Blairsville Point Survey Form #003

Survey Serial #:	01-248
------------------	--------

Survey Section:	1
Survey Unit:	35B
Survey Sub-unit:	1

Classification:	4
Survey Type:	LOWER

Survey Date:	2/27/95
Count Date:	5/18/95

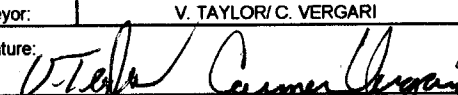
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	203

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

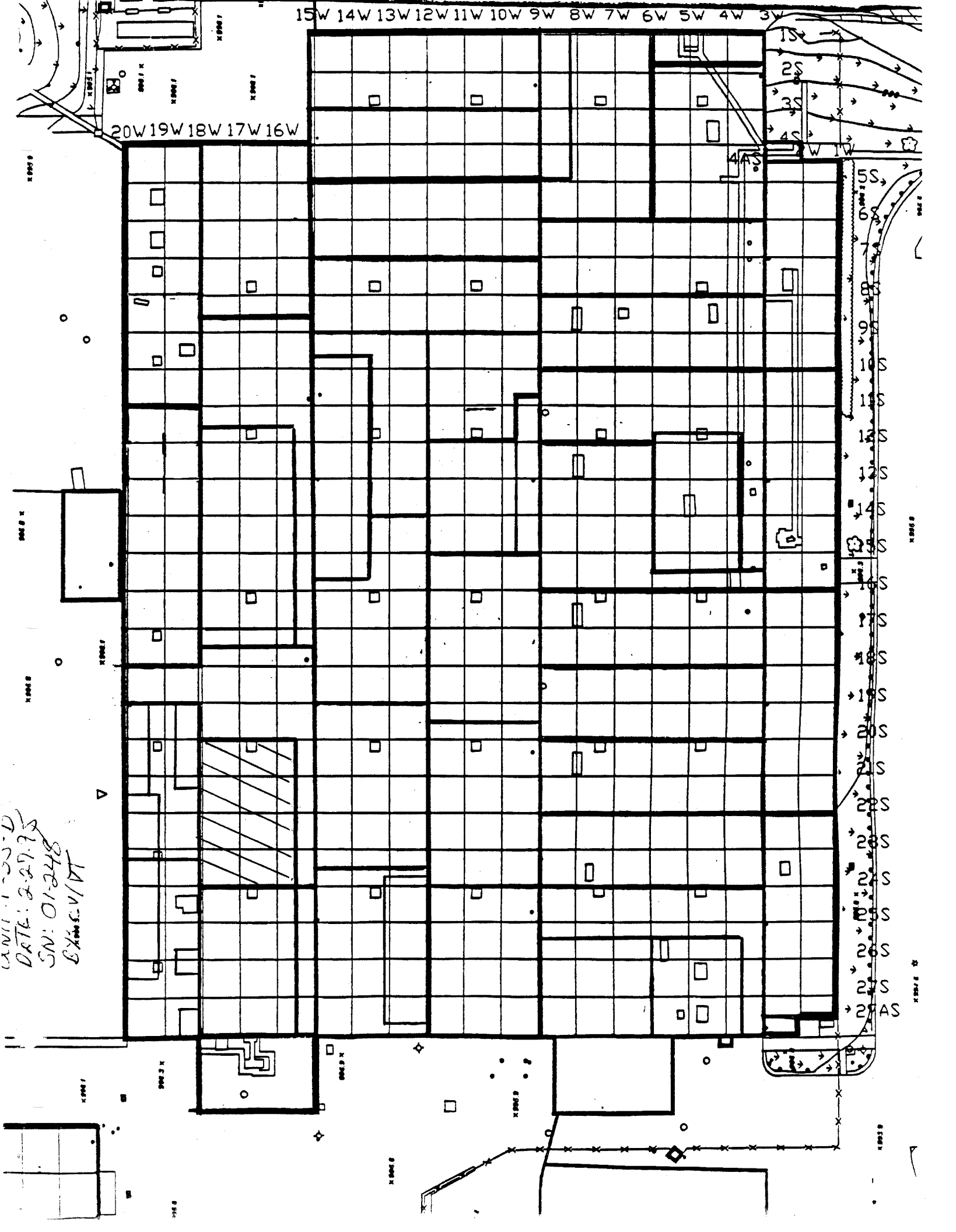
Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2.5	1	N/A	N/A	N/A	N/A	4	6	176	11	293	180	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	3.5	1	N/A	N/A	N/A	N/A	4	6	221	11	226	180	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	9	1	N/A	N/A	N/A	N/A	3	6	214	11	289	220	-0.74	2	-1.01	3	NORTH WALL
PAINTED BLOCK	11	0.5	N/A	N/A	N/A	N/A	2	6	203	11	291	210	0.76	2	4.39	3	NORTH WALL
PAINTED BLOCK	12	1	N/A	N/A	N/A	N/A	3	6	194	11	253	180	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	1	6	218	11	292	230	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	4	0.5	N/A	N/A	N/A	N/A	3	6	222	11	334	210	0.76	2	0.34	3	EAST WALL
PAINTED BLOCK	6	1	N/A	N/A	N/A	N/A	1	6	240	11	255	220	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	2	6	194	11	347	180	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	1	6	333	11	265	210	2.26	2	3.04	3	EAST WALL
PAINTED BLOCK	16	0.5	N/A	N/A	N/A	N/A	2	6	193	11	384	210	0.76	2	-3.71	3	EAST WALL
PAINTED BLOCK	18	1	N/A	N/A	N/A	N/A	4	6	220	11	304	200	0.76	2	-3.71	3	EAST WALL
PAINTED BLOCK	21	1	N/A	N/A	N/A	N/A	1	6	191	11	306	180	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	1	6	156	11	235	160	0.76	2	1.69	3	WEST WALL
PAINTED BLOCK	7	0.5	N/A	N/A	N/A	N/A	0	6	174	11	222	170	-0.74	2	4.39	3	WEST WALL
PAINTED BLOCK	9	1.5	N/A	N/A	N/A	N/A	1	6	164	11	268	170	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	0	6	177	11	279	190	0.76	2	-1.01	3	WEST WALL
PAINTED BLOCK	12.7	0.5	N/A	N/A	N/A	N/A	2	6	175	11	201	150	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	16	2	N/A	N/A	N/A	N/A	1	6	173	11	238	170	2.26	2	1.69	3	WEST WALL

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

20W 19W 18W 17W 16W



DATE: 2-27-75
SN: 01-248
BY: CV/DT

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-248.XLD
 Batch Ended: 5/18/95 9:45
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-35B-1

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
55	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 9:05
56	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 9:07
57	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 9:09
58	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/18/95 9:12
59	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 9:14
60	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/18/95 9:16
61	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/18/95 9:18
62	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 9:20
63	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 9:23
64	2.258	2.12	<AL	7.53	3.04	3.31	<MDA	12.28	2.00	0.754	1.13	5/18/95 9:25
65	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 9:27
66	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 9:29
67	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 9:31
68	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/18/95 9:34
69	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/18/95 9:36
70	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 9:38
71	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 9:40
72	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 9:42
73	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	5/18/95 9:45

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-249
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	34
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/27/95
--------------	---------

Count Date:	5/18/95
-------------	---------

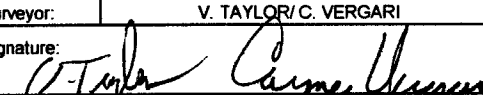
Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	4

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	260

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

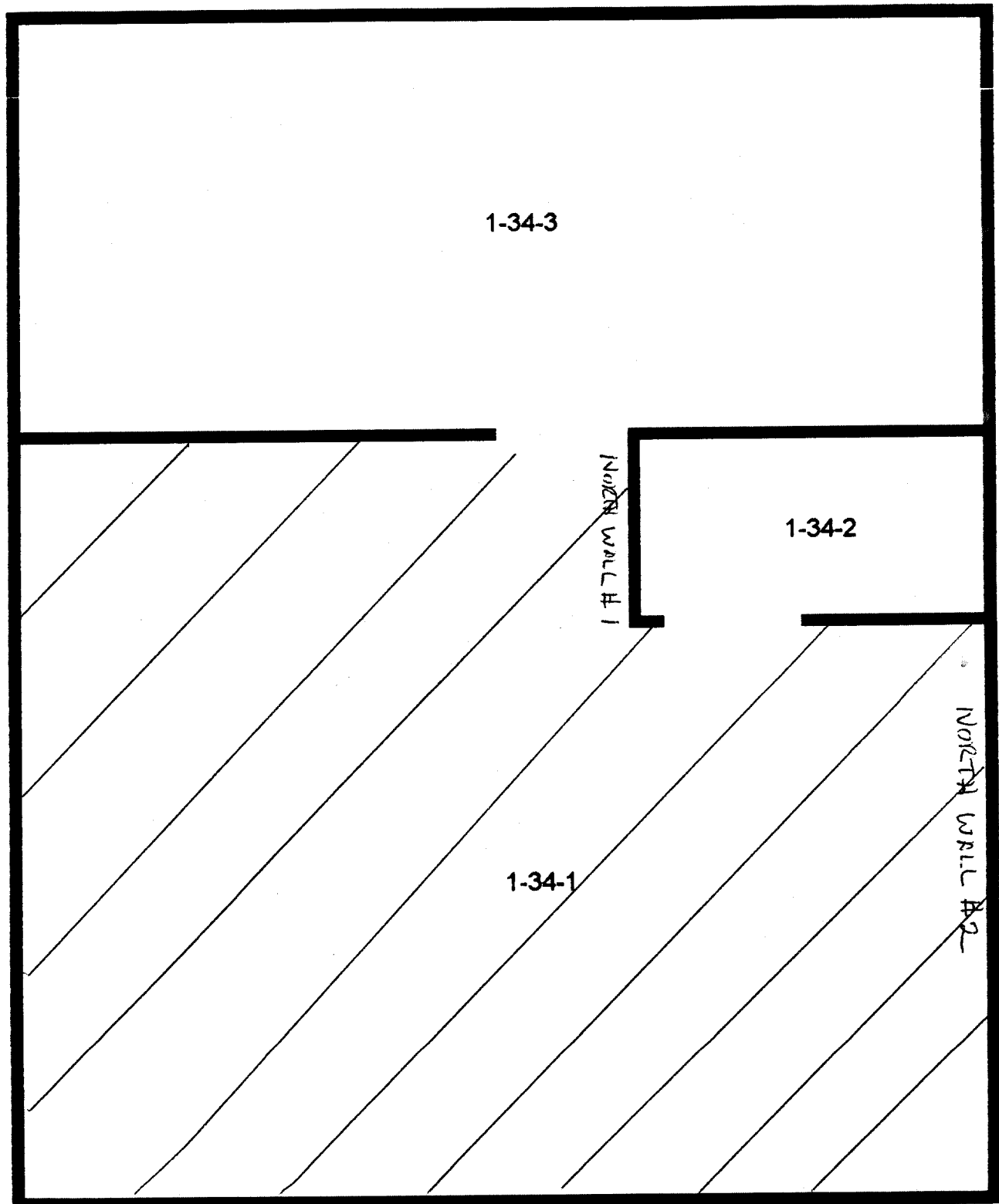
Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1.5	1	N/A	N/A	N/A	N/A	2	6	203	11	251	190	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	2	6	207	11	303	230	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	0	6	194	11	305	200	2.26	2	-2.36	3	EAST WALL
PAINTED BLOCK	8	1	N/A	N/A	N/A	N/A	2	6	253	11	379	240	0.76	2	-5.06	3	EAST WALL
PAINTED BLOCK	11	1.5	N/A	N/A	N/A	N/A	4	6	284	11	412	250	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	2	2	N/A	N/A	N/A	N/A	2	6	221	11	287	230	-0.74	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	5	1.5	N/A	N/A	N/A	N/A	0	6	250	11	239	220	0.76	2	1.69	3	SOUTH WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	0	6	289	11	326	260	-0.74	2	1.69	3	NORTH WALL #1
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	3	6	265	11	355	260	-0.74	2	-1.01	3	NORTH WALL #1
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	1	6	275	11	381	260	0.76	2	3.04	3	WEST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	1	6	251	11	285	230	0.76	2	4.39	3	NORTH WALL #2

UNIT: 1-34-1
SN: 01249
DATE: 2-27-95
BY: CV/VT

**SURVEY UNIT 1-34
ATTACHMENT MAP**

BUILDING NORTH →



LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-249.XLD
 Batch Ended: 5/18/95 10:09
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-34-1

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
74	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 9:47
75	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 9:49
76	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/18/95 9:51
77	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/18/95 9:54
78	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 9:56
79	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 9:58
80	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/18/95 10:00
81	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 10:02
82	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 10:04
83	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/18/95 10:07
84	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/18/95 10:09

Blairsville Point Survey Form #003

Survey Serial #:	01-250
------------------	--------

Survey Section:	1
Survey Unit:	34
Survey Sub-unit:	2

Classification:	4
Survey Type:	LOWER

Survey Date:	2/27/95
Count Date:	5/18/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	274

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	<i>V. Taylor C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	3	6	285	11	384	290	-0.74	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	3	6	298	11	404	260	-0.74	2	1.69	3	WEST WALL
PAINTED BLOCK	1.5	1	N/A	N/A	N/A	N/A	1	6	217	11	271	180	0.76	2	4.39	3	NORTH WALL

UNIT: 1-34-2

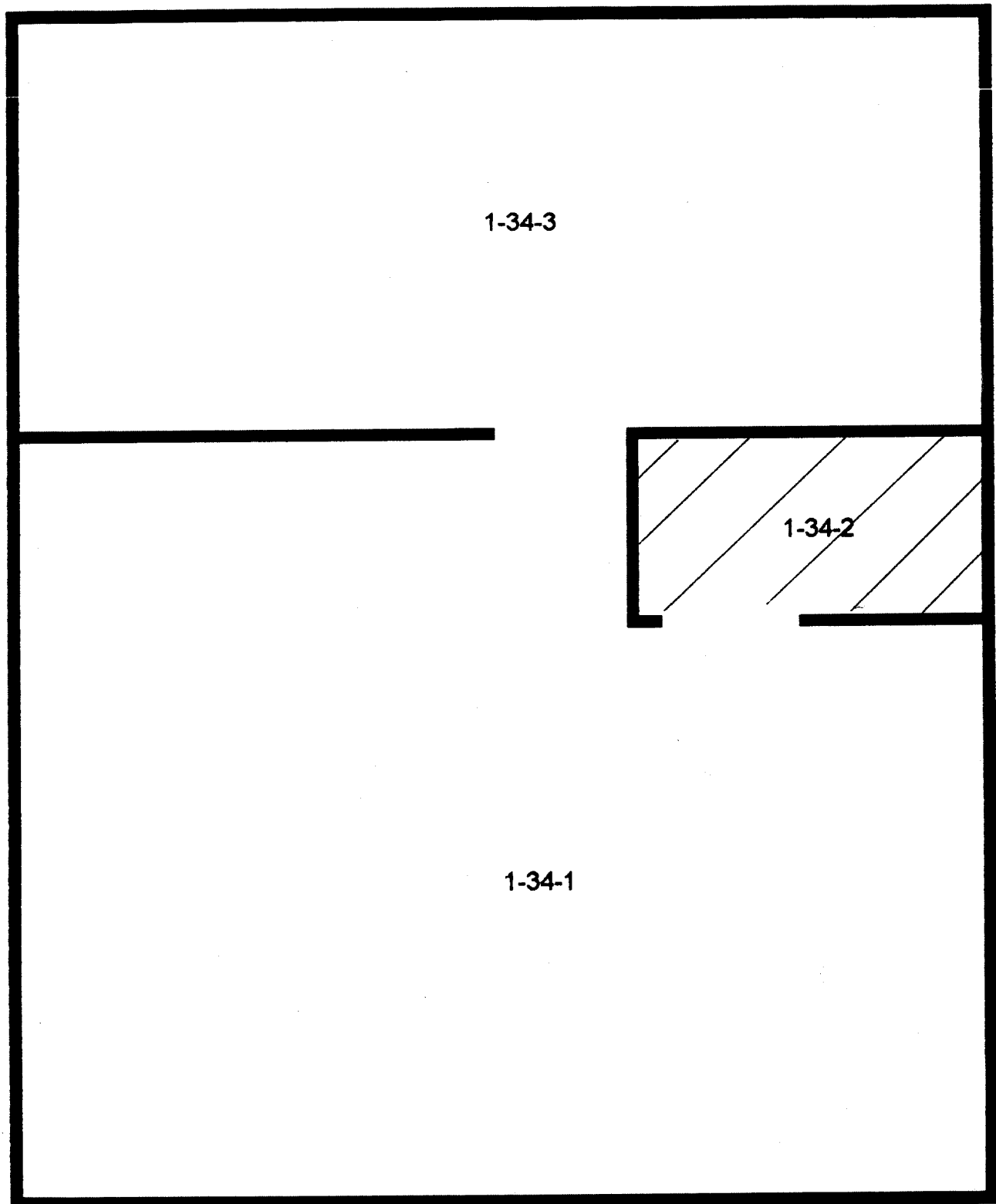
SIN: 01-250

DATE: 2-27-75

BY: CV/VT

**SURVEY UNIT 1-34
ATTACHMENT MAP**

BUILDING NORTH →



LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-250.XLD
 Batch Ended: 5/18/95 10:16
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-34-2

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
85	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 10:11
86	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 10:13
87	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/18/95 10:16

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-251
------------------	--------

Survey Section:	1
Survey Unit:	34
Survey Sub-unit:	3

Classification:	4
Survey Type:	LOWER

Survey Date:	2/27/95
Count Date:	5/18/95

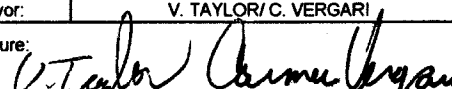
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	274

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

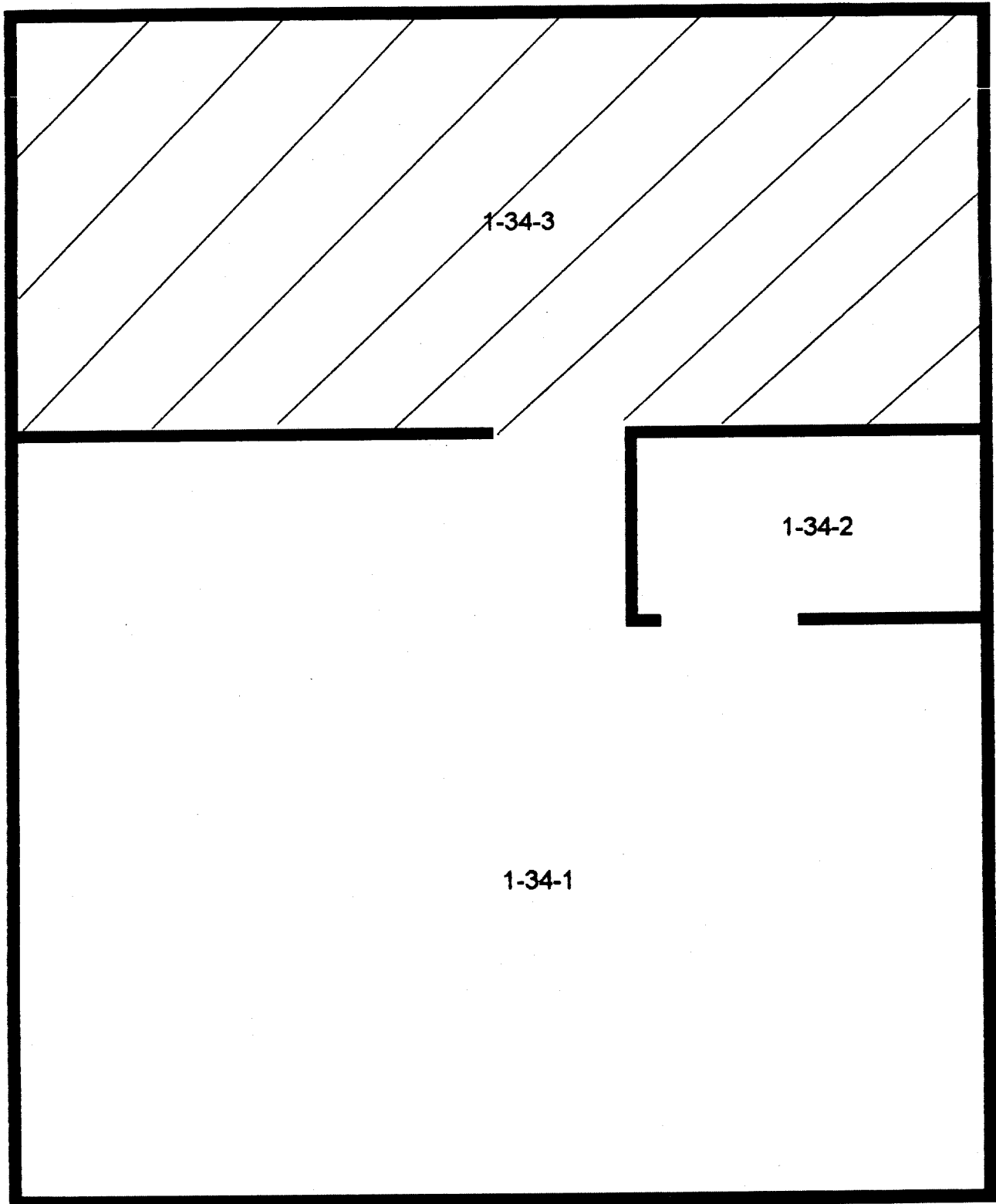
Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	9	1	N/A	N/A	N/A	N/A	1	6	292	11	307	260	-0.74	2	-5.06	3	EAST WALL
PAINTED BLOCK	11	1.5	N/A	N/A	N/A	N/A	3	6	274	11	321	240	0.76	2	3.04	3	EAST WALL
PAINTED BLOCK	1.5	1.5	N/A	N/A	N/A	N/A	2	6	246	11	278	230	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	2	6	212	11	308	220	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	1	6	206	11	254	180	-0.74	2	-3.71	3	NORTH WALL

UNIT: 1-34-3
SN: 01-251
DATE: 2-27-95
BY: CV/VT

**SURVEY UNIT 1-34
ATTACHMENT MAP**

BUILDING NORTH →



LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-251.XLD
 Batch Ended: 5/18/95 10:26
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Batch ID: Blairsville 1-34-3													
Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion	
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time	
88	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 10:18	
89	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/18/95 10:20	
90	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 10:22	
91	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 10:24	
92	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 10:26	

Blairsville Point Survey Form #003

Survey Serial #: 01-252

Survey Section: 1

Survey Unit: 19

Survey Sub-unit: 4

Classification: 4

Survey Type: LOWER

Survey Date: 2/28/95

Count Date: 5/18/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	261

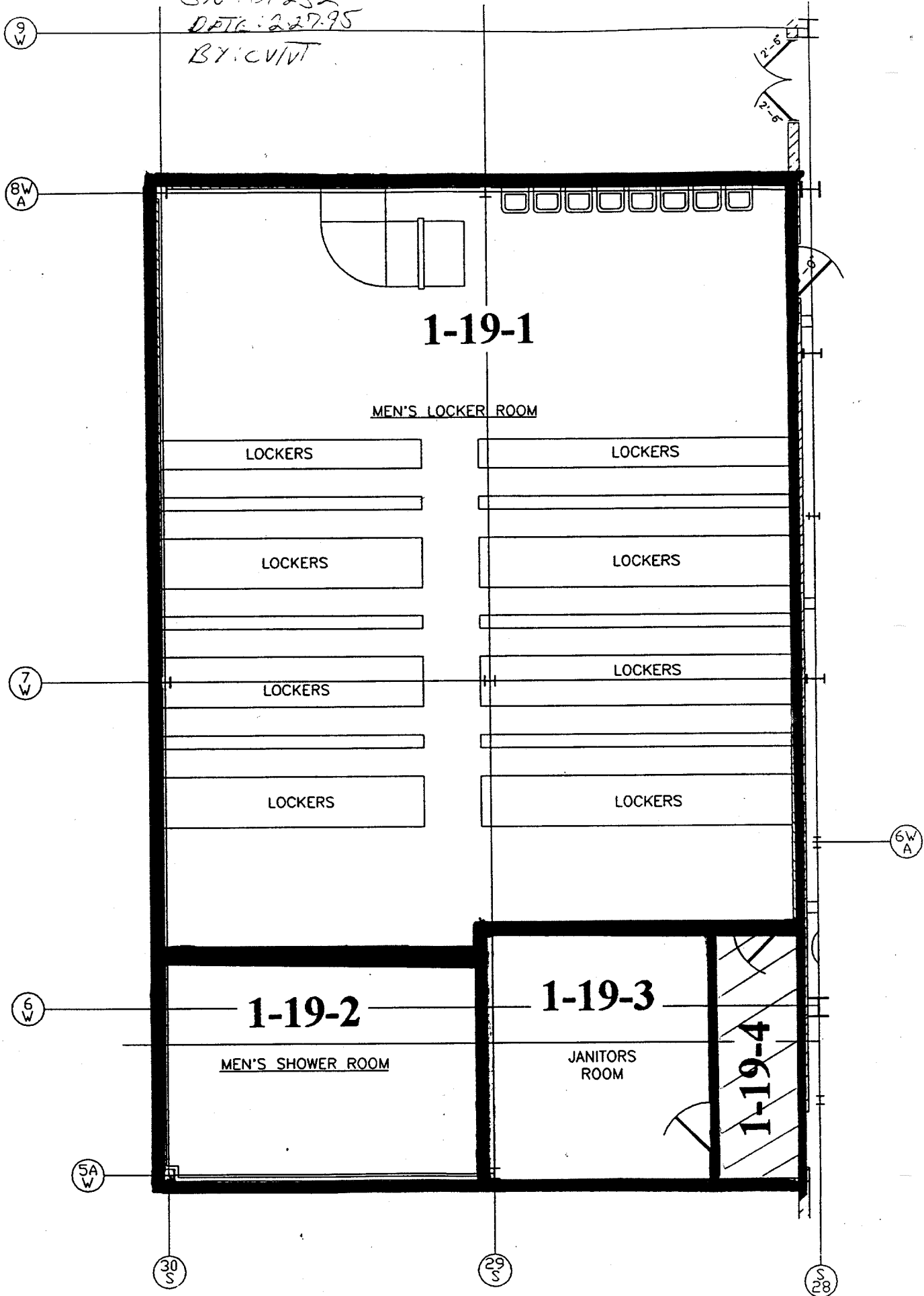
Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	1	6	286	11	362	260	0.76	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	6	271	11	357	220	-0.74	2	-5.06	3	SOUTH WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	2	6	186	11	303	180	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	2	6	244	11	344	230	-0.74	2	-1.01	3	EAST WALL

UNIT: 1-19-4
SN: 101252
DATE: 2-27-95
BY: CV/VT



LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-252.XLD
 Batch Ended: 5/18/95 10:35
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-19-4

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
93	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 10:29
94	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 10:31
95	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 10:33
96	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 10:35

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-253
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	19
--------------	----

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/28/95
--------------	---------

Count Date:	5/18/95
-------------	---------

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	478

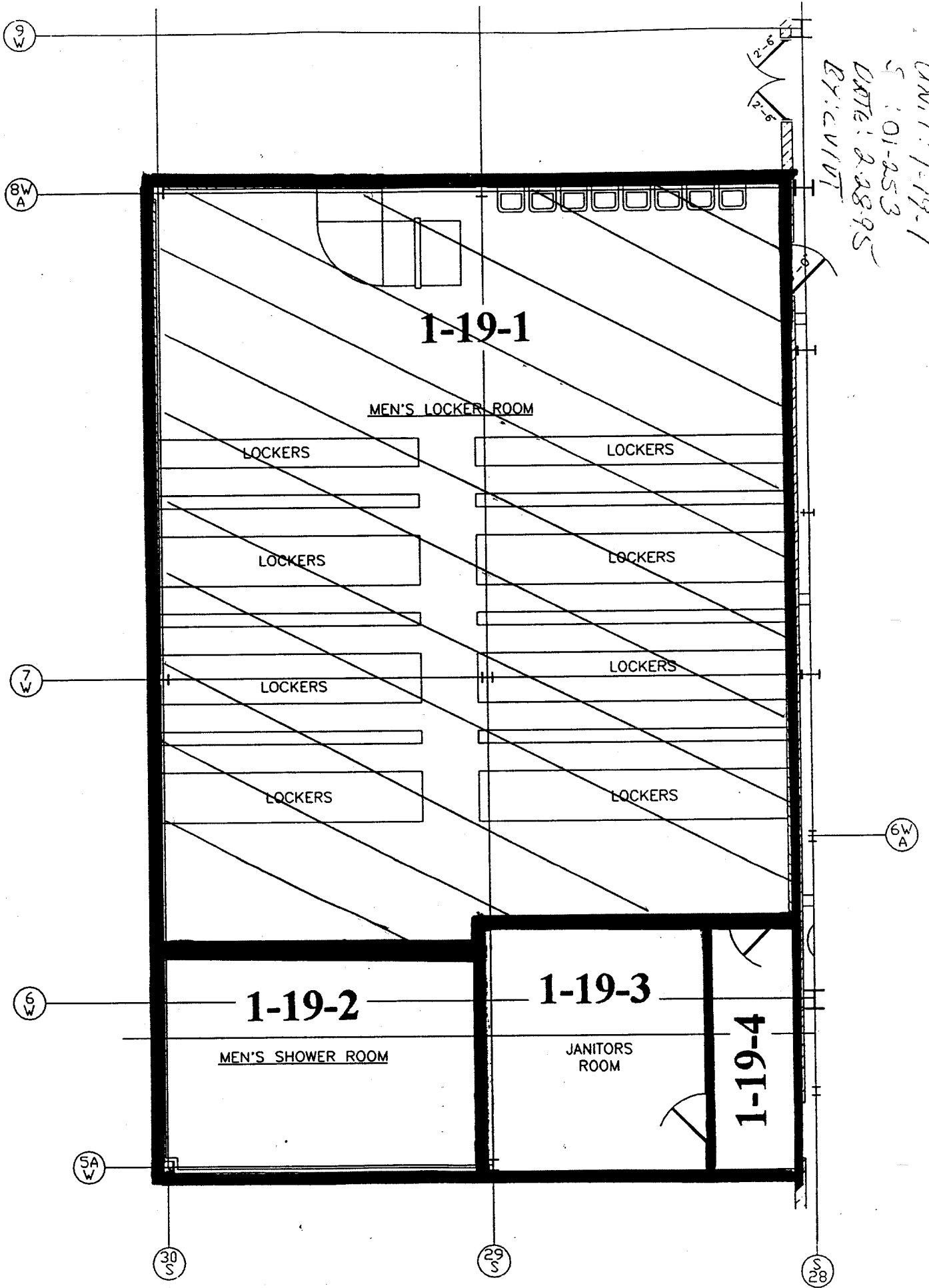
Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	<i>V. Taylor C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
GLAZED BRICK	2	0.5	N/A	N/A	N/A	N/A	18	6	644	11	709	550	0.76	2	-3.71	3	EAST WALL
GLAZED BRICK	4	1	N/A	N/A	N/A	N/A	12	6	699	11	731	610	-0.74	2	-1.01	3	EAST WALL
GLAZED BRICK	5.5	0.5	N/A	N/A	N/A	N/A	13	6	658	11	739	620	0.76	2	0.34	3	EAST WALL
GLAZED BRICK	2	1	N/A	N/A	N/A	N/A	18	6	715	11	765	600	-0.74	2	4.39	3	SOUTH WALL
GLAZED BRICK	4	1.5	N/A	N/A	N/A	N/A	19	6	664	11	742	550	-0.74	2	0.34	3	SOUTH WALL
GLAZED BRICK	6	0.5	N/A	N/A	N/A	N/A	19	6	678	11	801	640	0.76	2	-3.71	3	SOUTH WALL
GLAZED BRICK	9	1	N/A	N/A	N/A	N/A	23	6	641	11	750	630	-0.74	2	-2.36	3	SOUTH WALL
GLAZED BRICK	11	0.5	N/A	N/A	N/A	N/A	25	6	618	11	738	560	-0.74	2	-3.71	3	SOUTH WALL
GLAZED BRICK	13	1.5	N/A	N/A	N/A	N/A	19	6	676	11	745	620	-0.74	2	0.34	3	SOUTH WALL
GLAZED BRICK	2	1	N/A	N/A	N/A	N/A	17	6	670	11	778	650	-0.74	2	1.69	3	WEST WALL
GLAZED BRICK	5	1.5	N/A	N/A	N/A	N/A	10	6	645	11	677	640	-0.74	2	-2.36	3	WEST WALL
GLAZED BRICK	7	1.5	N/A	N/A	N/A	N/A	16	6	645	11	750	600	-0.74	2	1.69	3	WEST WALL
GLAZED BRICK	9	1.5	N/A	N/A	N/A	N/A	22	6	693	11	707	650	-0.74	2	1.69	3	WEST WALL
GLAZED BRICK	11	1.5	N/A	N/A	N/A	N/A	17	6	665	11	726	580	0.76	2	-2.36	3	WEST WALL
GLAZED BRICK	0.5	0.5	N/A	N/A	N/A	N/A	17	6	653	11	746	550	2.26	2	0.34	3	NORTH WALL
GLAZED BRICK	4	1	N/A	N/A	N/A	N/A	14	6	616	11	809	620	-0.74	2	-2.36	3	NORTH WALL
GLAZED BRICK	6	1.5	N/A	N/A	N/A	N/A	15	6	596	11	698	600	-0.74	2	-5.06	3	NORTH WALL
GLAZED BRICK	8	1	N/A	N/A	N/A	N/A	31	6	592	11	742	610	-0.74	2	-2.36	3	NORTH WALL
GLAZED BRICK	10	1.5	N/A	N/A	N/A	N/A	16	6	666	11	721	580	2.26	2	-5.06	3	NORTH WALL
GLAZED BRICK	12	0.5	N/A	N/A	N/A	N/A	13	6	649	11	829	570	-0.74	2	-1.01	3	NORTH WALL



LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-253.XLD
 Batch Ended: 5/18/95 11:21
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-19-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
97	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 10:38
98	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 10:40
99	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/18/95 10:42
100	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/18/95 10:44
1	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 10:46
2	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 10:49
3	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 10:51
4	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 10:53
5	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 10:55
6	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 10:57
7	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 11:00
8	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 11:02
9	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 11:04
10	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/18/95 11:06
11	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/18/95 11:08
12	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 11:11
13	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 11:13
14	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 11:15
15	2.258	2.12	<AL	7.53	-5.06	1.37	<MDA	12.28	2.00	0.754	-1.88	5/18/95 11:17
16	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 11:19
17	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 11:21

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point survey Form #003

Survey Serial #:	01-254
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	19
--------------	----

Survey Sub-unit:	2
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	2/28/95
--------------	---------

Count Date:	5/18/95
-------------	---------

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	540

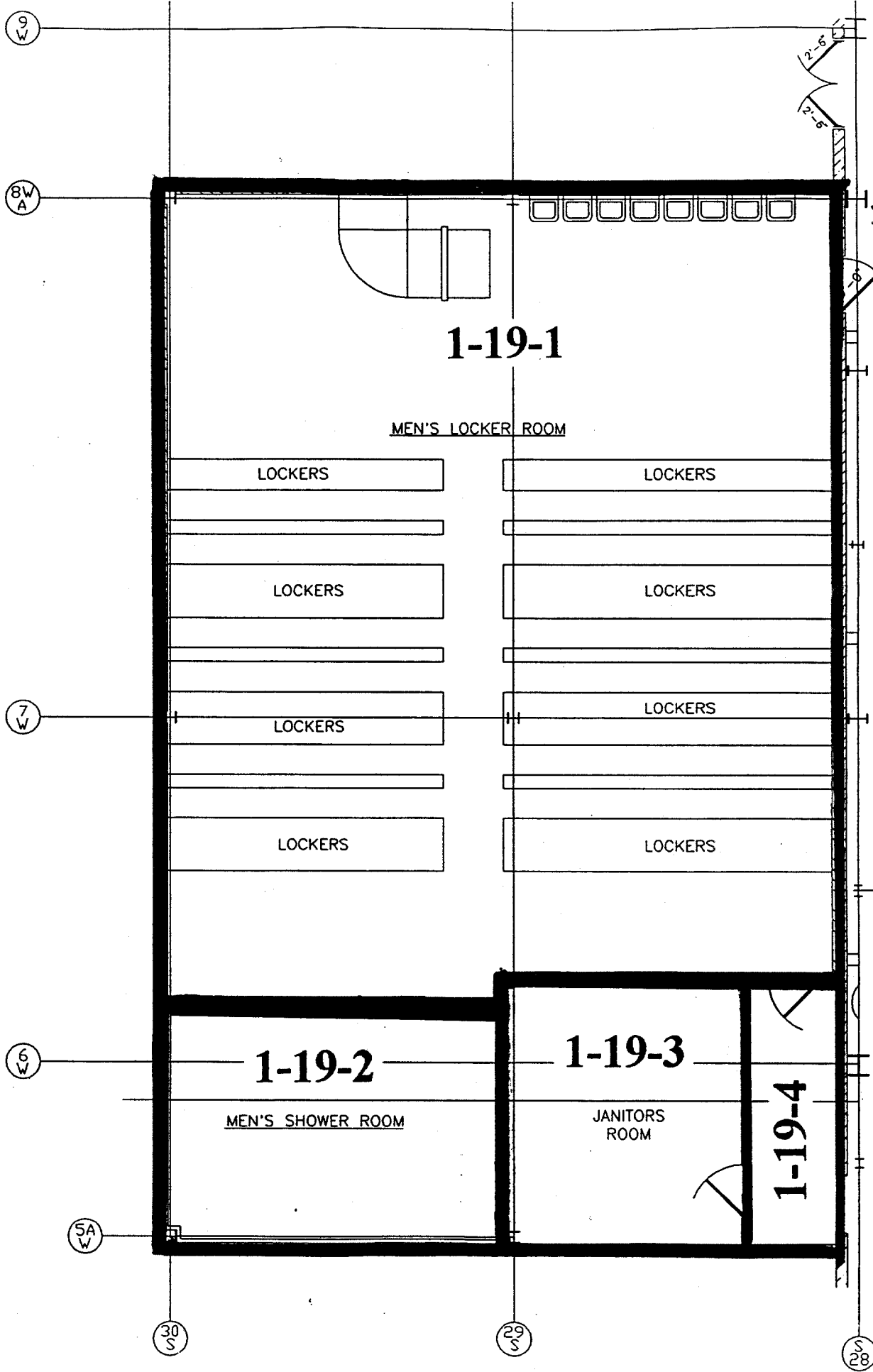
Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	<i>V. Taylor C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/ Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
GLAZED BRICK	2	0.5	N/A	N/A	N/A	N/A	12	6	734	11	806	670	-0.74	2	-2.36	3	NORTH WALL
GLAZED BRICK	4	1	N/A	N/A	N/A	N/A	15	6	665	11	839	640	-0.74	2	1.69	3	NORTH WALL
GLAZED BRICK	2	1.5	N/A	N/A	N/A	N/A	17	6	675	11	831	670	0.76	2	-2.36	3	EAST WALL
GLAZED BRICK	4	0.5	N/A	N/A	N/A	N/A	21	6	685	11	728	650	0.76	2	0.34	3	EAST WALL
GLAZED BRICK	2	1	N/A	N/A	N/A	N/A	16	6	694	11	700	655	-0.74	2	1.69	3	SOUTH WALL
GLAZED BRICK	2	0.5	N/A	N/A	N/A	N/A	17	6	709	11	775	670	0.76	2	-1.01	3	WEST WALL
GLAZED BRICK	4	1	N/A	N/A	N/A	N/A	9	6	689	11	757	600	0.76	2	-3.71	3	WEST WALL



1-19-1

MEN'S LOCKER ROOM

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

1-19-2

MEN'S SHOWER ROOM

1-19-3

JANITORS ROOM

1-19-4

UNIT: 1-19-2
SN: 01-254
DATE: 2-28-95
BY: CIV/VT

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-254.XLD
 Batch Ended: 5/18/95 11:37
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-19-2

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
18	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 11:24
19	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 11:26
20	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/18/95 11:28
21	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/18/95 11:30
22	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 11:33
23	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 11:35
24	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 11:37

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #: 01-255

Survey Section: 1

Survey Unit: 19

Survey Sub-unit: 3

Classification: 4

Survey Type: LOWER

Survey Date: 2/28/95

Count Date: 5/18/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	1

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	243

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor Carmen Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	3	6	293	11	413	260	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	1	6	275	11	422	270	0.76	2	-3.71	3	SOUTH WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	1	6	288	11	396	250	-0.74	2	-2.36	3	WEST WALL

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-255.XLD
 Batch Ended: 5/18/95 11:44
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-19-3

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 11:39
2	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 11:41
3	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 11:44

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

9
W

8W
A

7
W

6
W

5A
W

30
S

29
S

S
28

2'-6"
2'-6"

UN11-11-1-5
V. 01-255
DATE: 2.28.95
BY: CV/VT

1-19-1

MEN'S LOCKER ROOM

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

LOCKERS

1-19-2

MEN'S SHOWER ROOM

1-19-3

JANITORS
ROOM

1-19-4

Blairsville Point Survey Form #003

Survey Serial #: 01-256

Survey Section: 1

Survey Unit: 43

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 2/28/95

Count Date: 5/18/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	3

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	165

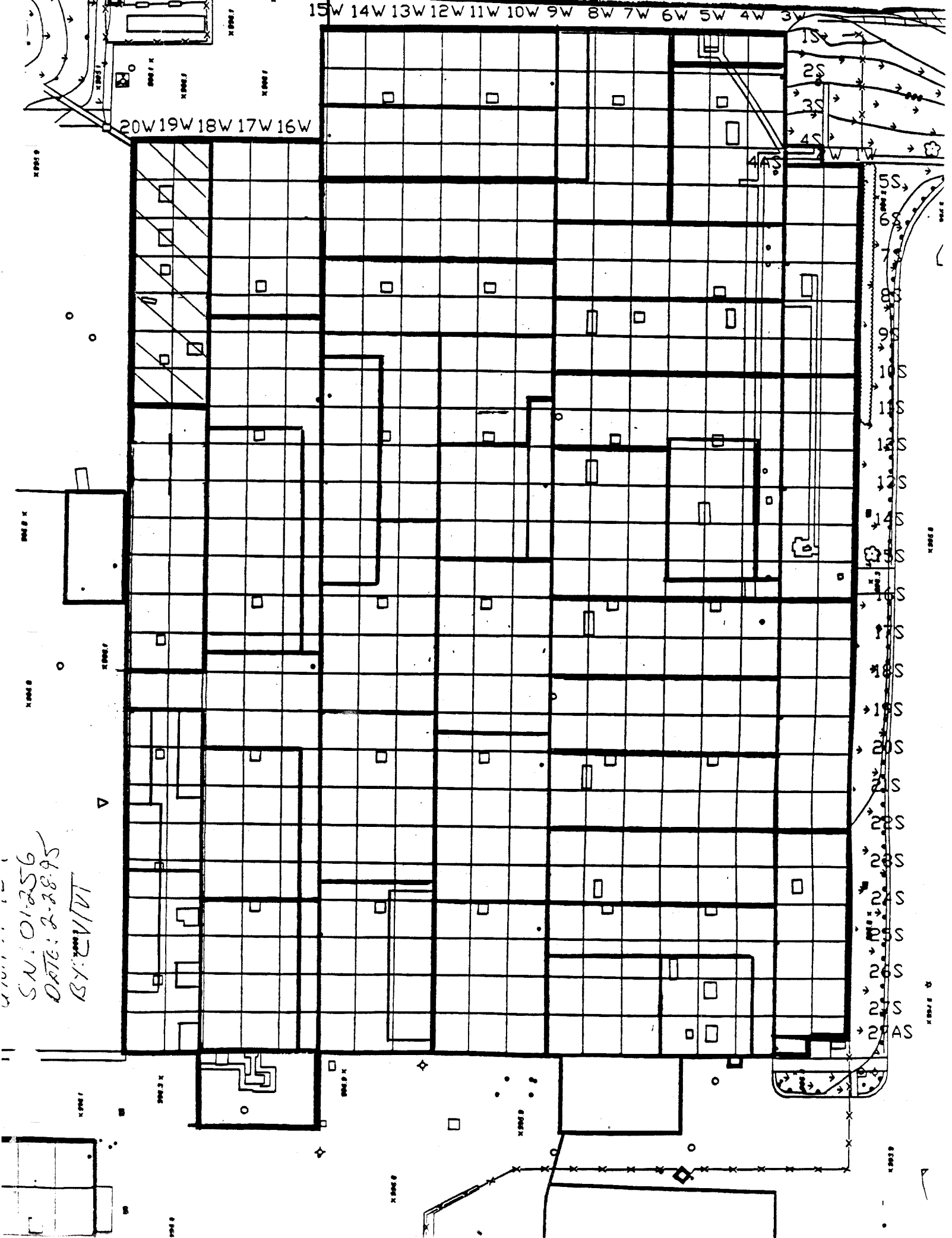
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI

Signature: *V. Taylor* *C. Vergari*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	0.3	0.5	N/A	N/A	N/A	N/A	1	6	205	11	236	170	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	8.7	1.5	N/A	N/A	N/A	N/A	2	6	187	11	232	150	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	12	0.5	N/A	N/A	N/A	N/A	1	6	197	11	252	170	0.76	2	-1.01	3	EAST WALL
PAINTED BLOCK	17	1	N/A	N/A	N/A	N/A	1	6	171	11	277	180	-0.74	2	-5.06	3	EAST WALL
PAINTED BLOCK	19	1.5	N/A	N/A	N/A	N/A	2	6	172	11	241	150	-0.74	2	-5.06	3	EAST WALL
PAINTED BLOCK	27	1.5	N/A	N/A	N/A	N/A	2	6	206	11	353	210	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	29	1	N/A	N/A	N/A	N/A	0	6	165	11	231	170	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	39.5	0.5	N/A	N/A	N/A	N/A	1	6	183	11	242	180	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	1	6	196	11	298	180	-0.74	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	0	6	150	11	346	180	-0.74	2	1.69	3	SOUTH WALL
PAINTED BLOCK	8	1.5	N/A	N/A	N/A	N/A	0	6	271	11	365	250	-0.74	2	1.69	3	SOUTH WALL
PAINTED BLOCK	10	1	N/A	N/A	N/A	N/A	2	6	245	11	299	240	-0.74	2	0.34	3	SOUTH WALL
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	1	6	269	11	326	230	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	16.4	1	N/A	N/A	N/A	N/A	4	6	264	11	345	240	-0.74	2	-2.36	3	WEST WALL
PAINTED BLOCK	20.4	0.5	N/A	N/A	N/A	N/A	2	6	146	11	220	150	0.76	2	-1.01	3	WEST WALL
PAINTED BLOCK	26	0.5	N/A	N/A	N/A	N/A	3	6	165	11	271	170	-0.74	2	-1.01	3	WEST WALL
PAINTED BLOCK	28	1	N/A	N/A	N/A	N/A	3	6	155	11	227	150	-0.74	2	5.73	3	WEST WALL
PAINTED BLOCK	36	1	N/A	N/A	N/A	N/A	1	6	160	11	205	170	-0.74	2	0.34	3	WEST WALL
PAINTED BLOCK	39	1.5	N/A	N/A	N/A	N/A	5	6	183	11	256	180	0.76	2	0.34	3	WEST WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	1	6	182	11	279	160	0.76	2	5.73	3	NORTH WALL



LB5100-W Low Background Counting System – Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-256.XLD
 Batch Ended: 5/18/95 12:28
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-43-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
4	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 11:46
5	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 11:48
6	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 11:50
7	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 11:52
8	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 11:55
9	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 11:57
10	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 11:59
11	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 12:01
12	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 12:03
13	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 12:06
14	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 12:08
15	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 12:10
16	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 12:12
17	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 12:14
18	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 12:17
19	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 12:19
20	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	5/18/95 12:21
21	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 12:23
22	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/18/95 12:25
23	0.760	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	0.254	2.13	5/18/95 12:28

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-257
Survey Section:	1
Survey Unit:	41
Survey Sub-unit:	1

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	3

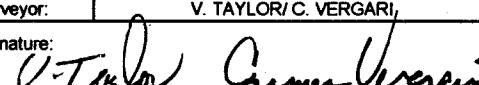
Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	164

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Classification:	4
Survey Type:	LOWER

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

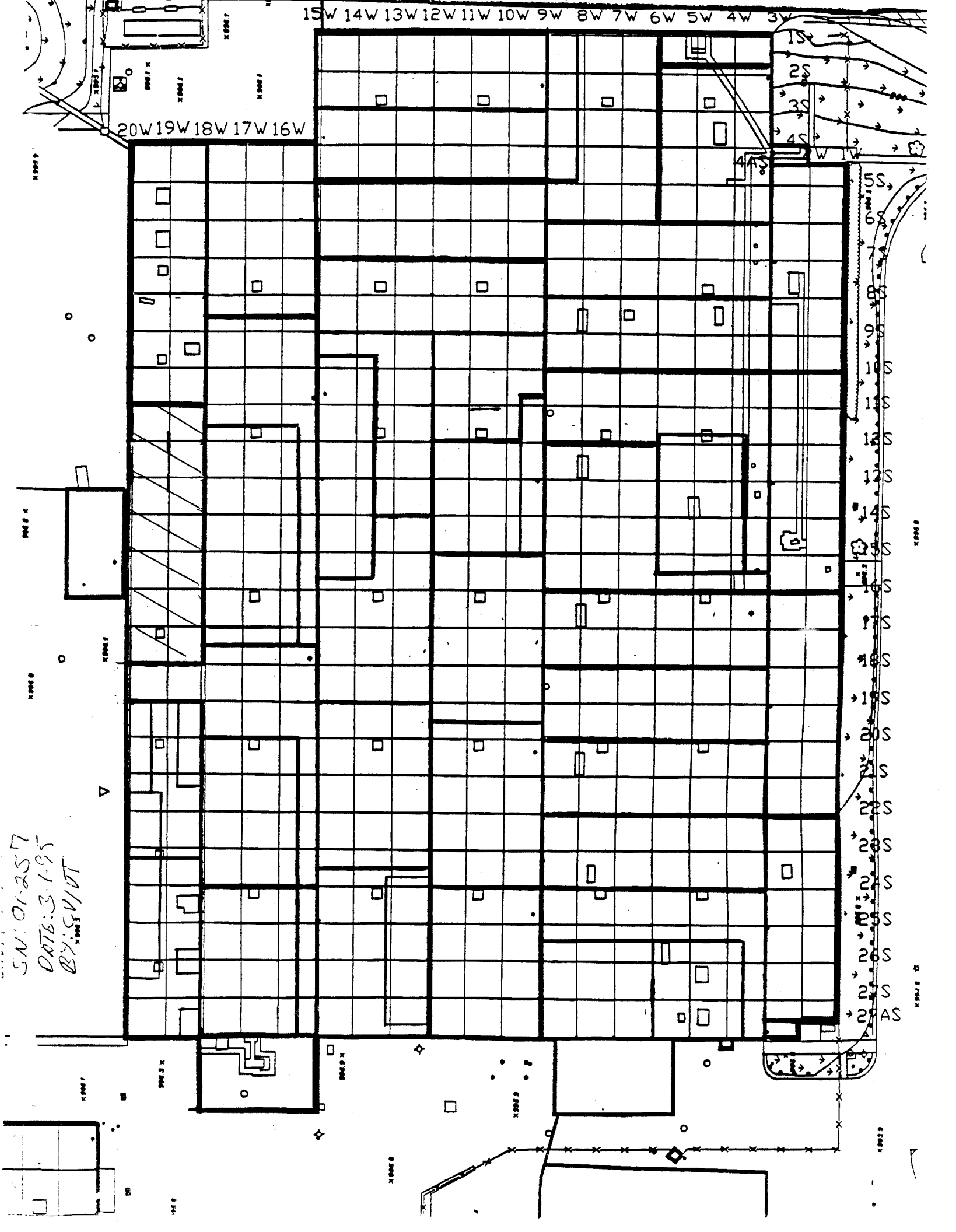
Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	1.2	1.5	N/A	N/A	N/A	N/A	1	6	269	11	308	250	-0.74	2	-1.01	3	NORTH WALL
PAINTED BLOCK	5	0.5	N/A	N/A	N/A	N/A	3	6	282	11	379	260	-0.74	2	-3.71	3	NORTH WALL
PAINTED BLOCK	6.5	1.5	N/A	N/A	N/A	N/A	0	6	162	11	243	170	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	7.5	1	N/A	N/A	N/A	N/A	2	6	162	11	214	160	-0.74	2	-5.06	3	NORTH WALL
PAINTED BLOCK	9.5	1.3	N/A	N/A	N/A	N/A	0	6	154	11	311	180	-0.74	2	0.34	3	NORTH WALL
PAINTED BLOCK	11.5	1	N/A	N/A	N/A	N/A	1	6	137	11	203	150	2.26	2	-1.01	3	NORTH WALL
PAINTED BLOCK	0.5	0.5	N/A	N/A	N/A	N/A	3	6	219	11	274	190	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	3	1	N/A	N/A	N/A	N/A	2	6	224	11	229	190	-0.74	2	-5.06	3	EAST WALL
PAINTED BLOCK	15	1.2	N/A	N/A	N/A	N/A	2	6	159	11	193	150	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	22.5	1.5	N/A	N/A	N/A	N/A	4	6	160	11	202	180	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	25.5	1.5	N/A	N/A	N/A	N/A	0	6	156	11	230	160	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	26	1.5	N/A	N/A	N/A	N/A	0	6	162	11	251	150	-0.74	2	3.04	3	EAST WALL
PAINTED BLOCK	28.5	1.5	N/A	N/A	N/A	N/A	4	6	169	11	267	150	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	31.5	1.5	N/A	N/A	N/A	N/A	0	6	149	11	166	140	-0.74	2	-1.01	3	EAST WALL
PAINTED BLOCK	39	1.5	N/A	N/A	N/A	N/A	0	6	160	11	197	150	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	1	0.5	N/A	N/A	N/A	N/A	2	6	205	11	319	220	0.76	2	0.34	3	SOUTH WALL

15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W

20W 19W 18W 17W 16W

SN: 01-257
DATE: 3-1-95
BY: S.V./DT



LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-257.XLD
 Batch Ended: 5/18/95 13:03
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-41-1

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
24	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 12:30
25	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 12:32
26	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 12:34
27	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 12:36
28	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 12:39
29	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/18/95 12:41
30	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 12:43
31	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 12:45
32	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 12:47
33	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 12:50
34	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 12:52
35	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/18/95 12:54
36	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 12:56
37	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 12:58
38	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 13:01
39	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/18/95 13:03

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Blairsville Point survey Form #003

Survey Serial #:	01-258
------------------	--------

Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	4

Classification:	4
Survey Type:	LOWER

Survey Date:	3/1/95
Count Date:	5/18/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	476

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	<i>V. Taylor C. Vergari</i>

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
GLAZED BRICK	2	0.5	N/A	N/A	N/A	N/A	4	6	523	11	612	480	-0.74	2	-1.01	3	EAST WALL
GLAZED BRICK	3	1	N/A	N/A	N/A	N/A	3	6	502	11	613	480	-0.74	2	-1.01	3	EAST WALL
GLAZED BRICK	3	1.5	N/A	N/A	N/A	N/A	2	6	520	11	537	490	-0.74	2	-2.36	3	SOUTH WALL
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	2	6	270	11	331	230	-0.74	2	1.69	3	SOUTH WALL
GLAZED BRICK	2	1.5	N/A	N/A	N/A	N/A	6	6	513	11	615	460	-0.74	2	-3.71	3	WEST WALL
GLAZED BRICK	3	1	N/A	N/A	N/A	N/A	3	6	498	11	614	480	-0.74	2	0.34	3	NORTH WALL
GLAZED BRICK	5	1	N/A	N/A	N/A	N/A	5	6	546	11	624	510	-0.74	2	-3.71	3	NORTH WALL

UNIT: 1-5-4
SN. 01258
DATE: 3-1-95
BY: CV/T

1-5-1

1-5-5

1-5-3

1-5-2

1-5-4

STANDARDS
STORAGE
ROOM

GAGE ROOM

MENS
ROOM

GRANITE BLOCK

SINK

WORK
BENCH

STORAGE
CABINET

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

WAGE
CABINET

STORAGE
CABINET

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

WORK
BENCH

STORAGE
CABINET

HARDWARE
LATHE

UP

TRENCH (6" wide)

TRENCH (6" wide)

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/18/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-258.XLD
 Batch Ended: 5/18/95 14:02
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: bLAIRSVILLE 1-5-4

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 13:49
2	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 13:51
3	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 13:53
4	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 13:56
5	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 13:58
6	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 14:00
7	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 14:02

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #:	01-259
------------------	--------

Survey Section:	1
-----------------	---

Survey Unit:	5
--------------	---

Survey Sub-unit:	1
------------------	---

Classification:	4
-----------------	---

Survey Type:	LOWER
--------------	-------

Survey Date:	3/1/95
--------------	--------

Count Date:	5/18/95
-------------	---------

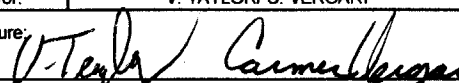
Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1588	8	20.3	4.93	2

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1595	12	32.4	3.09	285

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	8	244	12	359	250	-0.74	2	-1.01	3	SOUTH WALL #1
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	3	8	256	12	270	230	-0.74	2	-2.36	3	SOUTH WALL #1
PAINTED BLOCK	6	1.5	N/A	N/A	N/A	N/A	2	8	241	12	318	230	-0.74	2	-2.36	3	SOUTH WALL #1
PAINTED BLOCK	8	0.5	N/A	N/A	N/A	N/A	1	8	251	12	414	260	-0.74	2	-2.36	3	SOUTH WALL #1
PAINTED BLOCK	10	1	N/A	N/A	N/A	N/A	1	8	226	12	308	220	-0.74	2	0.34	3	SOUTH WALL #1
PAINTED BLOCK	12	1.5	N/A	N/A	N/A	N/A	2	8	272	12	433	240	-0.74	2	-2.36	3	SOUTH WALL #1
PAINTED BLOCK	14	0.5	N/A	N/A	N/A	N/A	1	8	263	12	345	250	0.76	2	-1.01	3	SOUTH WALL #1
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	1	8	281	12	379	260	0.76	2	4.39	3	NORTH WALL #1
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	8	277	12	304	230	-0.74	2	0.34	3	NORTH WALL #1
PAINTED BLOCK	8	1.5	N/A	N/A	N/A	N/A	2	8	249	12	389	220	0.76	2	-3.71	3	NORTH WALL #1
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	1	8	271	12	382	220	-0.74	2	0.34	3	NORTH WALL #1
PAINTED BLOCK	12	1	N/A	N/A	N/A	N/A	1	8	239	12	318	240	-0.74	2	-3.71	3	NORTH WALL #1
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	1	8	264	12	370	250	0.76	2	-2.36	3	SOUTH WALL #2
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	8	286	12	284	240	-0.74	2	-3.71	3	SOUTH WALL #2
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	8	317	12	435	240	-0.74	2	-3.71	3	NORTH WALL#2
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	2	8	346	12	420	350	-0.74	2	-3.71	3	NORTH WALL#2
PAINTED BLOCK	6	1.5	N/A	N/A	N/A	N/A	1	8	349	12	413	340	-0.74	2	7.08	3	NORTH WALL#2
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	2	8	308	12	361	280	-0.74	2	-3.71	3	WEST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	0	8	324	12	374	320	0.76	2	-3.71	3	WEST WALL
PAINTED BLOCK	2	1.5	N/A	N/A	N/A	N/A	1	8	245	12	342	220	-0.74	2	-5.06	3	EAST WALL
PAINTED BLOCK	4	1	N/A	N/A	N/A	N/A	4	8	265	12	424	260	-0.74	2	0.34	3	EAST WALL
PAINTED BLOCK	5.5	0.5	N/A	N/A	N/A	N/A	2	8	255	12	319	230	-0.74	2	-2.36	3	EAST WALL
PAINTED BLOCK	8.5	0.5	N/A	N/A	N/A	N/A	2	8	292	12	299	260	-0.74	2	-2.36	3	EAST WALL

Blairsville Point Survey Form #003

Survey Serial #: 01-259

Survey Section: 1

Survey Unit: 5

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 3/1/95

Count Date: 5/18/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	2

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	285

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *[Handwritten Signature]*

Surface Description	Coordinates		Gamma at 1m	Gamma Inst.	Beta/Gamma Contact	Beta/Gamma Code	Contact Gross 1 min. Count	Alpha Inst.	Contact Gross 1 min. Count	Beta Inst.	Scan Contact Gross CPM		Removable DPM/100 cm2	Alpha Count	Removable DPM/100 cm2	Beta Count	Comments
	X	Y	uR/hr	Code	mR/hr	Code	Alpha	Code	Beta	Code	Max Beta	Avg Beta	Alpha	Code	Beta	Code	
PAINTED BLOCK	10	0.5	N/A	N/A	N/A	N/A	0	8	303	12	414	280	0.76	2	-3.71	3	EAST WALL
PAINTED BLOCK	11.5	1	N/A	N/A	N/A	N/A	3	8	312	12	393	270	-0.74	2	0.34	3	EAST WALL

This detailed floor plan shows a laboratory facility with the following rooms and features:

- 1-20-1**: Top left room.
- 1-20-2**: Top right room.
- 1-20-4**: Middle left room.
- 1-20-3**: Middle right room, containing: FILE, FILE, DESK, DESK, PC, SHELF, FILE, DESK, DESK, and three FILE units.
- 1-6-1**: Far right room.
- 1-5-1**: Central corridor area with stairs labeled "UP".
- 1-5-3**: Room labeled "STANDARDS STORAGE ROOM".
- 1-5-5**: Room containing multiple WORK BENCH units.
- 1-5-2**: Large central room labeled "GAGE ROOM", containing a "GRANITE BLOCK" and a "HANDICE LATHE".
- 1-5-4**: Room labeled "MENS ROOM" with a "STORAGE CABINET".
- Other features**: "HOT WATER TANK" (circle), "OVERHEAD ROLLING STEEL DOOR", "SINK", "STORAGE CABINET", and "2' x 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES".
- Dimensions**: 8'-8 1/4", 8'-7", 60'-0" 6W to 3W.
- Notes**: "10'-0" ASLE", "A/C DUCT OVERHEAD", and "1'-0" ASLE".

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-259.XLD
 Batch Ended: 5/18/95 14:57
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-5-1

Carrier	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
8	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 14:04
9	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:07
10	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:09
11	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:11
12	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 14:13
13	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:15
14	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 14:17
15	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/18/95 14:20
16	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 14:22
17	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 14:24
18	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 14:26
19	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 14:28
20	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/18/95 14:31
21	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 14:33
22	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 14:35
23	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 14:37
24	-0.738	1.50	<MDA	7.53	7.08	4.06	<AL	12.28	2.00	-0.246	2.63	5/18/95 14:39
25	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 14:42
26	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 14:44
27	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/18/95 14:46
28	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 14:48
29	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:50
31	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:53
30	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/18/95 14:55

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-259.XLD
 Batch Ended: 5/18/95 14:57
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-5-1

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
32	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 14:57

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #: 01-260

Survey Section: 1

Survey Unit: 5

Survey Sub-unit: 2

Classification: 4

Survey Type: LOWER

Survey Date: 3/1/95

Count Date: 5/18/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	1

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	391

Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

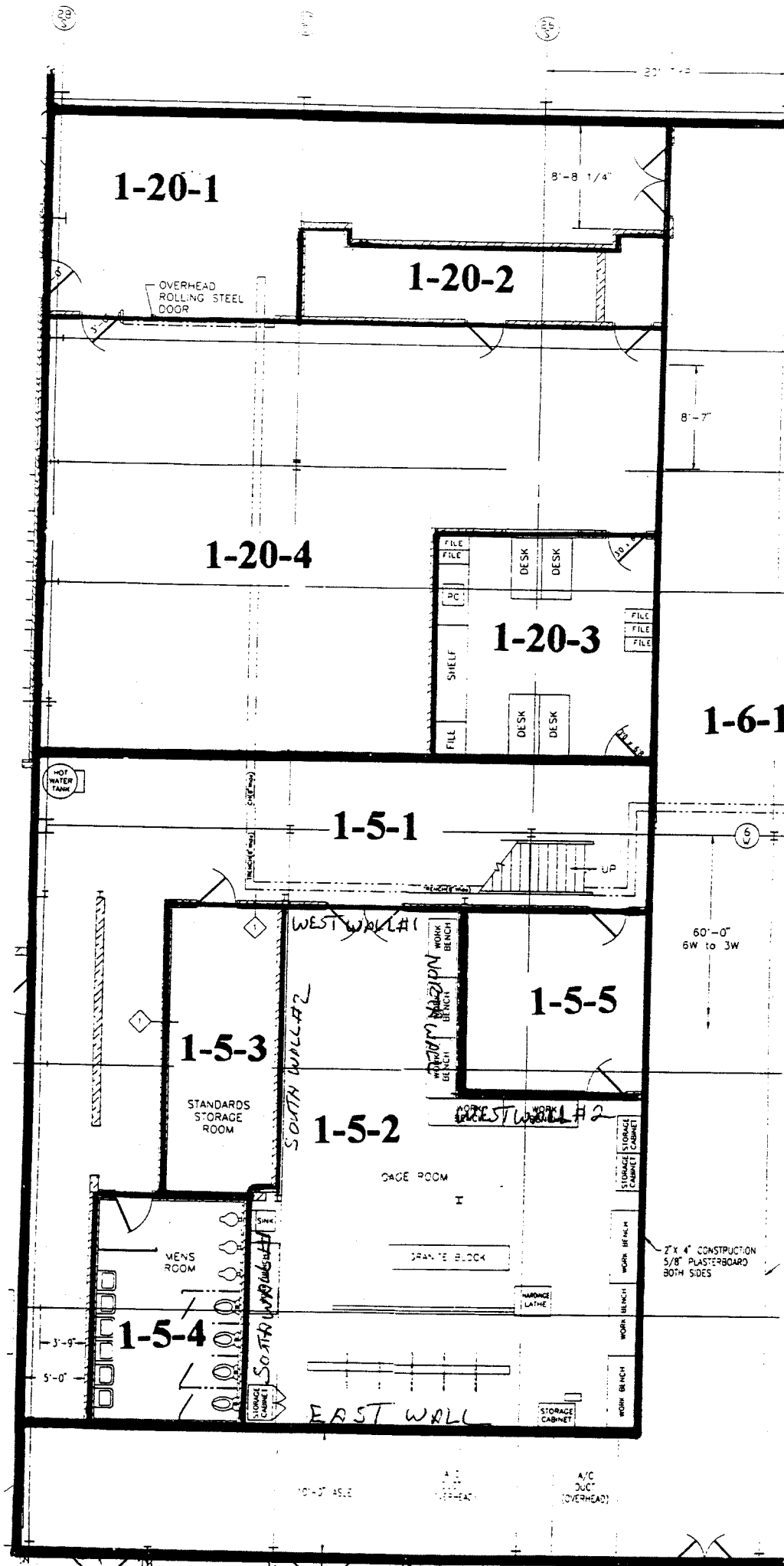
Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type

Surveyor: V. TAYLOR/ C. VERGARI

Signature: *V. Taylor* *Carmen Vergari*

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED TILE	2	1	N/A	N/A	N/A	N/A	1	8	439	12	654	450	-0.74	2	-2.36	3	SOUTH WALL #1
PAINTED TILE	4	1.5	N/A	N/A	N/A	N/A	1	8	502	12	619	490	-0.74	2	0.34	3	SOUTH WALL #1
PAINTED TILE	5	1.5	N/A	N/A	N/A	N/A	3	8	517	12	707	490	0.76	2	-1.01	3	SOUTH WALL #1
PAINTED BLOCK	1	2	N/A	N/A	N/A	N/A	3	8	278	12	379	230	-0.74	2	1.69	3	SOUTH WALL #2
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	3	8	288	12	348	270	-0.74	2	-2.36	3	SOUTH WALL #2
PAINTED BLOCK	6.5	1.5	N/A	N/A	N/A	N/A	4	8	267	12	385	250	-0.74	2	8.43	3	SOUTH WALL #2
PAINTED BLOCK	0.5	1	N/A	N/A	N/A	N/A	6	8	284	12	372	290	-0.74	2	-3.71	3	WEST WALL #1
PAINTED BLOCK	3.5	0.5	N/A	N/A	N/A	N/A	3	8	248	12	355	220	0.76	2	5.73	3	WEST WALL #1
PAINTED BLOCK	1	1.5	N/A	N/A	N/A	N/A	2	8	251	12	332	230	0.76	2	-1.01	3	NORTH WALL #1
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	4	8	296	12	399	310	-0.74	2	-3.71	3	NORTH WALL #1
PAINTED BLOCK	0.5	1.5	N/A	N/A	N/A	N/A	2	8	283	12	371	250	-0.74	2	-3.71	3	WEST WALL #2
PAINTED BLOCK	3	1.5	N/A	N/A	N/A	N/A	4	8	247	12	415	230	-0.74	2	-1.01	3	WEST WALL #2
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	5	8	244	12	344	220	-0.74	2	1.69	3	EAST WALL
PAINTED BLOCK	4	0.8	N/A	N/A	N/A	N/A	2	8	291	12	325	240	-0.74	2	-3.71	3	EAST WALL
PAINTED BLOCK	6.5	5	N/A	N/A	N/A	N/A	2	8	295	12	356	220	-0.74	2	0.34	3	EAST WALL

UNIT 1-1-0-0
S: 01-260
DATE: 3-1-95
BY: CIVIT



LB5100-W Low Background Counting System – Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-260.XLD
 Batch Ended: 5/18/95 15:30
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-5-2

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
61	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 14:59
62	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 15:01
63	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 15:04
64	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 15:06
65	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/18/95 15:08
66	-0.738	1.50	<MDA	7.53	8.43	4.28	<AL	12.28	2.00	-0.246	3.13	5/18/95 15:10
67	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 15:12
68	0.760	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	0.254	2.13	5/18/95 15:15
69	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/18/95 15:17
70	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 15:19
71	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 15:21
72	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/18/95 15:23
73	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/18/95 15:26
74	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/18/95 15:28
75	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/18/95 15:30

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000
 Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

Survey Serial #: 01-261

Survey Section: 1

Survey Unit: 5

Survey Sub-unit: 3

Classification: 4

Survey Type: LOWER

Survey Date: 3/2/95

Count Date: 5/19/95

Alpha Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1510	6	21.4	4.67	0

Alpha Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	2	33.37	3.00	0.25

Beta Survey Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
1593	11	35.4	2.82	284

Beta Counting Instruments				
Inst.	Inst.		Corr.	Bkg.
S/N	Code	Eff. %	Fac.	CPM
13295	3	37.06	2.70	1.88

Gamma or Beta/Gamma Instruments			
Inst.	Inst.		Detection
S/N	Code	Bkg.	Type

Surveyor: V. TAYLOR/ C. VERGARI
Signature: *V. Taylor C. Vergari*

Surface Description	Coordinates		Gamma at 1m uR/hr	Gamma Inst. Code	Beta/Gamma Contact mR/hr	Beta/ Gamma Code	Contact Gross 1 min. Count Alpha	Alpha Inst. Code	Contact Gross 1 min. Count Beta	Beta Inst. Code	Scan Contact Gross CPM		Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
	X	Y									Max Beta	Avg Beta					
PAINTED BLOCK	3	0.5	N/A	N/A	N/A	N/A	4	6	295	11	417	270	-0.74	2	0.34	3	SOUTH WALL
PAINTED BLOCK	5	1	N/A	N/A	N/A	N/A	3	6	261	11	291	220	0.76	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	6.5	1.5	N/A	N/A	N/A	N/A	4	6	269	11	273	250	-0.74	2	-1.01	3	SOUTH WALL
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	0	6	287	11	388	290	0.76	2	-5.06	3	WEST WALL
PAINTED BLOCK	2	1	N/A	N/A	N/A	N/A	2	6	242	11	324	220	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	4	1.5	N/A	N/A	N/A	N/A	1	6	223	11	312	230	-0.74	2	-2.36	3	NORTH WALL
PAINTED BLOCK	6	0.5	N/A	N/A	N/A	N/A	2	6	266	11	348	250	3.76	2	-1.01	3	NORTH WALL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-261.XLD
 Batch Ended: 5/19/95 4:51
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-5-3

Carrier	Alpha Activity				Beta Activity				Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
	DPM	σ	flags	MDA	DPM	σ	flags	MDA				
1	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/19/95 4:38
2	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/19/95 4:40
3	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/19/95 4:42
4	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/19/95 4:44
5	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/19/95 4:47
6	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/19/95 4:49
7	3.756	2.60	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	1.254	-0.38	5/19/95 4:51

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

A/C
DUCT
OVERHEAD

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-262 |
|------------------|--------|

| | |
|------------------|---|
| Survey Section: | 1 |
| Survey Unit: | 5 |
| Survey Sub-unit: | 5 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/2/95 |
| Count Date: | 5/19/95 |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1510 | 6 | 21.4 | 4.67 | 3 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1593 | 11 | 35.4 | 2.82 | 246 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|------------|---------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: | <i>V. Taylor Carmel Vergari</i> |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 3 | 6 | 244 | 11 | 290 | 210 | -0.74 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 4.2 | 1 | N/A | N/A | N/A | N/A | 6 | 6 | 234 | 11 | 298 | 220 | -0.74 | 2 | 0.34 | 3 | WEST WALL |
| PAINTED BLOCK | 1.6 | 1 | N/A | N/A | N/A | N/A | 3 | 6 | 241 | 11 | 286 | 230 | -0.74 | 2 | -2.36 | 3 | EAST WALL |
| PAINTED BLOCK | 0.5 | 1.5 | N/A | N/A | N/A | N/A | 3 | 6 | 268 | 11 | 274 | 230 | -0.74 | 2 | -2.36 | 3 | SOUTH WALL |
| PAINTED BLOCK | 3.5 | 1.5 | N/A | N/A | N/A | N/A | 3 | 6 | 228 | 11 | 326 | 210 | -0.74 | 2 | -5.06 | 3 | SOUTH WALL |

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-262.XLD
 Batch Ended: 5/19/95 5:02
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

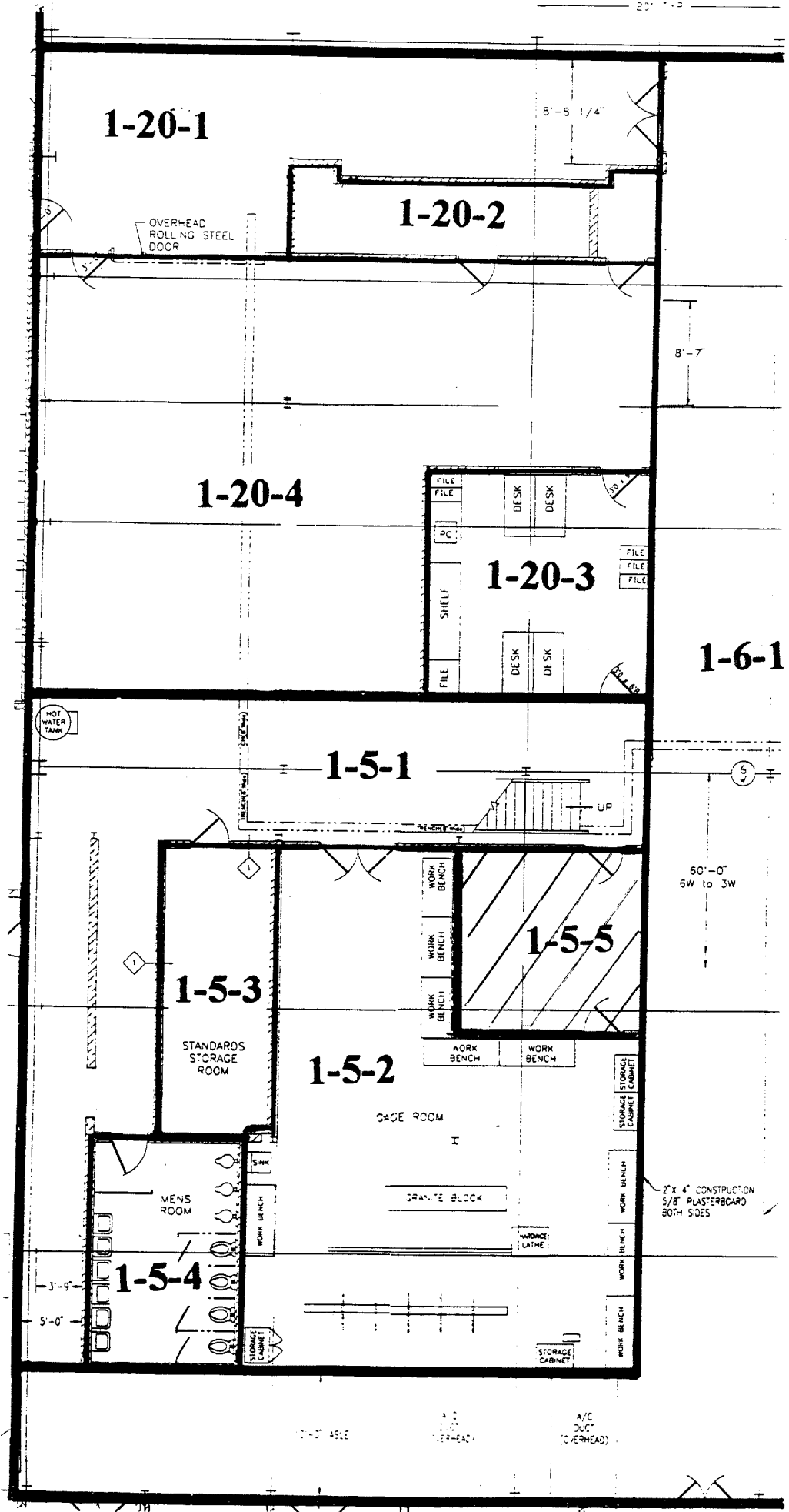
Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

| Batch ID: Blairsville 1-5-5 | | | | | | | | | | | | |
|-----------------------------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|--------------|
| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 8 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/19/95 4:53 |
| 9 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/19/95 4:55 |
| 10 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/19/95 4:58 |
| 11 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/19/95 5:00 |
| 12 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 5/19/95 5:02 |

UNIT: 1-0-0
SA 01262
DATE: 3-2-95
BY: CV/VT



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-263 |
|------------------|--------|

| | |
|------------------|----|
| Survey Section: | 1 |
| Survey Unit: | 20 |
| Survey Sub-unit: | 1 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/2/95 |
| Count Date: | 5/19/95 |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 1 |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 275 |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|------------|---------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: | <i>Carmen Vergari V. Taylor</i> |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 6 | 8 | 270 | 12 | 306 | 230 | -0.74 | 2 | -2.36 | 3 | SOUTH WALL |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 1 | 8 | 241 | 12 | 356 | 250 | 0.76 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 4 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 253 | 12 | 321 | 230 | -0.74 | 2 | -3.71 | 3 | WEST WALL |
| PAINTED BLOCK | 6 | 0.5 | N/A | N/A | N/A | N/A | 4 | 8 | 253 | 12 | 305 | 220 | -0.74 | 2 | -1.01 | 3 | WEST WALL |
| PAINTED BLOCK | 8 | 1.5 | N/A | N/A | N/A | N/A | 2 | 8 | 274 | 12 | 363 | 270 | 0.76 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 0.5 | 0.5 | N/A | N/A | N/A | N/A | 6 | 8 | 299 | 12 | 356 | 260 | -0.74 | 2 | -2.36 | 3 | EAST WALL |
| PAINTED BLOCK | 2 | 1 | N/A | N/A | N/A | N/A | 3 | 8 | 297 | 12 | 366 | 270 | -0.74 | 2 | -1.01 | 3 | EAST WALL |
| PAINTED BLOCK | 4 | 0.5 | N/A | N/A | N/A | N/A | 1 | 8 | 252 | 12 | 292 | 210 | -0.74 | 2 | -5.06 | 3 | EAST WALL |
| PAINTED BLOCK | 6 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 272 | 12 | 331 | 260 | -0.74 | 2 | 4.39 | 3 | EAST WALL |
| PAINTED BLOCK | 8.5 | 0.5 | N/A | N/A | N/A | N/A | 0 | 8 | 318 | 12 | 368 | 270 | 0.76 | 2 | -2.36 | 3 | EAST WALL |
| PAINTED BLOCK | 1 | 0.5 | N/A | N/A | N/A | N/A | 0 | 8 | 257 | 12 | 312 | 250 | -0.74 | 2 | 0.34 | 3 | NORTH WALL |

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/25/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-263.XLD
 Batch Ended: 5/19/95 5:26
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

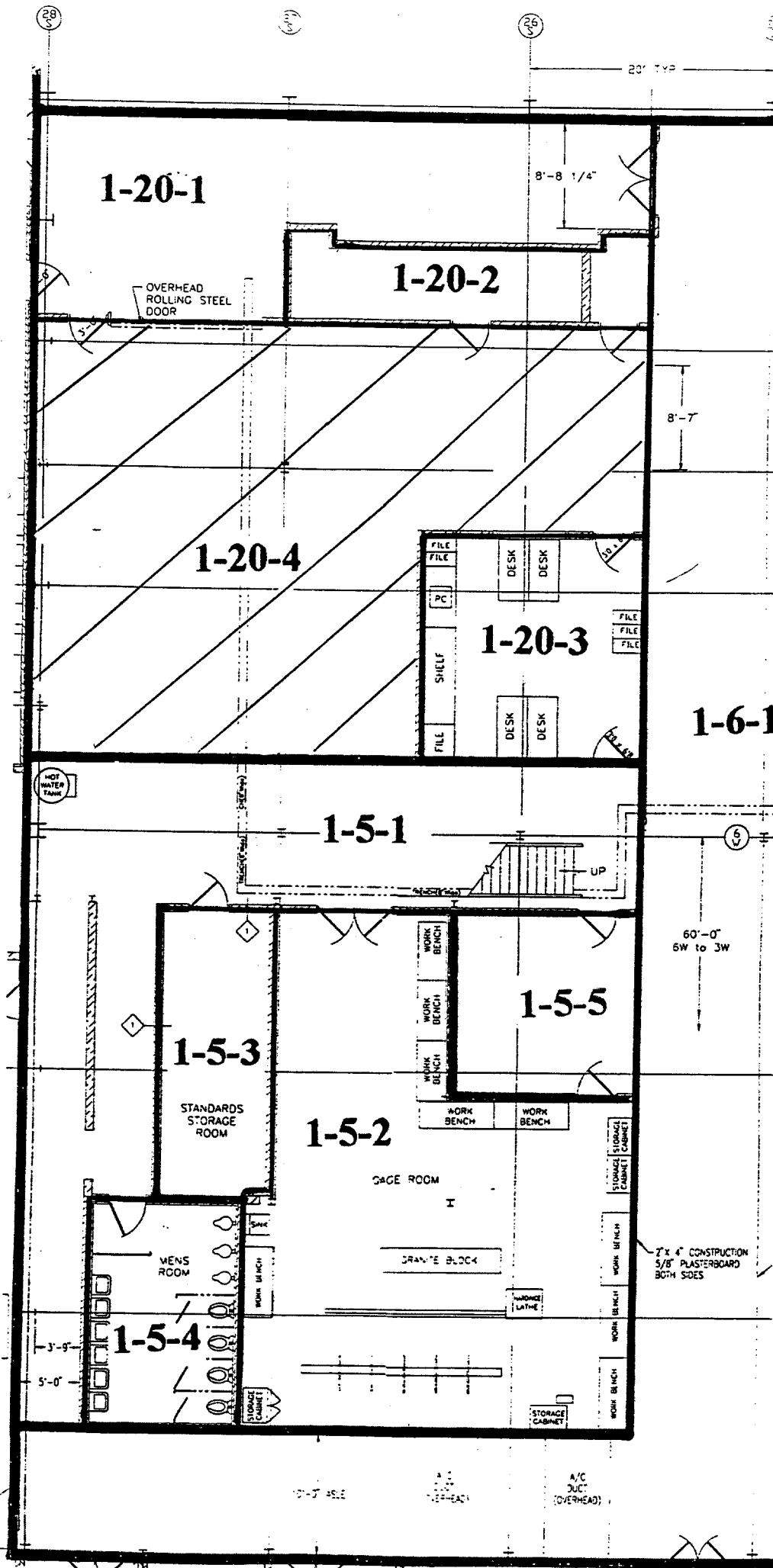
Application Version: Standard

Batch ID: Blairsville 1-20-1

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 13 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/19/95 5:04 |
| 14 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/19/95 5:07 |
| 15 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/19/95 5:09 |
| 16 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:11 |
| 17 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/19/95 5:13 |
| 18 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/19/95 5:15 |
| 19 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:17 |
| 20 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 5/19/95 5:20 |
| 21 | -0.738 | 1.50 | <MDA | 7.53 | 4.39 | 3.58 | <AL | 12.28 | 2.00 | -0.246 | 1.63 | 5/19/95 5:22 |
| 22 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/19/95 5:24 |
| 23 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/19/95 5:26 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000



UNIT: 1-20-4
 S/N: 01263
 DATE: 3.2.95
 BY: CV/VT

Blairsville Point Survey Form #003

Survey Serial #: 01-264

Survey Section: 1

Survey Unit: 20

Survey Sub-unit: 4

Classification: 4

Survey Type: LOWER

Survey Date: 3/2/95

Count Date: 5/19/95

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 1 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 289 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| | | | |
| | | | |
| | | | |

Surveyor: V. TAYLOR/ C. VERGARI
 Signature: *Carmen Vergari V. Taylor*

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 4 | 8 | 266 | 12 | 297 | 240 | -0.74 | 2 | -1.01 | 3 | SOUTH WALL |
| PAINTED BLOCK | 4 | 1 | N/A | N/A | N/A | N/A | 4 | 8 | 226 | 12 | 310 | 220 | 0.76 | 2 | -1.01 | 3 | SOUTH WALL |
| PAINTED BLOCK | 5 | 1.5 | N/A | N/A | N/A | N/A | 1 | 8 | 254 | 12 | 358 | 230 | 0.76 | 2 | 3.04 | 3 | SOUTH WALL |
| PAINTED BLOCK | 7 | 0.5 | N/A | N/A | N/A | N/A | 1 | 8 | 233 | 12 | 321 | 230 | -0.74 | 2 | -1.01 | 3 | SOUTH WALL |
| PAINTED BLOCK | 9 | 1 | N/A | N/A | N/A | N/A | 3 | 8 | 245 | 12 | 315 | 220 | 0.76 | 2 | -2.36 | 3 | SOUTH WALL |
| PAINTED BLOCK | 0.5 | 0.5 | N/A | N/A | N/A | N/A | 3 | 8 | 248 | 12 | 320 | 240 | -0.74 | 2 | 0.34 | 3 | WEST WALL |
| PAINTED BLOCK | 6 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 257 | 12 | 329 | 230 | -0.74 | 2 | 3.04 | 3 | WEST WALL |
| PAINTED BLOCK | 8 | 0.5 | N/A | N/A | N/A | N/A | 8 | 8 | 318 | 12 | 374 | 230 | -0.74 | 2 | 0.34 | 3 | WEST WALL |
| PAINTED BLOCK | 10 | 1.5 | N/A | N/A | N/A | N/A | 0 | 8 | 357 | 12 | 355 | 290 | -0.74 | 2 | -1.01 | 3 | WEST WALL |
| PAINTED BLOCK | 12 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 331 | 12 | 359 | 290 | -0.74 | 2 | -1.01 | 3 | WEST WALL |
| PAINTED BLOCK | 13 | 0.5 | N/A | N/A | N/A | N/A | 6 | 8 | 374 | 12 | 383 | 340 | 0.76 | 2 | -1.01 | 3 | WEST WALL |
| PAINTED BLOCK | 15 | 0.5 | N/A | N/A | N/A | N/A | 3 | 8 | 346 | 12 | 367 | 320 | -0.74 | 2 | -1.01 | 3 | WEST WALL |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 5 | 8 | 323 | 12 | 347 | 270 | -0.74 | 2 | -2.36 | 3 | EAST WALL |
| PAINTED BLOCK | 4 | 0.5 | N/A | N/A | N/A | N/A | 1 | 8 | 313 | 12 | 402 | 290 | -0.74 | 2 | 0.34 | 3 | EAST WALL |
| PAINTED BLOCK | 5 | 1 | N/A | N/A | N/A | N/A | 1 | 8 | 315 | 12 | 415 | 330 | 0.76 | 2 | -1.01 | 3 | EAST WALL |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 5 | 8 | 293 | 12 | 359 | 240 | -0.74 | 2 | 3.04 | 3 | NORTH WALL |
| PAINTED BLOCK | 4 | 1 | N/A | N/A | N/A | N/A | 4 | 8 | 283 | 12 | 358 | 230 | | 2 | | 3 | NORTH WALL |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-264.XLD
 Batch Ended: 5/19/95 6:01
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

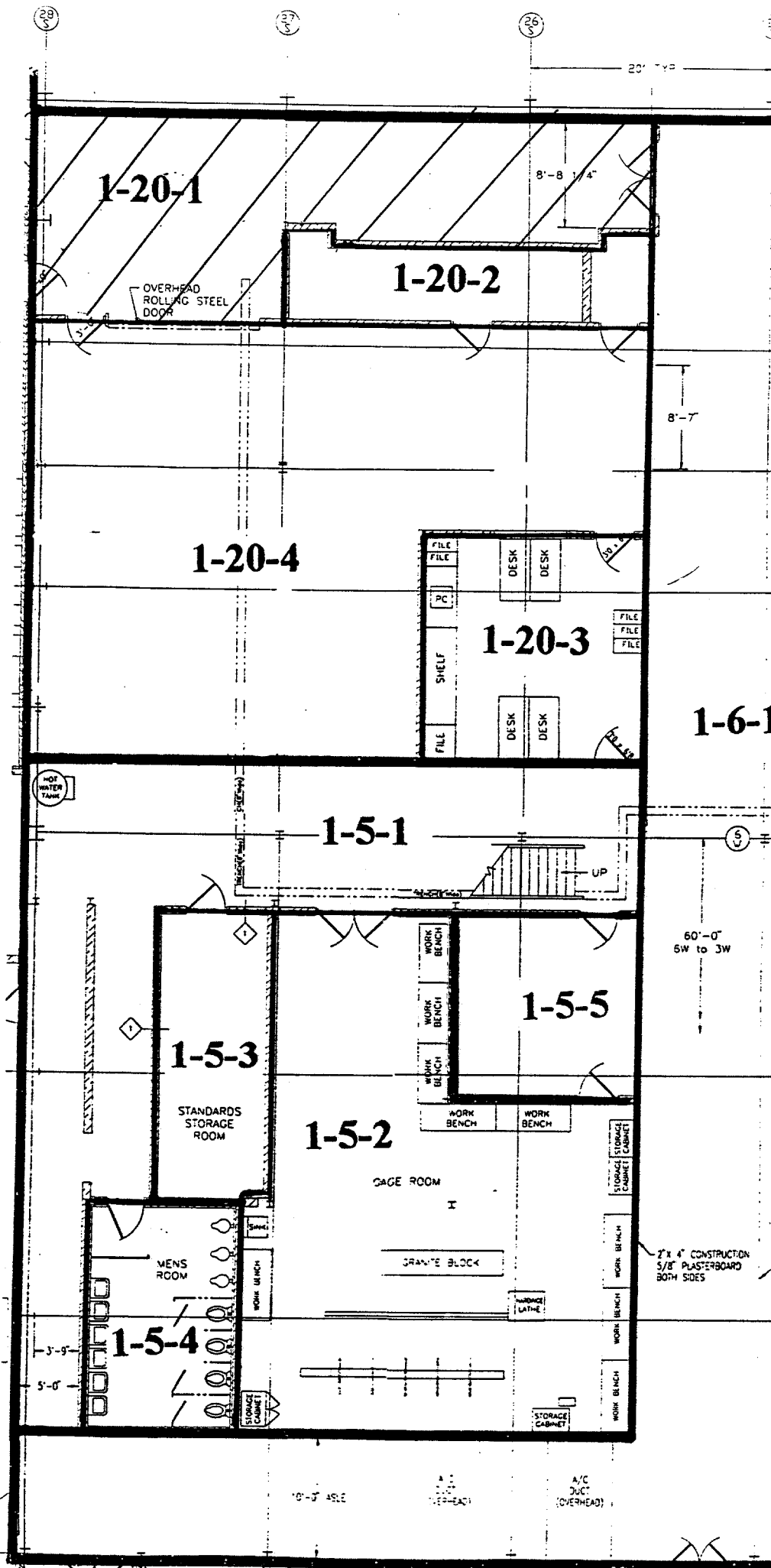
Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-20-4

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|--------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 24 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:28 |
| 25 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 5/19/95 5:31 |
| 26 | 0.760 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | 0.254 | 1.13 | 5/19/95 5:33 |
| 27 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:35 |
| 28 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/19/95 5:37 |
| 29 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/19/95 5:39 |
| 30 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 5/19/95 5:42 |
| 31 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/19/95 5:44 |
| 32 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:46 |
| 33 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:48 |
| 34 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 5/19/95 5:50 |
| 35 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/19/95 5:53 |
| 36 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/19/95 5:55 |
| 37 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/19/95 5:57 |
| 38 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 5/19/95 5:59 |
| 39 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 5/19/95 6:01 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000



LOT 1-20-1
 SN: 01-264
 DATE: 3-2-95
 BY: CV/VV

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-265 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|----|
| Survey Unit: | 20 |
|--------------|----|

| | |
|------------------|---|
| Survey Sub-unit: | 2 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 4 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|--------|
| Survey Date: | 3/6/95 |
|--------------|--------|

| | |
|-------------|---------|
| Count Date: | 5/30/95 |
|-------------|---------|

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |

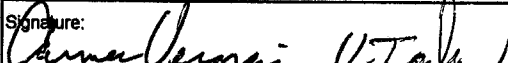
| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 320 |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| 1522 | 22 | 0.024 | Beta / Gamma |

| | |
|-----------|-----------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
|-----------|-----------------------|

Signature: 

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|-----|-------------|-------------|--------------------|------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|-----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 1 | -1 | 7 | 23 | 0.009 | 22 | 2 | 8 | 360 | 12 | 410 | 300 | 2.26 | 2 | 1.69 | 3 | FLOOR |
| PAINTED CONCRETE | 1 | -3 | 6 | 23 | 0.008 | 22 | 1 | 8 | 427 | 12 | 455 | 370 | 0.76 | 2 | 4.39 | 3 | FLOOR |
| PAINTED CONCRETE | 1 | -5 | 6 | 23 | 0.017 | 22 | 1 | 8 | 335 | 12 | 479 | 280 | -0.74 | 2 | 1.69 | 3 | FLOOR |
| PAINTED BLOCK | 2 | 1 | N/A | N/A | N/A | N/A | 4 | 8 | 329 | 12 | 389 | 310 | 0.76 | 2 | 3.04 | 3 | EAST WALL |
| PAINTED BLOCK | 6 | 1.5 | N/A | N/A | N/A | N/A | 0 | 8 | 301 | 12 | 361 | 250 | 0.76 | 2 | -3.71 | 3 | EAST WALL |
| PAINTED BLOCK | 2 | 1.5 | N/A | N/A | N/A | N/A | 0 | 8 | 286 | 12 | 297 | 260 | -0.74 | 2 | 0.34 | 3 | WEST WALL |
| PAINTED BLOCK | 4 | 1.5 | N/A | N/A | N/A | N/A | 0 | 8 | 237 | 12 | 402 | 250 | -0.74 | 2 | 0.34 | 3 | WEST WALL |
| PAINTED BLOCK | 4 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 323 | 12 | 354 | 290 | -0.74 | 2 | -3.71 | 3 | EAST WALL |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/30/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-265.XLD
 Batch Ended: 5/30/95 7:47
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-20-2

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|--------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 1 | 2.258 | 2.12 | <AL | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.754 | 0.63 | 5/30/95 7:29 |
| 2 | 0.760 | 1.50 | <MDA | 7.53 | 4.39 | 3.58 | <AL | 12.28 | 2.00 | 0.254 | 1.63 | 5/30/95 7:31 |
| 3 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/30/95 7:33 |
| 4 | 0.760 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | 0.254 | 1.13 | 5/30/95 7:35 |
| 5 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 5/30/95 7:37 |
| 6 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/30/95 7:39 |
| 7 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/30/95 7:42 |
| 8 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/30/95 7:44 |
| 9 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 5/30/95 7:47 |

1-20-1

1-20-2

OVERHEAD ROLLING STEEL DOOR

1-20-3

FILE
FILE
PC
SHELF
FILE
DESK
DESK
DESK
DESK
FILE
FILE
FILE

1-20-4

1-5-1

1-5-2

CAGE ROOM

GRANITE BLOCK

WARDROBE LATHE

1-5-3

STANDARDS STORAGE ROOM

1-5-4

MENS ROOM

1-5-5

WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
STORAGE CABINET
STORAGE CABINET
STORAGE CABINET
STORAGE CABINET
STORAGE CABINET
STORAGE CABINET

60'-0" 6W to 3W

2' x 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES

HOT WATER TANK

20' TYP

8'-8 1/4"

8'-7"

3'-9"

5'-0"

10'-0" ASLE

A/C DUCT (OVERHEAD)

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-266 |
| Survey Section: | 1 |
| Survey Unit: | 5 |
| Survey Sub-unit: | 3 |

| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| 1588 | 8 | 20.3 | 4.93 | 0 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| 1595 | 12 | 32.4 | 3.09 | 319 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|-------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 8 | Gamma |
| 1522 | 22 | 0.015 | Beta / Gamma |
| | | | |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| | |
|------------|---------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: | <i>Carmen Vergari V. Taylor</i> |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/ Gamma | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|------|-------------|-------------|--------------------|-------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 0 | -1.5 | 7 | 23 | 0.013 | 22 | 1 | 8 | 391 | 12 | 414 | 320 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -1 | 7 | 23 | 0.015 | 22 | 1 | 8 | 438 | 12 | 438 | 370 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -2 | 8 | 23 | 0.013 | 22 | 1 | 8 | 379 | 12 | 489 | 370 | -0.74 | 2 | 4.39 | 3 | FLOOR |
| PAINTED CONCRETE | 4 | -1 | 7 | 23 | 0.013 | 22 | 1 | 8 | 392 | 12 | 579 | 380 | 0.76 | 2 | 9.78 | 3 | FLOOR |
| PAINTED CONCRETE | 6 | -1 | 8 | 23 | 0.019 | 22 | 1 | 8 | 409 | 12 | 528 | 360 | 3.76 | 2 | 1.69 | 3 | FLOOR |

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/30/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-266.XLD
 Batch Ended: 5/30/95 7:58
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

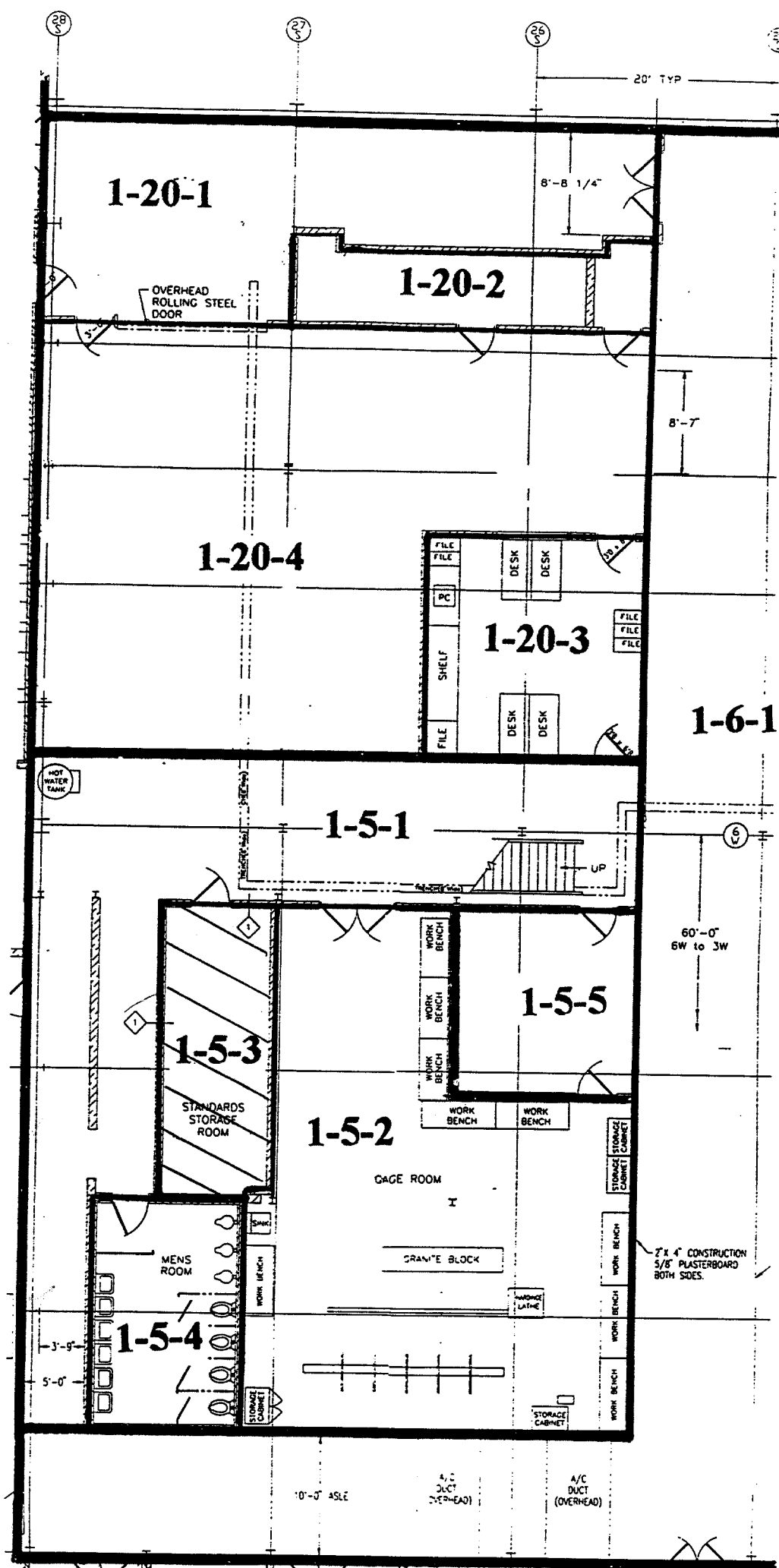
Batch ID: Blairsville 1-5-3

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 10 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/30/95 7:49 |
| 11 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 7:52 |
| 12 | -0.738 | 1.50 | <MDA | 7.53 | 4.39 | 3.58 | <AL | 12.28 | 2.00 | -0.246 | 1.63 | 5/30/95 7:54 |
| 13 | 0.760 | 1.50 | <MDA | 7.53 | 9.78 | 4.49 | <AL | 12.28 | 2.00 | 0.254 | 3.63 | 5/30/95 7:56 |
| 14 | 3.756 | 2.60 | <AL | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 1.254 | 0.63 | 5/30/95 7:58 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-5-3
SN: 01-266
DATE: 3-8-95
BY: CV/UT



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-267 |
|------------------|--------|

| | |
|------------------|---|
| Survey Section: | 1 |
| Survey Unit: | 5 |
| Survey Sub-unit: | 4 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/6/95 |
| Count Date: | 5/30/95 |

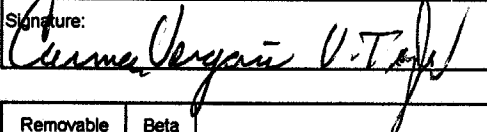
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 440 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 9 | Gamma |
| 1522 | 22 | 0.018 | Beta / Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|------|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 0.5 | -2.5 | 9 | 23 | 0.017 | 22 | 2 | 8 | 381 | 12 | 443 | 360 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 1 | -1 | 11 | 23 | 0.023 | 22 | 3 | 8 | 437 | 12 | 533 | 390 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -1 | 10 | 23 | 0.015 | 22 | 2 | 8 | 393 | 12 | 498 | 411 | -0.74 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -2 | 10 | 23 | 0.009 | 22 | 1 | 8 | 408 | 12 | 470 | 370 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -1 | 10 | 23 | 0.013 | 22 | 2 | 8 | 434 | 12 | 441 | 340 | 0.76 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -3 | 10 | 23 | 0.015 | 22 | 2 | 8 | 400 | 12 | 437 | 340 | 0.76 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 4 | -2 | 9 | 23 | 0.014 | 22 | 2 | 8 | 388 | 12 | 559 | 440 | 0.76 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 5 | -1 | 11 | 23 | 0.019 | 22 | 1 | 8 | 452 | 12 | 467 | 440 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 5 | -2 | 10 | 23 | 0.024 | 22 | 3 | 8 | 467 | 12 | 482 | 420 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 5 | -3 | 10 | 23 | 0.013 | 22 | 7 | 8 | 446 | 12 | 497 | 400 | -0.74 | 2 | -2.36 | 3 | FLOOR |

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/31/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-267.XLD
 Batch Ended: 5/30/95 8:20
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

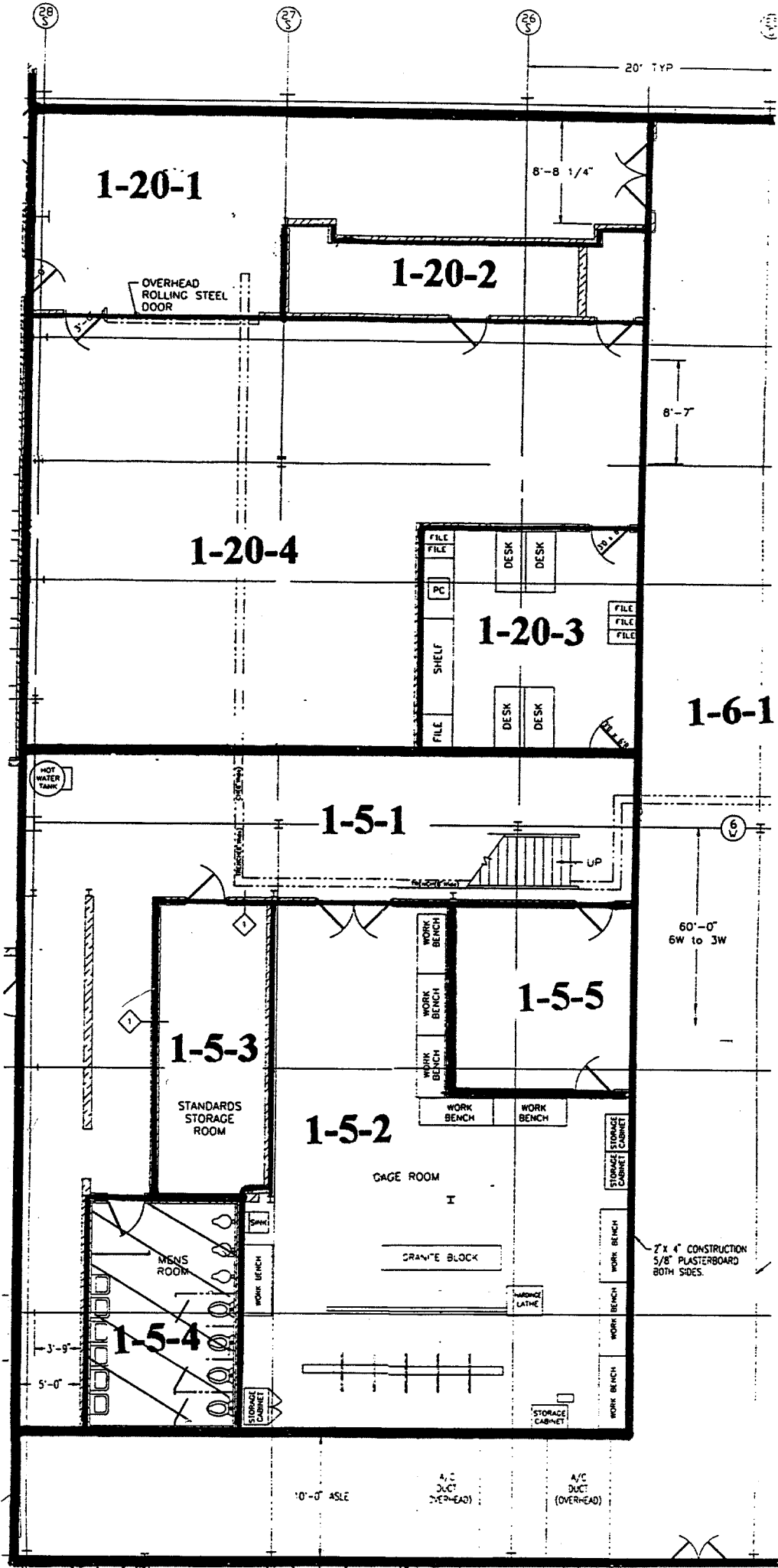
Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-5-4

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|--------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 15 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/30/95 8:00 |
| 16 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/30/95 8:03 |
| 17 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/30/95 8:05 |
| 18 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 8:07 |
| 19 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/30/95 8:09 |
| 20 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/30/95 8:11 |
| 21 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/30/95 8:14 |
| 22 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/30/95 8:16 |
| 23 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 8:18 |
| 24 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 8:20 |

UNIT: 1-5-4
SN: 01-267
DATE: 36-95
BY: CV/VT



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-268 |
| Survey Section: | 1 |
| Survey Unit: | 20 |
| Survey Sub-unit: | 1 |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 6 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 266 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| | |
|------------|---------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: | <i>Carmen Vergari V. Taylor</i> |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|-----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| CONCRETE | 1 | -2 | 5 | 23 | 0.013 | 22 | 9 | 8 | 365 | 12 | 474 | 350 | -0.74 | 2 | 3.04 | 3 | FLOOR |
| CONCRETE | 2.5 | -3 | 6 | 23 | 0.008 | 22 | 1 | 8 | 363 | 12 | 440 | 330 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| CONCRETE | 1 | -4 | 6 | 23 | 0.009 | 22 | 2 | 8 | 334 | 12 | 386 | 320 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| CONCRETE | 1 | -6 | 5 | 23 | 0.011 | 22 | 2 | 8 | 353 | 12 | 440 | 310 | 0.76 | 2 | -3.71 | 3 | FLOOR |
| CONCRETE | 2.5 | -6 | 6 | 23 | 0.009 | 22 | 1 | 8 | 333 | 12 | 356 | 290 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| CONCRETE | 1 | -8 | 5 | 23 | 0.017 | 22 | 2 | 8 | 377 | 12 | 396 | 360 | 0.76 | 2 | 1.69 | 3 | FLOOR |
| CONCRETE | 1 | -10 | 5 | 23 | 0.012 | 22 | 2 | 8 | 346 | 12 | 426 | 320 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| CONCRETE | 1 | -12 | 5 | 23 | 0.014 | 22 | 2 | 8 | 332 | 12 | 417 | 290 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| CONCRETE | 3 | -12 | 4 | 23 | 0.018 | 22 | 1 | 8 | 369 | 12 | 517 | 320 | 0.76 | 2 | -1.01 | 3 | FLOOR |
| CONCRETE | 5 | -12 | 5 | 23 | 0.008 | 22 | 1 | 8 | 359 | 12 | 446 | 330 | 0.76 | 2 | 1.69 | 3 | FLOOR |
| CONCRETE | 1 | -14 | 4 | 23 | 0.009 | 22 | 7 | 8 | 354 | 12 | 418 | 320 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| CONCRETE | 3 | -14 | 5 | 23 | 0.009 | 22 | 2 | 8 | 365 | 12 | 452 | 370 | 0.76 | 2 | 0.34 | 3 | FLOOR |
| CONCRETE | 4.5 | -14 | 5 | 23 | 0.013 | 22 | 4 | 8 | 369 | 12 | 626 | 350 | -0.74 | 2 | 0.34 | 3 | FLOOR |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/31/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-268.XLD
 Batch Ended: 5/30/95 8:49
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

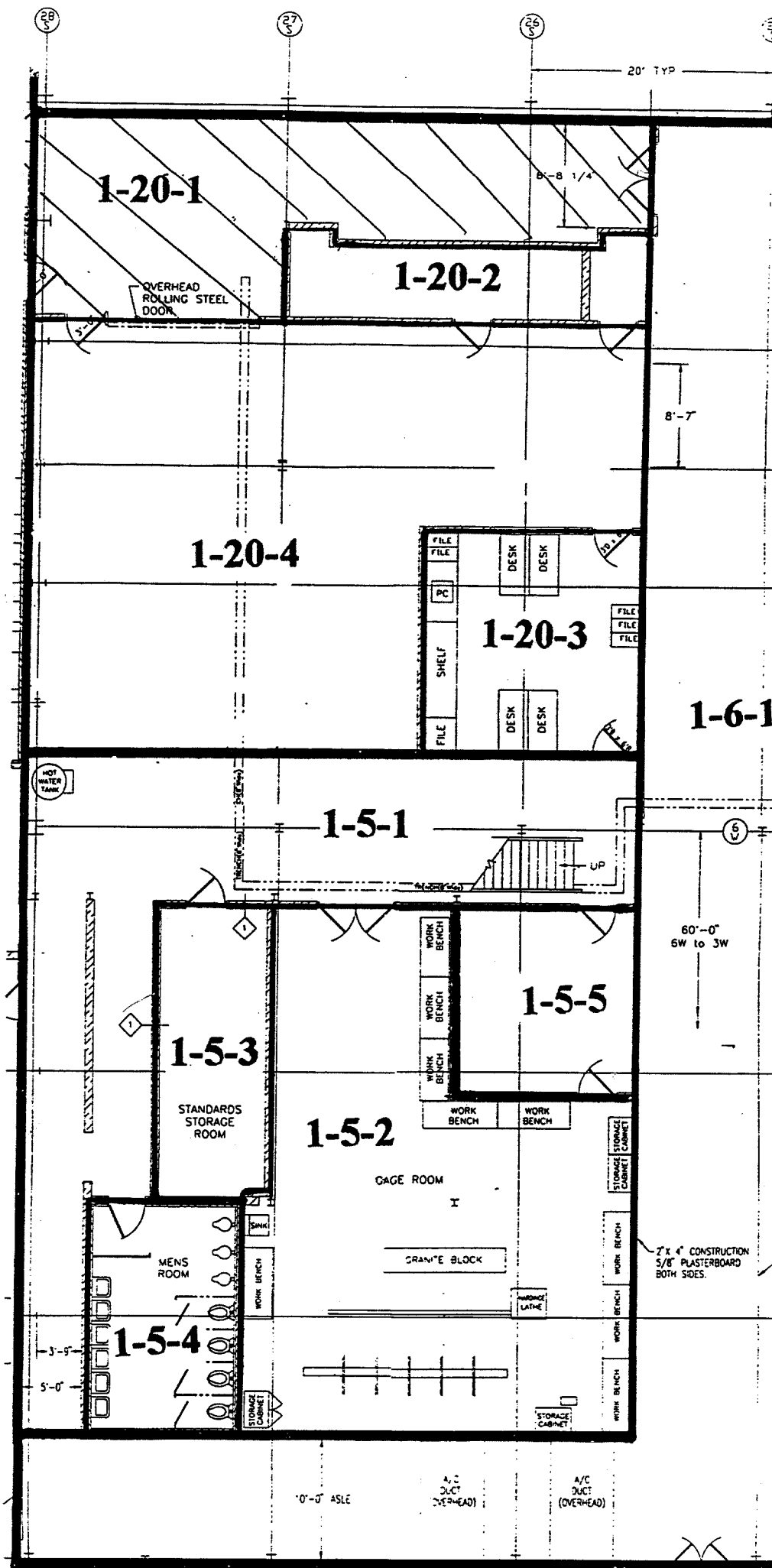
Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-20-1

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 25 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 5/30/95 8:23 |
| 26 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 8:25 |
| 27 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 8:27 |
| 28 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 5/30/95 8:29 |
| 29 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/30/95 8:31 |
| 31 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 5/30/95 8:33 |
| 30 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/30/95 8:36 |
| 32 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/30/95 8:38 |
| 33 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 5/30/95 8:40 |
| 34 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 5/30/95 8:42 |
| 35 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/30/95 8:44 |
| 36 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/30/95 8:47 |
| 37 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/30/95 8:49 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000



UNVT: 1-20-1
SN: 01-268-
DATE: 3-6-95
BY: CV/VT

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-269 |
|------------------|--------|

| | |
|------------------|---|
| Survey Section: | 1 |
| Survey Unit: | 5 |
| Survey Sub-unit: | 2 |

| | |
|-----------------|-------|
| Classification: | 5 |
| Survey Type: | LOWER |

| | |
|--------------|--------|
| Survey Date: | 3/7/95 |
| Count Date: | 6/1/95 |

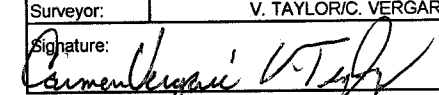
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.96 | 2.94 | 0.34 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 326 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.6 | 2.66 | 1.68 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|------------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| FLOOR | 1 | -1 | 6 | 23 | 0.017 | 22 | 2 | 8 | 387 | 12 | 641 | 480 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -1 | 5 | 23 | 0.01 | 22 | 2 | 8 | 424 | 12 | 825 | 450 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -1 | 6 | 23 | 0.016 | 22 | 1 | 8 | 423 | 12 | 544 | 450 | 0.76 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -1 | 5 | 23 | 0.009 | 22 | 1 | 8 | 435 | 12 | 598 | 440 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -1 | 6 | 23 | 0.013 | 22 | 5 | 8 | 419 | 12 | 516 | 390 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -1 | 6 | 23 | 0.013 | 22 | 0 | 8 | 369 | 12 | 542 | 360 | -0.74 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -1 | 5 | 23 | 0.009 | 22 | 0 | 8 | 420 | 12 | 481 | 360 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -1 | 6 | 23 | 0.009 | 22 | 3 | 8 | 382 | 12 | 409 | 350 | 2.26 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 1 | -2 | 6 | 23 | 0.018 | 22 | 1 | 8 | 414 | 12 | 529 | 400 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -2 | 6 | 23 | 0.013 | 22 | 2 | 8 | 550 | 12 | 703 | 550 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -2 | 6 | 23 | 0.014 | 22 | 4 | 8 | 418 | 12 | 571 | 410 | 0.76 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -2 | 6 | 23 | 0.017 | 22 | 6 | 8 | 380 | 12 | 491 | 360 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -2 | 6 | 23 | 0.01 | 22 | 1 | 8 | 401 | 12 | 479 | 350 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -2 | 6 | 23 | 0.016 | 22 | 1 | 8 | 419 | 12 | 459 | 350 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -2 | 7 | 23 | 0.014 | 22 | 4 | 8 | 397 | 12 | 414 | 310 | 2.26 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -2 | 6 | 23 | 0.012 | 22 | 0 | 8 | 424 | 12 | 473 | 360 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 1 | -3 | 5 | 23 | 0.015 | 22 | 4 | 8 | 383 | 12 | 544 | 350 | 0.76 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -3 | 6 | 23 | 0.017 | 22 | 3 | 8 | 520 | 12 | 672 | 520 | 0.76 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -3 | 6 | 23 | 0.019 | 22 | 0 | 8 | 373 | 12 | 578 | 330 | 0.76 | 2 | 3.04 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -3 | 6 | 23 | 0.013 | 22 | 6 | 8 | 416 | 12 | 580 | 390 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -3 | 6 | 23 | 0.016 | 22 | 1 | 8 | 402 | 12 | 623 | 420 | -0.74 | 2 | -5.06 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -3 | 6 | 23 | 0.017 | 22 | 1 | 8 | 440 | 12 | 513 | 370 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -3 | 6 | 23 | 0.015 | 22 | 0 | 8 | 380 | 12 | 477 | 360 | 0.76 | 2 | 0.34 | 3 | PAINTED CONCRETE |



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-269 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|---|
| Survey Unit: | 5 |
|--------------|---|

| | |
|------------------|---|
| Survey Sub-unit: | 2 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 5 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|--------|
| Survey Date: | 3/7/95 |
|--------------|--------|

| | |
|-------------|--------|
| Count Date: | 6/1/95 |
|-------------|--------|

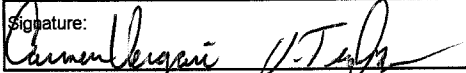
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.96 | 2.94 | 0.34 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 326 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.6 | 2.66 | 1.68 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|------------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| FLOOR | 1 | -4 | 6 | 23 | 0.015 | 22 | 1 | 8 | 379 | 12 | 584 | 390 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -4 | 5 | 23 | 0.012 | 22 | 4 | 8 | 419 | 12 | 641 | 390 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -4 | 5 | 23 | 0.014 | 22 | 3 | 8 | 394 | 12 | 458 | 360 | 0.76 | 2 | 3.04 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -4 | 6 | 23 | 0.013 | 22 | 1 | 8 | 379 | 12 | 503 | 350 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -4 | 5 | 23 | 0.013 | 22 | 3 | 8 | 373 | 12 | 558 | 380 | -0.74 | 2 | -5.06 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -4 | 6 | 23 | 0.01 | 22 | 1 | 8 | 407 | 12 | 434 | 360 | -0.74 | 2 | 4.39 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -4 | 6 | 23 | 0.009 | 22 | 0 | 8 | 437 | 12 | 516 | 400 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -4 | 6 | 23 | 0.013 | 22 | 0 | 8 | 380 | 12 | 488 | 370 | 0.76 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 1 | -5 | 6 | 23 | 0.014 | 22 | 4 | 8 | 402 | 12 | 520 | 370 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -5 | 5 | 23 | 0.019 | 22 | 2 | 8 | 451 | 12 | 838 | 410 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -5 | 6 | 23 | 0.011 | 22 | 2 | 8 | 380 | 12 | 516 | 360 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -5 | 6 | 23 | 0.013 | 22 | 1 | 8 | 389 | 12 | 450 | 330 | 2.26 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -5 | 5 | 23 | 0.009 | 22 | 2 | 8 | 411 | 12 | 518 | 380 | 0.76 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -5 | 6 | 23 | 0.015 | 22 | 3 | 8 | 338 | 12 | 449 | 340 | 2.26 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -5 | 6 | 23 | 0.01 | 22 | 0 | 8 | 408 | 12 | 418 | 360 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -5 | 6 | 23 | 0.006 | 22 | 3 | 8 | 362 | 12 | 472 | 350 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | -4 | -6 | 6 | 23 | 0.013 | 22 | 0 | 8 | 382 | 12 | 534 | 340 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | -3 | -6 | 6 | 23 | 0.013 | 22 | 1 | 8 | 367 | 12 | 517 | 340 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | -2 | -6 | 6 | 23 | 0.014 | 22 | 1 | 8 | 381 | 12 | 555 | 340 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | -1 | -6 | 6 | 23 | 0.017 | 22 | 3 | 8 | 444 | 12 | 499 | 380 | 0.76 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 0 | -6 | 6 | 23 | 0.02 | 22 | 3 | 8 | 405 | 12 | 467 | 360 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 1 | -6 | 6 | 23 | 0.013 | 22 | 4 | 8 | 430 | 12 | 500 | 400 | 0.76 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -6 | 6 | 23 | 0.012 | 22 | 0 | 8 | 471 | 12 | 553 | 360 | 0.76 | 2 | 1.69 | 3 | PAINTED CONCRETE |

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-269 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|---|
| Survey Unit: | 5 |
|--------------|---|

| | |
|------------------|---|
| Survey Sub-unit: | 2 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 5 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|--------|
| Survey Date: | 3/7/95 |
|--------------|--------|

| | |
|-------------|--------|
| Count Date: | 6/1/95 |
|-------------|--------|

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

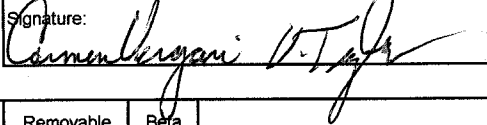
| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.96 | 2.94 | 0.34 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 326 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.6 | 2.66 | 1.68 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|-----------|----------------------|
| Surveyor: | V. TAYLOR/C. VERGARI |
|-----------|----------------------|

Signature: 

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|------------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| FLOOR | 3 | -6 | 6 | 23 | 0.01 | 22 | 1 | 8 | 348 | 12 | 471 | 330 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -6 | 7 | 23 | 0.011 | 22 | 1 | 8 | 350 | 12 | 822 | 370 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -6 | 6 | 23 | 0.014 | 22 | 7 | 8 | 412 | 12 | 684 | 350 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -6 | 6 | 23 | 0.018 | 22 | 6 | 8 | 387 | 12 | 511 | 380 | 2.26 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -6 | 5 | 23 | 0.012 | 22 | 4 | 8 | 373 | 12 | 522 | 380 | 2.26 | 2 | 3.04 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -6 | 6 | 23 | 0.011 | 22 | 3 | 8 | 381 | 12 | 474 | 340 | 3.76 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | -4 | -7 | 6 | 23 | 0.017 | 22 | 1 | 8 | 392 | 12 | 498 | 360 | -0.74 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | -3 | -7 | 6 | 12 | 0.015 | 22 | 3 | 8 | 414 | 12 | 556 | 390 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | -2 | -7 | 6 | 23 | 0.01 | 22 | 5 | 8 | 421 | 12 | 519 | 380 | -0.74 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | -1 | -7 | 6 | 23 | 0.012 | 22 | 3 | 8 | 424 | 12 | 482 | 390 | 0.76 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 0 | -7 | 6 | 23 | 0.023 | 22 | 2 | 8 | 456 | 12 | 498 | 400 | 0.76 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 1 | -7 | 6 | 23 | 0.012 | 22 | 1 | 8 | 506 | 12 | 566 | 460 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -7 | 6 | 23 | 0.015 | 22 | 3 | 8 | 425 | 12 | 440 | 360 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -7 | 6 | 23 | 0.016 | 22 | 1 | 8 | 442 | 12 | 469 | 420 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -7 | 6 | 23 | 0.013 | 22 | 2 | 8 | 449 | 12 | 601 | 410 | 0.76 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -7 | 6 | 23 | 0.014 | 22 | 2 | 8 | 466 | 12 | 502 | 440 | 2.26 | 2 | 5.73 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -7 | 6 | 23 | 0.014 | 22 | 3 | 8 | 418 | 12 | 499 | 430 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -7 | 6 | 23 | 0.018 | 22 | 0 | 8 | 444 | 12 | 492 | 393 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | -4 | -8 | 7 | 23 | 0.009 | 22 | 3 | 8 | 414 | 12 | 458 | 380 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | -3 | -8 | 6 | 23 | 0.018 | 22 | 1 | 8 | 422 | 12 | 533 | 350 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | -2 | -8 | 7 | 23 | 0.016 | 22 | 4 | 8 | 429 | 12 | 511 | 410 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | -1 | -8 | 6 | 23 | 0.019 | 22 | 6 | 8 | 441 | 12 | 564 | 400 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 0 | -8 | 6 | 23 | 0.013 | 22 | 1 | 8 | 453 | 12 | 505 | 390 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-269 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|---|
| Survey Unit: | 5 |
|--------------|---|

| | |
|------------------|---|
| Survey Sub-unit: | 2 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 5 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|--------|
| Survey Date: | 3/7/95 |
|--------------|--------|

| | |
|-------------|--------|
| Count Date: | 6/1/95 |
|-------------|--------|

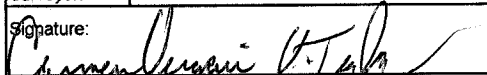
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.96 | 2.94 | 0.34 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 326 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.6 | 2.66 | 1.68 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|------------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| FLOOR | 1 | -8 | 7 | 23 | 0.014 | 22 | 2 | 8 | 417 | 12 | 421 | 360 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -8 | 7 | 23 | 0.023 | 22 | 2 | 8 | 377 | 12 | 529 | 370 | -0.74 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -8 | 7 | 23 | 0.014 | 22 | 2 | 8 | 416 | 12 | 506 | 420 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -8 | 7 | 23 | 0.012 | 22 | 4 | 8 | 395 | 12 | 483 | 370 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -8 | 6 | 23 | 0.012 | 22 | 5 | 8 | 396 | 12 | 550 | 370 | 0.76 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -8 | 6 | 23 | 0.016 | 22 | 4 | 8 | 405 | 12 | 462 | 380 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -8 | 6 | 23 | 0.013 | 22 | 5 | 8 | 401 | 12 | 470 | 360 | 0.76 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -8 | 6 | 23 | 0.013 | 22 | 2 | 8 | 393 | 12 | 457 | 380 | 0.76 | 2 | -2.36 | 3 | PAINTED CONCRETE |
| FLOOR | -1 | -9 | 6 | 23 | 0.01 | 22 | 6 | 8 | 429 | 12 | 564 | 348 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 0 | -9 | 7 | 23 | 0.018 | 22 | 3 | 8 | 405 | 12 | 466 | 350 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 1 | -9 | 7 | 23 | 0.018 | 22 | 2 | 8 | 369 | 12 | 398 | 320 | 0.76 | 2 | 4.39 | 3 | PAINTED CONCRETE |
| FLOOR | 2 | -9 | 7 | 23 | 0.012 | 22 | 2 | 8 | 375 | 12 | 457 | 360 | -0.74 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -9 | 7 | 23 | 0.013 | 22 | 3 | 8 | 410 | 12 | 554 | 390 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 4 | -9 | 7 | 23 | 0.02 | 22 | 1 | 8 | 394 | 12 | 541 | 410 | -0.74 | 2 | -1.01 | 3 | PAINTED CONCRETE |
| FLOOR | 5 | -9 | 7 | 23 | 0.013 | 22 | 5 | 8 | 390 | 12 | 502 | 330 | -0.74 | 2 | 1.69 | 3 | PAINTED CONCRETE |
| FLOOR | 6 | -9 | 7 | 23 | 0.011 | 22 | 1 | 8 | 377 | 12 | 461 | 340 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 7 | -9 | 7 | 23 | 0.012 | 22 | 2 | 8 | 368 | 12 | 481 | 360 | 0.76 | 2 | 0.34 | 3 | PAINTED CONCRETE |
| FLOOR | 8 | -9 | 6 | 23 | 0.016 | 22 | 1 | 8 | 339 | 12 | 382 | 305 | -0.74 | 2 | -3.71 | 3 | PAINTED CONCRETE |
| FLOOR | 3 | -7 | 6 | 23 | 0.015 | 22 | 4 | 8 | 432 | 12 | 489 | 380 | | 2 | | 3 | PAINTED CONCRETE |

[illegible]

LB5100-W Low Background Counting System – Smear Analysis

Date: 6/1/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-269.XLD
 Batch Ended: 6/1/95 10:19
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-5-2

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 1 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 7:08 |
| 2 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 7:10 |
| 3 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/1/95 7:12 |
| 4 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 7:14 |
| 5 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 7:17 |
| 6 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/1/95 7:19 |
| 7 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 7:21 |
| 8 | 2.258 | 2.12 | <AL | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.754 | -0.38 | 6/1/95 7:23 |
| 9 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 7:25 |
| 10 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 7:28 |
| 11 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/1/95 7:30 |
| 12 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 7:32 |
| 13 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 7:34 |
| 14 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 7:36 |
| 15 | 2.258 | 2.12 | <AL | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.754 | 0.63 | 6/1/95 7:39 |
| 16 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 7:41 |
| 17 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/1/95 7:43 |
| 18 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/1/95 7:45 |
| 19 | 0.760 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | 0.254 | 1.13 | 6/1/95 7:47 |
| 20 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 7:50 |
| 21 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 6/1/95 7:52 |
| 22 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 7:54 |
| 23 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 6/1/95 7:56 |
| 24 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 7:58 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

LB5100-W Low Background Counting System – Smear Analysis

Date: 6/1/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-269.XLD
 Batch Ended: 6/1/95 10:19
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-5-2

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|-------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 25 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 8:00 |
| 26 | 0.760 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | 0.254 | 1.13 | 6/1/95 8:03 |
| 27 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 8:05 |
| 28 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 6/1/95 8:07 |
| 29 | -0.738 | 1.50 | <MDA | 7.53 | 4.39 | 3.58 | <AL | 12.28 | 2.00 | -0.246 | 1.63 | 6/1/95 8:09 |
| 31 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 8:12 |
| 30 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 6/1/95 8:14 |
| 32 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 8:16 |
| 33 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 8:18 |
| 34 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 8:20 |
| 35 | 2.258 | 2.12 | <AL | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.754 | 0.13 | 6/1/95 8:23 |
| 36 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/1/95 8:25 |
| 37 | 2.258 | 2.12 | <AL | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.754 | -0.38 | 6/1/95 8:27 |
| 38 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 8:29 |
| 39 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 8:31 |
| 40 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 8:33 |
| 41 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 8:36 |
| 42 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 8:38 |
| 43 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 6/1/95 8:40 |
| 44 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 8:42 |
| 45 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/1/95 8:44 |
| 46 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/1/95 8:47 |
| 47 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 8:49 |
| 48 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 8:51 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/1/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-269.XLD
 Batch Ended: 6/1/95 10:19
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

| Batch ID: Blairsville 1-5-2 | | | | | | | | | Beta Correction Factor: 1.000 | | | |
|-----------------------------|----------------|------|-------|------|---------------|------|-------|-------|-------------------------------|--------|-------|-------------|
| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 49 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 8:53 |
| 50 | 2.258 | 2.12 | <AL | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.754 | 0.13 | 6/1/95 8:55 |
| 51 | 2.258 | 2.12 | <AL | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | 0.754 | 1.13 | 6/1/95 8:58 |
| 52 | 3.756 | 2.60 | <AL | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 1.254 | 0.63 | 6/1/95 9:00 |
| 53 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/1/95 9:02 |
| 54 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 9:04 |
| 55 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/1/95 9:06 |
| 56 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 6/1/95 9:09 |
| 57 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 6/1/95 9:11 |
| 58 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 9:13 |
| 59 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 9:15 |
| 60 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 9:17 |
| 61 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/1/95 9:20 |
| 62 | 2.258 | 2.12 | <AL | 7.53 | 5.73 | 3.83 | <AL | 12.28 | 2.00 | 0.754 | 2.13 | 6/1/95 9:22 |
| 63 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 9:24 |
| 64 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 9:26 |
| 65 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 9:28 |
| 66 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 9:31 |
| 67 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 9:33 |
| 68 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 9:35 |
| 69 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 9:37 |
| 70 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 9:39 |
| 71 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/1/95 9:42 |
| 72 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 9:44 |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/1/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-269.XLD
 Batch Ended: 6/1/95 10:19
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-5-2

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|--------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 73 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 9:46 |
| 74 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 6/1/95 9:48 |
| 75 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 9:50 |
| 76 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/1/95 9:53 |
| 77 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/1/95 9:55 |
| 78 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 9:57 |
| 79 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 9:59 |
| 80 | 0.760 | 1.50 | <MDA | 7.53 | 4.39 | 3.58 | <AL | 12.28 | 2.00 | 0.254 | 1.63 | 6/1/95 10:01 |
| 81 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/1/95 10:03 |
| 82 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 10:06 |
| 83 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/1/95 10:08 |
| 84 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/1/95 10:10 |
| 85 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 10:12 |
| 86 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 6/1/95 10:14 |
| 87 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/1/95 10:17 |
| 88 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/1/95 10:19 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-270 |
|------------------|--------|

| | |
|------------------|----|
| Survey Section: | 1 |
| Survey Unit: | 20 |
| Survey Sub-unit: | 4 |

| | |
|-----------------|-------|
| Classification: | 5 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/8/95 |
| Count Date: | 5/22/95 |

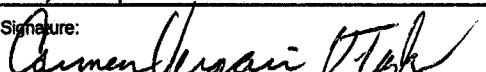
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 252 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.009 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 1 | -8 | 5 | 23 | 0.011 | 22 | 3 | 8 | 558 | 12 | 1250 | 700 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 2 | -8 | 6 | 23 | 0.036 | 22 | 2 | 8 | 807 | 12 | 1690 | 720 | 2.26 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 1 | -9 | 5 | 23 | 0.017 | 22 | 1 | 8 | 984 | 12 | 1450 | 800 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 2 | -9 | 5 | 23 | 0.009 | 22 | 1 | 8 | 1090 | 12 | 1880 | 540 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 1 | -10 | 5 | 23 | 0.011 | 22 | 2 | 8 | 414 | 12 | 597 | 370 | -0.74 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 2 | -10 | 5 | 23 | 0.007 | 22 | 2 | 8 | 424 | 12 | 594 | 390 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 1 | -11 | 5 | 23 | 0.008 | 22 | 2 | 8 | 344 | 12 | 649 | 390 | -0.74 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 2 | -11 | 4 | 23 | 0.009 | 22 | 4 | 8 | 350 | 12 | 537 | 400 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 3 | -11 | 5 | 23 | 0.009 | 22 | 1 | 8 | 382 | 12 | 636 | 380 | -0.74 | 2 | 3.04 | 3 | |
| PAINTED CONCRETE | 4 | -11 | 5 | 23 | 0.018 | 22 | 1 | 8 | 311 | 12 | 627 | 360 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 5 | -11 | 5 | 23 | 0.014 | 22 | 3 | 8 | 334 | 12 | 586 | 380 | 0.76 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 6 | -11 | 5 | 23 | 0.013 | 22 | 1 | 8 | 347 | 12 | 478 | 350 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 7 | -11 | 5 | 23 | 0.013 | 22 | 0 | 8 | 358 | 12 | 609 | 380 | 0.76 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 8 | -11 | 5 | 23 | 0.018 | 22 | 2 | 8 | 367 | 12 | 585 | 360 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 9 | -11 | 5 | 23 | 0.01 | 22 | 4 | 8 | 388 | 12 | 592 | 410 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 10 | -11 | 4 | 23 | 0.012 | 22 | 3 | 8 | 386 | 12 | 739 | 380 | 0.76 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 1 | -12 | 5 | 23 | 0.013 | 22 | 0 | 8 | 374 | 12 | 550 | 360 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 2 | -12 | 5 | 23 | 0.012 | 22 | 3 | 8 | 359 | 12 | 497 | 340 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 3 | -12 | 5 | 23 | 0.009 | 22 | 0 | 8 | 391 | 12 | 515 | 400 | 3.76 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 4 | -12 | 5 | 23 | 0.011 | 22 | 2 | 8 | 321 | 12 | 432 | 280 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 5 | -12 | 5 | 23 | 0.02 | 22 | 4 | 8 | 349 | 12 | 421 | 340 | 0.76 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 6 | -12 | 5 | 23 | 0.013 | 22 | 1 | 8 | 432 | 12 | 524 | 410 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 7 | -12 | 5 | 23 | 0.009 | 22 | 3 | 8 | 406 | 12 | 560 | 420 | 0.76 | 2 | -2.36 | 3 | |

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-270 |
|------------------|--------|

| | |
|------------------|----|
| Survey Section: | 1 |
| Survey Unit: | 20 |
| Survey Sub-unit: | 4 |

| | |
|-----------------|-------|
| Classification: | 5 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/8/95 |
| Count Date: | 5/22/95 |

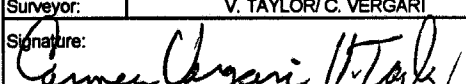
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 252 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.009 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|-----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 8 | -12 | 5 | 23 | 0.013 | 22 | 2 | 8 | 374 | 12 | 431 | 300 | -0.74 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 9 | -12 | 5 | 23 | 0.018 | 22 | 1 | 8 | 380 | 12 | 405 | 340 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 10 | -12 | 5 | 23 | 0.013 | 22 | 2 | 8 | 364 | 12 | 490 | 400 | -0.74 | 2 | -5.06 | 3 | |
| PAINTED CONCRETE | 1 | -13 | 5 | 23 | 0.014 | 22 | 1 | 8 | 394 | 12 | 475 | 380 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 2 | -13 | 5 | 23 | 0.012 | 22 | 2 | 8 | 407 | 12 | 480 | 380 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 3 | -13 | 5 | 23 | 0.016 | 22 | 2 | 8 | 425 | 12 | 527 | 390 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 4 | -13 | 5 | 23 | 0.012 | 22 | 1 | 8 | 397 | 12 | 502 | 380 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 5 | -13 | 5 | 23 | 0.014 | 22 | 3 | 8 | 416 | 12 | 438 | 370 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 6 | -13 | 5 | 23 | 0.014 | 22 | 2 | 8 | 356 | 12 | 507 | 430 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 7 | -13 | 5 | 23 | 0.01 | 22 | 0 | 8 | 380 | 12 | 453 | 370 | -0.74 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 8 | -13 | 5 | 23 | 0.012 | 22 | 3 | 8 | 384 | 12 | 537 | 340 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 9 | -13 | 5 | 23 | 0.019 | 22 | 4 | 8 | 374 | 12 | 515 | 360 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 10 | -13 | 5 | 23 | 0.013 | 22 | 1 | 8 | 397 | 12 | 470 | 260 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 1 | -14 | 5 | 23 | 0.02 | 22 | 2 | 8 | 398 | 12 | 578 | 390 | 0.76 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 2 | -14 | 5 | 23 | 0.015 | 22 | 2 | 8 | 377 | 12 | 516 | 370 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 3 | -14 | 5 | 23 | 0.007 | 22 | 1 | 8 | 388 | 12 | 841 | 430 | 0.76 | 2 | -3.71 | 3 | |
| PAINTED CONCRETE | 4 | -14 | 5 | 23 | 0.065 | 22 | 1 | 8 | 356 | 12 | 490 | 350 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 5 | -14 | 5 | 23 | 0.015 | 22 | 1 | 8 | 379 | 12 | 457 | 350 | 0.76 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 6 | -14 | 5 | 23 | 0.015 | 22 | 4 | 8 | 384 | 12 | 515 | 350 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 7 | -14 | 5 | 23 | 0.023 | 22 | 1 | 8 | 356 | 12 | 408 | 340 | 0.76 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 8 | -14 | 5 | 23 | 0.013 | 22 | 2 | 8 | 373 | 12 | 381 | 330 | -0.74 | 2 | -5.06 | 3 | |
| PAINTED CONCRETE | 9 | -14 | 5 | 23 | 0.013 | 22 | 1 | 8 | 371 | 12 | 451 | 320 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 10 | -14 | 5 | 23 | 0.012 | 22 | 3 | 8 | 351 | 12 | 537 | 330 | -0.74 | 2 | -1.01 | 3 | |

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-270 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|----|
| Survey Unit: | 20 |
|--------------|----|

| | |
|------------------|---|
| Survey Sub-unit: | 4 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 5 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|--------|
| Survey Date: | 3/8/95 |
|--------------|--------|

| | |
|-------------|---------|
| Count Date: | 5/22/95 |
|-------------|---------|

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 2 |
| | | | | |


| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 252 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.009 | Beta / Gamma |
| | | | |

| | |
|-----------|-----------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
|-----------|-----------------------|

Signature: 

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|-----------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 1 | -15 | 6 | 23 | 0.018 | 22 | 3 | 8 | 2560 | 12 | 3650 | 860 | -0.74 | 2 | 0.34 | 3 | EXPANSION JOINT |
| PAINTED CONCRETE | 2 | -15 | 6 | 23 | 0.009 | 22 | 2 | 8 | 364 | 12 | 639 | 420 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 3 | -15 | 5 | 23 | 0.015 | 22 | 2 | 8 | 420 | 12 | 1580 | 800 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 4 | -15 | 6 | 23 | 0.015 | 22 | 2 | 8 | 828 | 12 | 1040 | 560 | -0.74 | 2 | -2.36 | 3 | |
| PAINTED CONCRETE | 5 | -15 | 6 | 23 | 0.015 | 22 | 5 | 8 | 344 | 12 | 428 | 320 | 0.76 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 6 | -15 | 5 | 23 | 0.012 | 22 | 4 | 8 | 323 | 12 | 437 | 260 | -0.74 | 2 | 1.69 | 3 | |
| PAINTED CONCRETE | 7 | -15 | 5 | 23 | 0.01 | 22 | 3 | 8 | 342 | 12 | 436 | 320 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 8 | -15 | 5 | 23 | 0.014 | 22 | 3 | 8 | 346 | 12 | 465 | 340 | 0.76 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 9 | -15 | 5 | 23 | 0.009 | 22 | 3 | 8 | 360 | 12 | 435 | 330 | -0.74 | 2 | -1.01 | 3 | |
| PAINTED CONCRETE | 10 | -15 | 5 | 23 | 0.015 | 22 | 4 | 8 | 350 | 12 | 429 | 320 | 0.76 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 10 | -15 | 5 | 23 | 0.015 | 22 | 4 | 8 | 350 | 12 | 429 | 320 | -0.74 | 2 | 0.34 | 3 | |
| PAINTED CONCRETE | 10 | -15 | 5 | 23 | 0.015 | 22 | 4 | 8 | 350 | 12 | 429 | 320 | | 2 | | 3 | |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-270.XLD
 Batch Ended: 5/22/95 7:00
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-20-4

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|--------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 1 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 4:57 |
| 2 | 2.258 | 2.12 | <AL | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.754 | -1.38 | 5/22/95 5:00 |
| 3 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 5:02 |
| 4 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 5:04 |
| 5 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/22/95 5:06 |
| 6 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 5:08 |
| 7 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/22/95 5:11 |
| 8 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 5:13 |
| 9 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 5/22/95 5:15 |
| 10 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 5:17 |
| 11 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 5/22/95 5:19 |
| 12 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 5:22 |
| 13 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/22/95 5:24 |
| 14 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 5:26 |
| 15 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 5:28 |
| 16 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/22/95 5:30 |
| 17 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 5:33 |
| 18 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 5:35 |
| 19 | 3.756 | 2.60 | <AL | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 1.254 | -0.38 | 5/22/95 5:37 |
| 20 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 5:39 |
| 21 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 5/22/95 5:41 |
| 22 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 5:44 |
| 23 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/22/95 5:46 |
| 24 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/22/95 5:48 |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/25/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-270.XLD
 Batch Ended: 5/22/95 7:00
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-20-4

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count time (min) | Alpha CPM | Beta CPM | Completion Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------------|-----------|----------|------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 25 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 5:50 |
| 26 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 5/22/95 5:52 |
| 27 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 5:55 |
| 28 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 5:57 |
| 29 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 5:59 |
| 31 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 6:01 |
| 30 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 6:03 |
| 32 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 6:06 |
| 33 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 5/22/95 6:08 |
| 34 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 6:10 |
| 35 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 6:12 |
| 36 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 6:14 |
| 37 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 5/22/95 6:17 |
| 38 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 6:19 |
| 39 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 5/22/95 6:21 |
| 40 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 6:23 |
| 41 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/22/95 6:25 |
| 42 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 6:27 |
| 43 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 5/22/95 6:30 |
| 44 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 5/22/95 6:32 |
| 45 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 6:34 |
| 46 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 6:36 |
| 47 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 6:39 |
| 48 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 6:41 |

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/25/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-270.XLD
 Batch Ended: 5/22/95 7:00
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

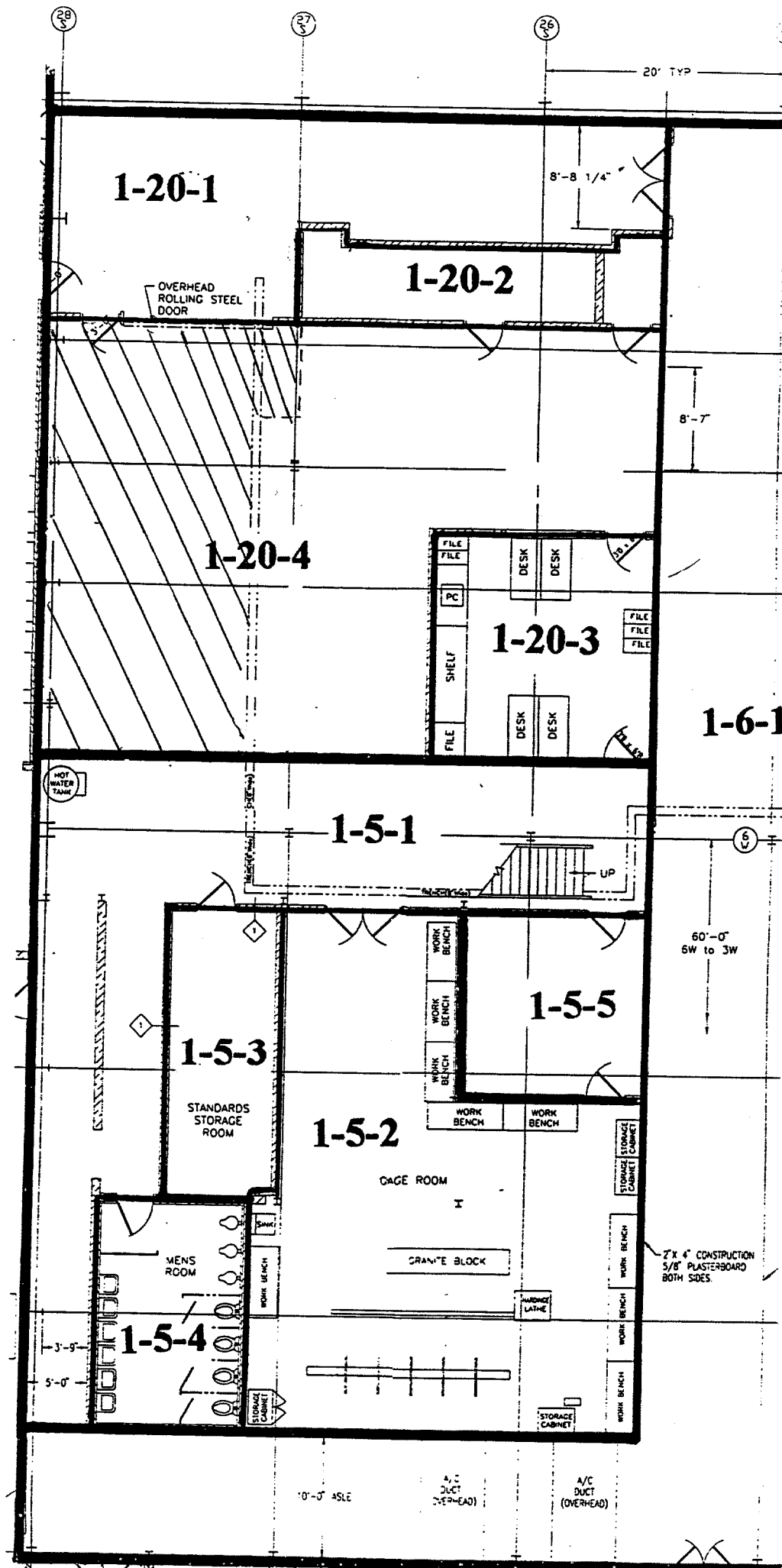
Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-20-4

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 49 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 6:43 |
| 50 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/22/95 6:45 |
| 51 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/22/95 6:47 |
| 52 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/22/95 6:49 |
| 53 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 6:52 |
| 54 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/22/95 6:54 |
| 55 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/22/95 6:56 |
| 56 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 5/22/95 6:58 |
| 57 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/22/95 7:00 |



1-20-1-1-20-4
 SW: 01-270
 DATE: 3-8-95
 BY: CV/V

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-271 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|---|
| Survey Unit: | 5 |
|--------------|---|

| | |
|------------------|---|
| Survey Sub-unit: | 1 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 5 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|--------|
| Survey Date: | 3/8/95 |
|--------------|--------|

| | |
|-------------|--------|
| Count Date: | 6/5/95 |
|-------------|--------|

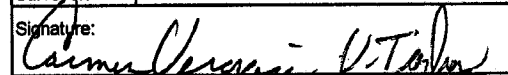
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 1 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 382 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.01 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|-------|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 1 | -10.5 | 5 | 23 | 0.011 | 22 | 2 | 8 | 475 | 12 | 481 | 420 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -10.5 | 5 | 23 | 0.012 | 22 | 2 | 8 | 489 | 12 | 519 | 410 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -10.5 | 5 | 23 | 0.008 | 22 | 0 | 8 | 466 | 12 | 496 | 430 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 1 | -12 | 5 | 23 | 0.014 | 22 | 3 | 8 | 429 | 12 | 457 | 350 | 2.26 | 2 | 1.69 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -12 | 5 | 23 | 0.011 | 22 | 0 | 8 | 461 | 12 | 451 | 410 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -12 | 6 | 23 | 0.004 | 22 | 2 | 8 | 450 | 12 | 485 | 360 | -0.74 | 2 | 3.04 | 3 | FLOOR |
| PAINTED CONCRETE | 1 | -13 | 6 | 23 | 0.012 | 22 | 1 | 8 | 463 | 12 | 444 | 360 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -13 | 5 | 23 | 0.014 | 22 | 3 | 8 | 453 | 12 | 407 | 330 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -13 | 6 | 23 | 0.013 | 22 | 1 | 8 | 407 | 12 | 438 | 350 | -0.74 | 2 | 1.69 | 3 | FLOOR |
| PAINTED CONCRETE | 4 | -13 | 7 | 23 | 0.014 | 22 | 1 | 8 | 504 | 12 | 673 | 450 | -0.74 | 2 | -5.06 | 3 | FLOOR |
| PAINTED CONCRETE | 5 | -13 | 8 | 23 | 0.011 | 22 | 2 | 8 | 478 | 12 | 526 | 460 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 6 | -13 | 8 | 23 | 0.012 | 22 | 2 | 8 | 495 | 12 | 585 | 500 | -0.74 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 7 | -13 | 8 | 23 | 0.016 | 22 | 3 | 8 | 519 | 12 | 618 | 500 | -0.74 | 2 | 1.69 | 3 | FLOOR |
| PAINTED CONCRETE | 8 | -13 | 9 | 23 | 0.014 | 22 | 1 | 8 | 495 | 12 | 601 | 475 | 0.76 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 9 | -13 | 9 | 23 | 0.012 | 22 | 1 | 8 | 527 | 12 | 610 | 450 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 10 | -13 | 9 | 23 | 0.009 | 22 | 2 | 8 | 532 | 12 | 538 | 420 | -0.74 | 2 | 5.73 | 3 | FLOOR |
| PAINTED CONCRETE | 11 | -13 | 8 | 23 | 0.018 | 22 | 3 | 8 | 634 | 12 | 624 | 540 | 0.76 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 1 | -14.5 | 5 | 23 | 0.016 | 22 | 2 | 8 | 445 | 12 | 520 | 400 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 2 | -14.5 | 5 | 23 | 0.015 | 22 | 2 | 8 | 417 | 12 | 479 | 360 | 0.76 | 2 | 4.39 | 3 | FLOOR |
| PAINTED CONCRETE | 3 | -14.5 | 6 | 23 | 0.015 | 22 | 1 | 8 | 444 | 12 | 469 | 350 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 4 | -14.5 | 5 | 23 | 0.016 | 22 | 2 | 8 | 465 | 12 | 614 | 360 | 0.76 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 5 | -14.5 | 6 | 23 | 0.013 | 22 | 5 | 8 | 495 | 12 | 482 | 400 | -0.74 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 6 | -14.5 | 7 | 23 | 0.014 | 22 | 2 | 8 | 498 | 12 | 531 | 400 | -0.74 | 2 | -1.01 | 3 | FLOOR |

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-271 |
|------------------|--------|

| | |
|------------------|---|
| Survey Section: | 1 |
| Survey Unit: | 5 |
| Survey Sub-unit: | 1 |

| | |
|-----------------|-------|
| Classification: | 5 |
| Survey Type: | LOWER |

| | |
|--------------|--------|
| Survey Date: | 3/8/95 |
| Count Date: | 6/5/95 |

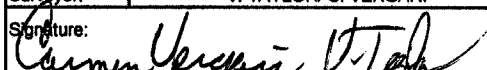
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 1 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 382 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.01 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-------|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED CONCRETE | 7 | -14.5 | 6 | 23 | 0.015 | 22 | 3 | 8 | 506 | 12 | 511 | 400 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 8 | -14.5 | 8 | 23 | 0.013 | 22 | 4 | 8 | 569 | 12 | 567 | 430 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| PAINTED CONCRETE | 9 | -14.5 | 8 | 23 | 0.009 | 22 | 1 | 8 | 411 | 12 | 549 | 400 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 10 | -14.5 | 8 | 23 | 0.014 | 22 | 4 | 8 | 383 | 12 | 525 | 390 | -0.74 | 2 | -5.06 | 3 | FLOOR |
| PAINTED CONCRETE | 11 | -14.5 | 8 | 23 | 0.006 | 22 | 1 | 8 | 354 | 12 | 520 | 380 | -0.74 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 12 | -14.5 | 8 | 23 | 0.017 | 22 | 3 | 8 | 366 | 12 | 521 | 350 | -0.74 | 2 | 0.34 | 3 | FLOOR |
| PAINTED CONCRETE | 13 | -14.5 | 7 | 23 | 0.014 | 22 | 1 | 8 | 364 | 12 | 544 | 350 | 0.76 | 2 | -1.01 | 3 | FLOOR |
| PAINTED CONCRETE | 14 | -14.5 | 5 | 23 | 0.016 | 22 | 6 | 8 | 400 | 12 | 556 | 420 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| PAINTED CONCRETE | 15 | -14.5 | 8 | 23 | 0.008 | 22 | 5 | 8 | 384 | 12 | 528 | 400 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| PAINTED CONCRETE | 16 | -14.5 | 6 | 23 | 0.01 | 22 | 3 | 8 | 412 | 12 | 476 | 375 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| PAINTED CONCRETE | 17 | -14.5 | 7 | 23 | 0.01 | 22 | 1 | 8 | 351 | 12 | 533 | 360 | -0.74 | 2 | 0.34 | 3 | FLOOR |

LB5100-W Low Background Counting System – Smear Analysis

Date: 6/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-271.XLD
 Batch Ended: 6/5/95 8:39
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Alpha efficiency log file: th230ab

Alpha Efficiency: 33.37%

Alpha to Beta Crosstalk: 24.79%

Alpha Background (CPM): 0.246428571

Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab

Beta Efficiency: 37.06%

Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875

Beta Correction Factor: 1.000

Batch ID: Blairsville 1-5-1

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------------------|------|---------------|----------|-------|-------|------------|--------|-------|-------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 1 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/5/95 7:27 |
| 2 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 7:29 |
| 3 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 7:32 |
| 4 | 2.258 | 2.12 | <AL | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.754 | 0.63 | 6/5/95 7:34 |
| 5 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 7:36 |
| 6 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 6/5/95 7:38 |
| 7 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/5/95 7:40 |
| 8 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 7:42 |
| 9 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 7:45 |
| 10 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 6/5/95 7:47 |
| 11 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/5/95 7:49 |
| 12 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/5/95 7:51 |
| 13 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 7:53 |
| 14 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 7:56 |
| 15 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 7:58 |
| 16 | -0.738 | 1.50 | <MDA | 7.53 | 5.73 | 3.83 | <AL | 12.28 | 2.00 | -0.246 | 2.13 | 6/5/95 8:00 |
| 17 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 6/5/95 8:02 |
| 18 | -0.738 | 1.50 | <MDA _j | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 8:04 |
| 19 | 0.760 | 1.50 | <MDA | 7.53 | 4.39 | 3.58 | <AL | 12.28 | 2.00 | 0.254 | 1.63 | 6/5/95 8:07 |
| 20 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 8:09 |
| 21 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 8:11 |
| 22 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/5/95 8:13 |
| 23 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 8:15 |
| 24 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 8:18 |

LB5100-W Low Background Counting System – Smear Analysis

Date: 6/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-271.XLD
 Batch Ended: 6/5/95 8:39
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Batch ID: Blairsville 1-5-1

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 25 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/5/95 8:20 |
| 26 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 8:22 |
| 27 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 6/5/95 8:24 |
| 28 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/5/95 8:26 |
| 29 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/5/95 8:29 |
| 31 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 8:31 |
| 30 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 8:33 |
| 32 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 8:35 |
| 33 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 8:37 |
| 34 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/5/95 8:39 |

[illegible]

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-272 |
| Survey Section: | 1 |
| Survey Unit: | 1 |
| Survey Sub-unit: | 1 |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 3 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 571 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| | |
|------------|---------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: | <i>Carmen Vergari V. Taylor</i> |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED BRICK | 1 | 1 | N/A | N/A | N/A | N/A | 3 | 8 | 579 | 12 | 627 | 580 | -0.74 | 2 | 1.69 | 3 | NORTH WALL |
| PAINTED BRICK | 2.5 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 522 | 12 | 639 | 490 | -0.74 | 2 | -5.06 | 3 | NORTH WALL |
| PAINTED BRICK | 5 | 1 | N/A | N/A | N/A | N/A | 0 | 8 | 620 | 12 | 621 | 560 | 0.76 | 2 | -2.36 | 3 | NORTH WALL |
| PAINTED BRICK | 0.2 | 1.5 | N/A | N/A | N/A | N/A | 1 | 8 | 626 | 12 | 618 | 540 | 0.76 | 2 | 1.69 | 3 | EAST WALL |
| PAINTED BRICK | 2.5 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 629 | 12 | 817 | 560 | 0.76 | 2 | 1.69 | 3 | EAST WALL |
| PAINTED BRICK | 1 | 0.5 | N/A | N/A | N/A | N/A | 0 | 8 | 622 | 12 | 622 | 580 | -0.74 | 2 | -1.01 | 3 | SOUTH WALL |
| PAINTED BRICK | 3 | 1 | N/A | N/A | N/A | N/A | 1 | 8 | 617 | 12 | 735 | 550 | -0.74 | 2 | 7.08 | 3 | SOUTH WALL |
| PAINTED BRICK | 5 | 1.5 | N/A | N/A | N/A | N/A | 0 | 8 | 583 | 12 | 695 | 540 | -0.74 | 2 | 0.34 | 3 | SOUTH WALL |
| PAINTED BRICK | 0.5 | 1 | N/A | N/A | N/A | N/A | 3 | 8 | 610 | 12 | 633 | 530 | -0.74 | 2 | -2.36 | 3 | WEST WALL |

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/31/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-272.XLD
 Batch Ended: 5/30/95 9:13
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

Batch ID: Blairsville 1-1-1

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 38 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/30/95 8:51 |
| 39 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 5/30/95 8:53 |
| 40 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 5/30/95 8:55 |
| 41 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 5/30/95 8:58 |
| 42 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 5/30/95 9:00 |
| 43 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 5/30/95 9:02 |
| 44 | -0.738 | 1.50 | <MDA | 7.53 | 7.08 | 4.06 | <AL | 12.28 | 2.00 | -0.246 | 2.63 | 5/30/95 9:04 |
| 45 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 5/30/95 9:06 |
| 46 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 9:09 |
| 47 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 5/30/95 9:11 |
| 48 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 5/30/95 9:13 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA. USA

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-273 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|---|
| Survey Unit: | 4 |
|--------------|---|

| | |
|------------------|---|
| Survey Sub-unit: | 1 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 4 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|---------|
| Survey Date: | 3/15/95 |
|--------------|---------|

| | |
|-------------|--------|
| Count Date: | 6/5/95 |
|-------------|--------|

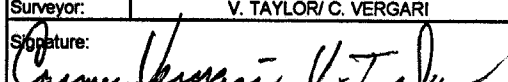
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 5 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 537 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| | | | |
| | | | |
| | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|------------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED BRICK | 0.5 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 602 | 12 | 663 | 530 | -0.74 | 2 | 1.69 | 3 | NORTH WALL |
| PAINTED BRICK | 1.5 | 1.5 | N/A | N/A | N/A | N/A | 2 | 8 | 595 | 12 | 623 | 560 | -0.74 | 2 | -3.71 | 3 | NORTH WALL |
| PAINTED BRICK | 5 | 0.5 | N/A | N/A | N/A | N/A | 3 | 8 | 619 | 12 | 715 | 540 | -0.74 | 2 | -3.71 | 3 | NORTH WALL |
| PAINTED BRICK | 0.3 | 1 | N/A | N/A | N/A | N/A | 3 | 8 | 652 | 12 | 709 | 550 | 0.76 | 2 | -2.36 | 3 | EAST WALL |
| PAINTED BRICK | 2.5 | 0.5 | N/A | N/A | N/A | N/A | 3 | 8 | 609 | 12 | 713 | 520 | -0.74 | 2 | -3.71 | 3 | EAST WALL |
| PAINTED BRICK | 1 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 585 | 12 | 702 | 540 | -0.74 | 2 | -2.36 | 3 | SOUTH WALL |
| PAINTED BRICK | 4 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 540 | 12 | 609 | 480 | 3.76 | 2 | 4.39 | 3 | SOUTH WALL |
| PAINTED BRICK | 5 | 1.5 | N/A | N/A | N/A | N/A | 2 | 8 | 541 | 12 | 726 | 490 | -0.74 | 2 | 7.08 | 3 | SOUTH WALL |
| PAINTED BRICK | 2 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 606 | 12 | 650 | 540 | -0.74 | 2 | 3.04 | 3 | WEST WALL |

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-273.XLD
 Batch Ended: 6/5/95 8:59
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

| |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000 |
| Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000 |
| Count time (min) Alpha CPM Beta CPM Completion Date - Time |
| 2.00 -0.246 0.63 6/5/95 8:42 |
| 2.00 -0.246 -1.38 6/5/95 8:44 |
| 2.00 -0.246 -1.38 6/5/95 8:46 |
| 2.00 0.254 -0.88 6/5/95 8:48 |
| 2.00 -0.246 -1.38 6/5/95 8:51 |
| 2.00 -0.246 -0.88 6/5/95 8:53 |
| 2.00 1.254 1.63 6/5/95 8:55 |
| 2.00 -0.246 2.63 6/5/95 8:57 |
| 2.00 -0.246 1.13 6/5/95 8:59 |

| Alpha Activity | | | | | Beta Activity | | | |
|----------------|--------|----------|-------|------|---------------|----------|-------|-------|
| Carrier | DPM | σ | flags | MDA | DPM | σ | flags | MDA |
| 35 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 |
| 36 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 |
| 37 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 |
| 38 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 |
| 39 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 |
| 40 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 |
| 41 | 3.756 | 2.60 | <AL | 7.53 | 4.39 | 3.58 | <AL | 12.28 |
| 42 | -0.738 | 1.50 | <MDA | 7.53 | 7.08 | 4.06 | <AL | 12.28 |
| 43 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 |

[illegible][illegible]

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-274 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|----|
| Survey Unit: | 18 |
|--------------|----|

| | |
|------------------|---|
| Survey Sub-unit: | 8 |
|------------------|---|

| | |
|-----------------|---|
| Classification: | 4 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
|--------------|---------|

| | |
|-------------|--------|
| Count Date: | 6/5/95 |
|-------------|--------|

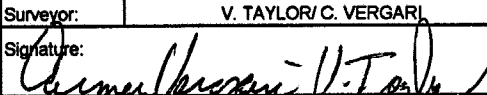
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 3 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 263 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|-------|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|-----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE | 1 | -2 | 5 | 23 | 0.011 | 22 | 1 | 8 | 262 | 12 | 365 | 280 | 2.26 | 2 | 3.04 | 3 | FLOOR |
| TILE | 1 | -4 | 5 | 23 | 0.012 | 22 | 4 | 8 | 275 | 12 | 325 | 290 | 0.76 | 2 | -2.36 | 3 | FLOOR |
| TILE | 1 | -6 | 5 | 23 | 0.01 | 22 | 5 | 8 | 288 | 12 | 327 | 250 | -0.74 | 2 | 5.73 | 3 | FLOOR |
| TILE | 1 | -8 | 5 | 23 | 0.01 | 22 | 3 | 8 | 292 | 12 | 391 | 260 | 0.76 | 2 | 1.69 | 3 | FLOOR |
| TILE | 1 | -10 | 5 | 23 | 0.014 | 22 | 2 | 8 | 294 | 12 | 348 | 260 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| TILE | 1 | -12 | 5 | 23 | 0.008 | 22 | 4 | 8 | 289 | 12 | 324 | 280 | -0.74 | 2 | 1.69 | 3 | FLOOR |
| TILE | 0.5 | -13 | 5 | 23 | 0.007 | 22 | 3 | 8 | 299 | 12 | 381 | 270 | 0.76 | 2 | -1.01 | 3 | FLOOR |
| TILE | 4 | -0.5 | 5 | 23 | 0.014 | 22 | 4 | 8 | 275 | 12 | 374 | 250 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| TILE | 4 | -2 | 4 | 23 | 0.009 | 22 | 1 | 8 | 274 | 12 | 298 | 240 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| TILE | 3.5 | -4 | 5 | 23 | 0.013 | 22 | 2 | 8 | 237 | 12 | 330 | 220 | -0.74 | 2 | 0.34 | 3 | FLOOR |
| TILE | 3.5 | -6 | 5 | 23 | 0.009 | 22 | 3 | 8 | 305 | 12 | 412 | 280 | 3.76 | 2 | -1.01 | 3 | FLOOR |
| TILE | 3.5 | -8 | 4 | 23 | 0.01 | 22 | 5 | 8 | 285 | 12 | 342 | 270 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| TILE | 3.5 | -10 | 5 | 23 | 0.009 | 22 | 5 | 8 | 294 | 12 | 406 | 290 | -0.74 | 2 | 1.69 | 3 | FLOOR |
| TILE | 3.5 | -12 | 5 | 23 | 0.013 | 22 | 3 | 8 | 322 | 12 | 344 | 290 | 0.76 | 2 | 1.69 | 3 | FLOOR |
| TILE | 2.5 | -12.5 | 5 | 23 | 0.014 | 22 | 1 | 8 | 265 | 12 | 311 | 260 | -0.74 | 2 | -3.71 | 3 | FLOOR |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 1 | 8 | 279 | 12 | 343 | 270 | -0.74 | 2 | 1.69 | 3 | WEST WALL |
| PAINTED BLOCK | 5 | 1 | N/A | N/A | N/A | N/A | 4 | 8 | 296 | 12 | 314 | 240 | -0.74 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 7 | 2 | N/A | N/A | N/A | N/A | 1 | 8 | 277 | 12 | 378 | 250 | -0.74 | 2 | 1.69 | 3 | WEST WALL |
| PAINTED BLOCK | 9 | 1 | N/A | N/A | N/A | N/A | 1 | 8 | 298 | 12 | 390 | 260 | 2.26 | 2 | 1.69 | 3 | WEST WALL |
| PAINTED BLOCK | 11 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 272 | 12 | 327 | 250 | -0.74 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 12.5 | 1 | N/A | N/A | N/A | N/A | 1 | 8 | 304 | 12 | 331 | 280 | -0.74 | 2 | 1.69 | 3 | WEST WALL |
| PAINTED BLOCK | 1 | 0.5 | N/A | N/A | N/A | N/A | 4 | 8 | 320 | 12 | 414 | 310 | -0.74 | 2 | -1.01 | 3 | EAST WALL |
| PAINTED BLOCK | 3.8 | 1 | N/A | N/A | N/A | N/A | 2 | 8 | 247 | 12 | 312 | 210 | 0.76 | 2 | -1.01 | 3 | EAST WALL |

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-274 |
| Survey Section: | 1 |
| Survey Unit: | 18 |
| Survey Sub-unit: | 8 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 6/5/95 |

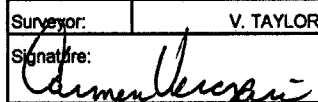
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 3 |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 263 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|-------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.013 | Beta / Gamma |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|-----|-------------|-------------|--------------------|------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|-----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| PAINTED BLOCK | 11 | 1 | N/A | N/A | N/A | N/A | 1 | 8 | 280 | 12 | 336 | 300 | -0.74 | 2 | -3.71 | 3 | EAST WALL |
| PAINTED BLOCK | 13 | 0.5 | N/A | N/A | N/A | N/A | 2 | 8 | 311 | 12 | 373 | 280 | -0.74 | 2 | -1.01 | 3 | EAST WALL |

LB5100-W Low Background Counting System – Smear Analysis

Date: 6/5/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-274.XLD
 Batch Ended: 6/5/95 9:57
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-18-8

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 44 | 2.258 | 2.12 | <AL | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | 0.754 | 1.13 | 6/5/95 9:02 |
| 45 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/5/95 9:04 |
| 46 | -0.738 | 1.50 | <MDA | 7.53 | 5.73 | 3.83 | <AL | 12.28 | 2.00 | -0.246 | 2.13 | 6/5/95 9:06 |
| 47 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/5/95 9:08 |
| 48 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 9:10 |
| 49 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 9:13 |
| 50 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 9:15 |
| 51 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 9:17 |
| 52 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 9:19 |
| 53 | -0.738 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | -0.246 | 0.13 | 6/5/95 9:21 |
| 54 | 3.756 | 2.60 | <AL | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 1.254 | -0.38 | 6/5/95 9:24 |
| 55 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 9:26 |
| 56 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 9:28 |
| 57 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/5/95 9:30 |
| 58 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 9:32 |
| 59 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 9:35 |
| 60 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 9:37 |
| 61 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 9:39 |
| 62 | 2.258 | 2.12 | <AL | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.754 | 0.63 | 6/5/95 9:41 |
| 63 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 9:43 |
| 64 | -0.738 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | -0.246 | 0.63 | 6/5/95 9:46 |
| 65 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 9:48 |
| 66 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 9:50 |
| 67 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 9:52 |

Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%
 Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
 Counting Unit Id: 1
 Data file name: C:\LBXL\UNIT1\B01-274.XLD
 Batch Ended: 6/5/95 9:57
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3
 Application Version: Standard

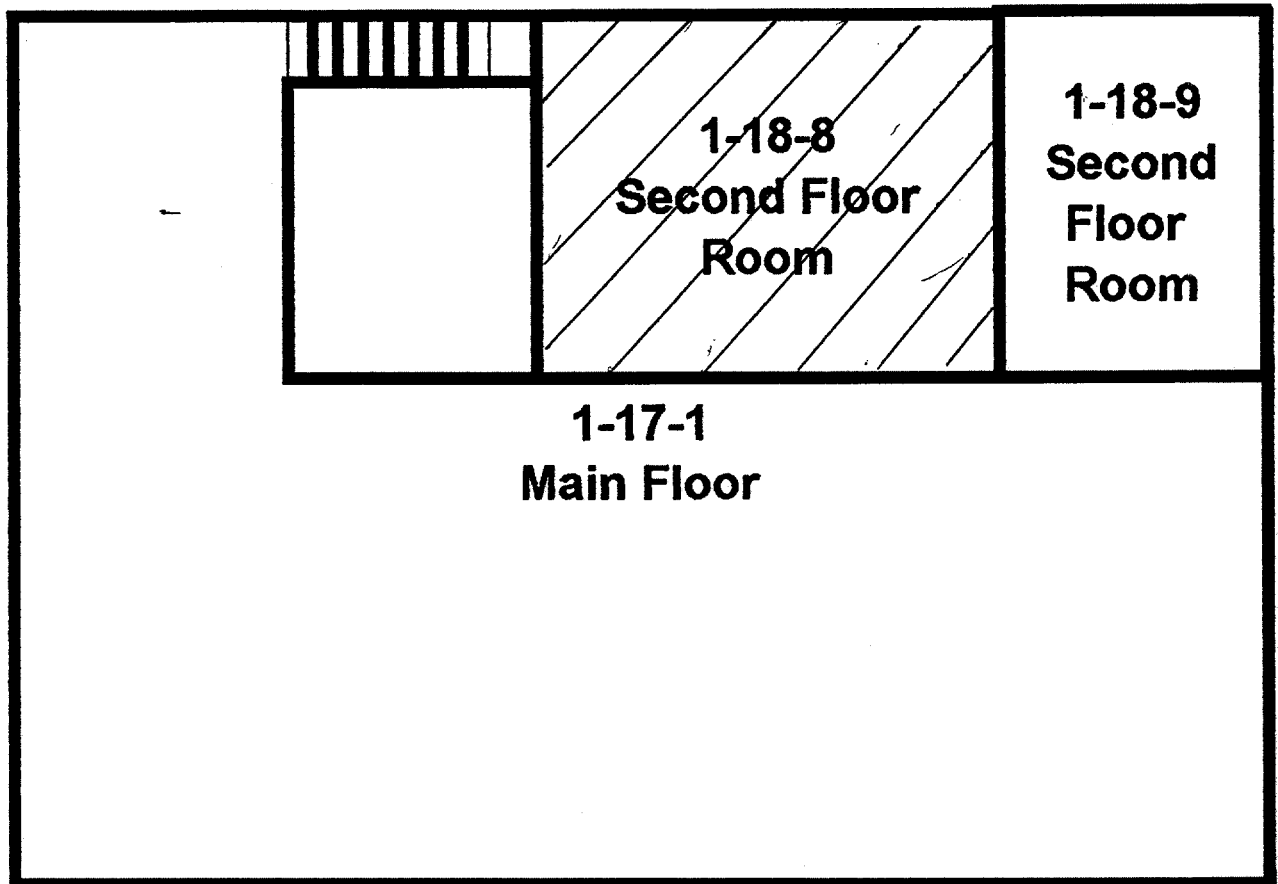
Batch ID: Blairsville 1-18-8

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count | Alpha | Beta | Completion |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|------------|--------|-------|-------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | time (min) | CPM | CPM | Date - Time |
| 68 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 9:54 |
| 69 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 6/5/95 9:57 |

| |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000 |
| Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000 |

UNIT: 1-188
SN: 01-274
DATE: 3-16-95
BY: CV/VT

**SECOND FLOOR ROOMS
UNIT 1-18**



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-275 |
| Survey Section: | 1 |
| Survey Unit: | 18 |
| Survey Sub-unit: | 9 |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1588 | 8 | 20.3 | 4.93 | 1 |
| | | | | |


| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 1595 | 12 | 32.4 | 3.09 | 249 |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|--------------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| 1522 | 22 | 0.01 | Beta / Gamma |
| | | | |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 2 | 33.37 | 3.00 | 0.25 |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| 13295 | 3 | 37.06 | 2.70 | 1.88 |
| | | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR/ C. VERGARI |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|------|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|-----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE | 1 | -1 | 5 | 23 | 0.01 | 22 | 4 | 8 | 273 | 12 | 437 | 260 | -0.74 | 2 | 3.04 | 3 | FLOOR |
| TILE | 1 | -2 | 5 | 23 | 0.013 | 22 | 0 | 8 | 260 | 12 | 364 | 280 | 0.76 | 2 | -3.71 | 3 | FLOOR |
| TILE | 1 | -4 | 5 | 23 | 0.012 | 22 | 2 | 8 | 294 | 12 | 426 | 270 | -0.74 | 2 | -1.01 | 3 | FLOOR |
| TILE | 1 | -5.5 | 5 | 23 | 0.012 | 22 | 3 | 8 | 289 | 12 | 365 | 250 | 0.76 | 2 | 1.69 | 3 | FLOOR |
| TILE | 2 | -4.5 | 5 | 23 | 0.018 | 22 | 2 | 8 | 265 | 12 | 334 | 270 | -0.74 | 2 | 3.04 | 3 | FLOOR |
| TILE | 3.5 | -1 | 5 | 23 | 0.01 | 22 | 3 | 8 | 302 | 12 | 372 | 280 | 0.76 | 2 | 1.69 | 3 | FLOOR |
| TILE | 3.5 | -2 | 5 | 23 | 0.013 | 22 | 4 | 8 | 291 | 12 | 374 | 280 | 0.76 | 2 | 0.34 | 3 | FLOOR |
| TILE | 3.5 | -4 | 4 | 23 | 0.014 | 22 | 4 | 8 | 296 | 12 | 373 | 260 | -0.74 | 2 | -2.36 | 3 | FLOOR |
| TILE | 4 | -6 | 5 | 23 | 0.011 | 22 | 2 | 8 | 283 | 12 | 422 | 250 | 0.76 | 2 | -1.01 | 3 | FLOOR |
| PAINTED BLOCK | 1 | 1.5 | N/A | N/A | N/A | N/A | 4 | 8 | 280 | 12 | 398 | 290 | 0.76 | 2 | -1.01 | 3 | WEST WALL |
| PAINTED BLOCK | 2 | 0.5 | N/A | N/A | N/A | N/A | 1 | 8 | 304 | 12 | 385 | 290 | -0.74 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 3 | 1 | N/A | N/A | N/A | N/A | 6 | 8 | 283 | 12 | 382 | 270 | 0.76 | 2 | -2.36 | 3 | WEST WALL |
| PAINTED BLOCK | 4.5 | 1 | N/A | N/A | N/A | N/A | 7 | 8 | 315 | 12 | 384 | 330 | -0.74 | 2 | -5.06 | 3 | WEST WALL |
| PAINTED BLOCK | 2.3 | 0.5 | N/A | N/A | N/A | N/A | 5 | 8 | 304 | 12 | 292 | 250 | -0.74 | 2 | -3.71 | 3 | EAST WALL |
| PAINTED BLOCK | 3.5 | 0.5 | N/A | N/A | N/A | N/A | 4 | 8 | 299 | 12 | 359 | 280 | -0.74 | 2 | 8.43 | 3 | EAST WALL |
| PAINTED BLOCK | 5.5 | 1 | N/A | N/A | N/A | N/A | 4 | 8 | 249 | 12 | 369 | 240 | | 2 | | 3 | EAST WALL |

LB5100-W Low Background Counting System – Smear Analysis

Date: 6/5/95
 Counting Unit id: 1
 Data file name: C:\LBXL\UNIT1\B01-275.XLD
 Batch Ended: 6/5/95 10:30
 Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 20.00
 Beta activity action level (DPM): 200.00
 Certainty level for MDA and flags: 95.00%
 High Voltage Setting: 1410

Application Revision: 3

Application Version: Standard

Batch ID: Blairsville 1-18-9

| Carrier | Alpha Activity | | | | Beta Activity | | | | Count
time (min) | Alpha
CPM | Beta
CPM | Completion
Date - Time |
|---------|----------------|----------|-------|------|---------------|----------|-------|-------|---------------------|--------------|-------------|---------------------------|
| | DPM | σ | flags | MDA | DPM | σ | flags | MDA | | | | |
| 70 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 6/5/95 9:59 |
| 71 | 0.760 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | 0.254 | -1.38 | 6/5/95 10:01 |
| 72 | -0.738 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | -0.246 | -0.38 | 6/5/95 10:03 |
| 73 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/5/95 10:05 |
| 74 | -0.738 | 1.50 | <MDA | 7.53 | 3.04 | 3.31 | <MDA | 12.28 | 2.00 | -0.246 | 1.13 | 6/5/95 10:08 |
| 75 | 0.760 | 1.50 | <MDA | 7.53 | 1.69 | 3.03 | <MDA | 12.28 | 2.00 | 0.254 | 0.63 | 6/5/95 10:10 |
| 76 | 0.760 | 1.50 | <MDA | 7.53 | 0.34 | 2.71 | <MDA | 12.28 | 2.00 | 0.254 | 0.13 | 6/5/95 10:12 |
| 77 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 10:14 |
| 78 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 10:16 |
| 79 | 0.760 | 1.50 | <MDA | 7.53 | -1.01 | 2.35 | <MDA | 12.28 | 2.00 | 0.254 | -0.38 | 6/5/95 10:19 |
| 80 | -0.738 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | -0.246 | -0.88 | 6/5/95 10:21 |
| 81 | 0.760 | 1.50 | <MDA | 7.53 | -2.36 | 1.92 | <MDA | 12.28 | 2.00 | 0.254 | -0.88 | 6/5/95 10:23 |
| 82 | -0.738 | 1.50 | <MDA | 7.53 | -5.06 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.88 | 6/5/95 10:25 |
| 83 | -0.738 | 1.50 | <MDA | 7.53 | -3.71 | 1.37 | <MDA | 12.28 | 2.00 | -0.246 | -1.38 | 6/5/95 10:27 |
| 84 | -0.738 | 1.50 | <MDA | 7.53 | 8.43 | 4.28 | <AL | 12.28 | 2.00 | -0.246 | 3.13 | 6/5/95 10:30 |

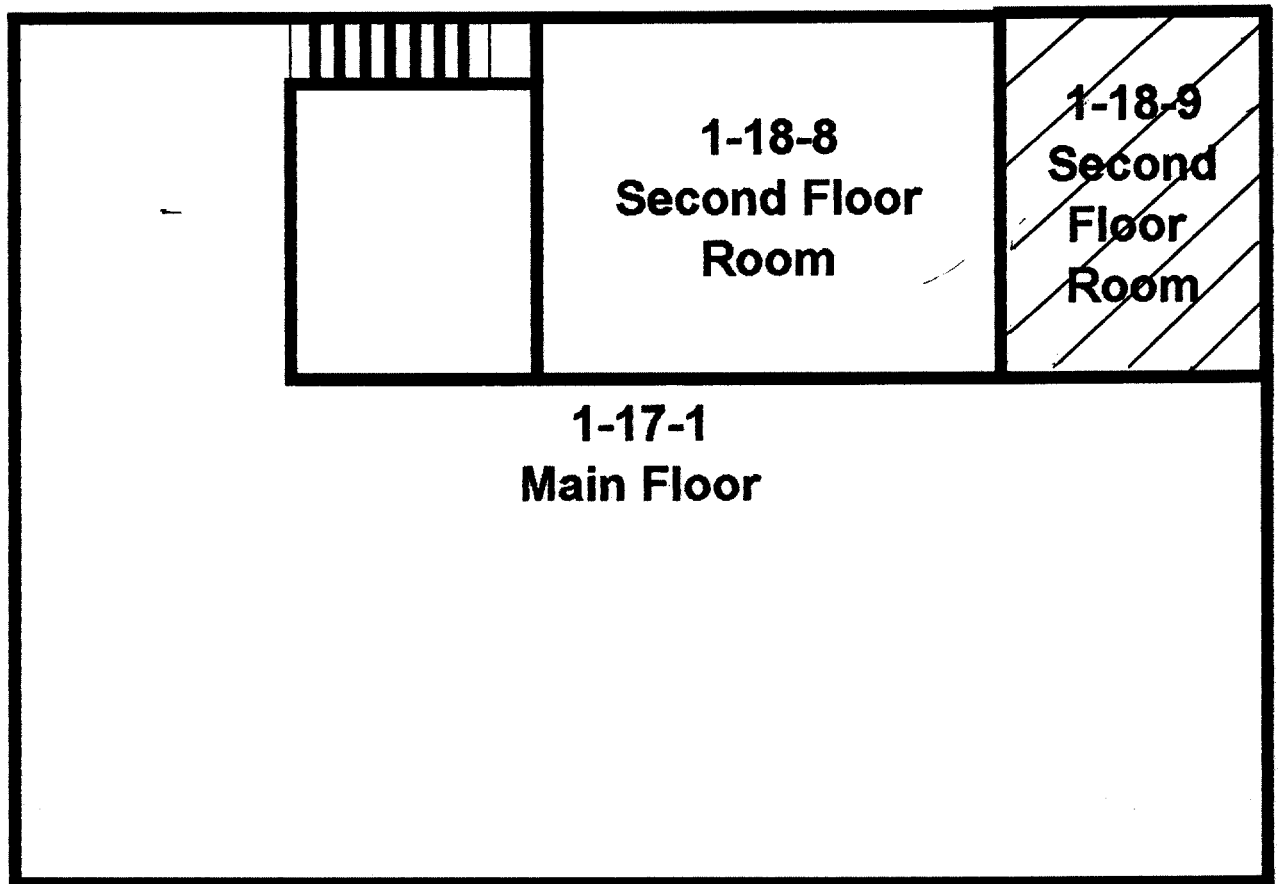
Alpha efficiency log file: th230ab
 Alpha Efficiency: 33.37%
 Alpha to Beta Crosstalk: 24.79%
 Alpha Background (CPM): 0.246428571
 Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
 Beta Efficiency: 37.06%
 Beta into Alpha Crosstalk: 0.03%

Beta Background (CPM): 1.875
 Beta Correction Factor: 1.000

UNIT: 1-18-9
SIN: 01-275
DATE: 3-16-95
BY CV/YT

SECOND FLOOR ROOMS
UNIT 1-18



Blairsville Point Survey Form #003

Survey Serial #: 01-276

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 1

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: ~~3/16/95~~
N/A JMS

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 173 | 234 | 5 | Gamma |
| | | | |
| | | | |

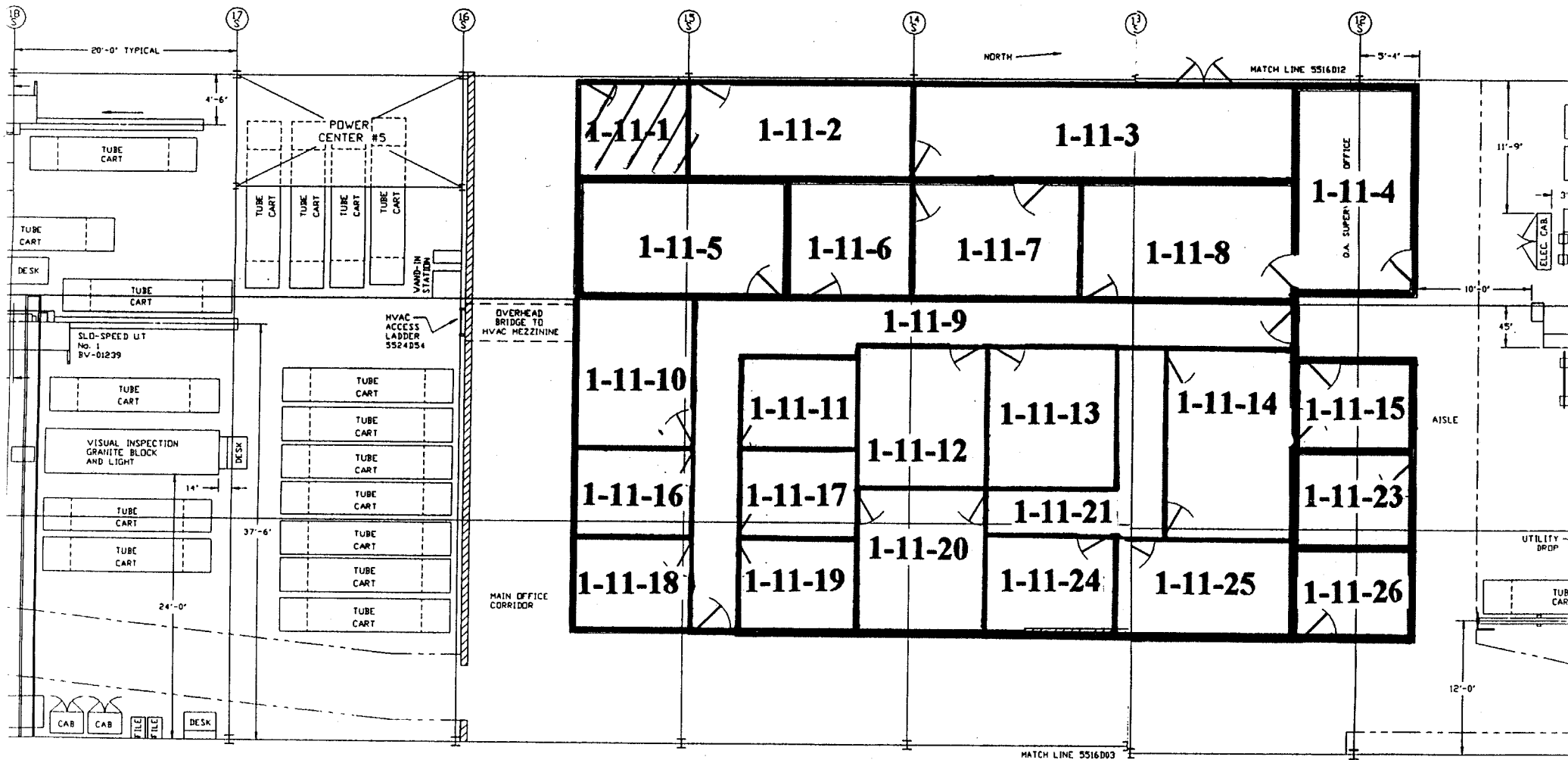
Surveyor: V. TAYLOR

Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m
uR/hr | Gamma Inst.
Code | Beta/Gamma Contact
mR/hr | Beta/Gamma Code | Contact Gross 1 min. Count
Alpha | Alpha Inst. Code | Contact Gross 1 min. Count
Beta | Beta Inst. Code | Scan Contact Gross CPM | | Removable DPM/100 cm2
Alpha | Alpha Count Code | Removable DPM/100 cm2
Beta | Beta Count Code | Comments |
|---------------------|-------------|----|----------------------|---------------------|-----------------------------|-----------------|-------------------------------------|------------------|------------------------------------|-----------------|------------------------|----------|--------------------------------|------------------|-------------------------------|-----------------|----------|
| | X | Y | | | | | | | | | Max Beta | Avg Beta | | | | | |
| TILE FLOOR | 1 | -1 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-1
 SN:
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING
 MID BAY PRODUCTION OFFICE
 (UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-277 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 2 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|--------------------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

N/A JMS


| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m
uR/hr | Gamma
Inst.
Code | Beta/Gamma
Contact
mR/hr | Beta/
Gamma
Code | Contact Gross
1 min. Count
Alpha | Alpha
Inst.
Code | Contact Gross
1 min. Count
Beta | Beta
Inst.
Code | Scan Contact
Gross CPM | | Removable
DPM/100 cm2
Alpha | Alpha
Count
Code | Removable
DPM/100 cm2
Beta | Beta
Count
Code | Comments |
|------------------------|-------------|----|-------------------------|------------------------|--------------------------------|------------------------|----------------------------------------|------------------------|---------------------------------------|-----------------------|---------------------------|----------|-----------------------------------|------------------------|----------------------------------|-----------------------|----------|
| | X | Y | | | | | | | | | Max Beta | Avg Beta | | | | | |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -5 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



Blairsville Point survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-278 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 3 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 2/16/95 |

N/A JMS


| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -3 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -7 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

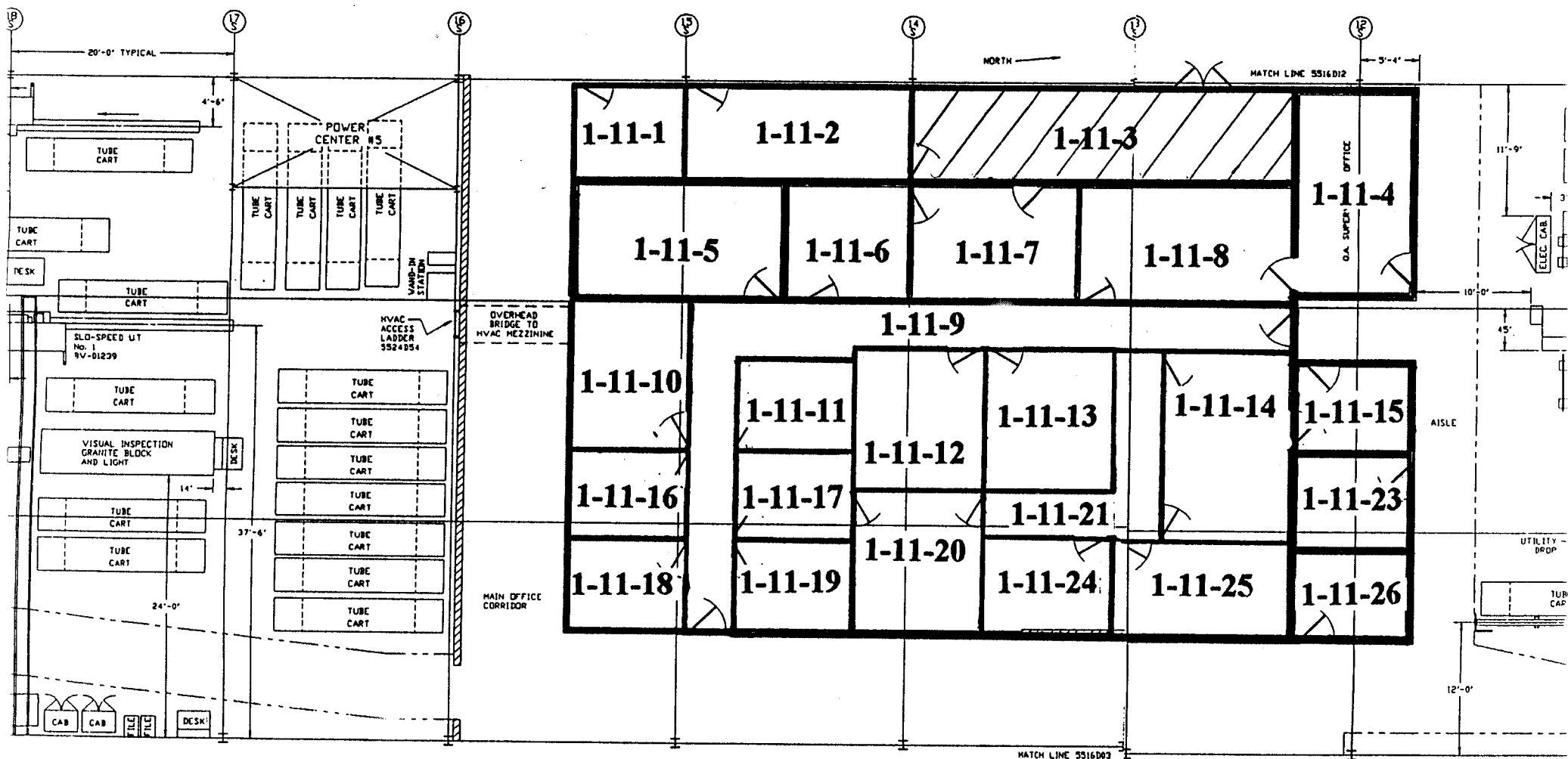
UNIT: 1-11-3

SN:

DATE: 3-16-95

BT: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #: 01-279

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 4

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: ~~3/16/95~~
N/A JMS

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 2 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 4 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

SN:

BY: VT

Blairsville Point Survey Form #003

Survey Serial #: 01-280

Survey Section: 1
Survey Unit: 11
Survey Sub-unit: 4

Classification: 4
Survey Type: LOWER

Survey Date: 3/16/95
Count Date: ~~3/16/95~~
N/A JMS

| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

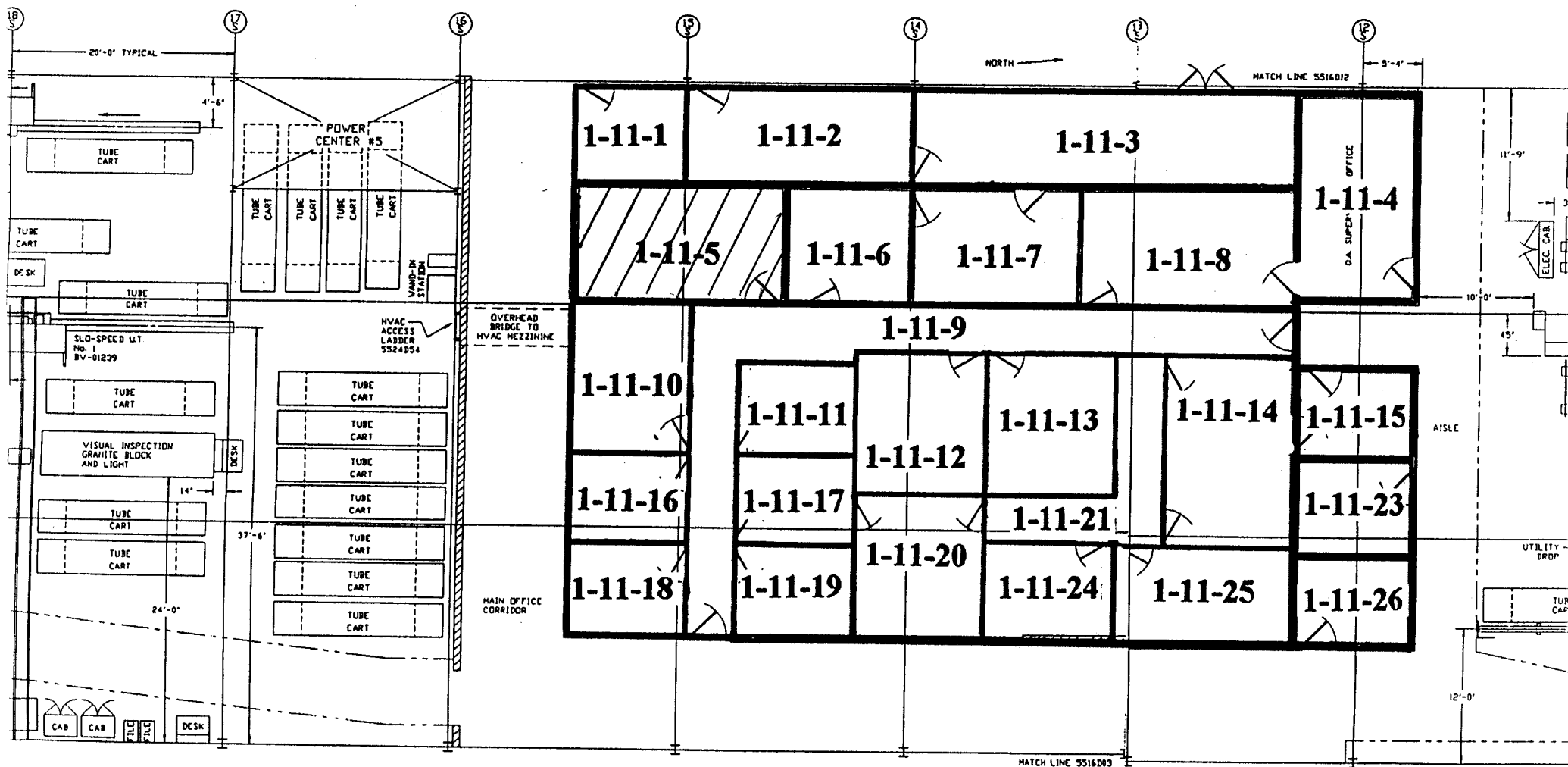
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1.5 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1.5 | -4 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-5
SN:
DATE: 3-16-95
BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-281 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 6 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

N/A JMK

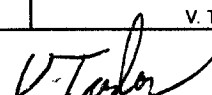
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -1 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-6

SN:

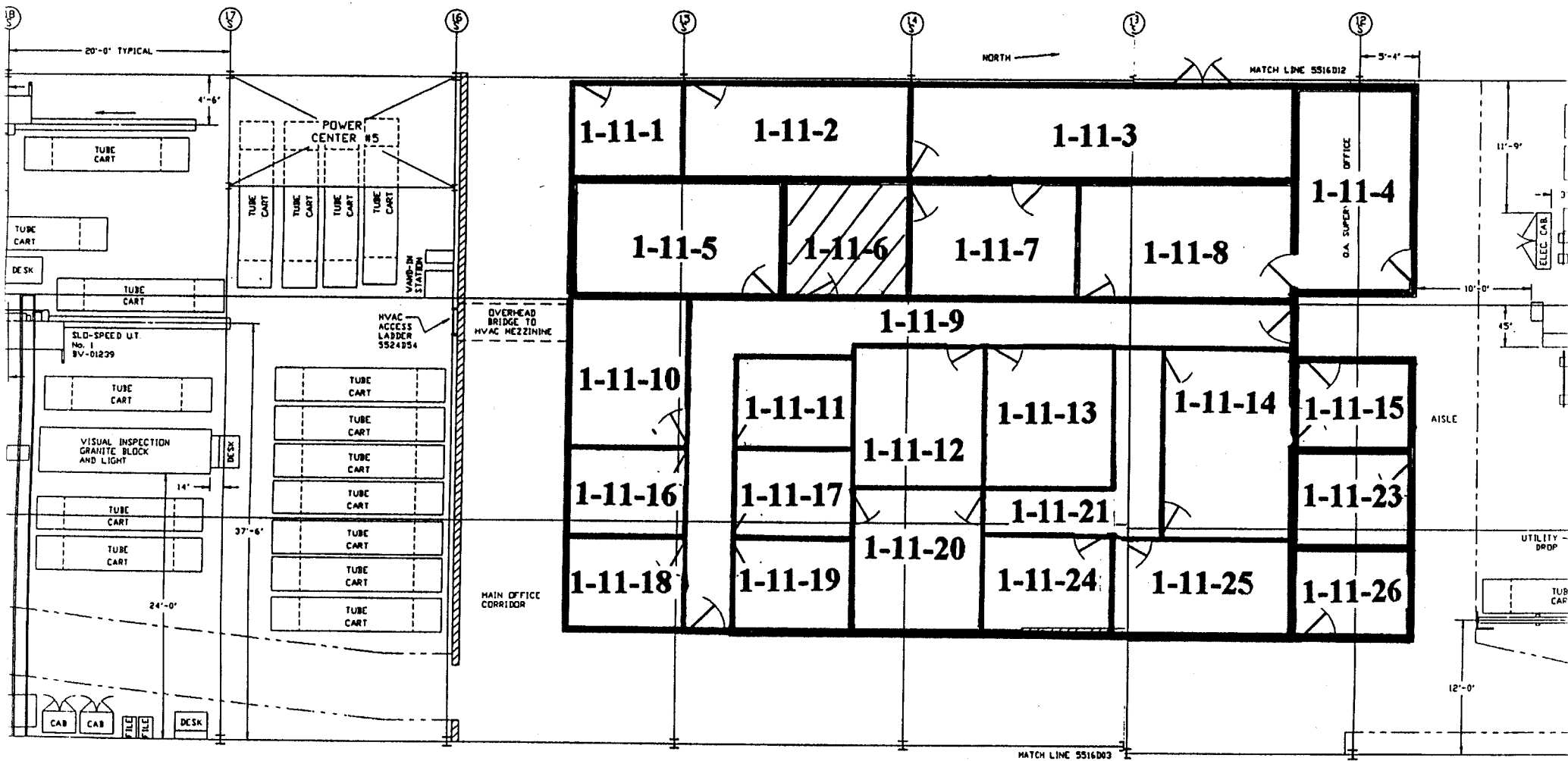
DATE: 3-16-95

By: VT

BAY 2 MAIN BUILDING

MID BAY PRODUCTION OFFICE

(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #: 01-282

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 7

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: ~~3/16/95~~
N/A JMS

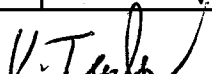
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

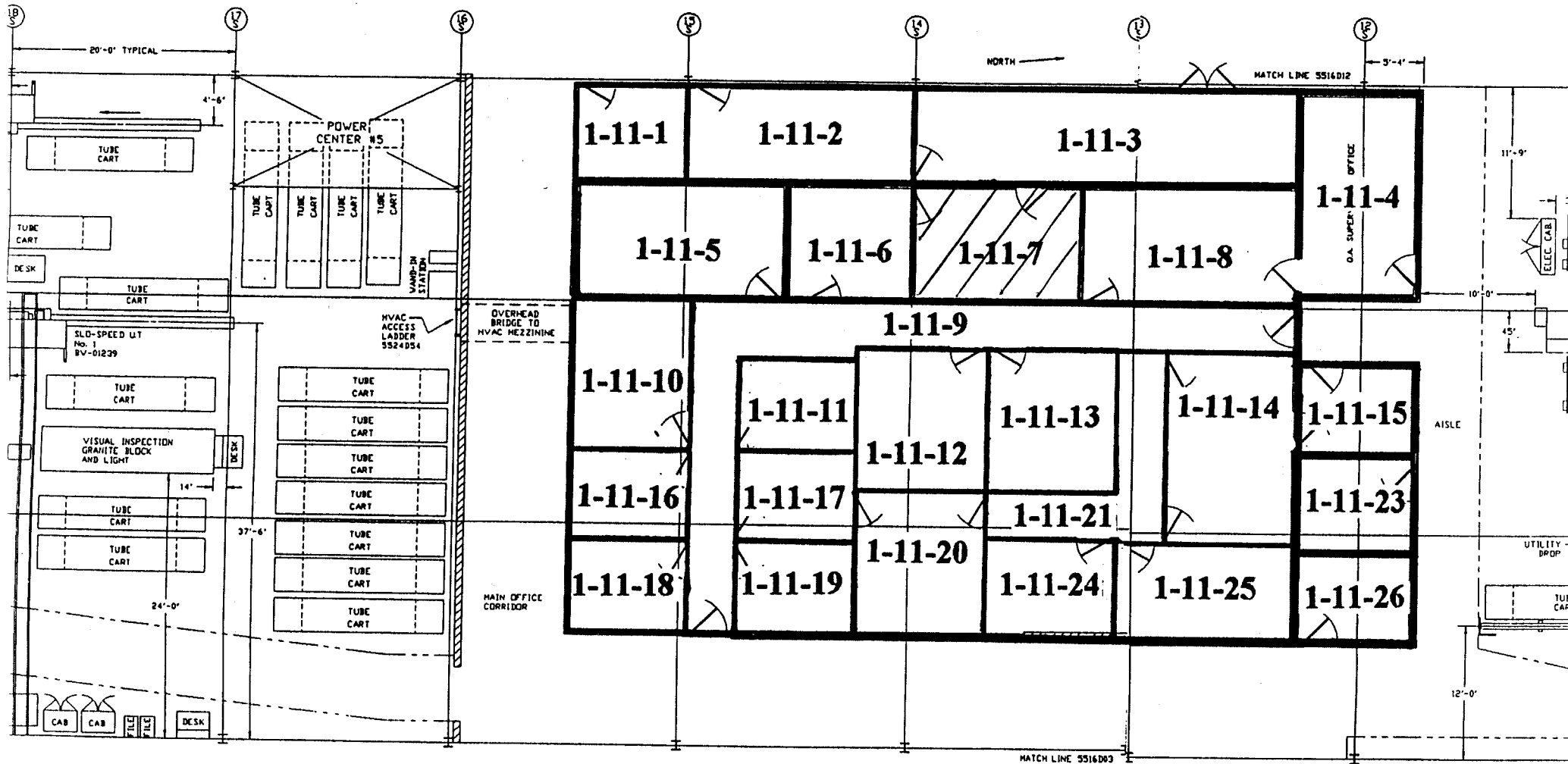
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: 

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 2 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -3 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-7
 SN:
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)



5516D08 REV 14

Blairsville Point survey Form #003

Survey Serial #: 01-283

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 8

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/16/95

N/A - JN

| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 2 | -2 | 4 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -4 | 4 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

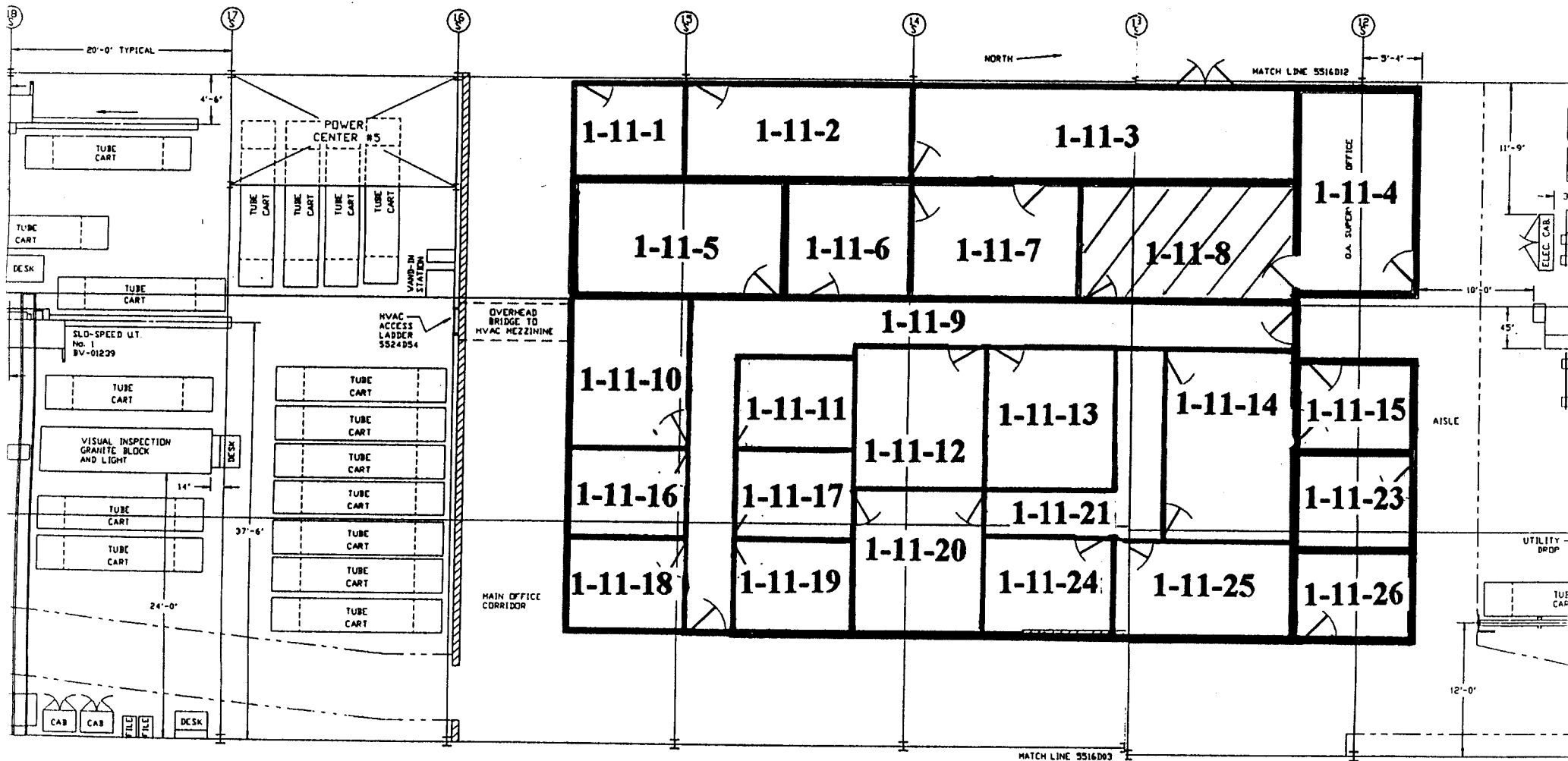
UNIT: 1-11-8

SN:

DATE: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point survey Form #003

Survey Serial #: 01-284

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 9

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/16/95

N/A JM

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: V. Taylor

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|-------|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 0.5 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 0.5 | -6 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 0.5 | -8 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 0.5 | -12 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 0.5 | -13.5 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 4.5 | -13.5 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

SN:

$$B \propto \sqrt{V}$$

20'-0" TYPICAL

4'-6"

TUBE CART

POWER CENTER #5

TUBE CART

TUBE CART

TUBE CART

TUBE CART

WASH-UP STATION

HVAC ACCESS LADDER 5524DS4

OVERHEAD BRIDGE TO HVAC MEZZININE

MAIN OFFICE CORRIDOR

1-11-1

1-11-2

1-11-3

1-11-4

1-11-5

1-11-6

1-11-7

1-11-8

1-11-9

1-11-10

1-11-11

1-11-12

1-11-13

1-11-14

1-11-15

1-11-16

1-11-17

1-11-18

1-11-19

1-11-20

1-11-21

1-11-23

1-11-24

1-11-25

1-11-26

11'-9"

10'-0"

45'

12'-0"

37'-6"

24'-0"

5'-4"

MATCH LINE 5516D12

MATCH LINE 5516D03

UTILITY DROP

ELEC CAB

DESK

SLO-SPEED LIT No. 1 BV-01239

VISUAL INSPECTION GRAVITE BLOCK AND LIGHT

TUBE CART

TUBE CART

TUBE CART

TUBE CART

TUBE CART

TUBE CART

TUBE CART

TUBE CART

TUBE CART

TUBE CART

CAB

CAB

FILE

FILE

DESK

11th FLOOR

5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #: 01-285

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 10

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/16/95

MA-JW

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 2 | -2 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 3 | -1 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

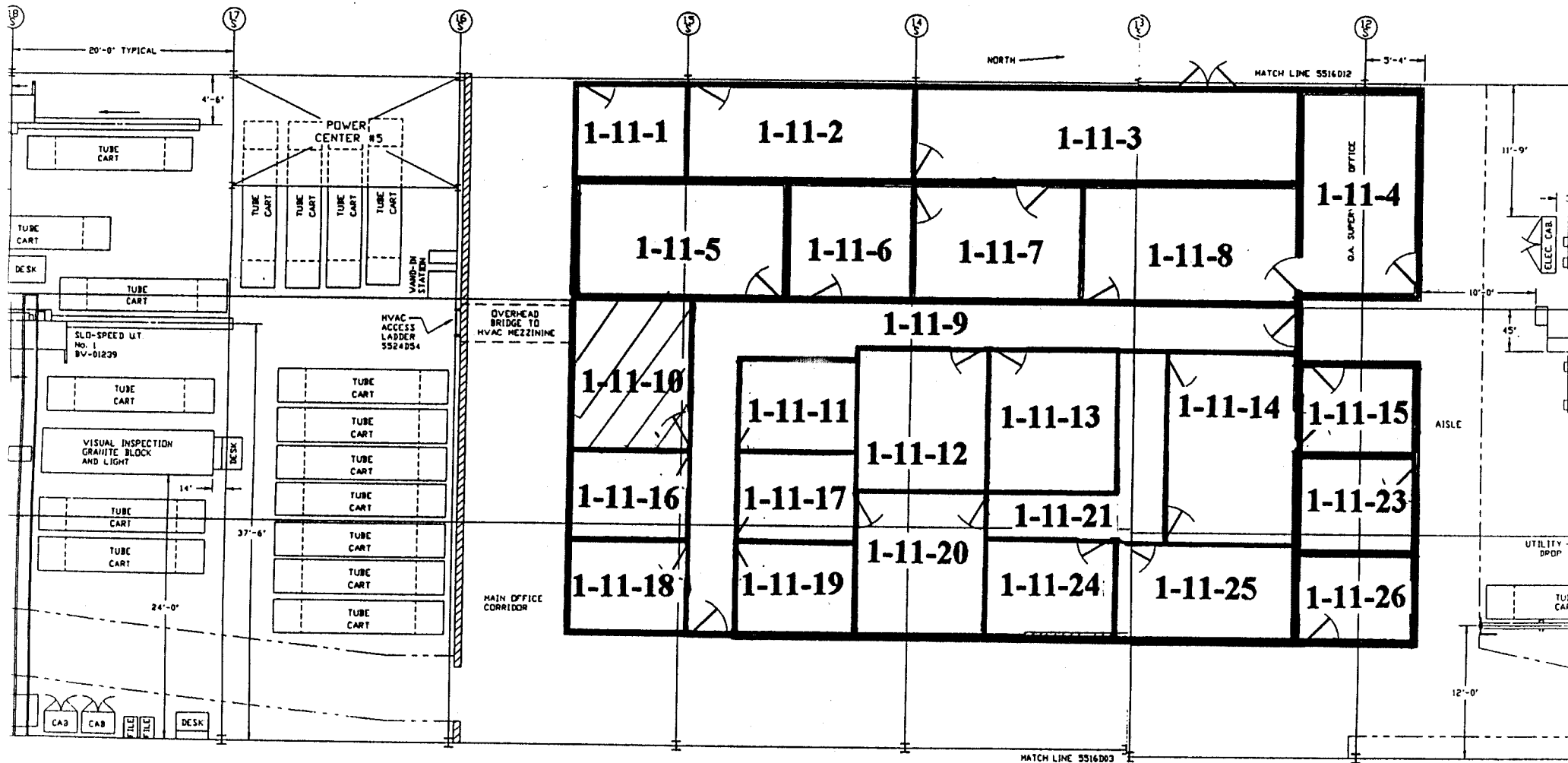
UNIT: 1-11-10

SN:

DATC: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-286 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 11 |

| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |


| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |
| | | | |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

N/A JH

| Surface Description | Coordinates | | Gamma at 1m uR/hr | Gamma Inst. Code | Beta/Gamma Contact mR/hr | Beta/Gamma Code | Contact Gross 1 min. Count Alpha | Alpha Inst. Code | Contact Gross 1 min. Count Beta | Beta Inst. Code | Scan Contact Gross CPM | | Removable DPM/100 cm2 Alpha | Alpha Count Code | Removable DPM/100 cm2 Beta | Beta Count Code | Comments | |
|---------------------|-------------|----|-------------------|------------------|--------------------------|-----------------|----------------------------------|------------------|---------------------------------|-----------------|------------------------|----------|-----------------------------|------------------|----------------------------|-----------------|----------|--|
| | X | Y | | | | | | | | | Max Beta | Avg Beta | | | | | | |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2 | | 3 | N/A | |

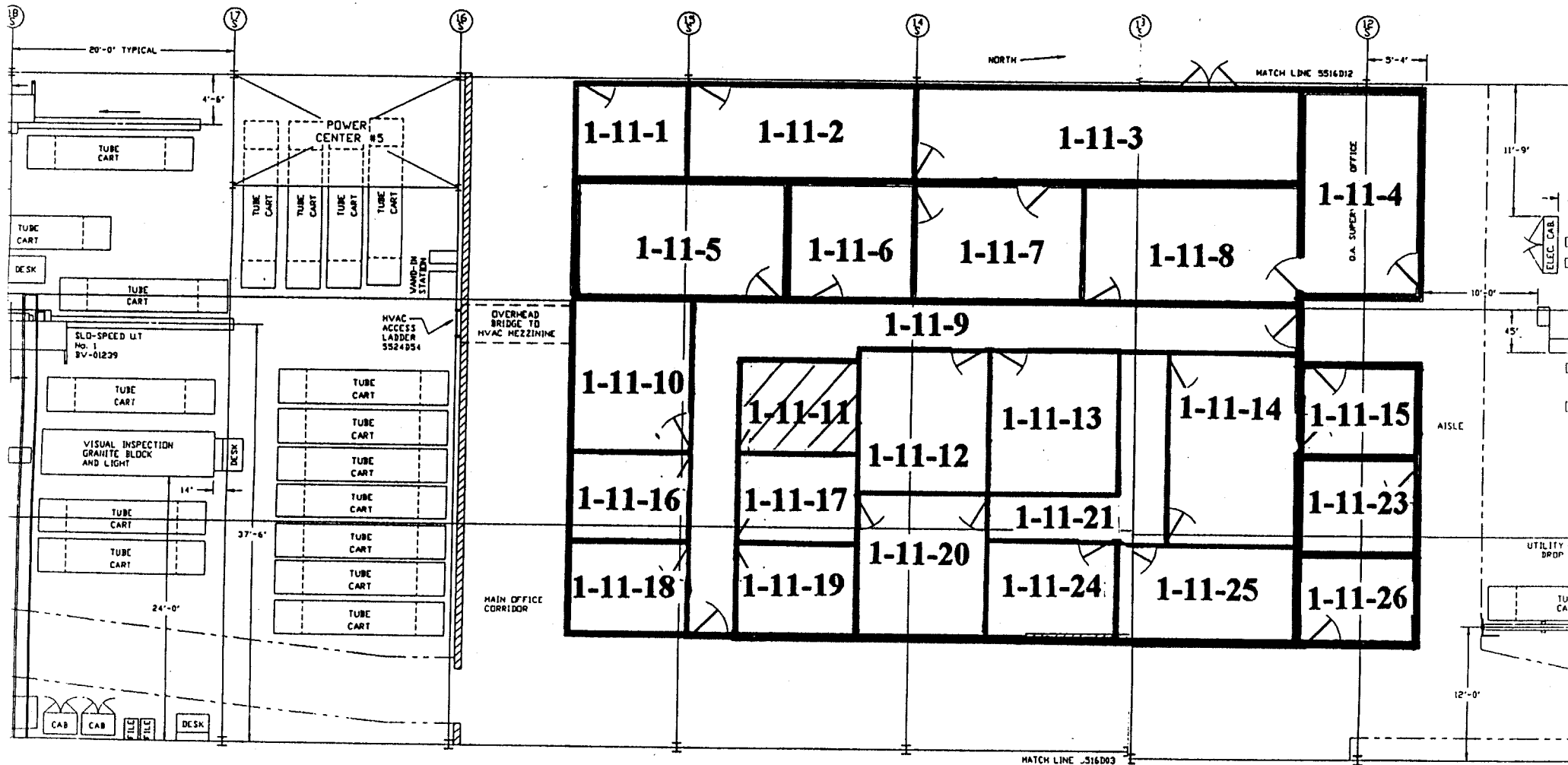
UN. 1-11-11

SN:

DATE: 3-16-95

BZ:VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #: 01-287

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 12

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: ~~3/16/95~~
N/A JTL

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

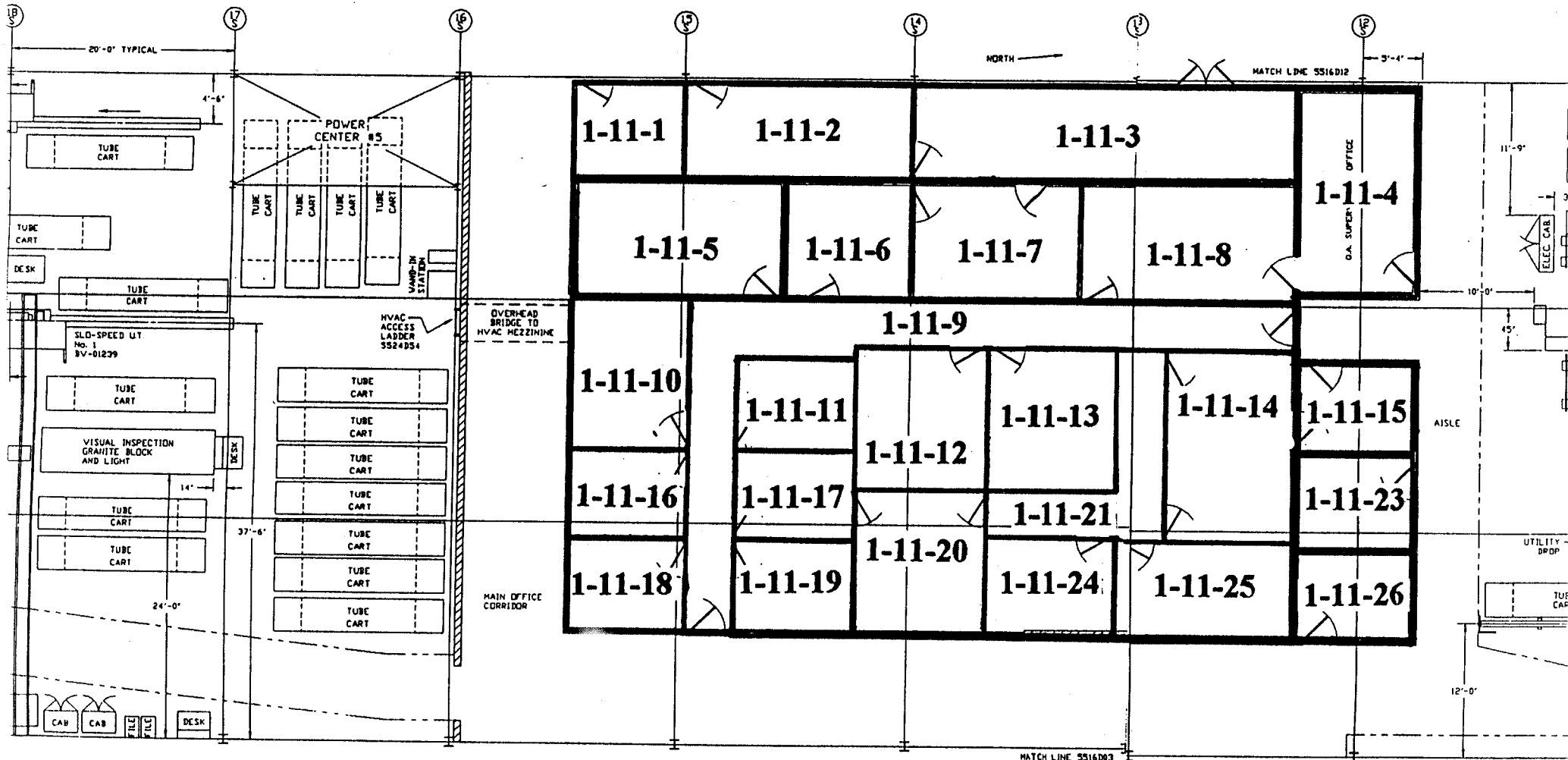
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -1 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 3 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT 1-11-12
 SNI
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)



Blairsville Point Survey Form #003

Survey Serial #: 01-288

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 13

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/16/95

| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 6 | Gamma |
| | | | |
| | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -1 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 2 | -2 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

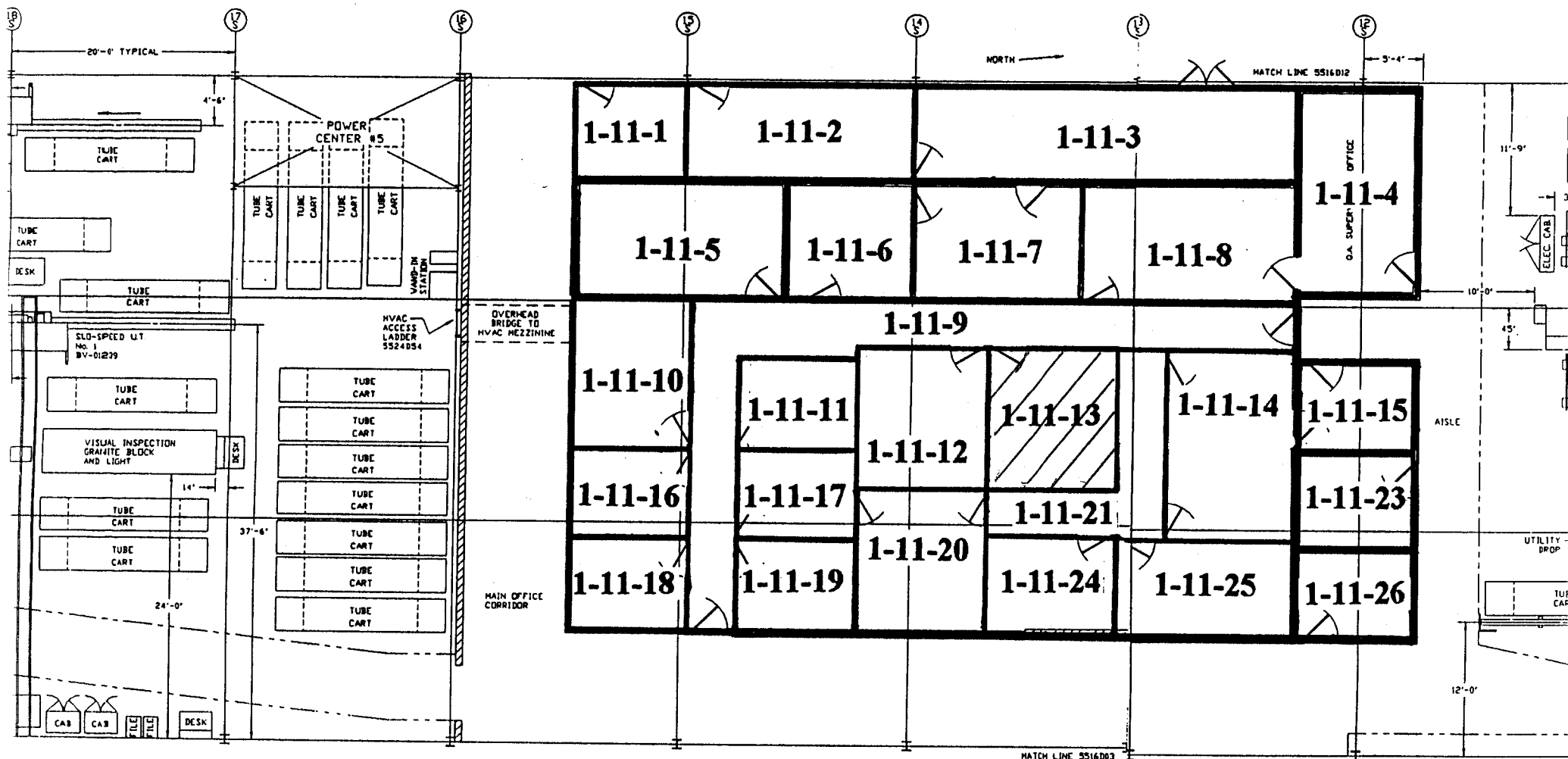
UNIT 1-11-13

SK:

DATE: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-289 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|----|
| Survey Unit: | 11 |
|--------------|----|

| | |
|------------------|----|
| Survey Sub-unit: | 14 |
|------------------|----|

| | |
|-----------------|---|
| Classification: | 4 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
|--------------|---------|

| | |
|-------------|--------------------|
| Count Date: | 3/16/95 |
|-------------|--------------------|

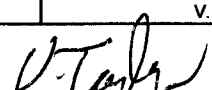
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 4 | Gamma |
| | | | |
| | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

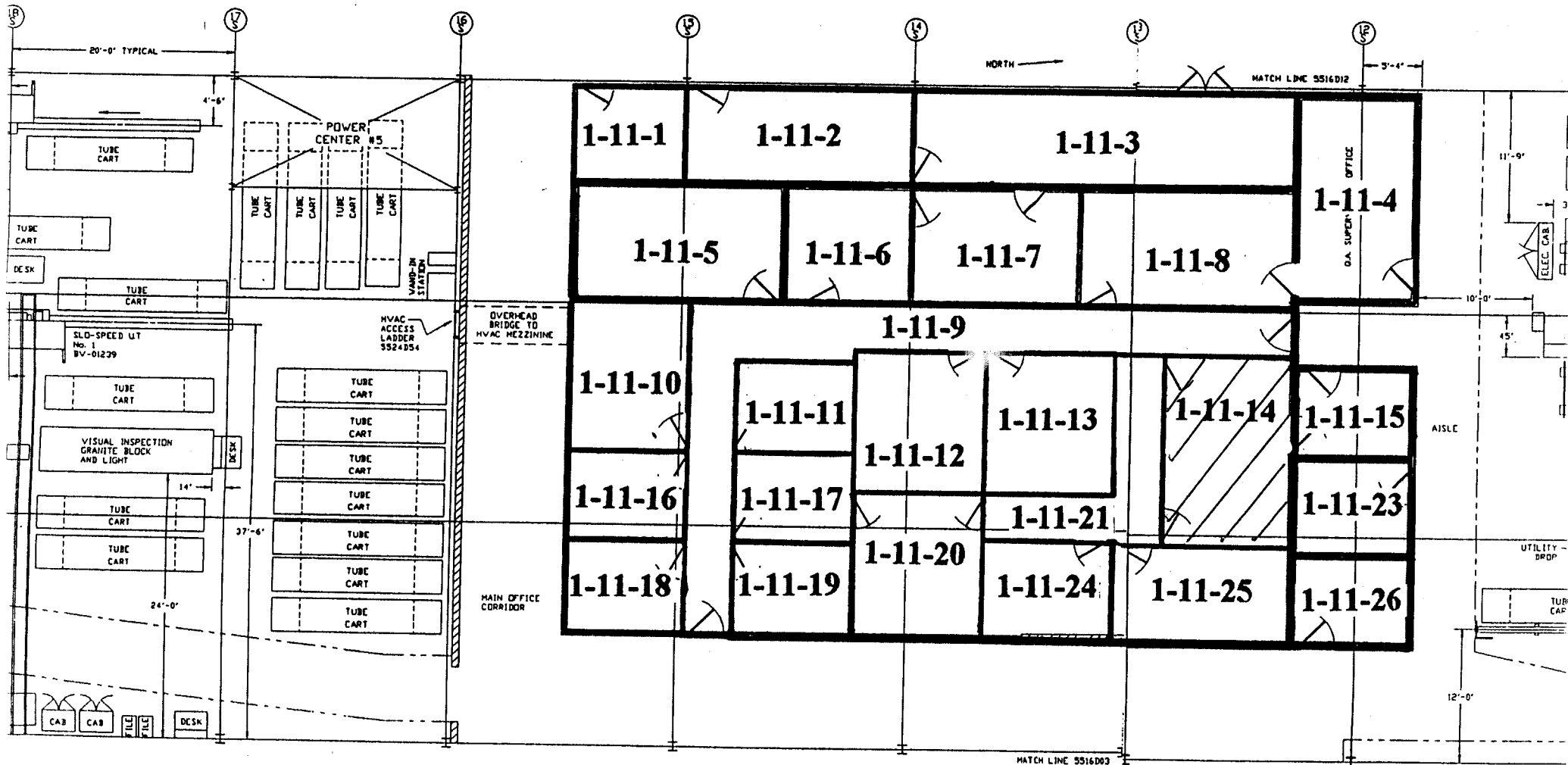
| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta/
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|----------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -1 | 4 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-14
 SN:
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)



Blairsville Point survey Form #003

Survey Serial #: 01-290

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 15

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 2/10/95

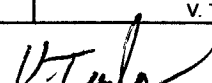
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: 

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

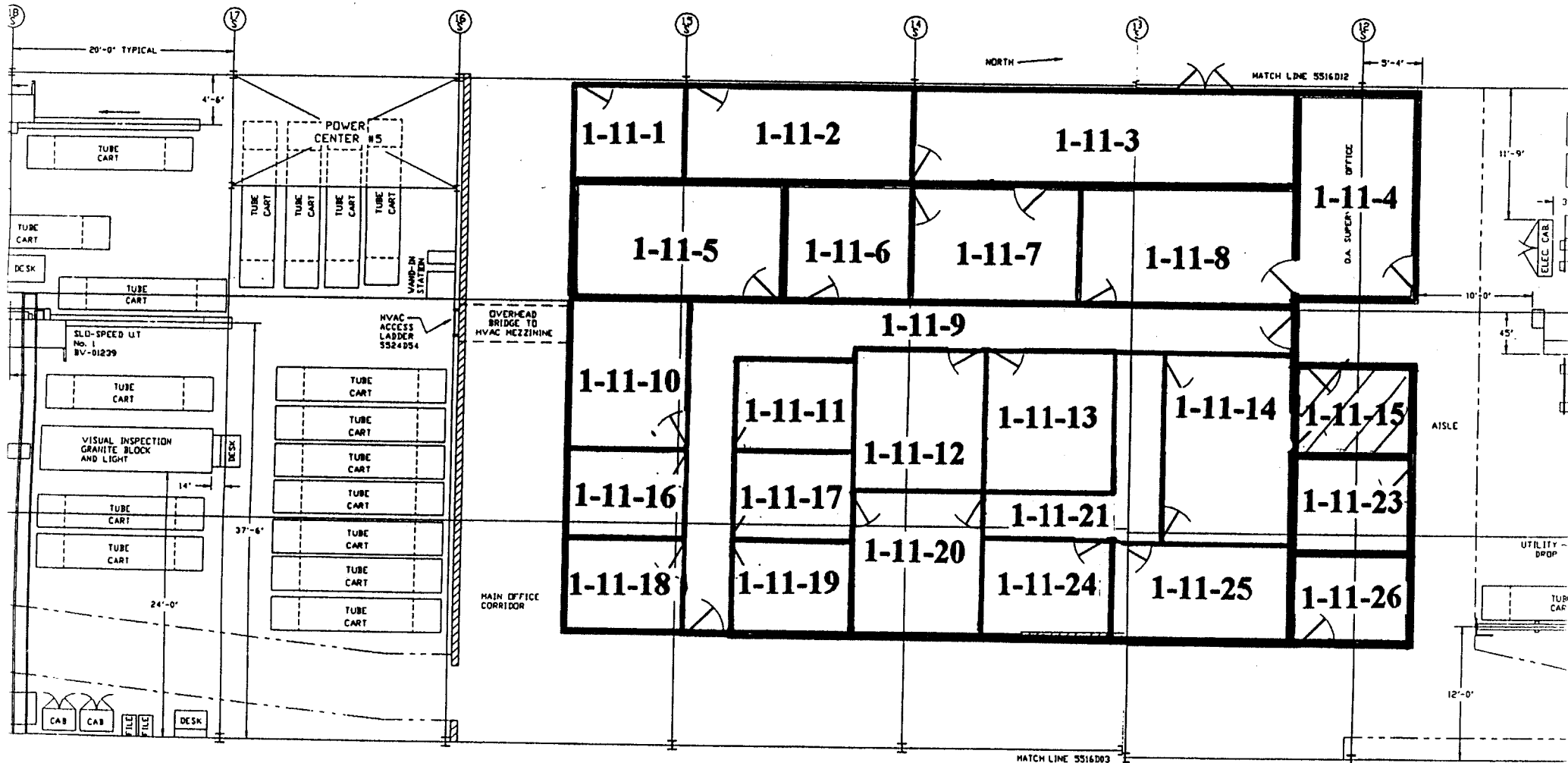
UNIT: 1-11-15

SN:

DATE: 3-16-95

BY: UT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-291 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 16 |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

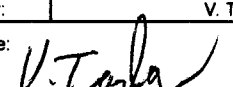
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| | | | |
| | | | |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

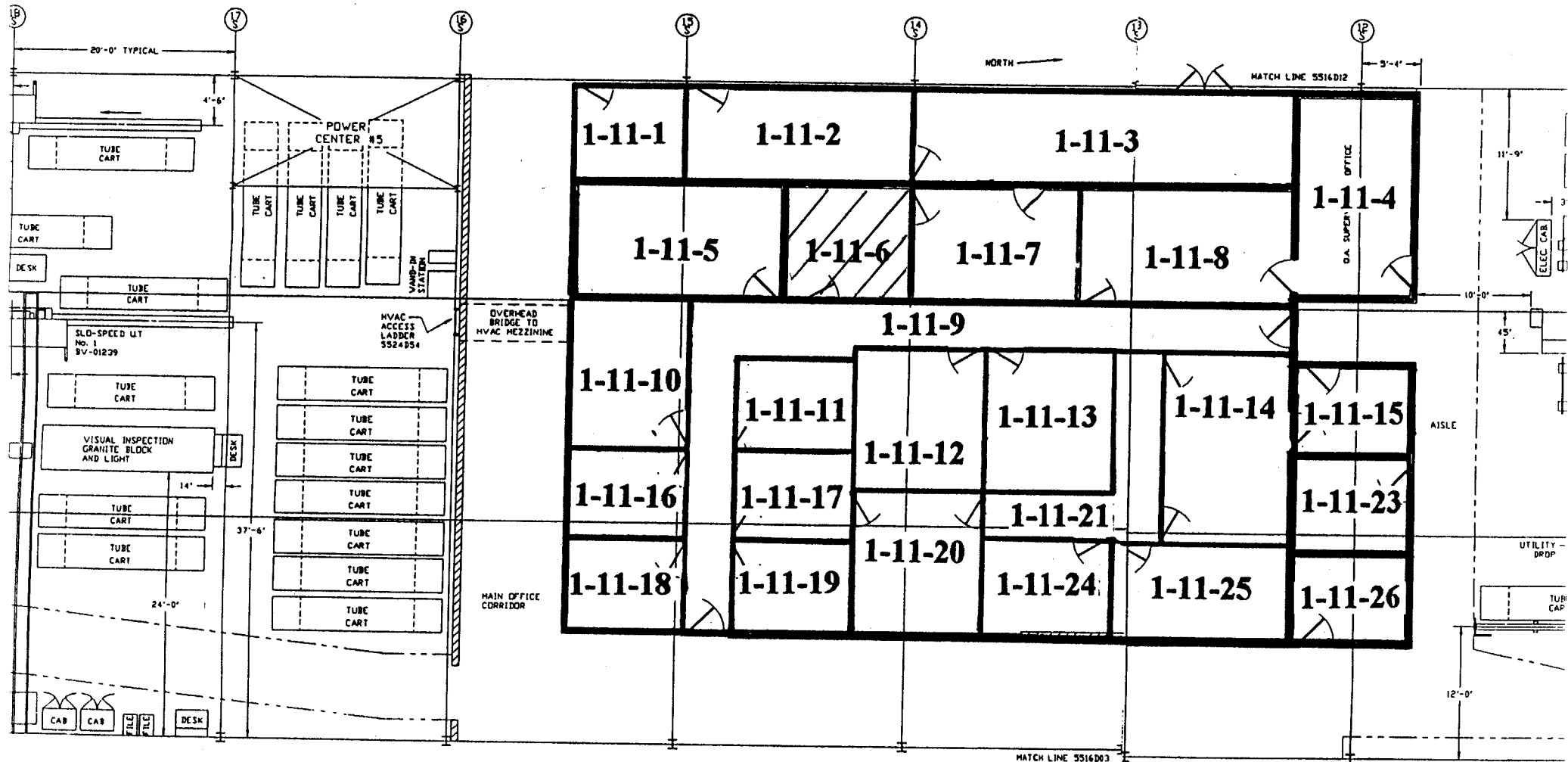
| | |
|--------------|--------------------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m
uR/hr | Gamma
Inst.
Code | Beta/Gamma
Contact
mR/hr | Beta/
Gamma
Code | Contact Gross
1 min. Count
Alpha | Alpha
Inst.
Code | Contact Gross
1 min. Count
Beta | Beta
Inst.
Code | Scan Contact
Gross CPM | | Removable
DPM/100 cm2
Alpha | Alpha
Count
Code | Removable
DPM/100 cm2
Beta | Beta
Count
Code | Comments |
|------------------------|-------------|----|-------------------------|------------------------|--------------------------------|------------------------|----------------------------------------|------------------------|---------------------------------------|-----------------------|---------------------------|----------|-----------------------------------|------------------------|----------------------------------|-----------------------|----------|
| | X | Y | | | | | | | | | Max Beta | Avg Beta | | | | | |
| TILE FLOOR | 1 | -1 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2 | | 3 | N/A | |

UNIT: 1-11-16
 SN:
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-292 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 17 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|------------------------------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95
N/A JM |

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

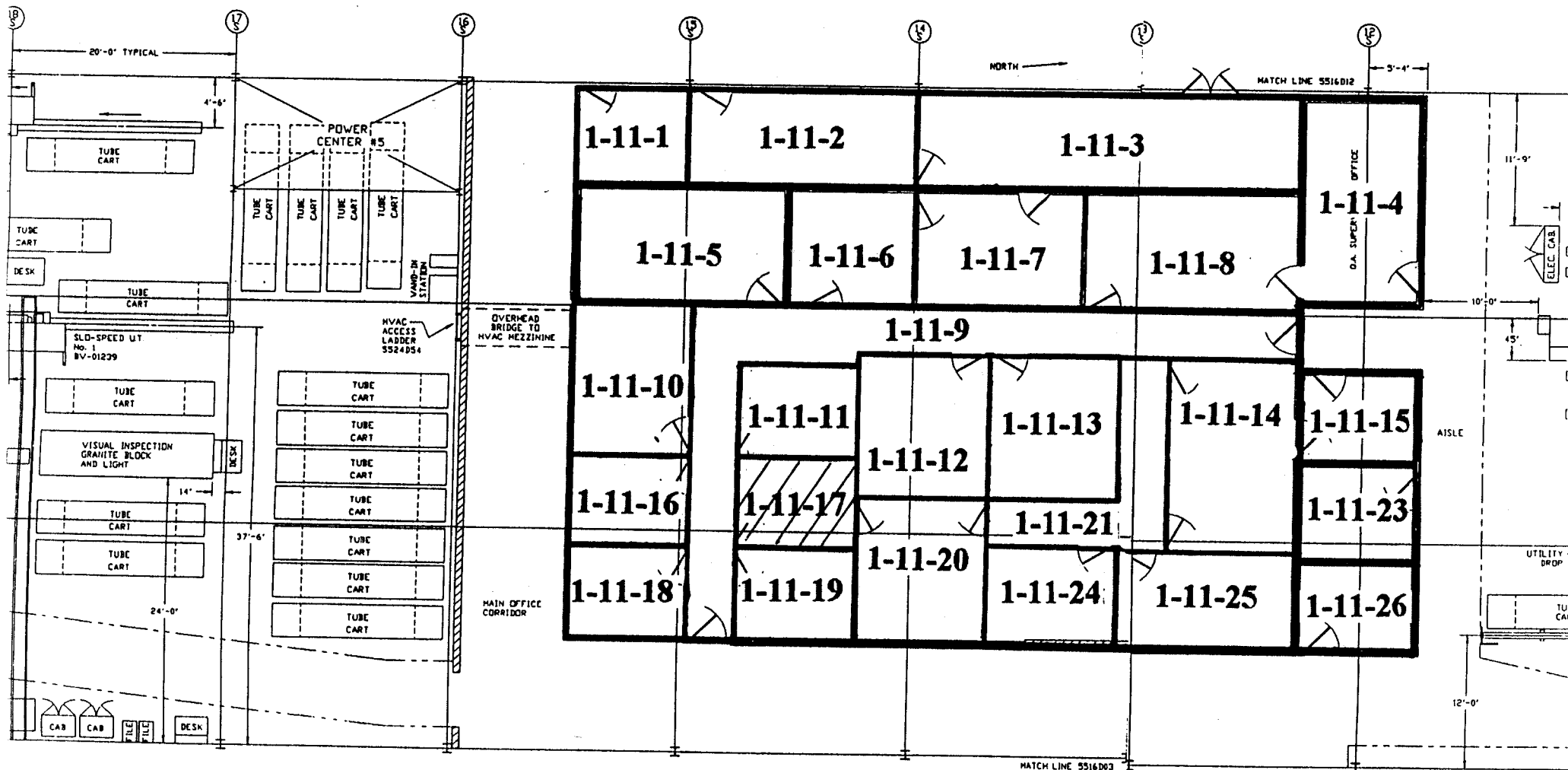
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |
| | | | |

| | |
|------------|------------------|
| Surveyor: | V. TAYLOR |
| Signature: | <i>V. Taylor</i> |

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1.5 | -1 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1.5 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-17
 SN:
 DATE: 3-16-95
 BY: DT

BAY 2 MAIN BUILDING
 MID BAY PRODUCTION OFFICE
 (UNIT 1-11)



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-293 |
|------------------|--------|

| | |
|------------------|----|
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 18 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

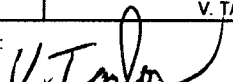
| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m
uR/hr | Gamma
Inst.
Code | Beta/Gamma
Contact
mR/hr | Beta/
Gamma
Code | Contact Gross
1 min. Count
Alpha | Alpha
Inst.
Code | Contact Gross
1 min. Count
Beta | Beta
Inst.
Code | Scan Contact
Gross CPM | | Removable
DPM/100 cm2
Alpha | Alpha
Count
Code | Removable
DPM/100 cm2
Beta | Beta/
Count
Code | Comments | |
|------------------------|-------------|----|-------------------------|------------------------|--------------------------------|------------------------|----------------------------------------|------------------------|---------------------------------------|-----------------------|---------------------------|----------|-----------------------------------|------------------------|----------------------------------|------------------------|----------|--|
| | X | Y | | | | | | | | | Max Beta | Avg Beta | | | | | | |
| TILE FLOOR | 1 | -1 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A | |

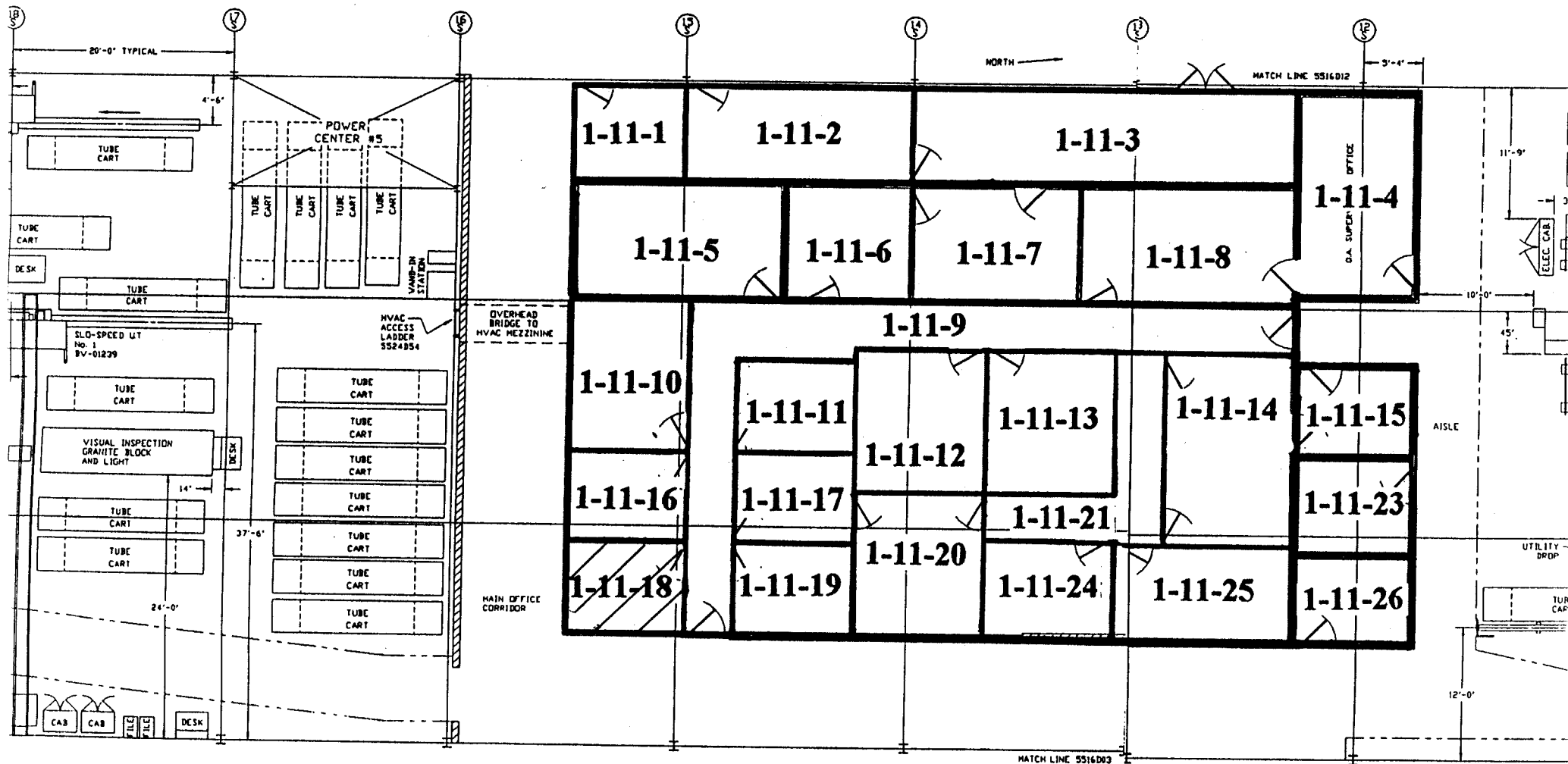
UNIT: 1-11-18

SN:

DATE: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-294 |
|------------------|--------|

| | |
|------------------|----|
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 19 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|--------------------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

N/A JMS

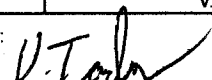
| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

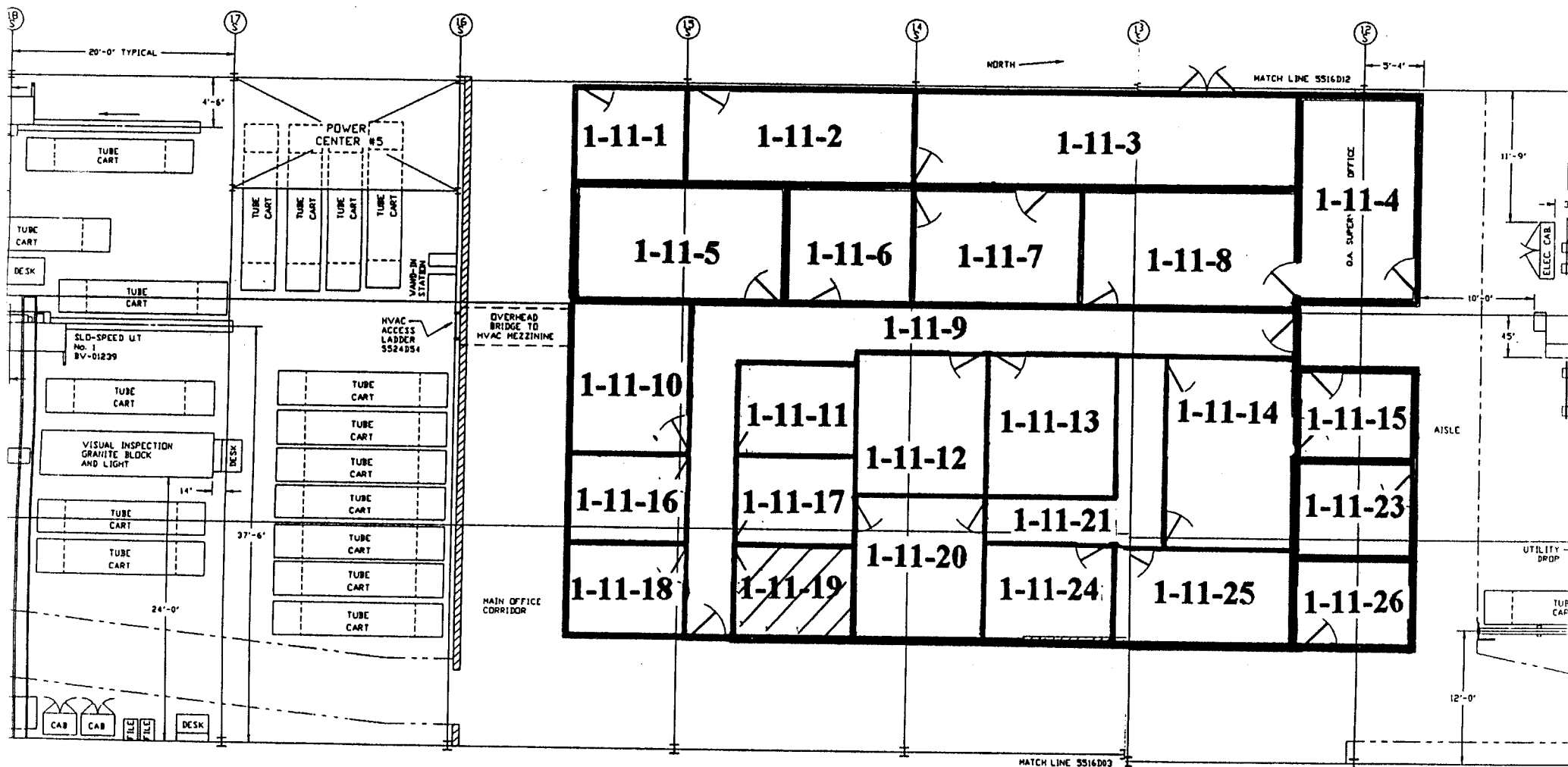
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| | | | | | | | | | | | | | | | | | |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

1-11-19
 SIN:
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)



Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-295 |
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 20 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

N/A JMS


| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface Description | Coordinates | | Gamma at 1m
uR/hr | Gamma Inst.
Code | Beta/Gamma Contact
mR/hr | Beta/Gamma Code | Contact Gross 1 min. Count
Alpha | Alpha Inst. Code | Contact Gross 1 min. Count
Beta | Beta Inst. Code | Scan Contact Gross CPM | | Removable DPM/100 cm2
Alpha | Alpha Count Code | Removable DPM/100 cm2
Beta | Beta Count Code | Comments | |
|---------------------|-------------|------|----------------------|---------------------|-----------------------------|-----------------|-------------------------------------|------------------|------------------------------------|-----------------|------------------------|----------|--------------------------------|------------------|-------------------------------|-----------------|----------|--|
| | X | Y | | | | | | | | | Max Beta | Avg Beta | | | | | | |
| TILE FLOOR | 2 | -1.5 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2 | | 3 | N/A | |

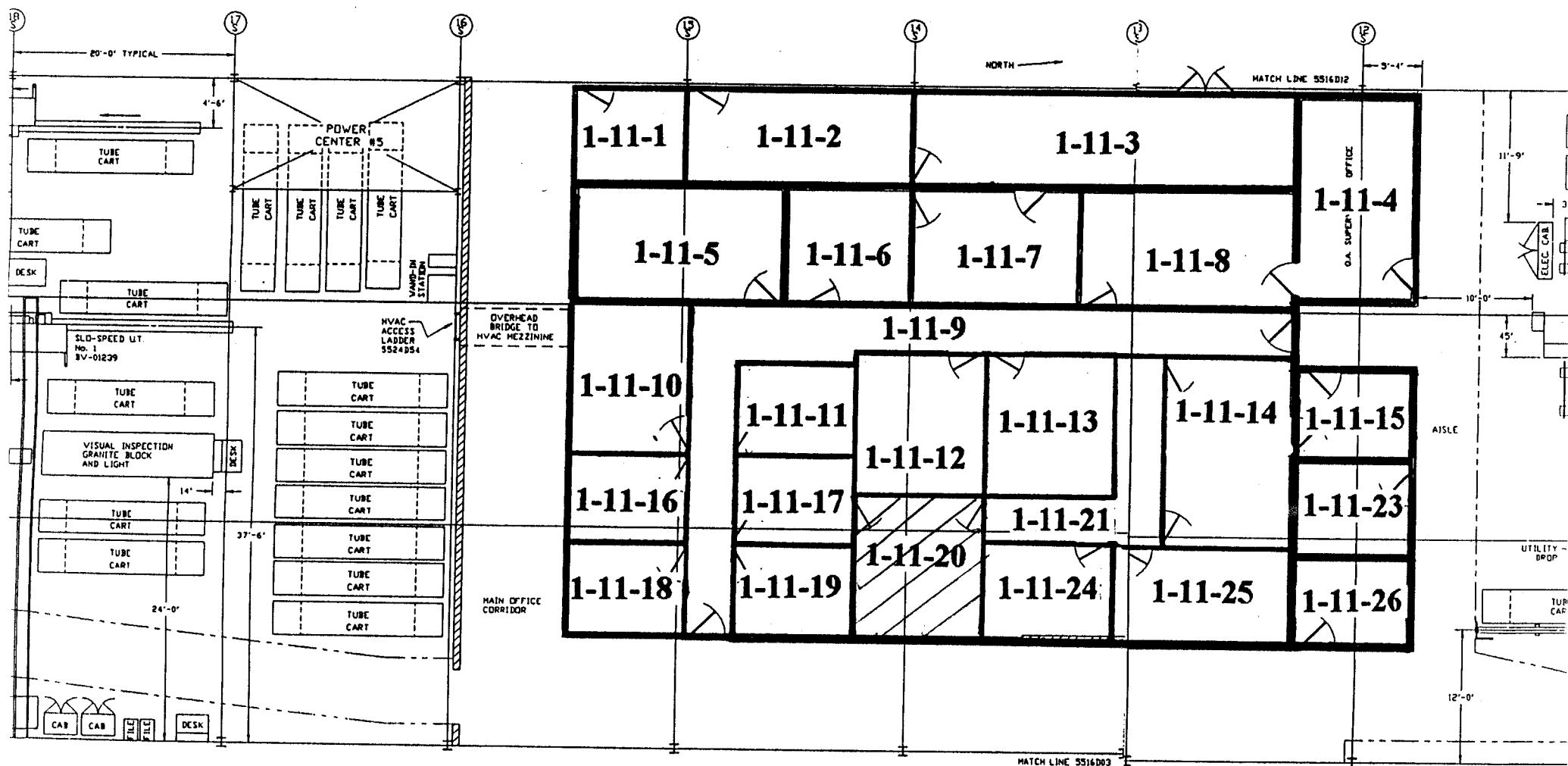
UNIT 1-11-20

SN:

DATE: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #: 01-296

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 21

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/18/95

MA JMS

| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|------|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 2 | -0.5 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 4.5 | -0.5 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 4.5 | -3 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

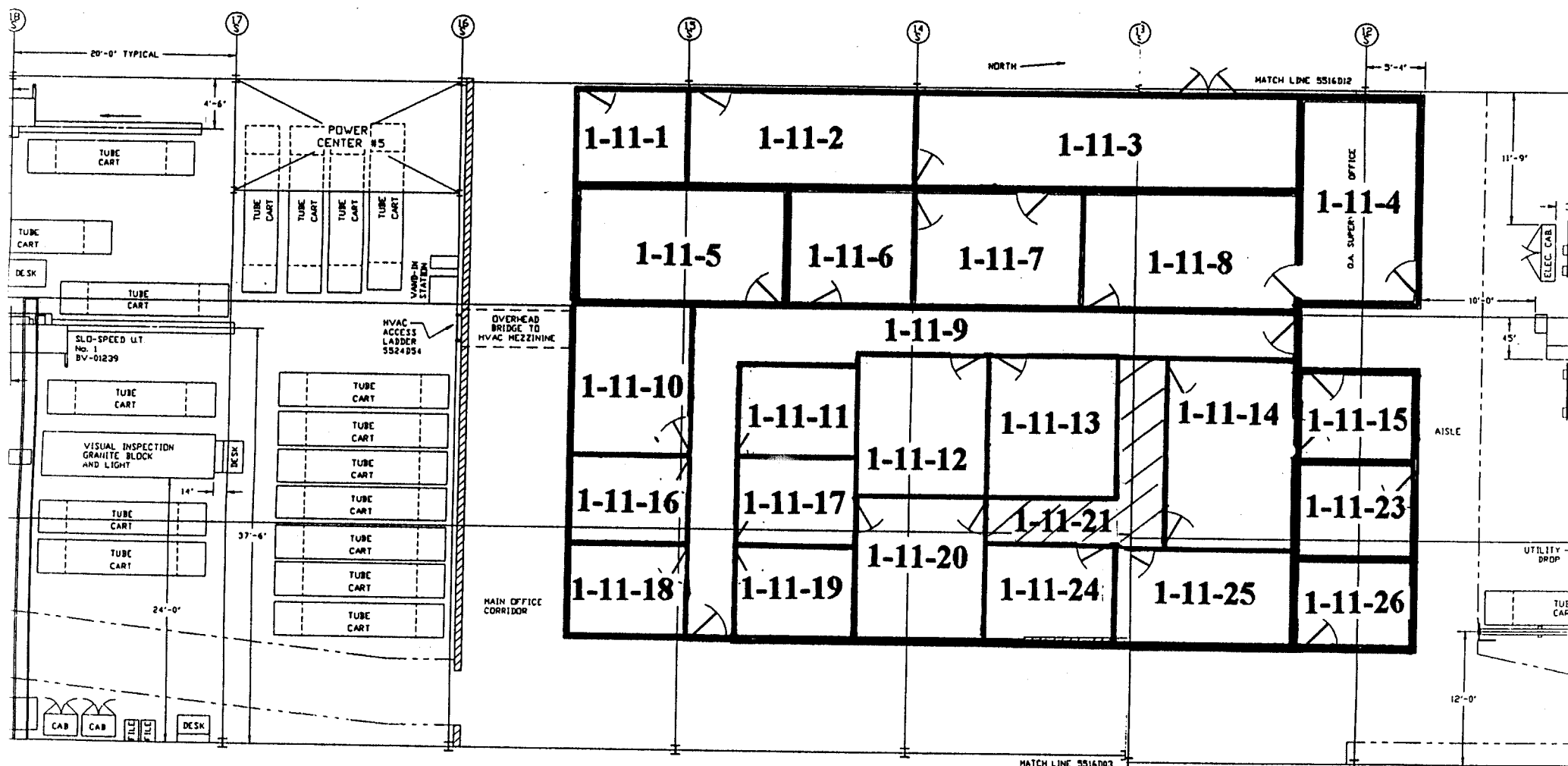
UNIT: 1-11-21

SN:

DATE: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point survey Form #003

Survey Serial #: 01-297

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 23

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/16/95

M/A - JM


| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: 

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -1 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

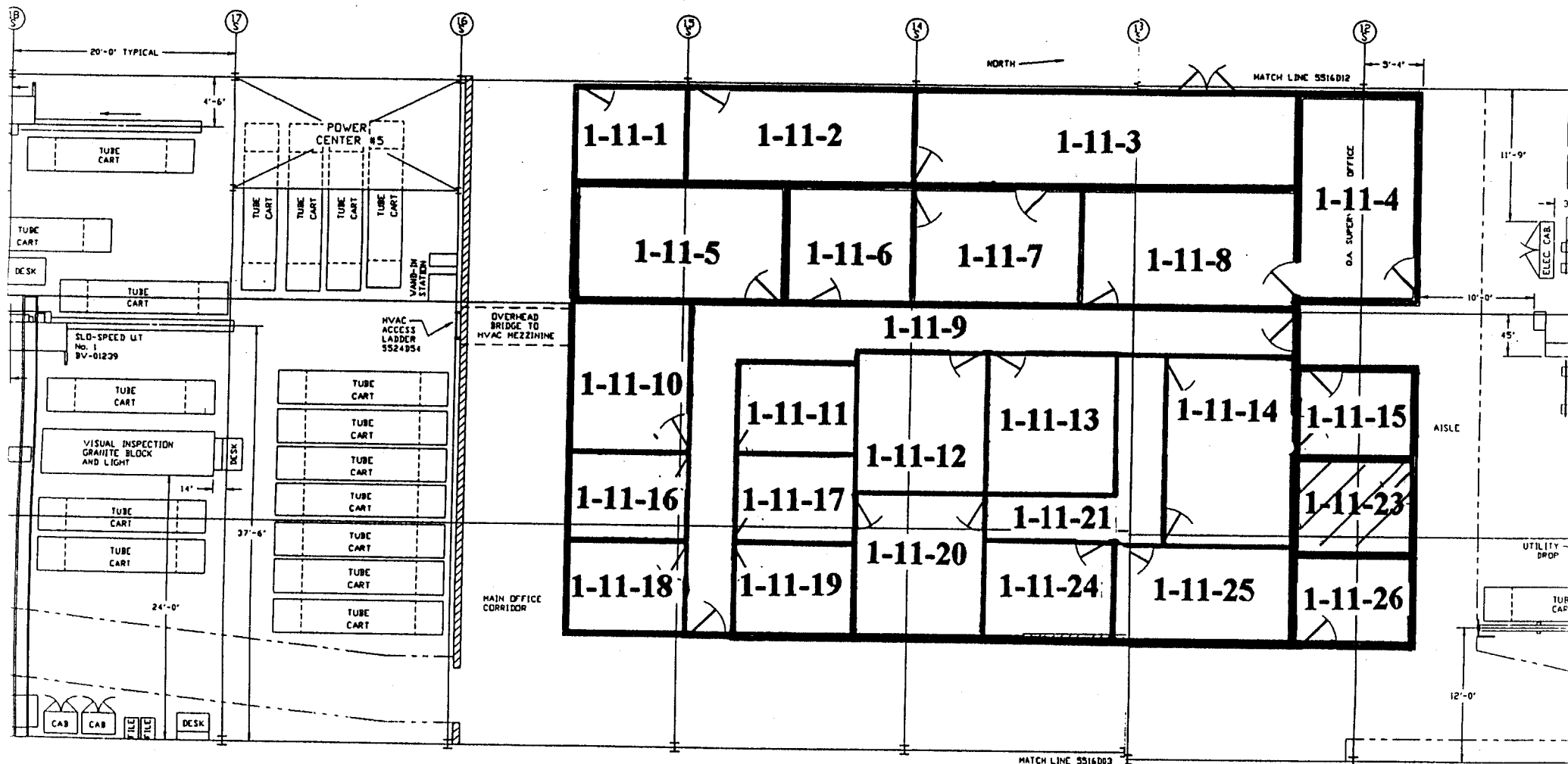
UNIT: 1-11-23

S/N:

DATE: 3-16-95

BY: VT

BAY 2 MAIN BUILDING
MID BAY PRODUCTION OFFICE
(UNIT 1-11)



5516D08 REV 14

Blairsville Point Survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-298 |
|------------------|--------|

| | |
|------------------|----|
| Survey Section: | 1 |
| Survey Unit: | 11 |
| Survey Sub-unit: | 24 |

| | |
|-----------------|-------|
| Classification: | 4 |
| Survey Type: | LOWER |

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
| Count Date: | 3/16/95 |

N/A JU


| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

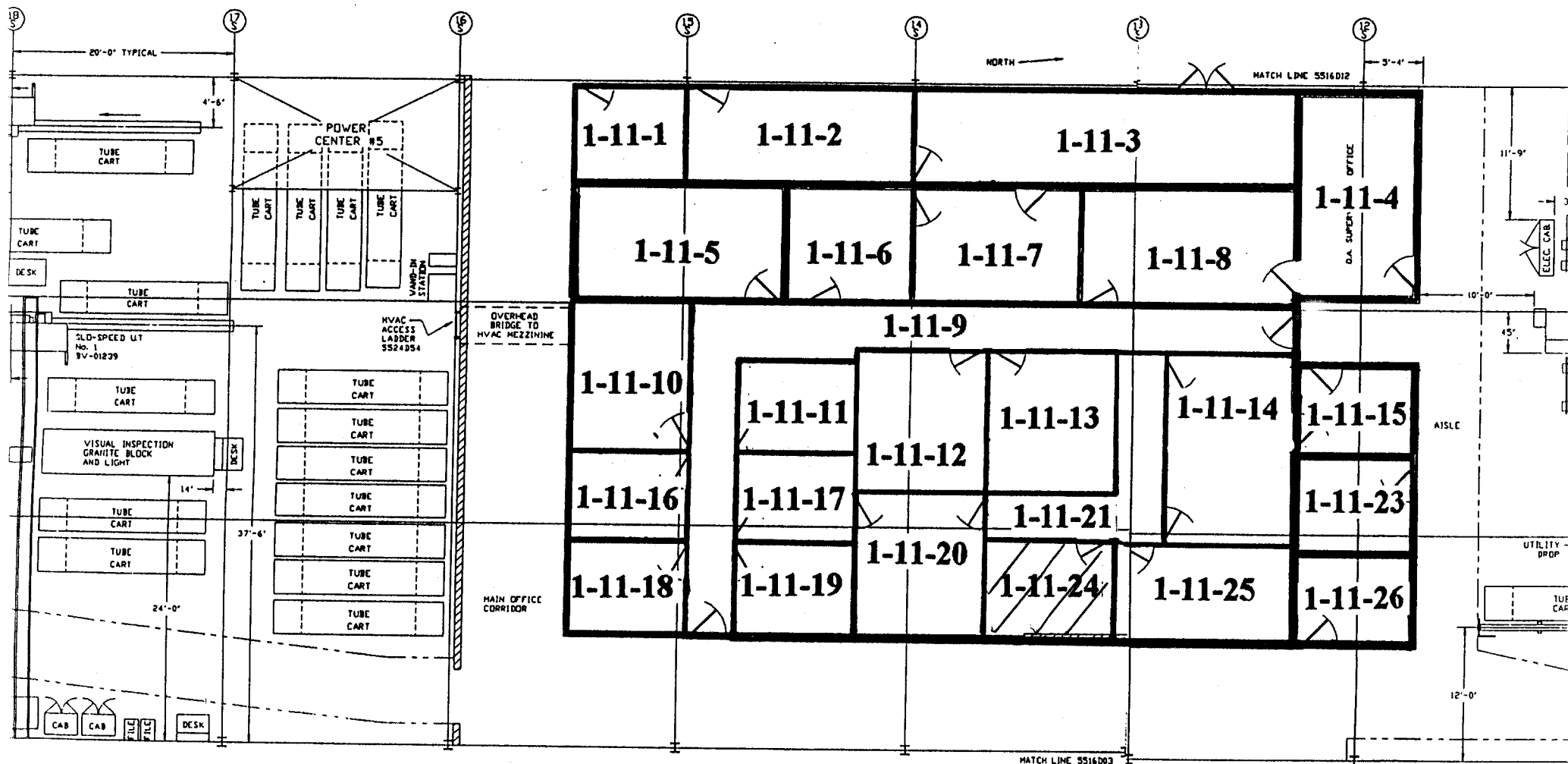
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -1 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UN: 1-11-24
 SN: 06298
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)



Blairsville Point survey Form #003

Survey Serial #: 01-299

Survey Section: 1

Survey Unit: 11

Survey Sub-unit: 25

Classification: 4

Survey Type: LOWER

Survey Date: 3/16/95

Count Date: 3/16/95

N/A Jill

| Alpha Survey Instruments | | | | |
|--------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|------------|--------|------------|----------|
| Inst. S/N | Inst. Code | Eff. % | Corr. Fac. | Bkg. CPM |
| | | | | |
| | | | | |

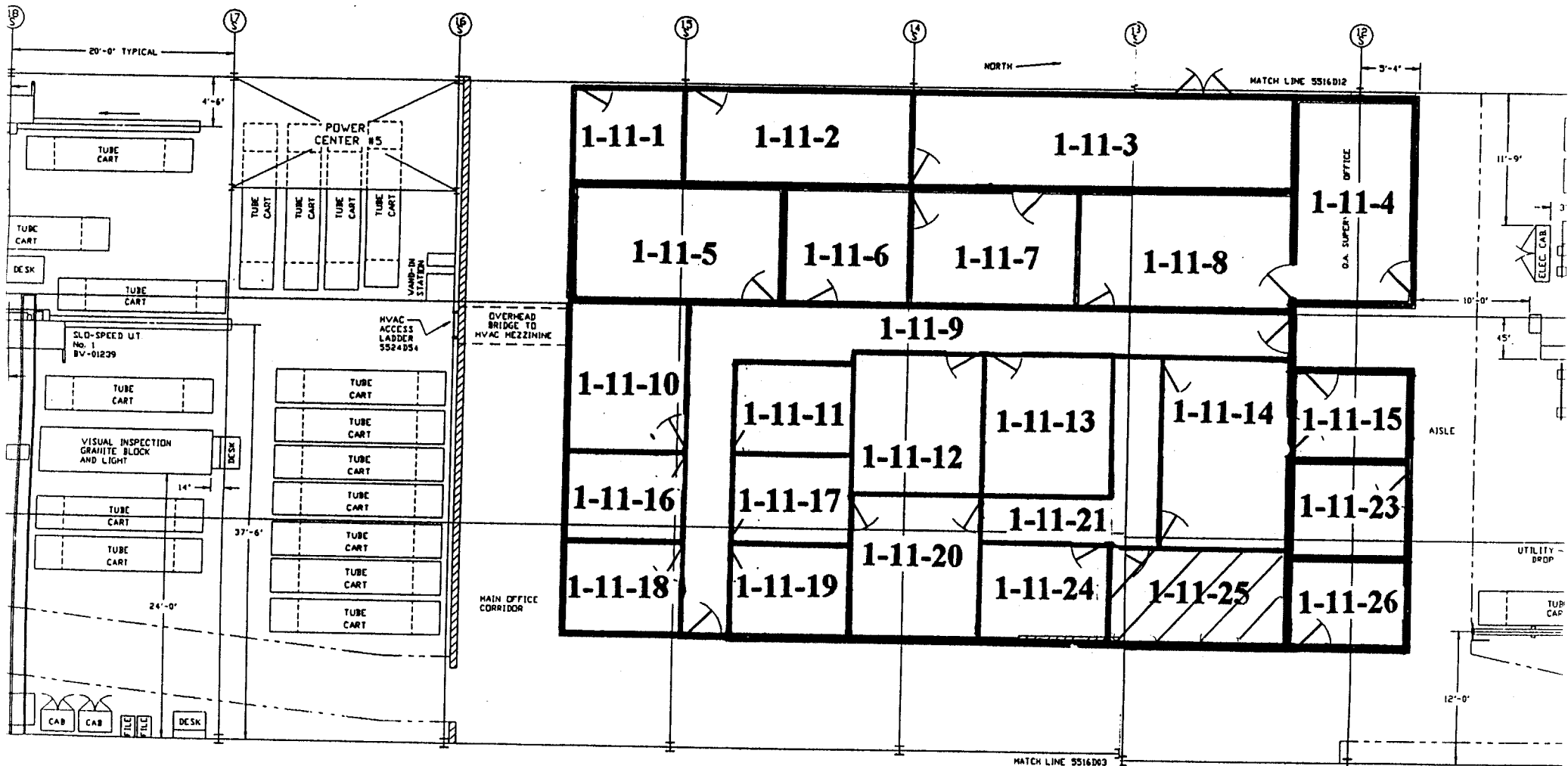
| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|------------|------|----------------|
| Inst. S/N | Inst. Code | Bkg. | Detection Type |
| 234 | 23 | 5 | Gamma |
| | | | |
| | | | |

Surveyor: V. TAYLOR
Signature: *V. Taylor*

| Surface Description | Coordinates | | Gamma at 1m | Gamma Inst. | Beta/Gamma Contact | Beta/Gamma Code | Contact Gross 1 min. Count | Alpha Inst. | Contact Gross 1 min. Count | Beta Inst. | Scan Contact Gross CPM | | Removable DPM/100 cm2 | Alpha Count | Removable DPM/100 cm2 | Beta Count | Comments |
|---------------------|-------------|----|-------------|-------------|--------------------|-----------------|----------------------------|-------------|----------------------------|------------|------------------------|----------|-----------------------|-------------|-----------------------|------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1 | -2 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |
| TILE FLOOR | 1 | -4 | 5 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

UNIT: 1-11-25
 SN: 01299
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING
 MID BAY PRODUCTION OFFICE
 (UNIT 1-11)



Blairsville Point survey Form #003

| | |
|------------------|--------|
| Survey Serial #: | 01-300 |
|------------------|--------|

| | |
|-----------------|---|
| Survey Section: | 1 |
|-----------------|---|

| | |
|--------------|----|
| Survey Unit: | 11 |
|--------------|----|

| | |
|------------------|----|
| Survey Sub-unit: | 26 |
|------------------|----|

| | |
|-----------------|---|
| Classification: | 4 |
|-----------------|---|

| | |
|--------------|-------|
| Survey Type: | LOWER |
|--------------|-------|

| | |
|--------------|---------|
| Survey Date: | 3/16/95 |
|--------------|---------|

| | |
|-------------|---------|
| Count Date: | 3/16/95 |
|-------------|---------|


| Alpha Survey Instruments | | | | |
|--------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Survey Instruments | | | | |
|-------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Alpha Counting Instruments | | | | |
|----------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Beta Counting Instruments | | | | |
|---------------------------|-------|--------|-------|------|
| Inst. | Inst. | | Corr. | Bkg. |
| S/N | Code | Eff. % | Fac. | CPM |
| | | | | |
| | | | | |

| Gamma or Beta/Gamma Instruments | | | |
|---------------------------------|-------|------|-----------|
| Inst. | Inst. | | Detection |
| S/N | Code | Bkg. | Type |
| 234 | 23 | 6 | Gamma |
| | | | |
| | | | |

| | |
|------------|-------------------------------------------------------------------------------------|
| Surveyor: | V. TAYLOR |
| Signature: |  |

| Surface
Description | Coordinates | | Gamma
at 1m | Gamma
Inst. | Beta/Gamma
Contact | Beta/
Gamma | Contact Gross
1 min. Count | Alpha
Inst. | Contact Gross
1 min. Count | Beta
Inst. | Scan Contact
Gross CPM | | Removable
DPM/100 cm2 | Alpha
Count | Removable
DPM/100 cm2 | Beta
Count | Comments |
|------------------------|-------------|----|----------------|----------------|-----------------------|----------------|-------------------------------|----------------|-------------------------------|---------------|---------------------------|----------|--------------------------|----------------|--------------------------|---------------|----------|
| | X | Y | uR/hr | Code | mR/hr | Code | Alpha | Code | Beta | Code | Max Beta | Avg Beta | Alpha | Code | Beta | Code | |
| TILE FLOOR | 1.5 | -2 | 6 | 23 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 2 | | 3 | N/A |

LOT: 1-1126
 SN: 01-296
 DATE: 3-16-95
 BY: VT

BAY 2 MAIN BUILDING MID BAY PRODUCTION OFFICE (UNIT 1-11)

