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

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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

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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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

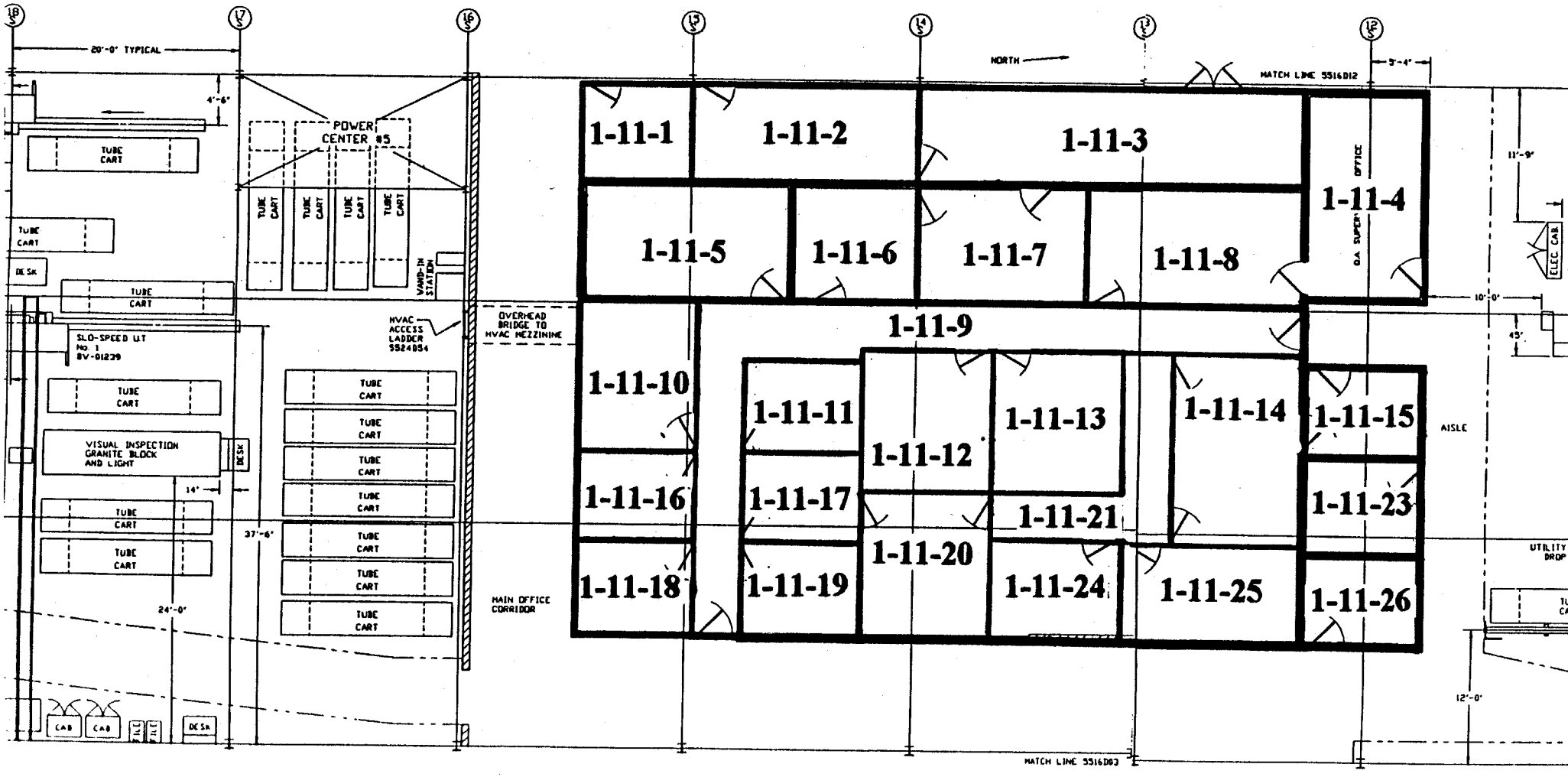
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

UNIT: 1-11-3
SN: 01-201
DATE: 2-8-95
BY: QT

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



5516D08 REV 14

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

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

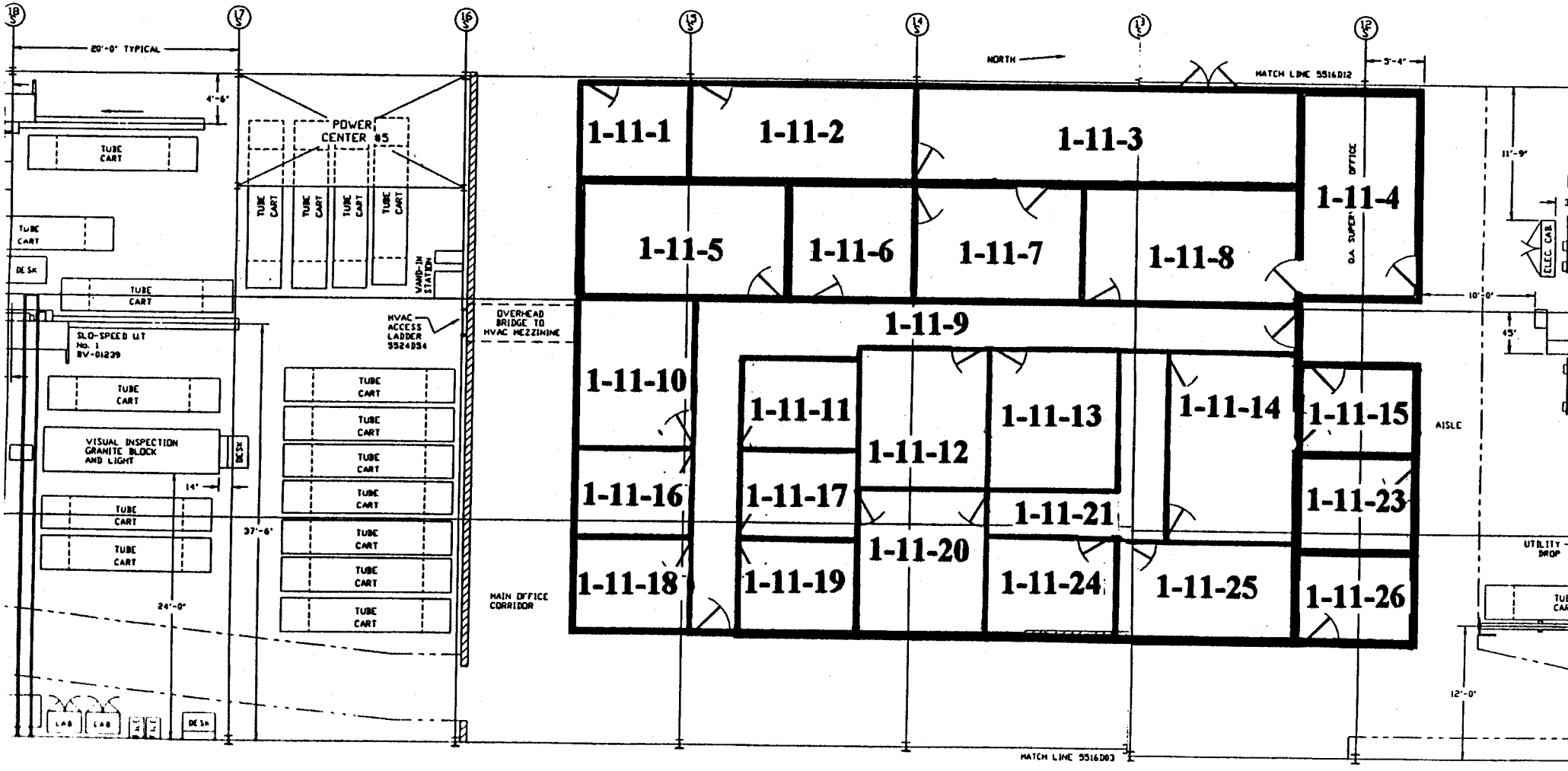
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
25	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	3/27/95 14:11
27	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	3/27/95 14:16

UNIT: 1-11-4
SN: 01-202
DATE: 2-8-95
BY: QA

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



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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

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

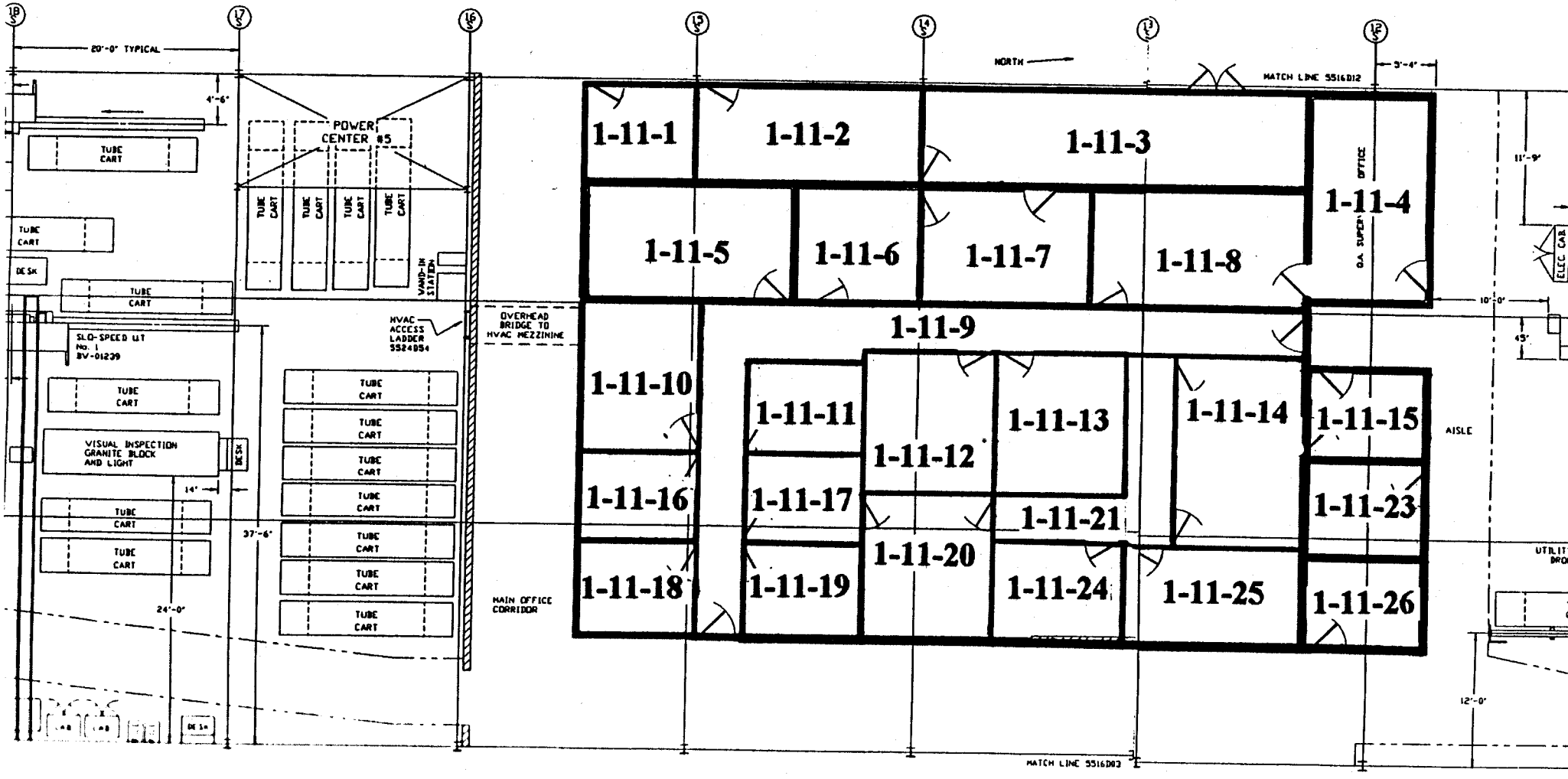
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-7

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

UNIT: 1-11-7
SN: 01-203
DATE: 2-8-95
BY: QUT

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



5516D08 REV 14

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. 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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

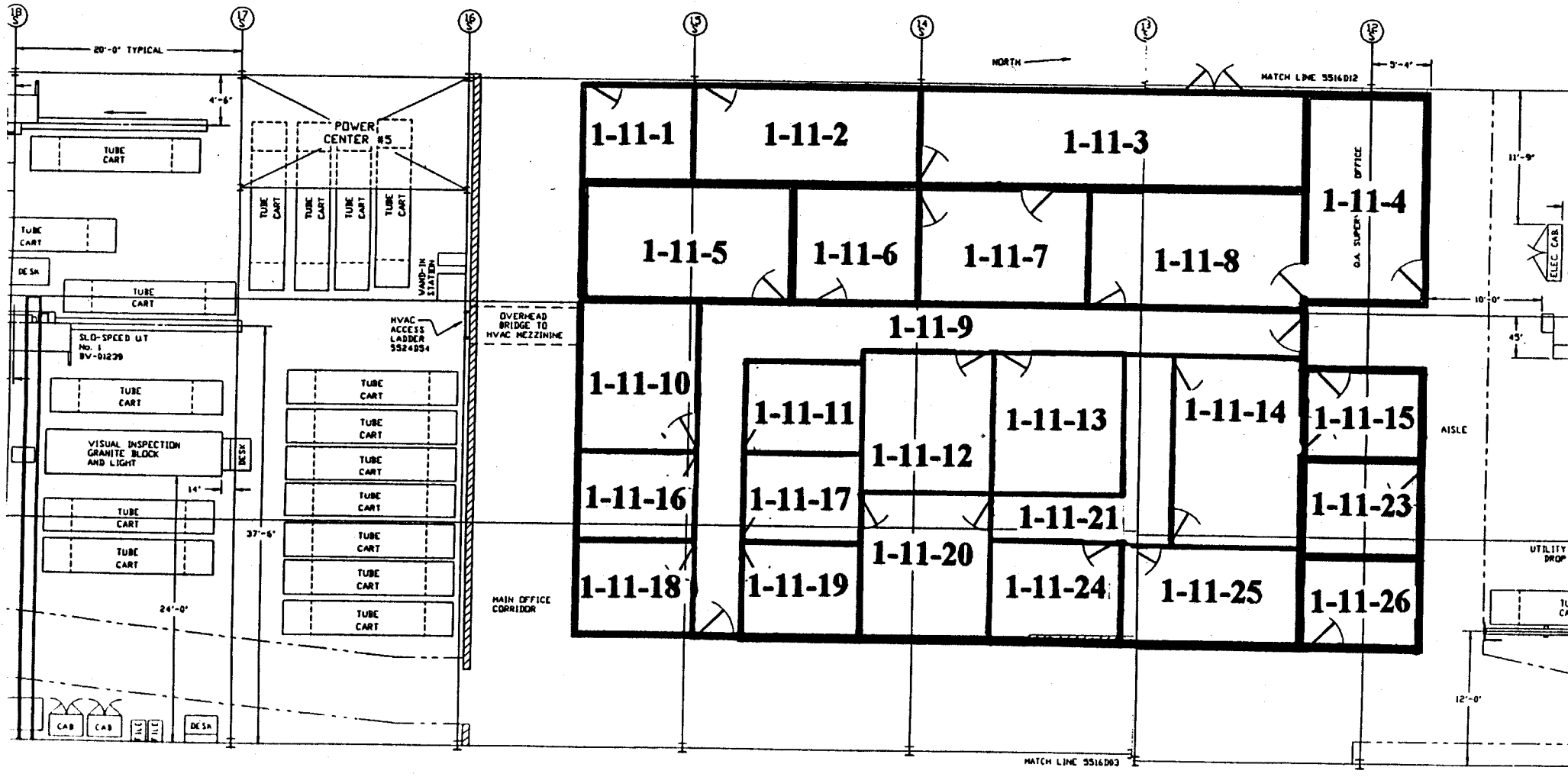
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-8

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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

UNIT: 1-11-8
SN: 01-204
DATE: 2-8-95
BY: QT

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



5516D08 REV 14

Blairsville Point Survey Form #003

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

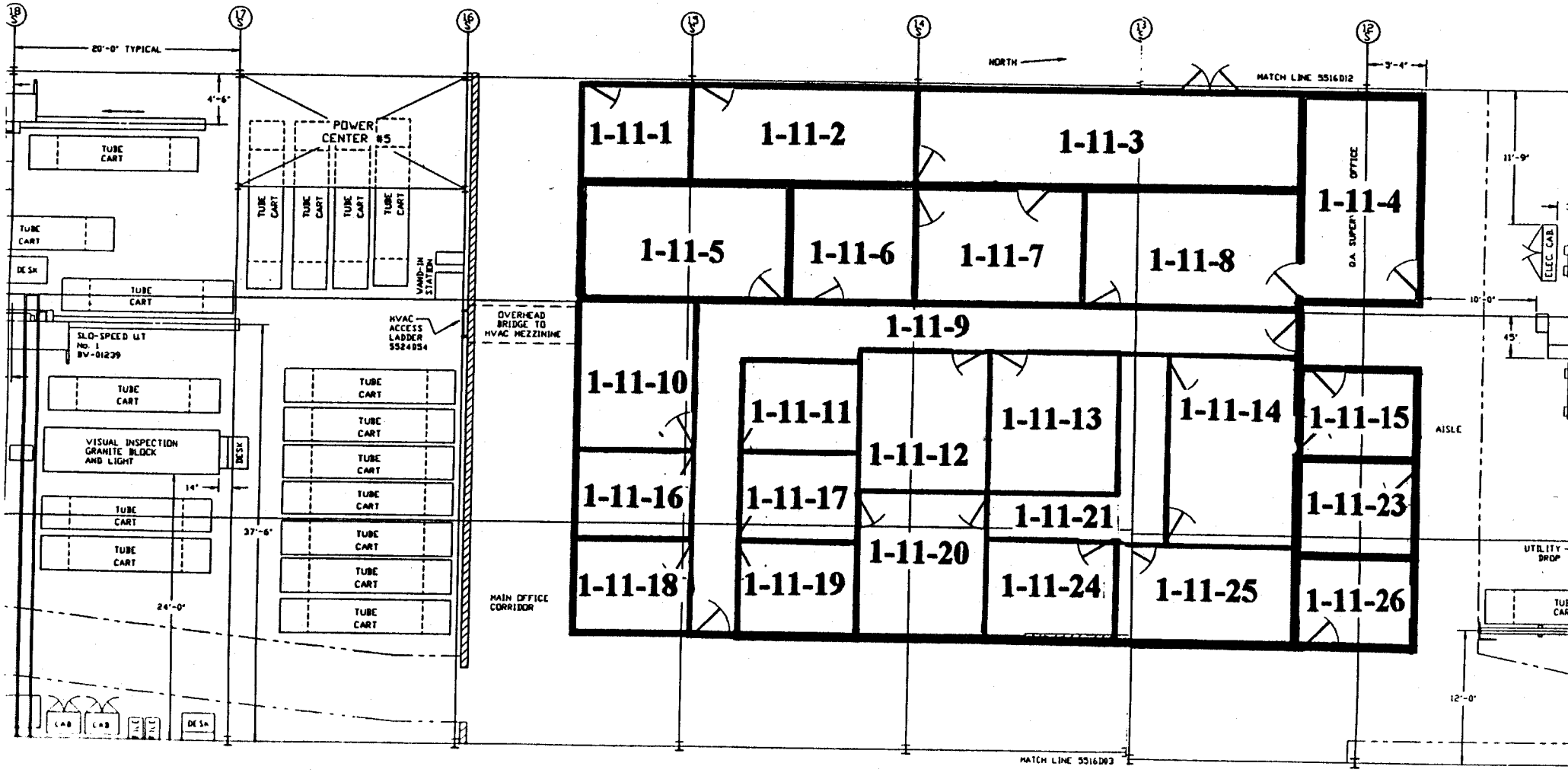
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-18

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
2	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	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)



5516D08 REV 14

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

Beta Survey Instruments

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

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

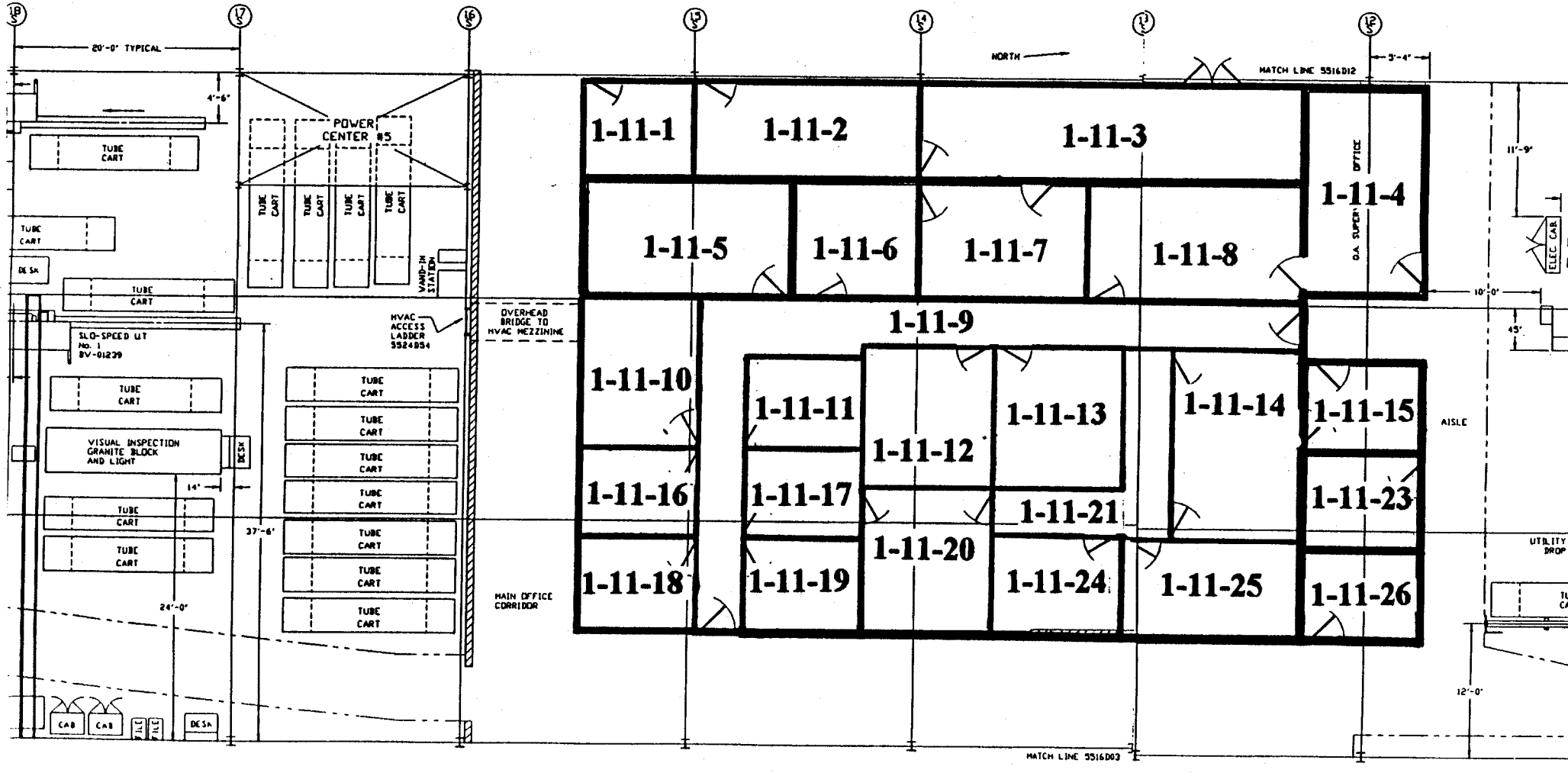
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-19

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
3	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/4/95 8:02
4	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 8:05

UNIT: 1-11-19
SN: 01-206
DATE: 2-8-95
BY: AVT

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



5516D08 REV 14

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

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

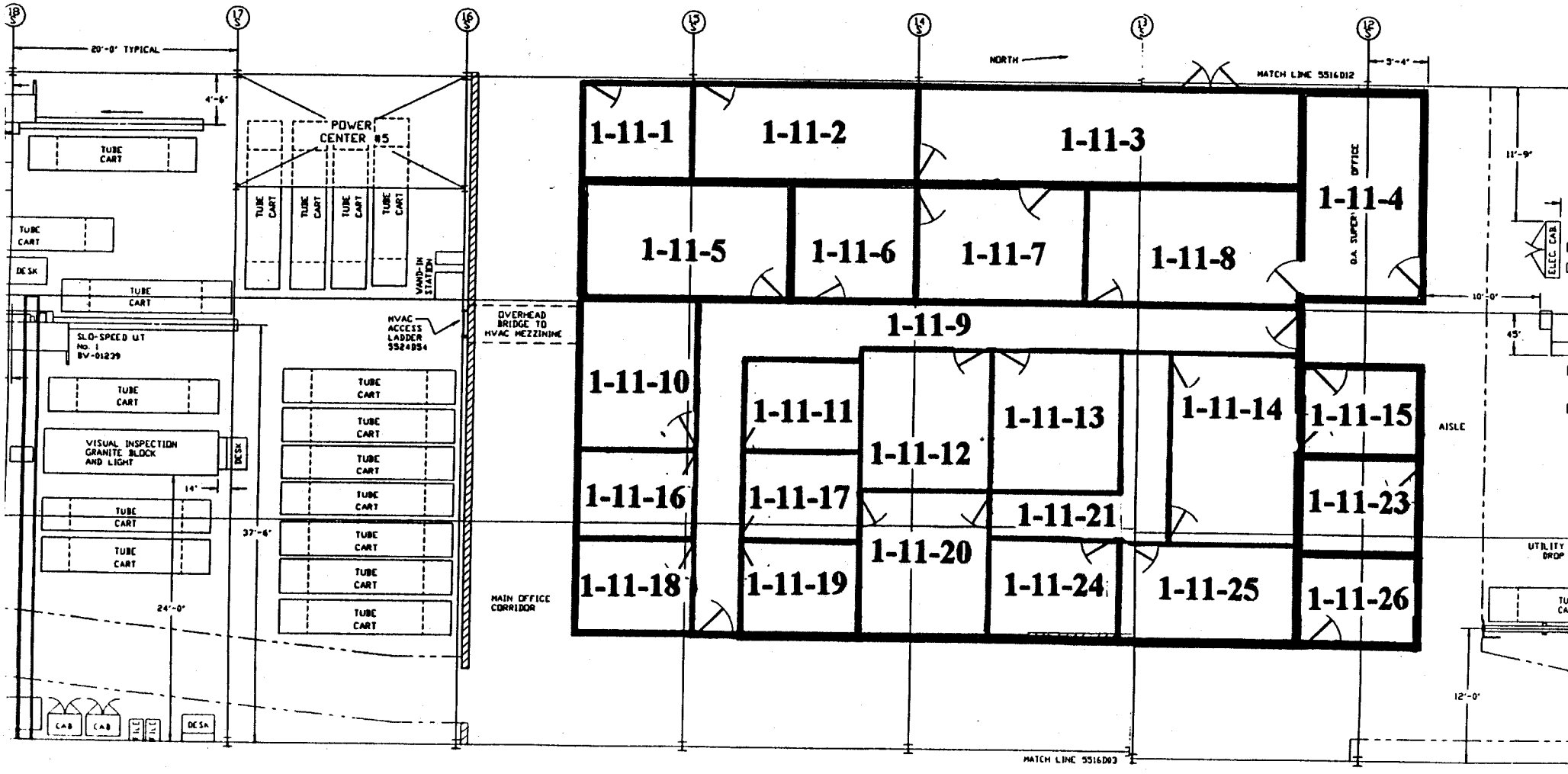
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-24

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

UNIT: 1-11-24
SN: 01-207
DATE: 2-8-95
BY: QT.

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



5516D08 REV 14

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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

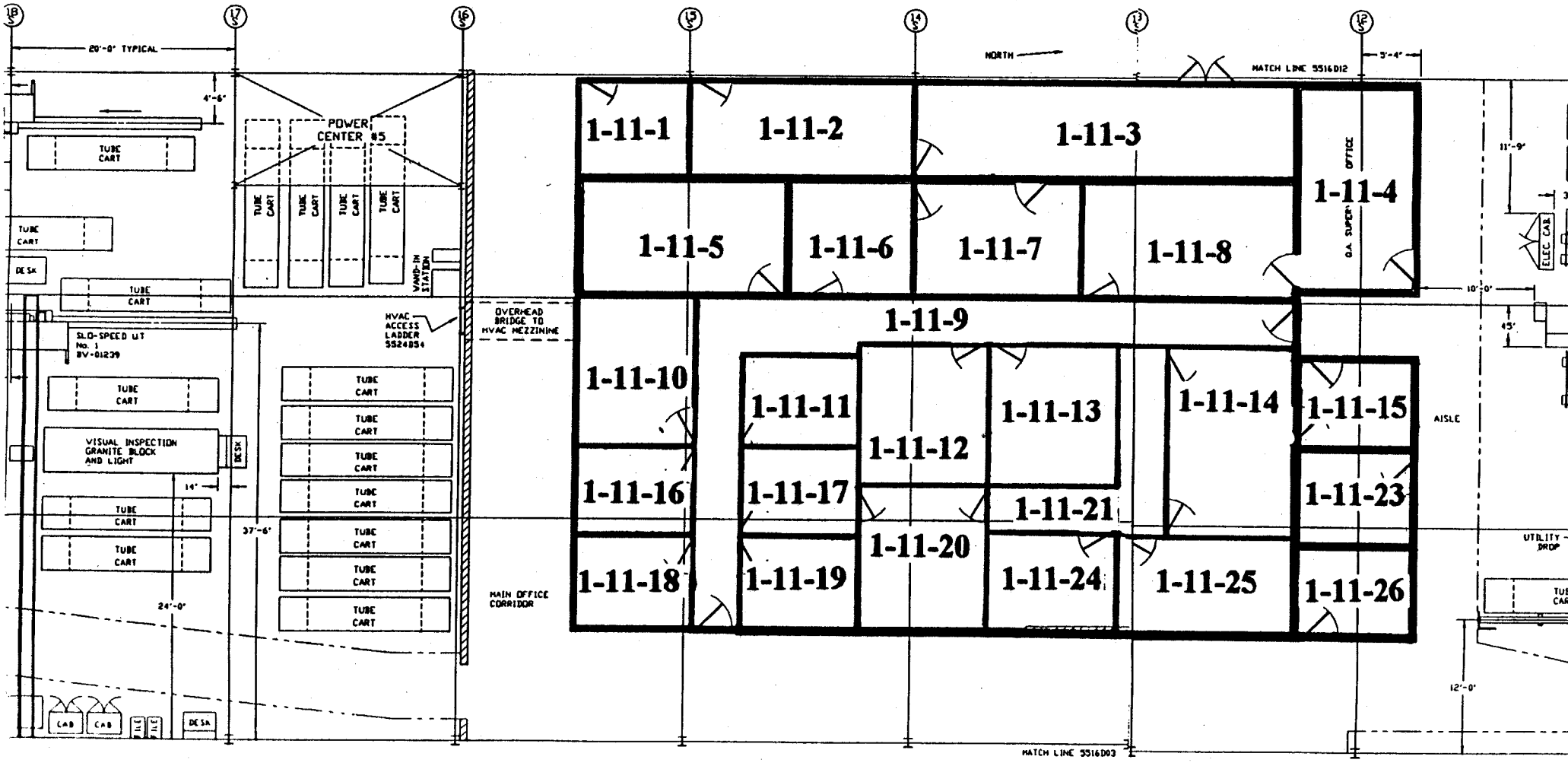
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-25

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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

UNIT: 1-11-25
SN: 01-208
DATE: 2-8-95
BY: QT

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



5516D08 REV 14

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

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

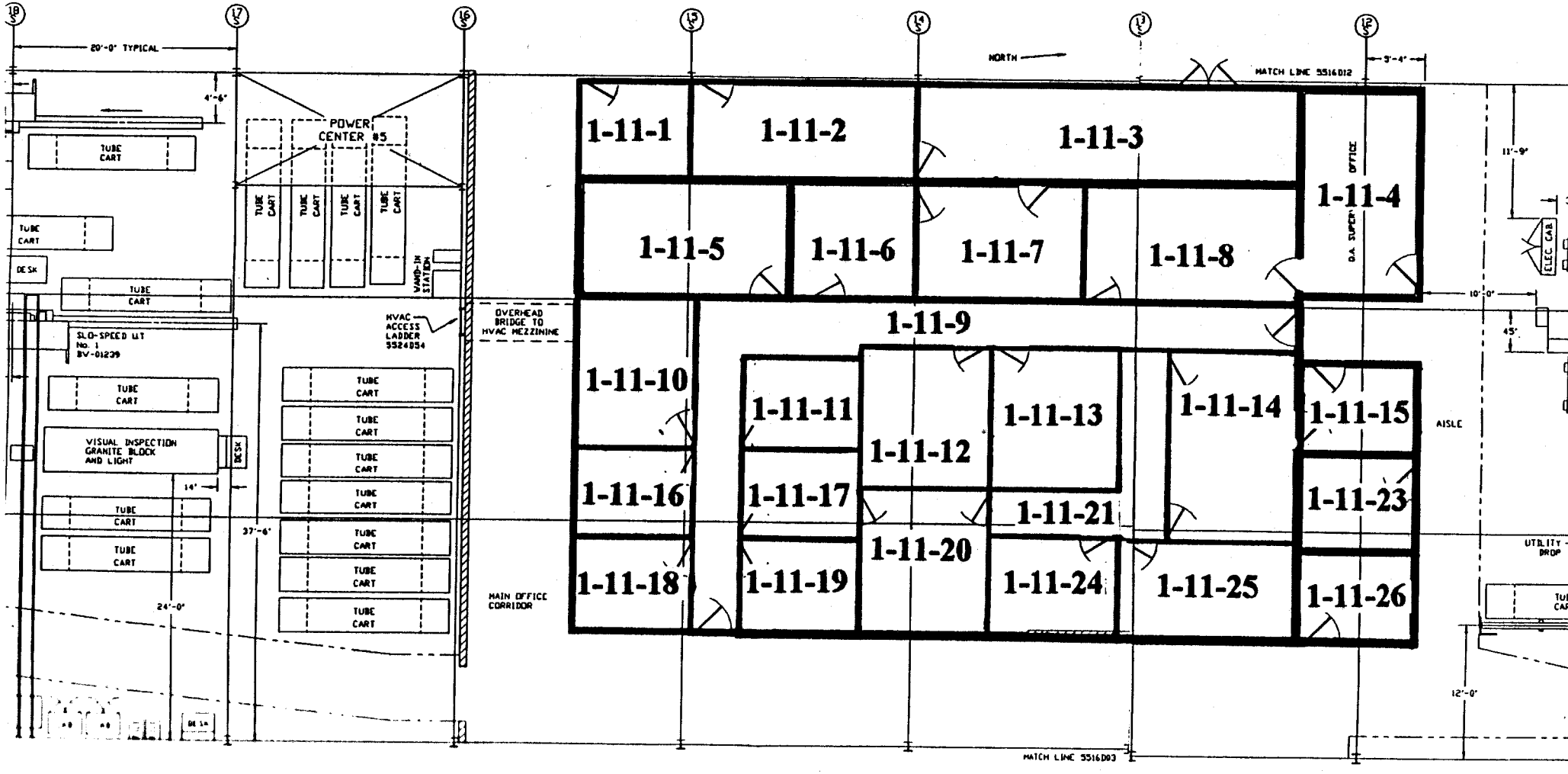
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-11-26

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

UNIT: 1-11-26
SN: 01-209
DATE: 2-8-95
BY: QUT

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



5516D08 REV 14

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. 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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

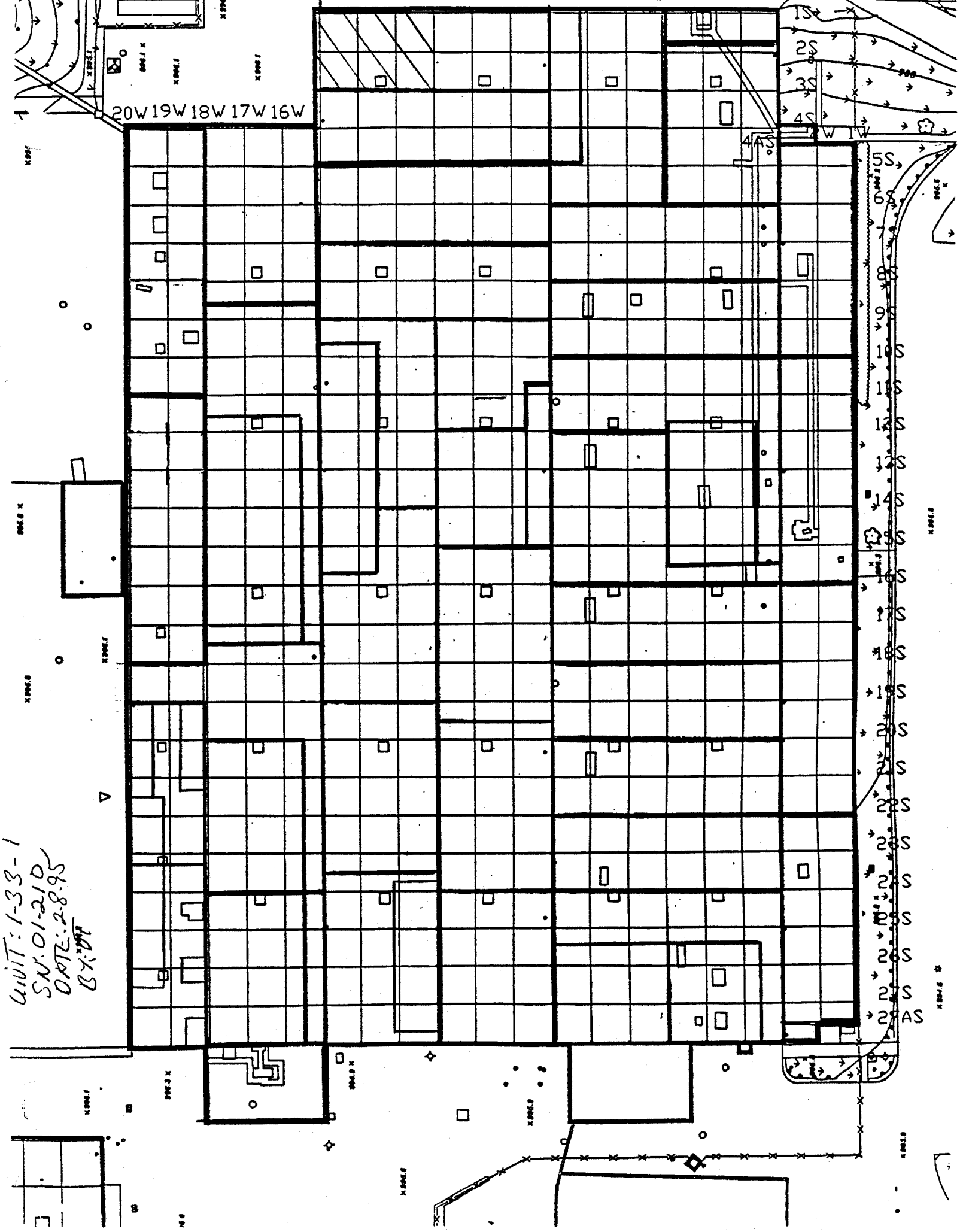
Application Revision: 3
Application Version: Standard

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 1-33-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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1S
2S
3S
4S
4AS
5S
6S
7S
8S
9S
10S
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13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
UNIT: 1-33-1
SUR: 01-210
DATE: 2-8-95
BY:

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

Beta Survey Instruments

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

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

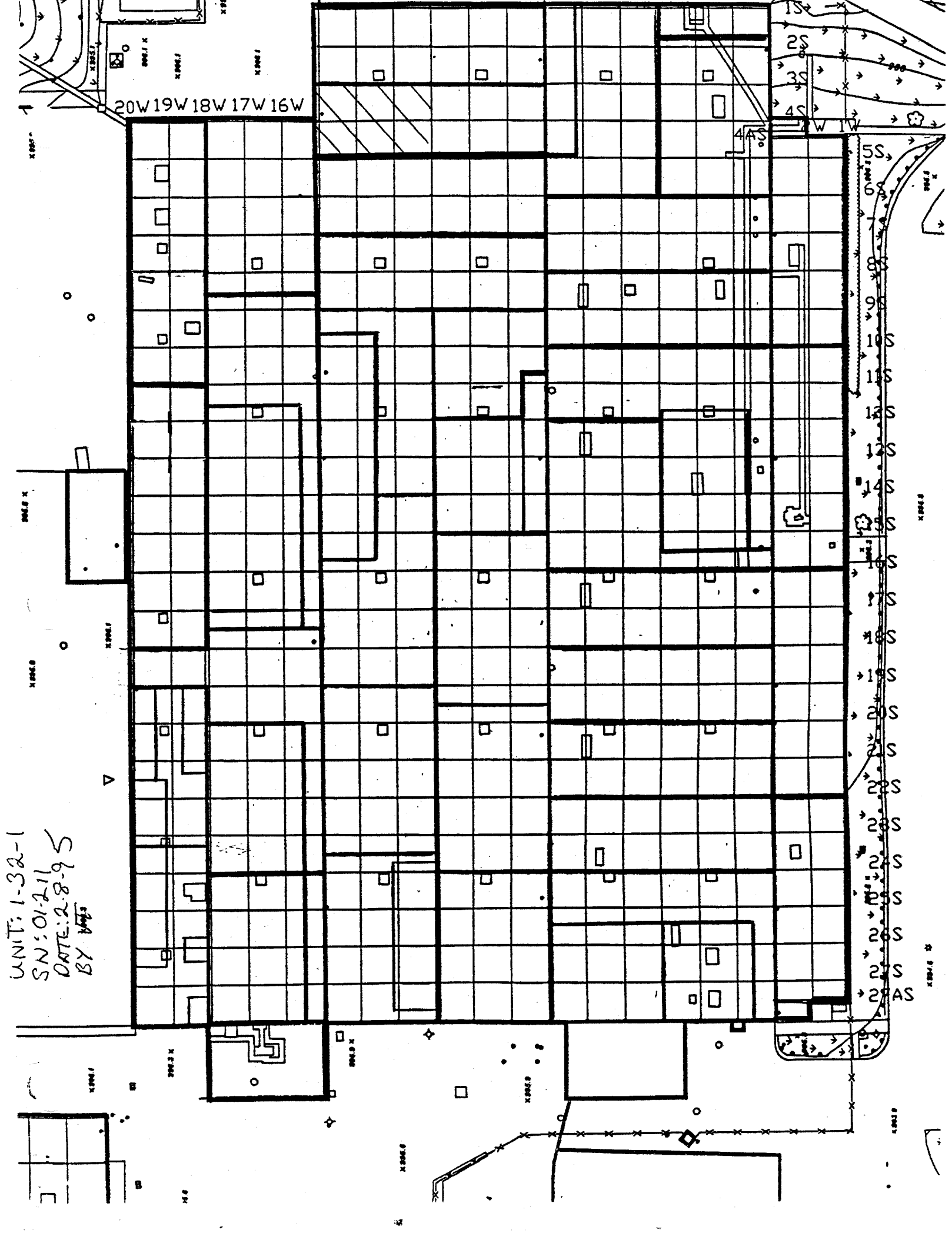
Application Revision: 3
Application Version: Standard

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 1-32-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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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2S
3S
4S
4AS
1W
5S
6S
7S
8S
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12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
UNIT: 1-32-1
SN: 01211
DATE: 2-8-95
BY

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. 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	263

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

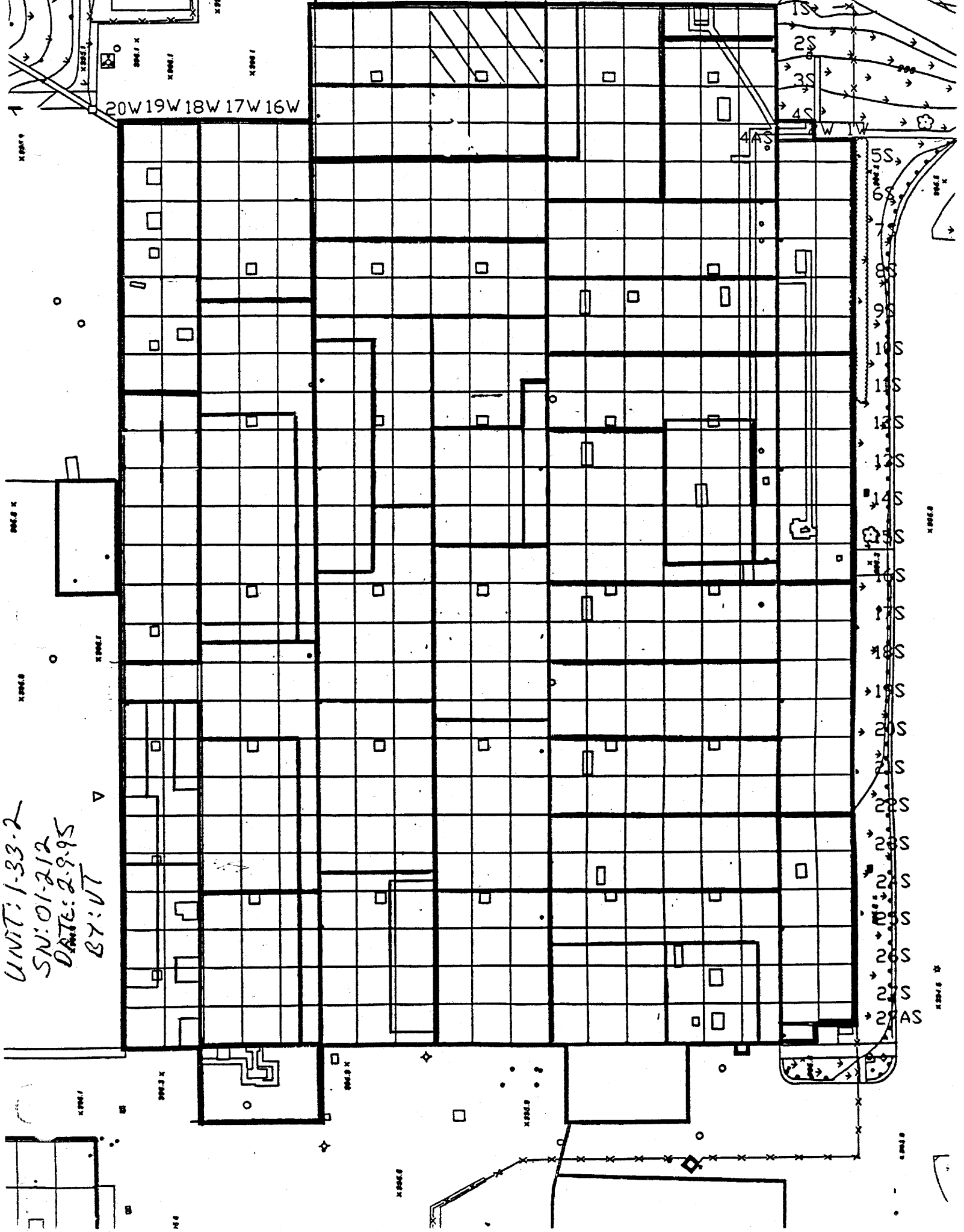
Application Revision: 3
Application Version: Standard

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

Batch ID: Blairsville 1-33-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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1S
2S
3S
4S
4AS
W 1W
5S
6S
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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. 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	187

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:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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:\LBXL\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

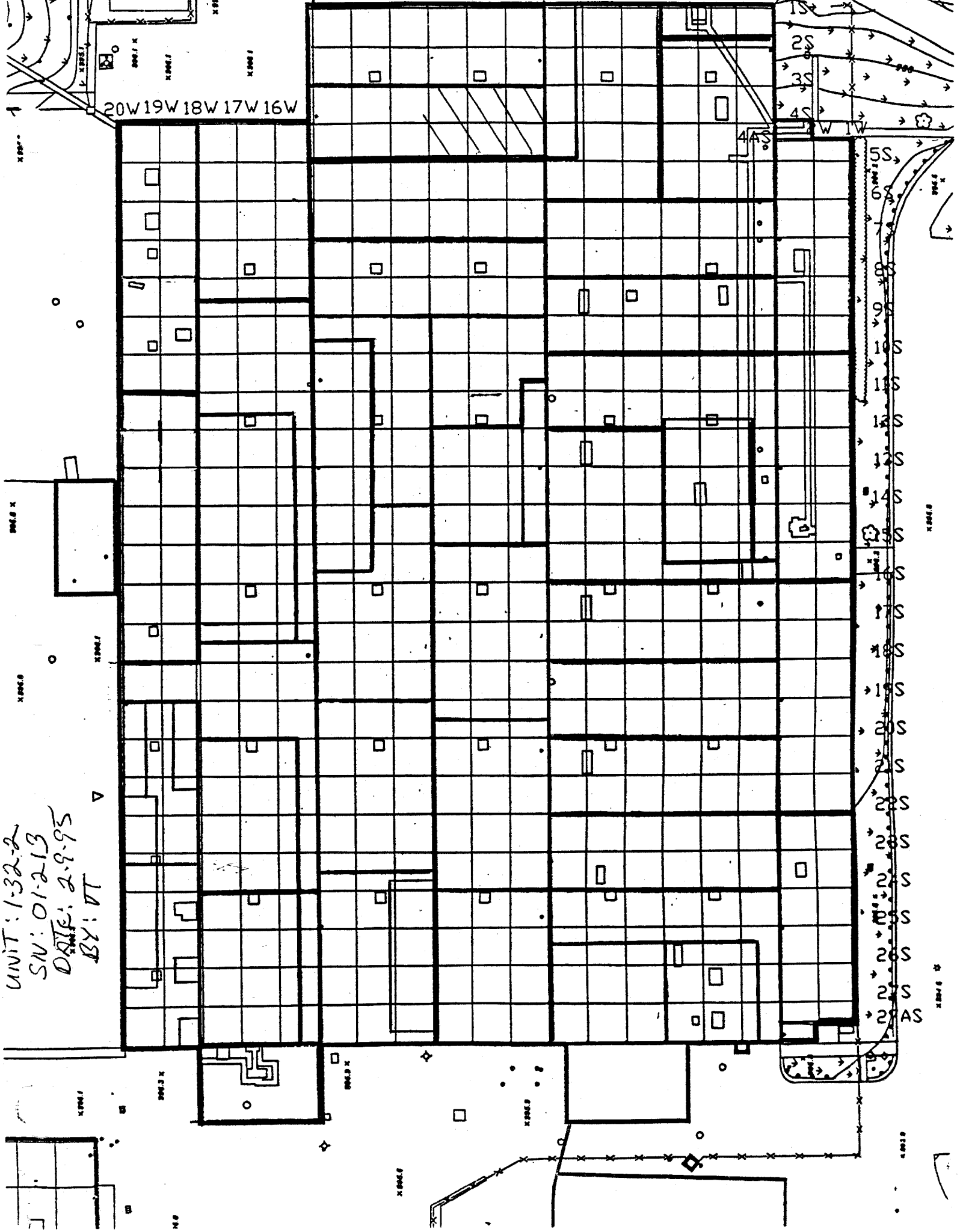
Application Revision: 3
Application Version: Standard

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

Batch ID: Blairsville 1-33-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
15	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 10:20
16	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/4/95 10:23
17	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	4/4/95 10:25
18	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	4/4/95 10:27
19	3.756	2.60	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	1.254	0.63	4/4/95 10:29
21	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	4/4/95 10:34
22	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	4/4/95 10:36
23	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	4/4/95 10:38
24	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	4/4/95 10:40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3S
4S
4AS
W 1W
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25S
26S
27S
28S
29S
29AS
UNIT: 1-32-2
SV: 01-2-13
DATE: 2-9-93
BY: TT

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

Beta Survey Instruments

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

Gamma or Beta/Gamma Instruments

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

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:	L. SMITH
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

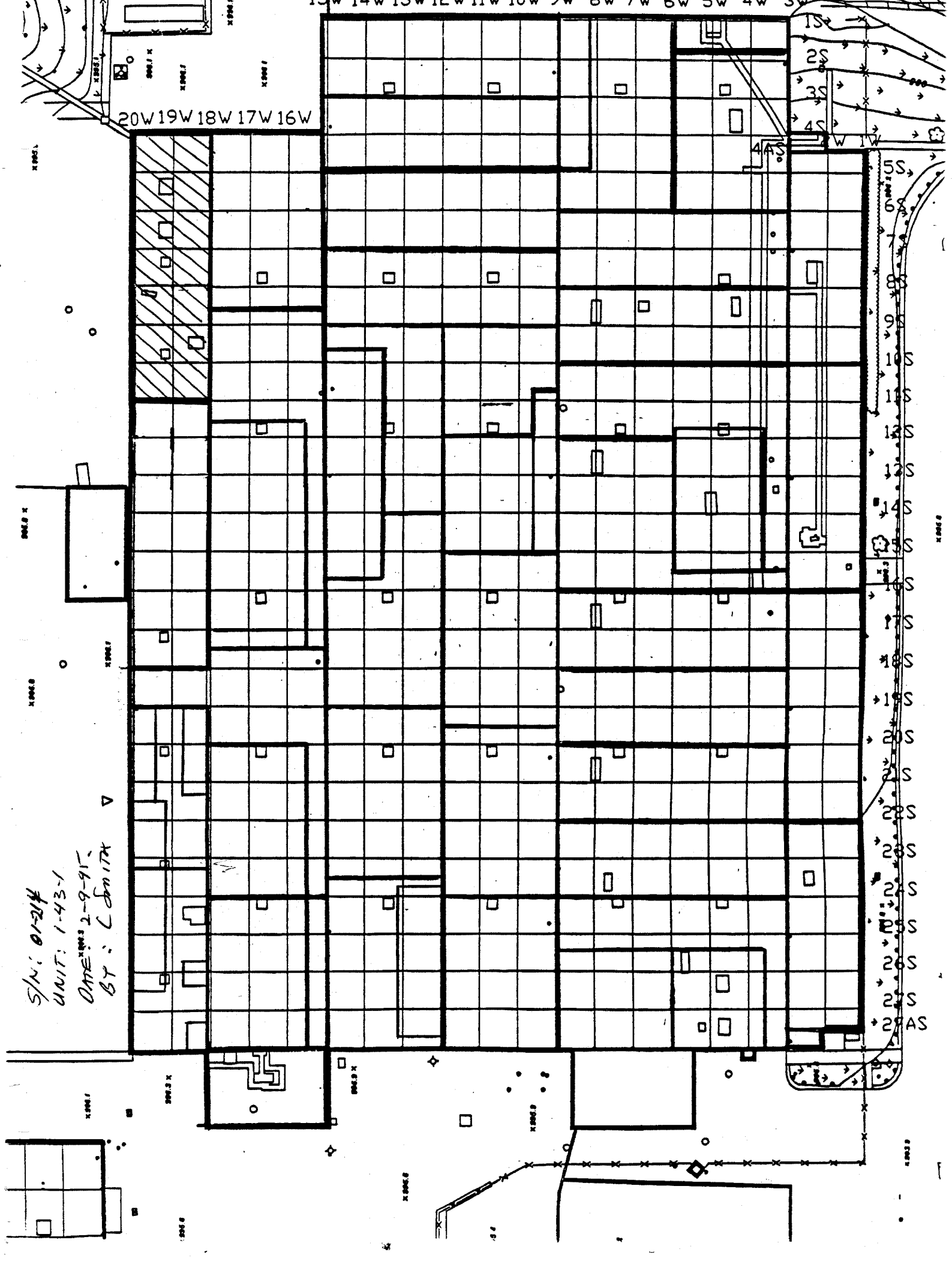
Application Revision: 3
Application Version: Standard

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 1-43-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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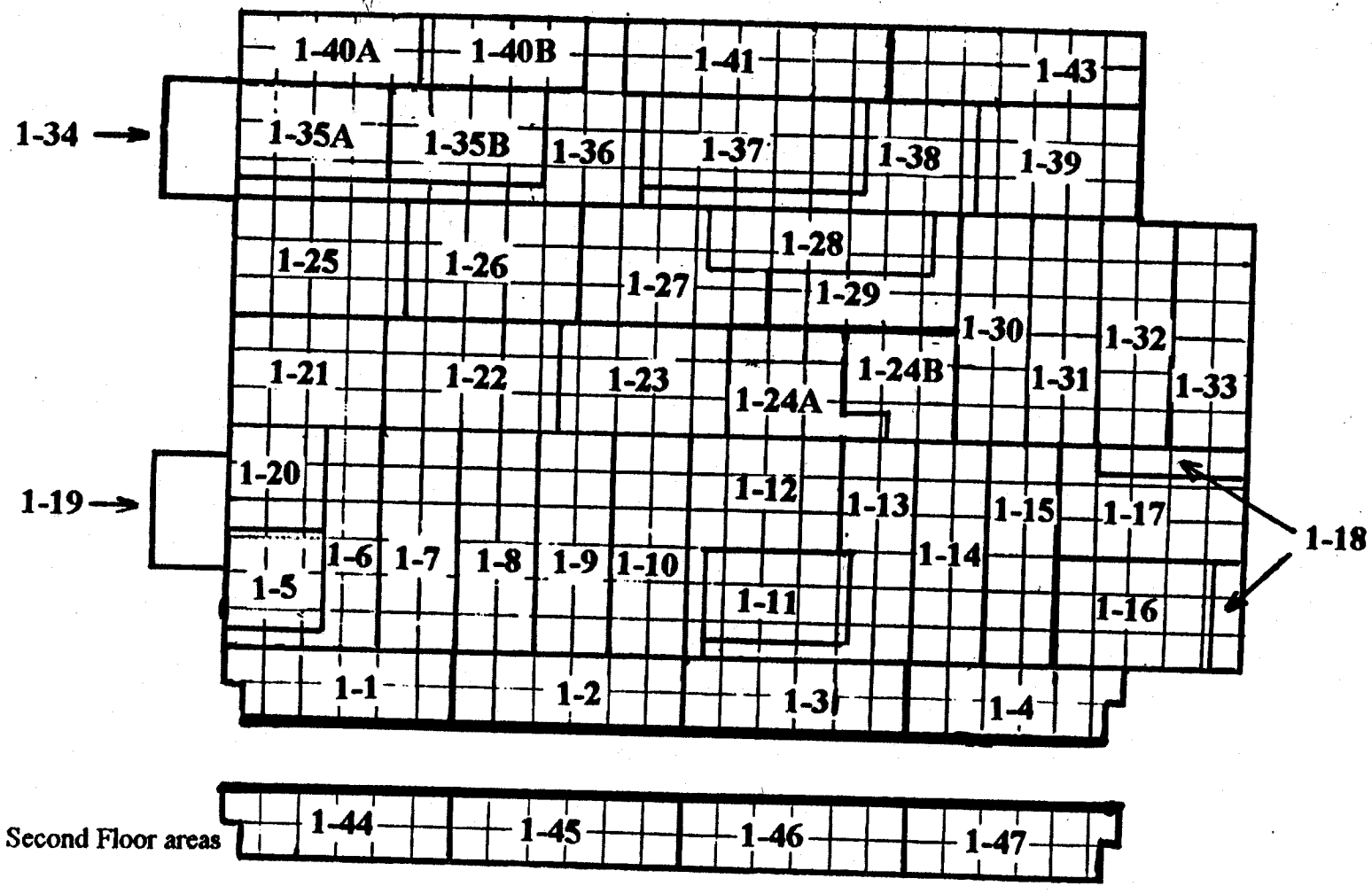
28AS
S/N: 01-214
UNIT: 1-43-1
DATE: 2-9-95
BY: C Smith

SURVEY UNITS FOR SECTION ONE



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

Beta Survey Instruments

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

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

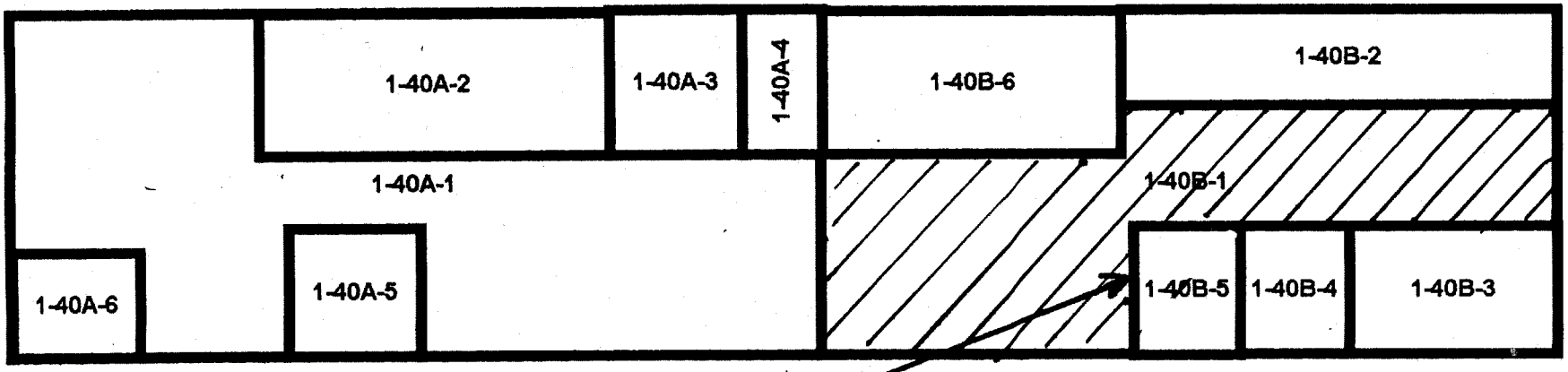
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

Surveyor:	L. SMITH
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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	
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	BLOCK (SEE MAP)
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: 01-285
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

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 1-40B-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	3

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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 1-40A-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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

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

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

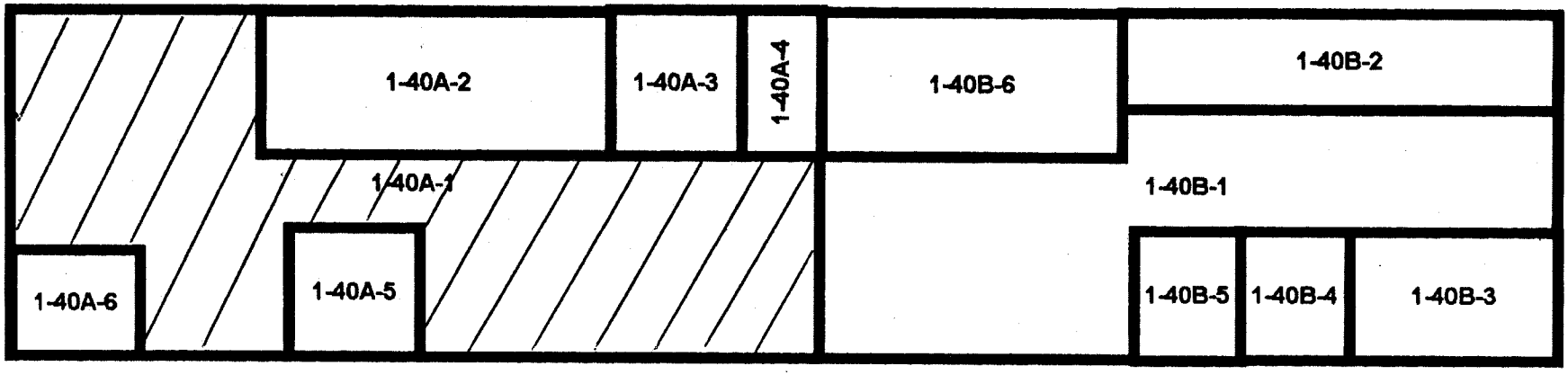
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-40A-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

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 / C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

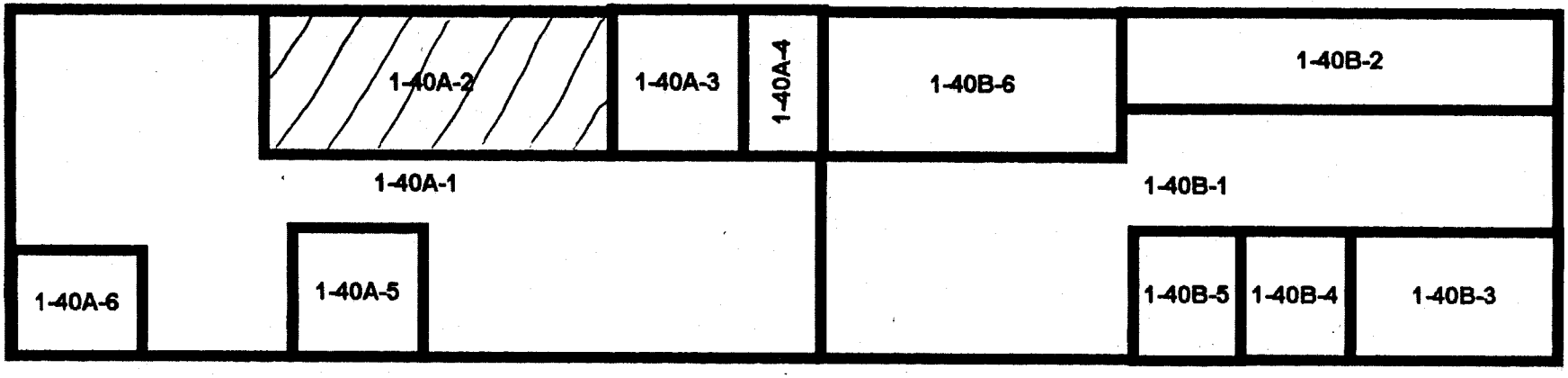
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-40A-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

UNIT: 1-40A-2
SN: 01-217
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Beta Survey Instruments

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

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 / C. VERGARI
Signature:	V. Taylor, C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

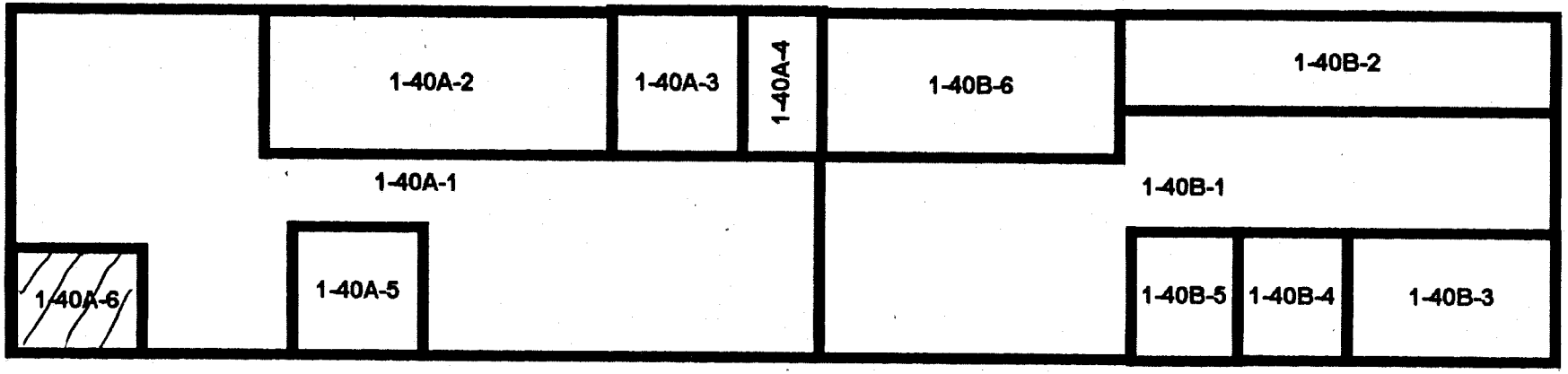
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-40A-6

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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. 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	239

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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

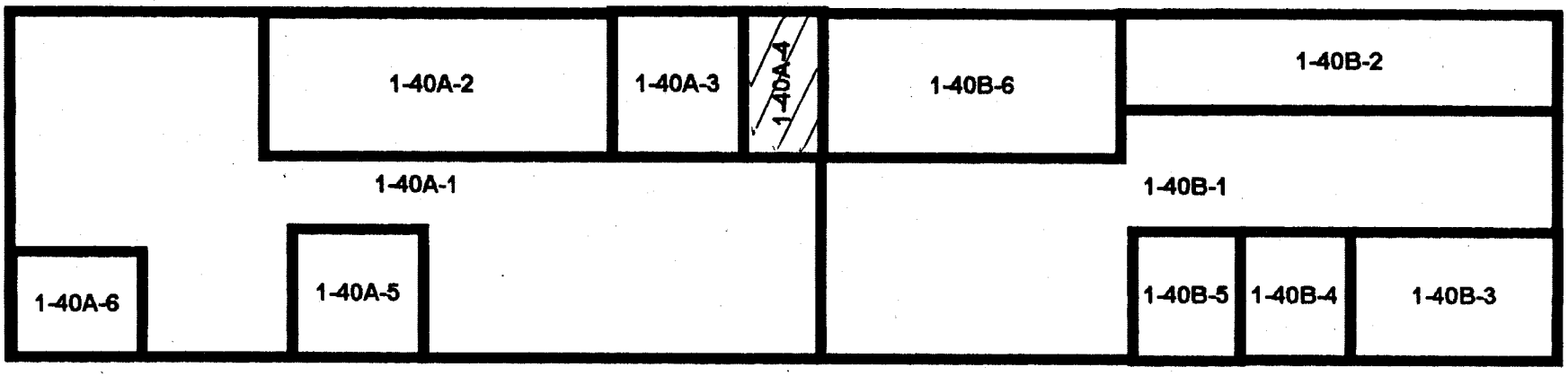
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-40A-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
8	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	4/5/95 10:43
9	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

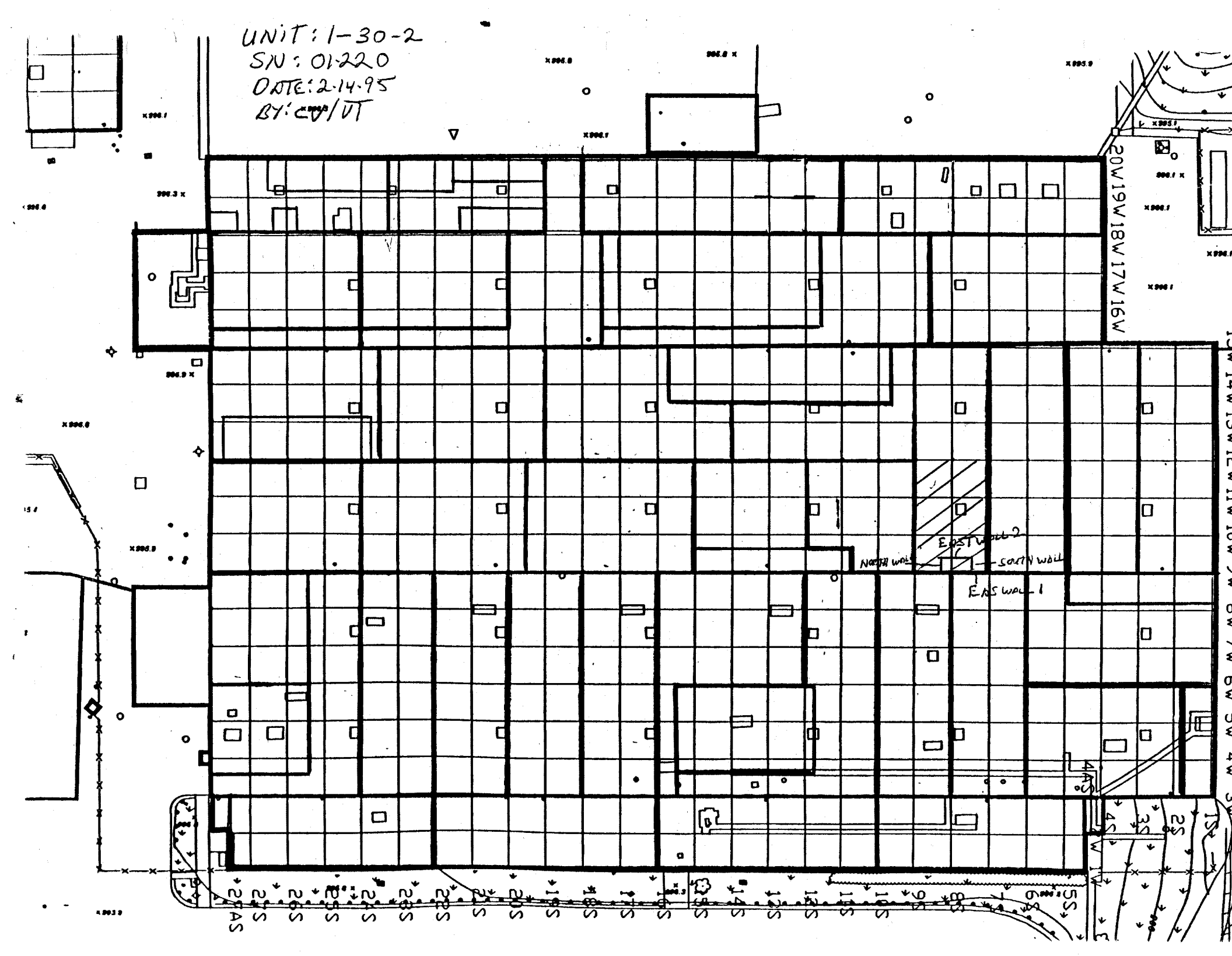
Application Revision: 3
Application Version: Standard

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 1-30-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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


UNIT: 1-30-2
SN: 01-220
DATE: 2-14-95
BY: CD/VT
EAST WALL 2
NORTH WALL
SOUTH WALL
EAST WALL 1

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

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

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

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:	V. Taylor/Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

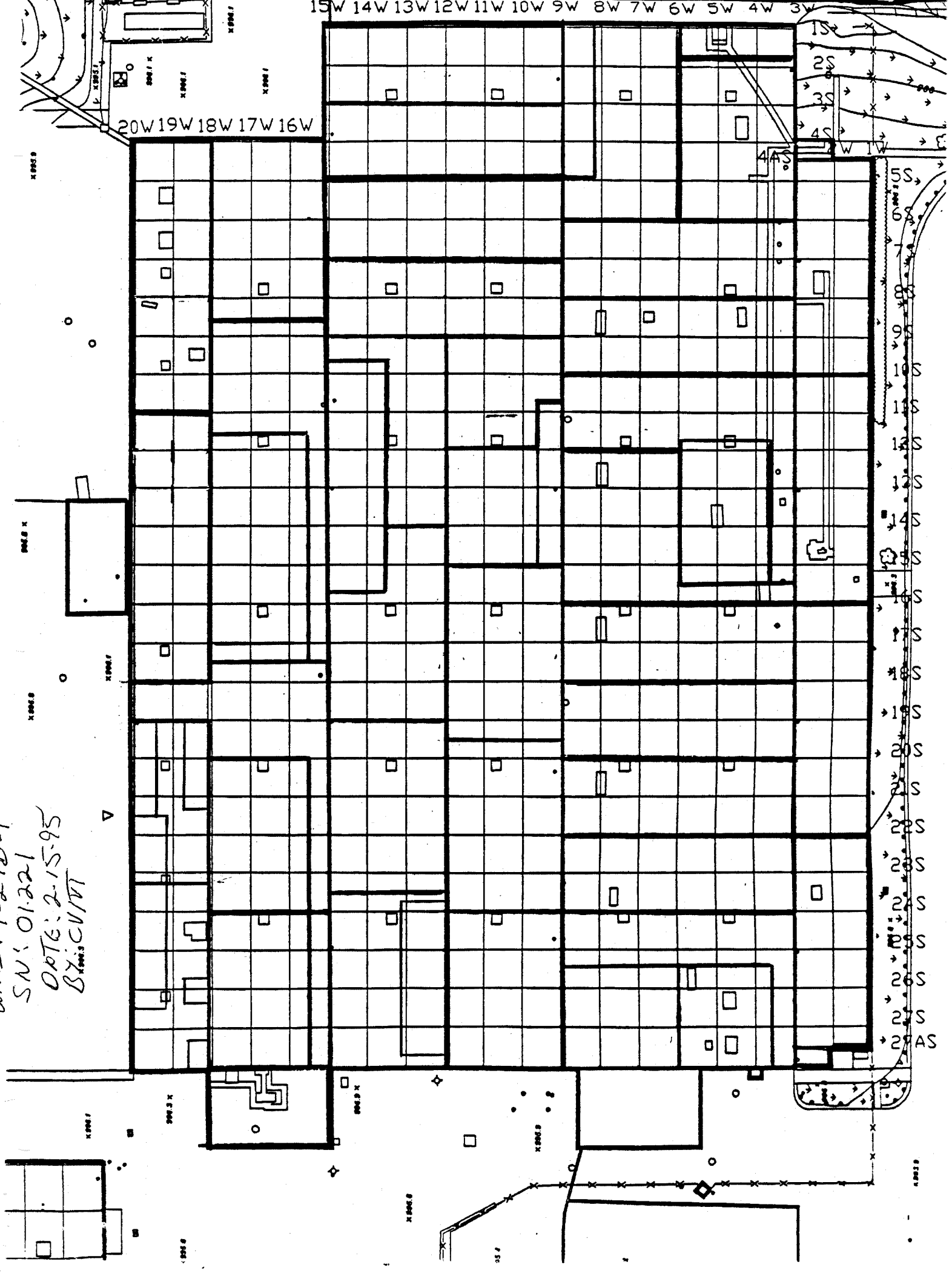
Application Revision: 3
Application Version: Standard

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 1-24B-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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



UNIT: 1-248-1
SN: 01221
DATE: 2-15-95
BY: CVIT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor/ C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

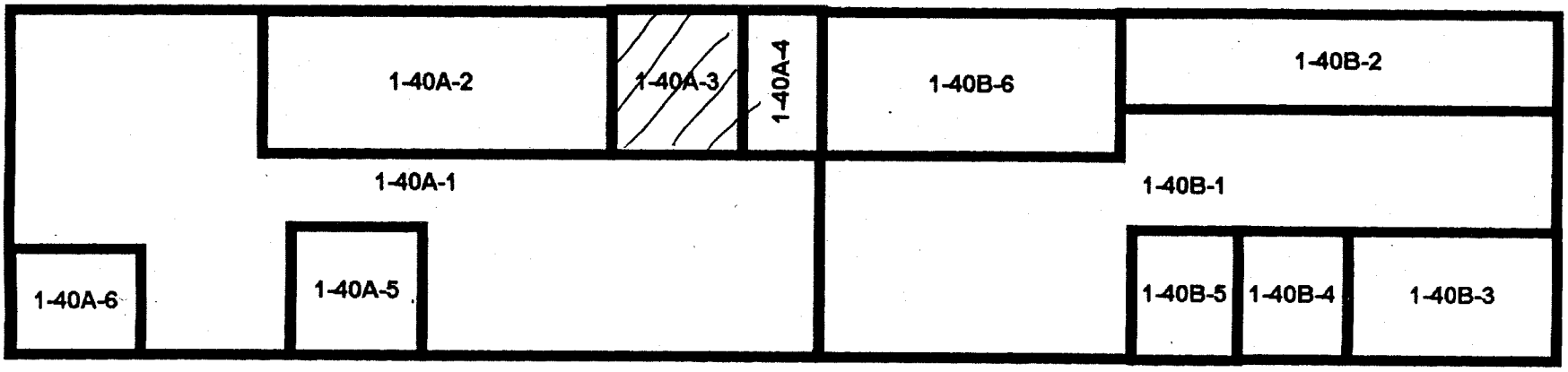
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-40A-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

UNIT: 1-40A-3
SIV: 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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	1

Beta Survey Instruments

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

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:	K. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

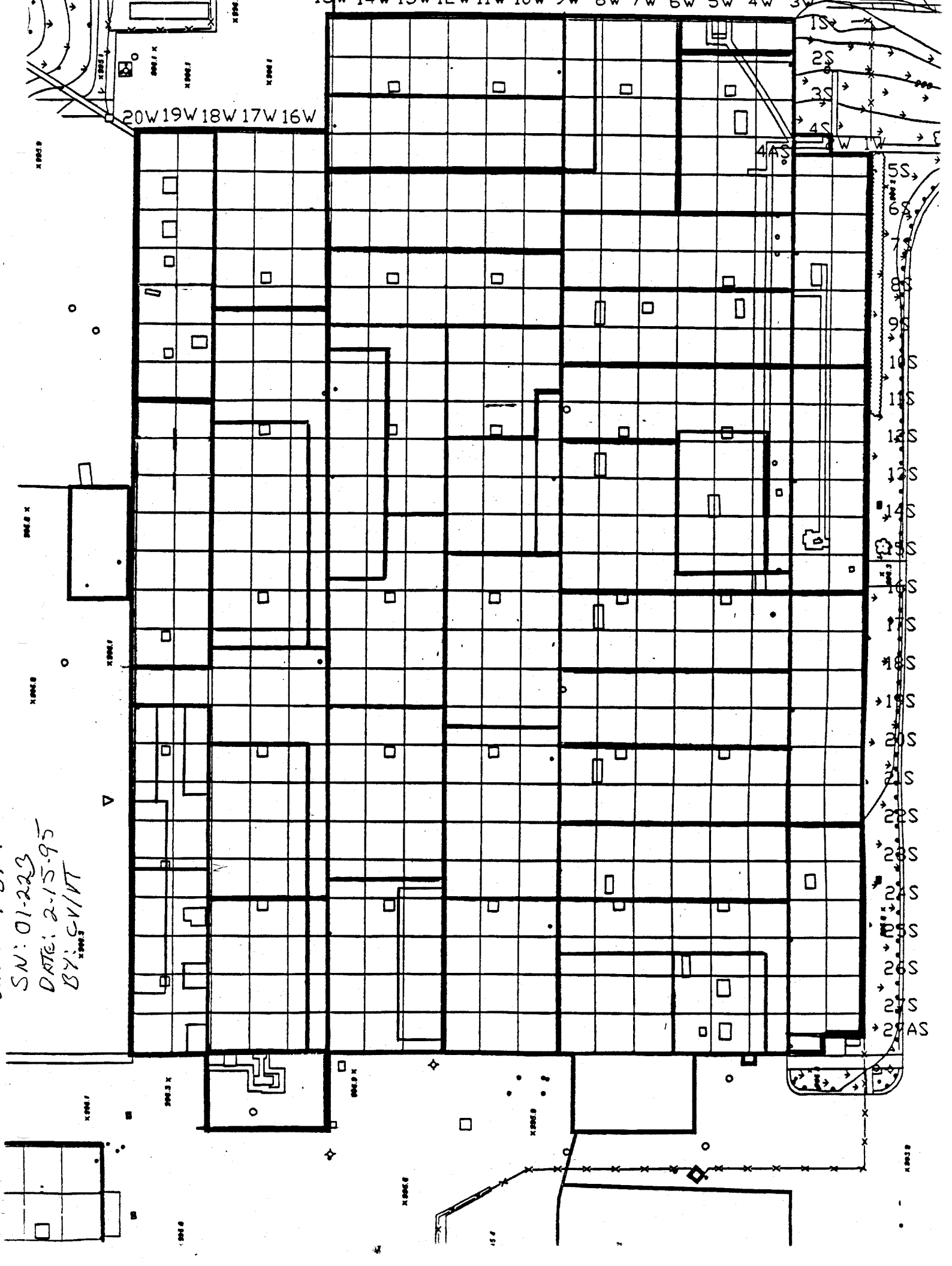
Application Revision: 3
Application Version: Standard

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 1-31-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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


20W 19W 18W 17W 16W
1S
2S
3S
4S
4AS
1W
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: 1-31-1
SN: 01-223
DATE: 2-15-95
BY: CVIVT

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

Beta Survey Instruments

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

Gamma or Beta/Gamma Instruments

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

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:	V. Taylor / C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

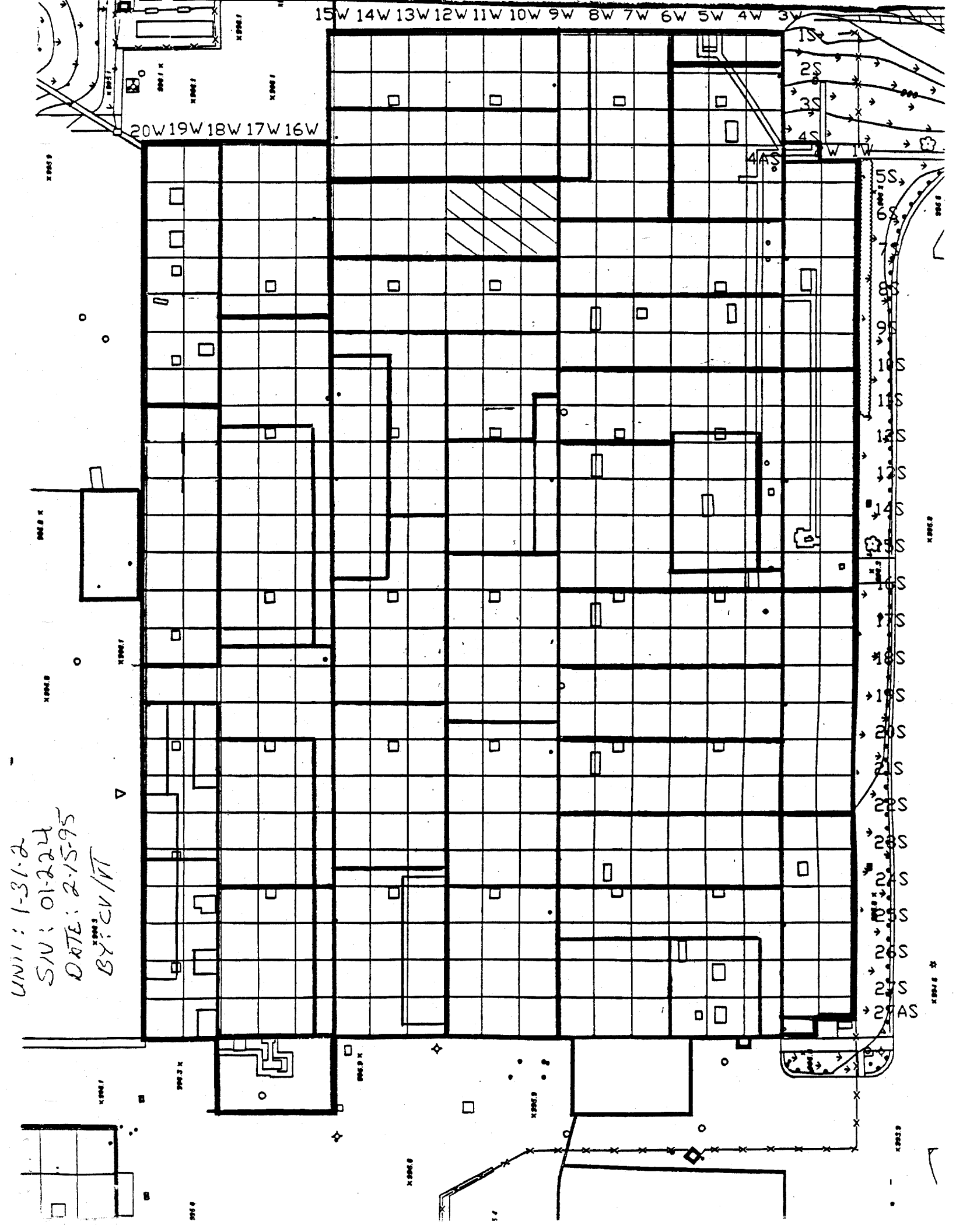
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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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20W 19W 18W 17W 16W
1S
2S
3S
4S
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1W
5S
6S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
UNIT: 1-31-2
SIU: 01-224
DATE: 2-15-95
BY: CV/VT

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. 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	229

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

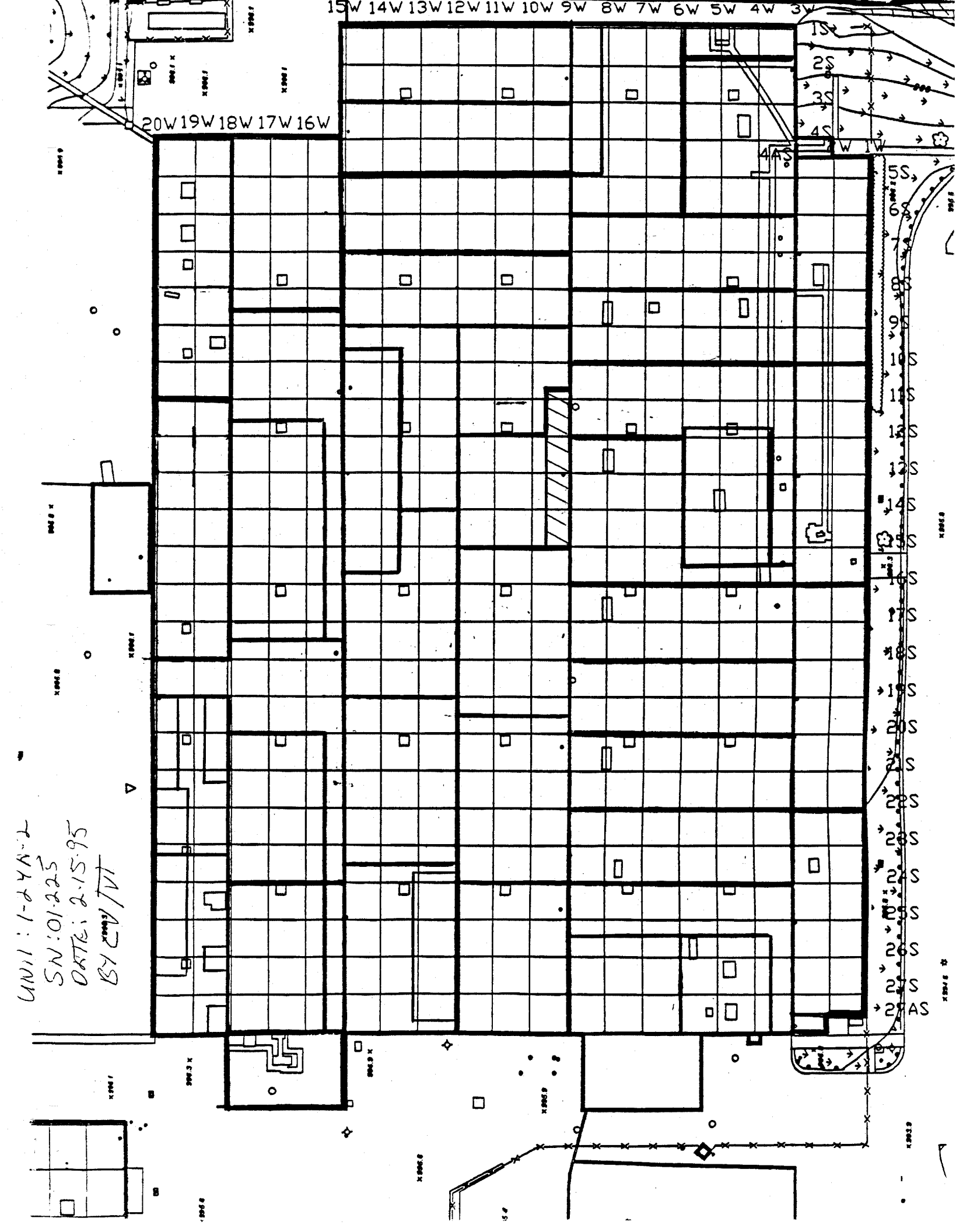
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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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20W 19W 18W 17W 16W
1S
2S
3S
4S
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5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
UNIT: 1-24A-2
SN: 01225
DATE: 2-15-95
BY CV/VT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor / C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

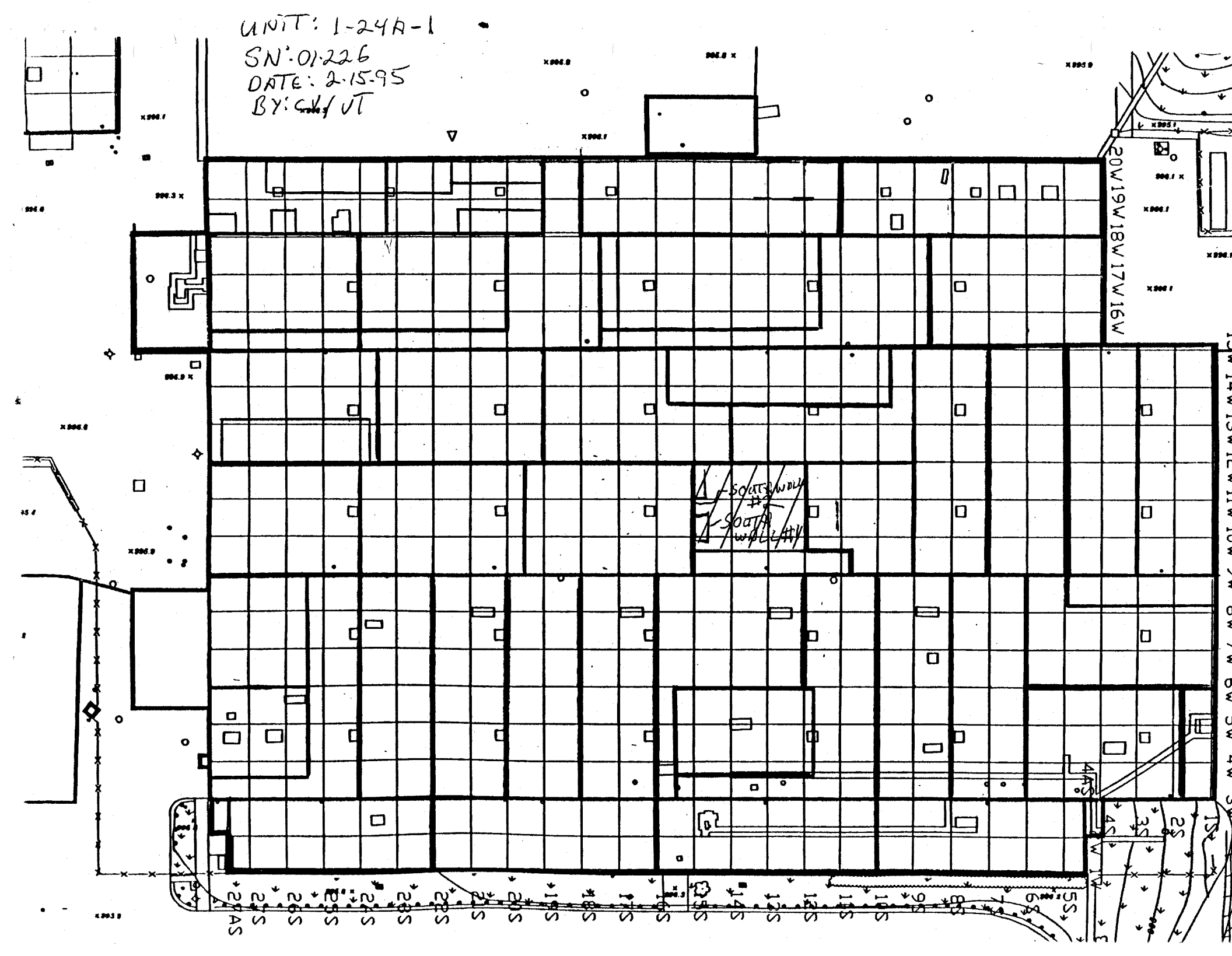
Application Revision: 3
Application Version: Standard

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-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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


UNIT: 1-24A-1
SN: 01-226
DATE: 2-15-95
BY: CW/JT
20W 19W 18W 17W 16W
SOUTH WALL #2
SOUTH WALL #1

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	1

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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: 36914

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
6	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 8:56
7	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 8:58
8	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/11/95 9:01
9	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 9:03
10	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 9:05
11	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/11/95 9:07
12	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/11/95 9:09
13	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/11/95 9:12
14	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/11/95 9:14
15	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 9:16
16	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 9:18
17	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 9:20
18	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/11/95 9:23
19	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/11/95 9:25
20	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 9:27
21	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/11/95 9:29
22	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 9:31
23	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/11/95 9:33
24	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 9:36
25	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 9:38
26	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/11/95 9:40
27	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/11/95 9:42
28	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/11/95 9:45
29	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/11/95 9:47

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

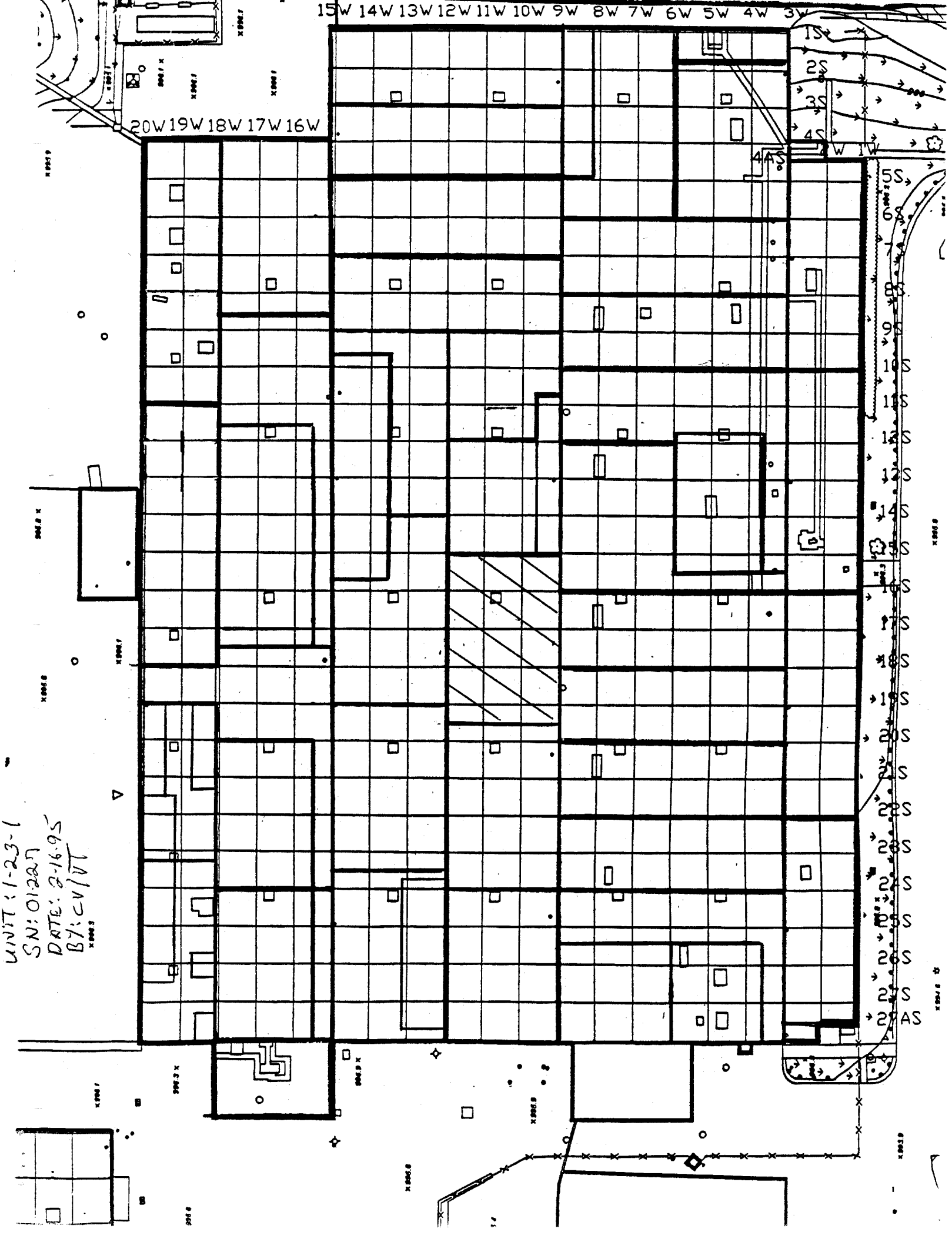
Application Revision: 3
Application Version: Standard

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: 36914

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
30	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/11/95 9:49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20W 19W 18W 17W 16W
1S
2S
3S
4S
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6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
UNIT: 1-23-1
SN: 01220
DATE: 2-16-95
BY: CVPNT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

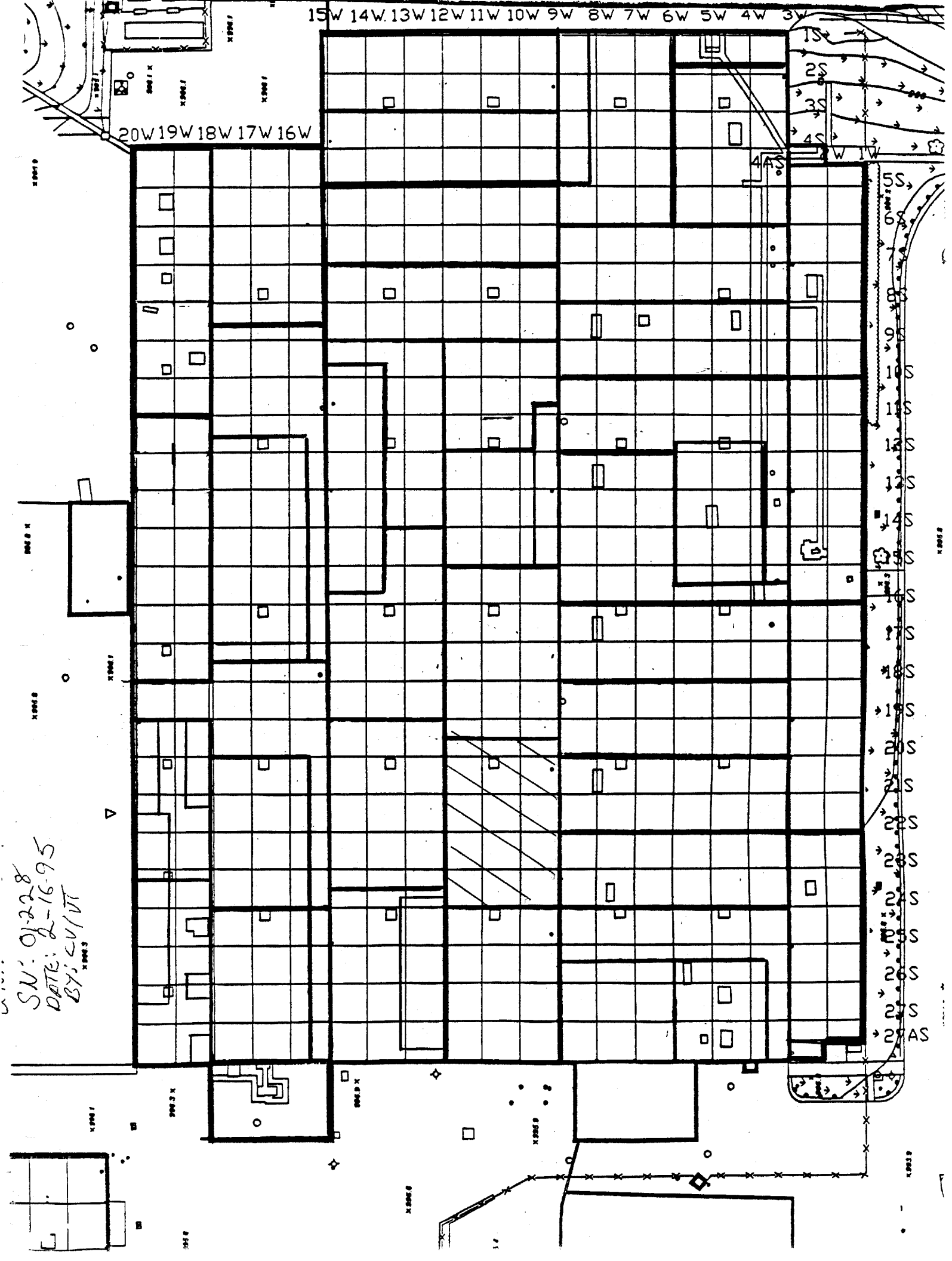
Application Revision: 3
Application Version: Standard

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: 36913

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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20W 19W 18W 17W 16W
1S
2S
3S
4S
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5S
6S
7S
8S
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17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
SW: 0-228
DATE: 2-16-95
BY: CVIT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor / Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

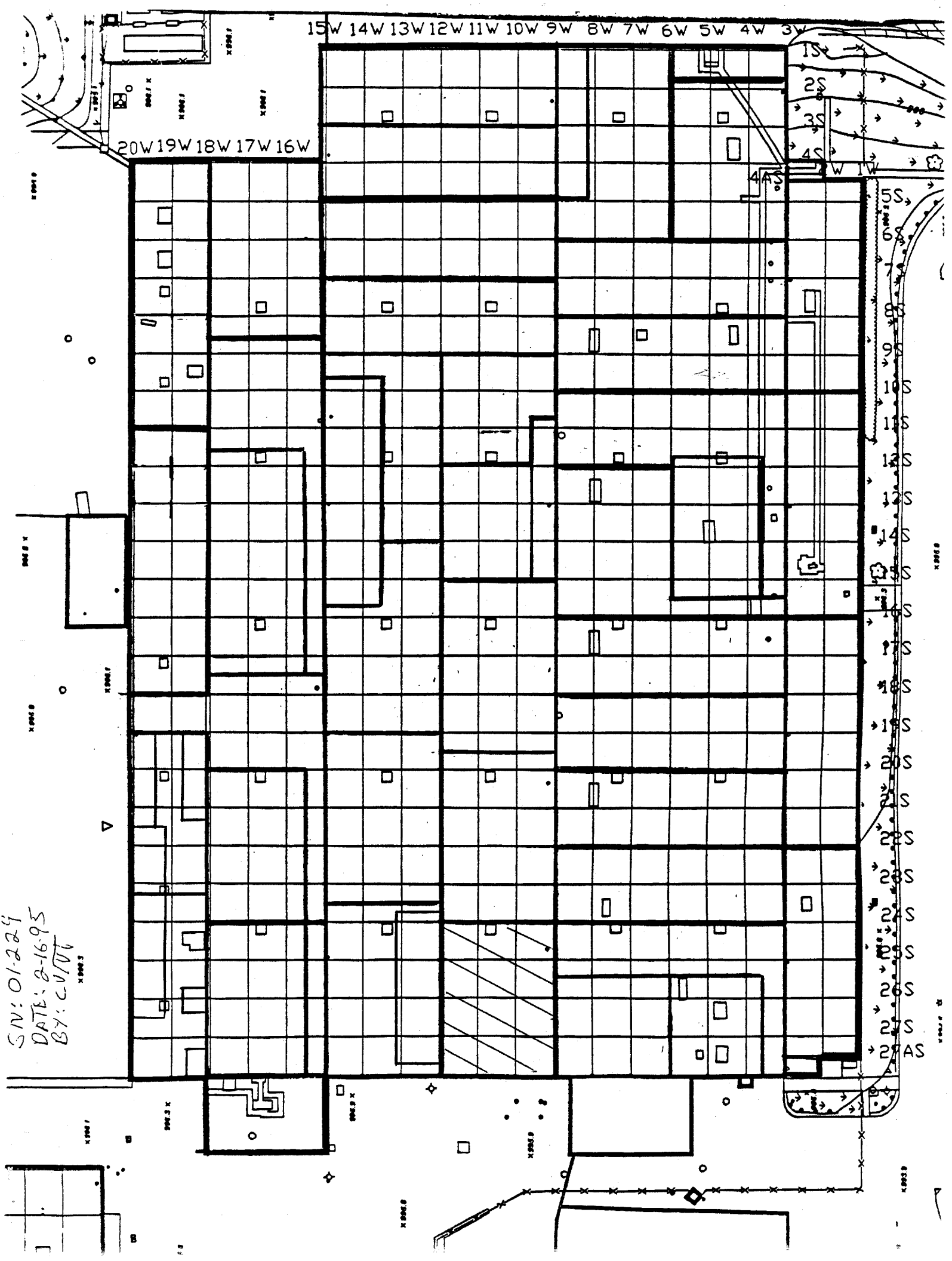
Application Revision: 3
Application Version: Standard

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: 36912

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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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19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
SW 1W
SN: 01-229
DATE: 8-16-95
BY: CVDT

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

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

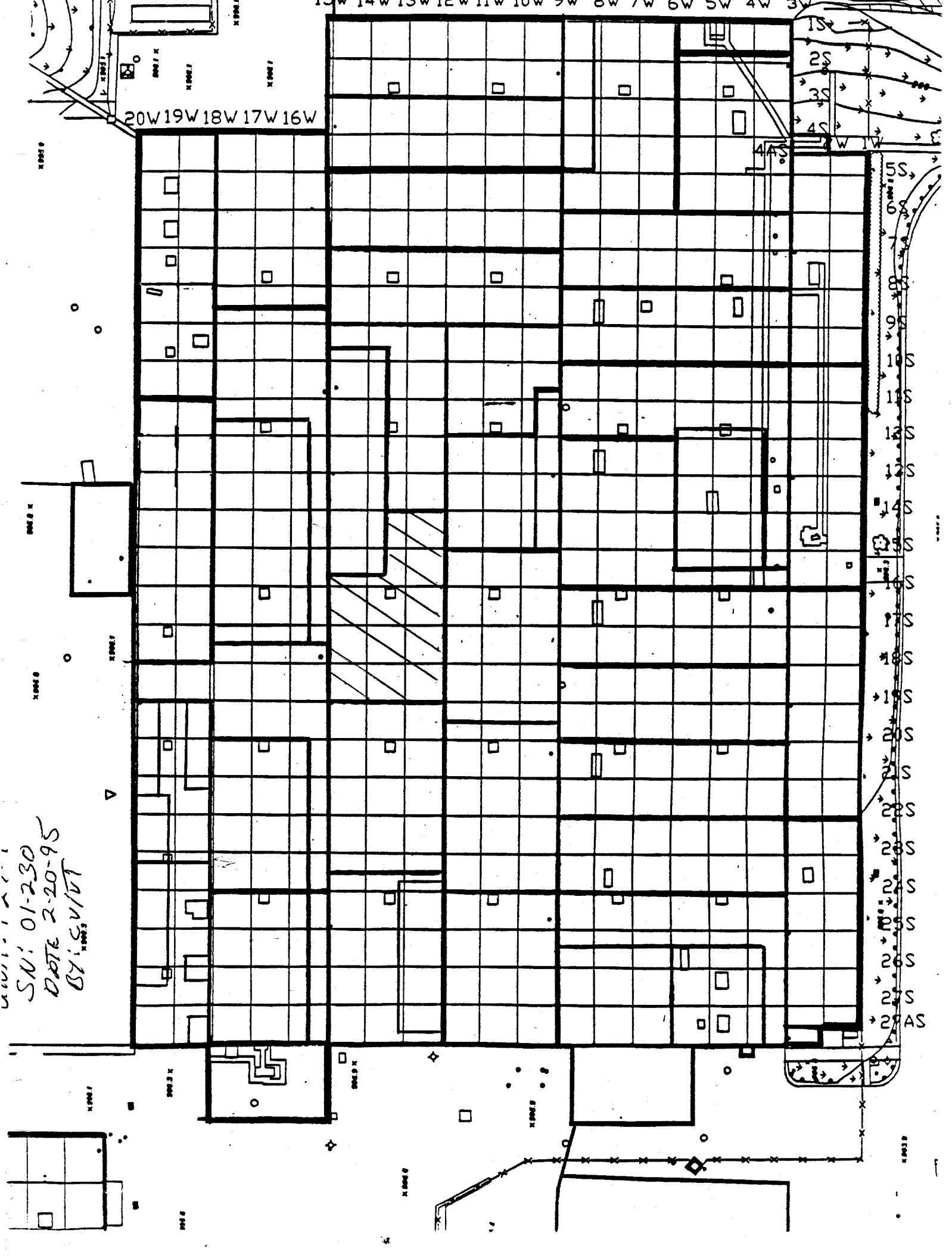
Application Revision: 3
Application Version: Standard

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 TSB 5-17-95

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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: GV/VT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/17/95
Counting Unit id: 1
Data file name: C:\LBXL\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

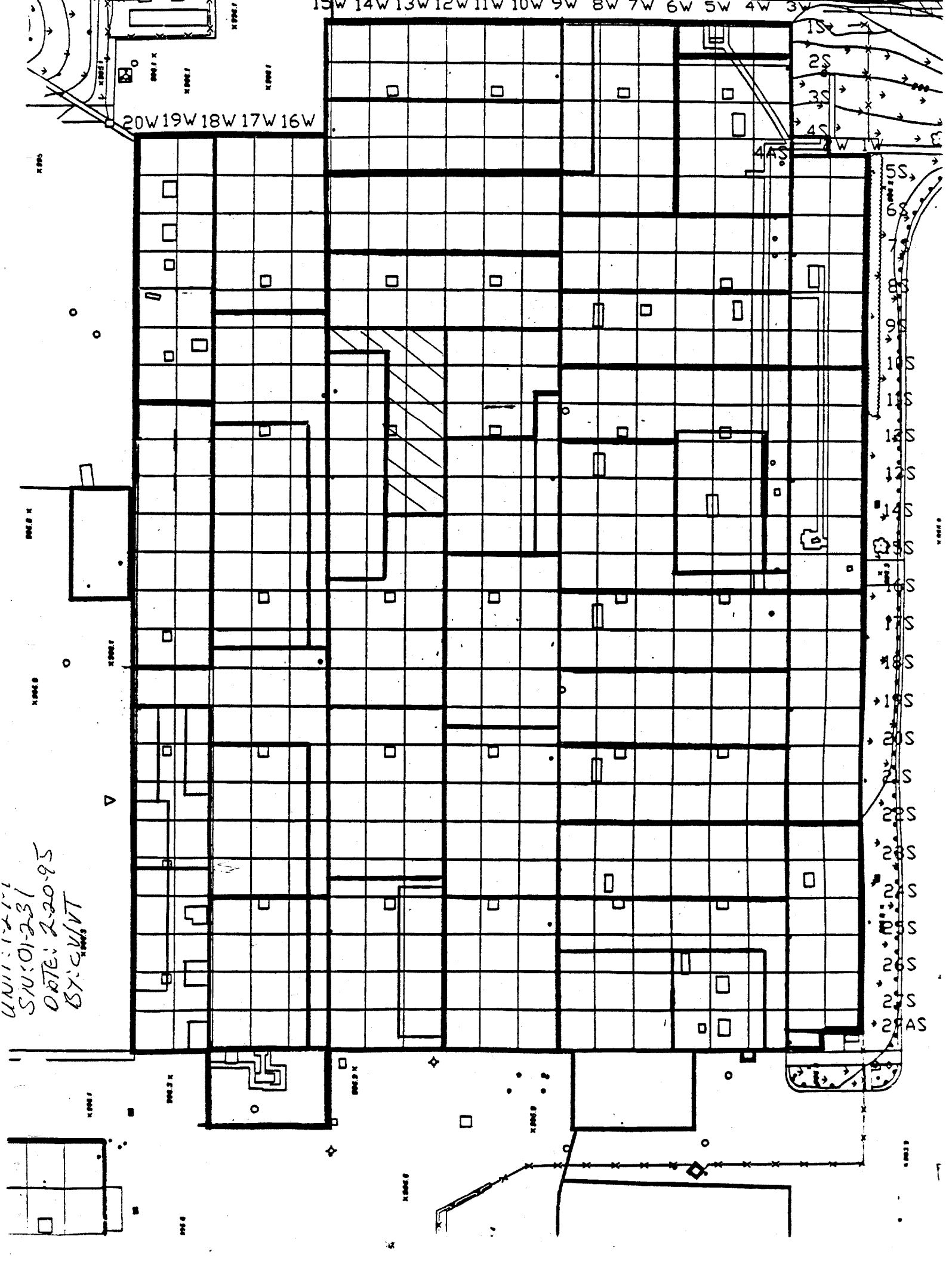
Application Revision: 3
Application Version: Standard

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 TSB 5-17-95

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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1S
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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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
PAINTED BLOCK	2	0.5	N/A	N/A	N/A	N/A	0	6	277	11	372	260	-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

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

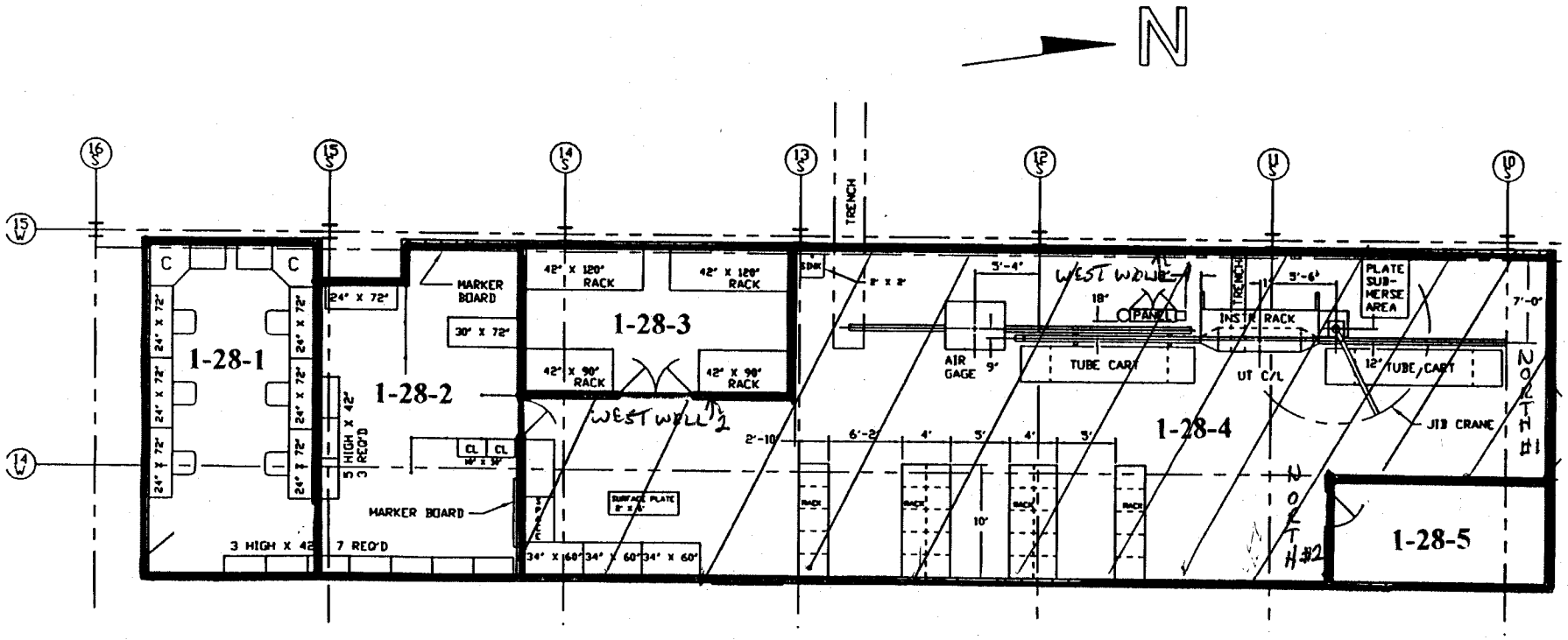
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-28-4

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	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	5/17/95 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

UNIT: 1-28-4
SN: 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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

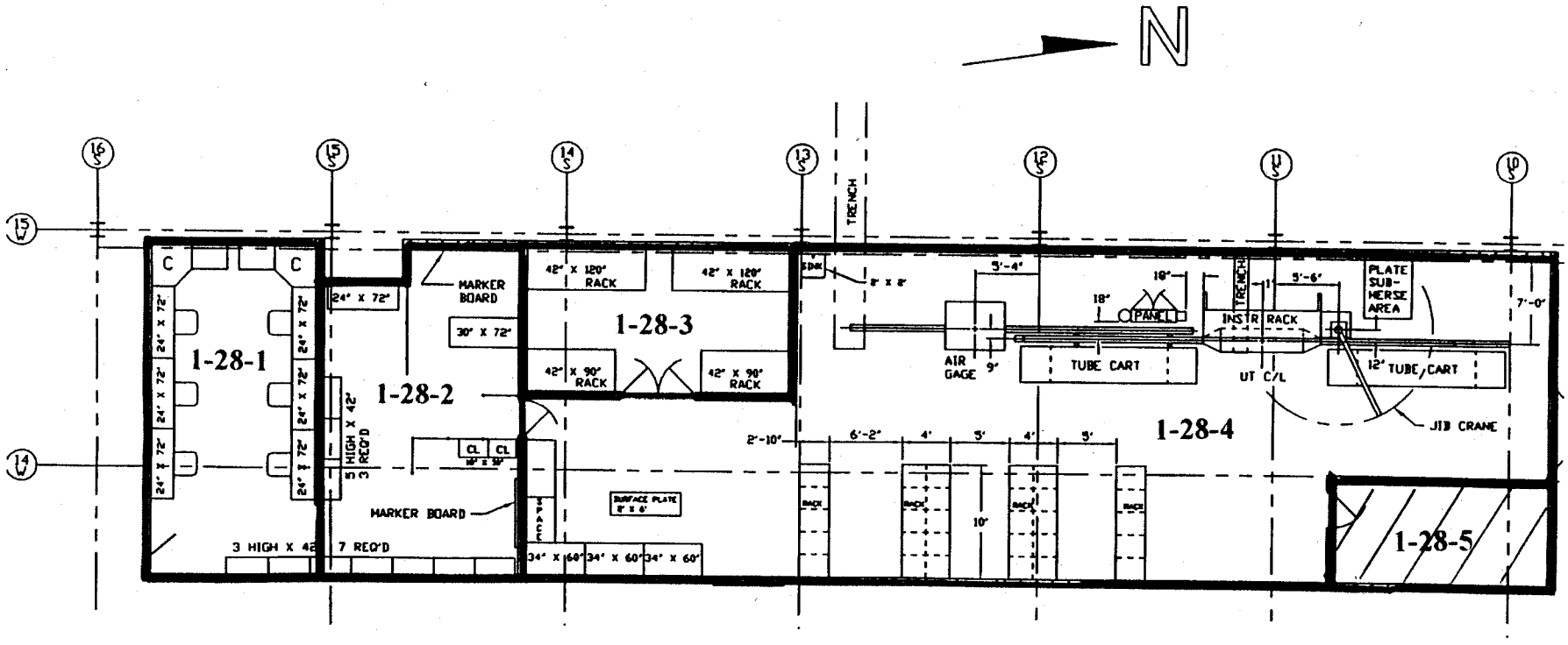
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: 38380

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

UNIT: 1-28-5
SN: 01-233
DATE: 2-20-95
BY: CUTT

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

Beta Survey Instruments

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

Gamma or Beta/Gamma Instruments

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

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:	V. Taylor/Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

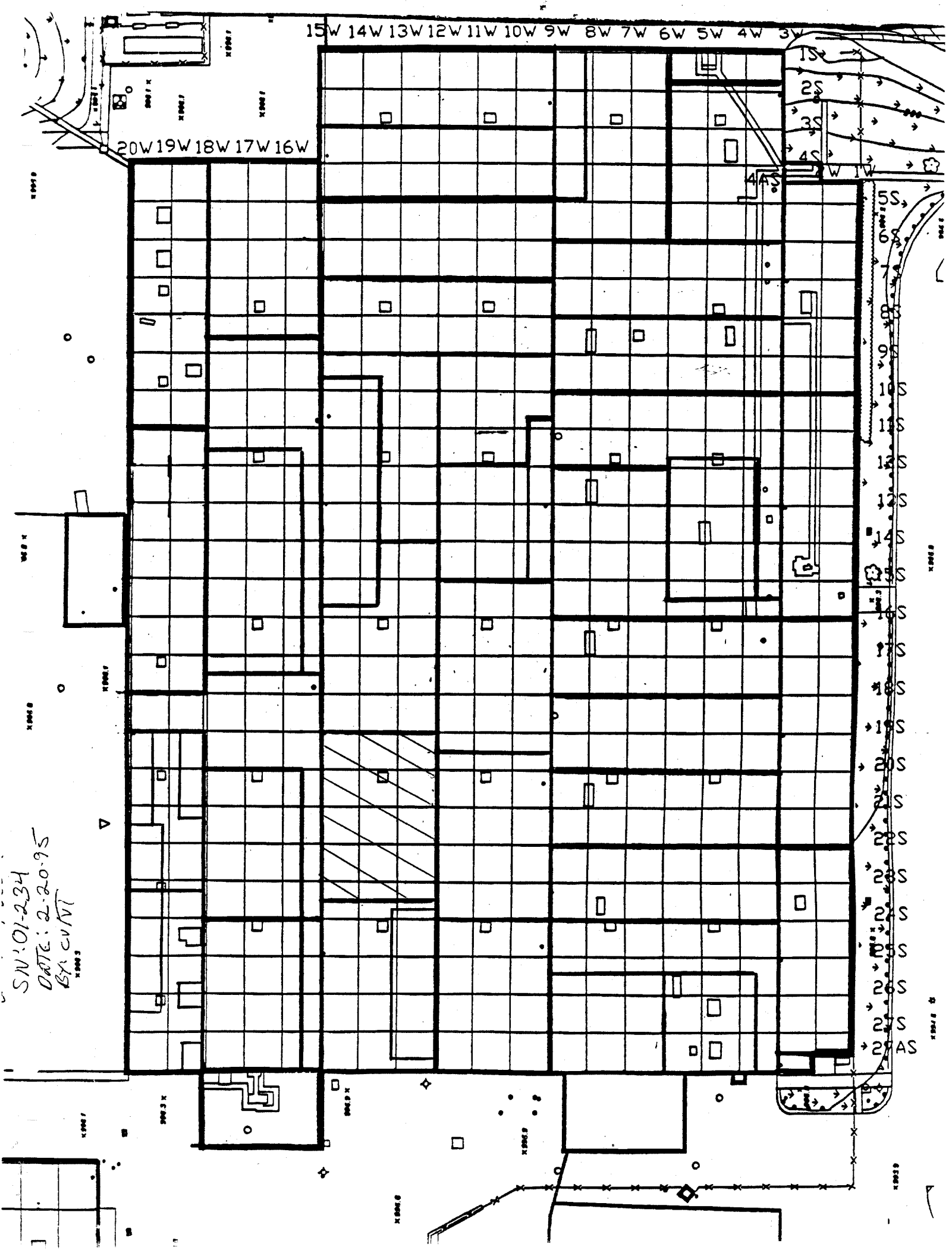
Application Revision: 3
Application Version: Standard

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 1-26-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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26S
27S
28AS
SW-01-234
DATE: 2-20-95
BY: CVNT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

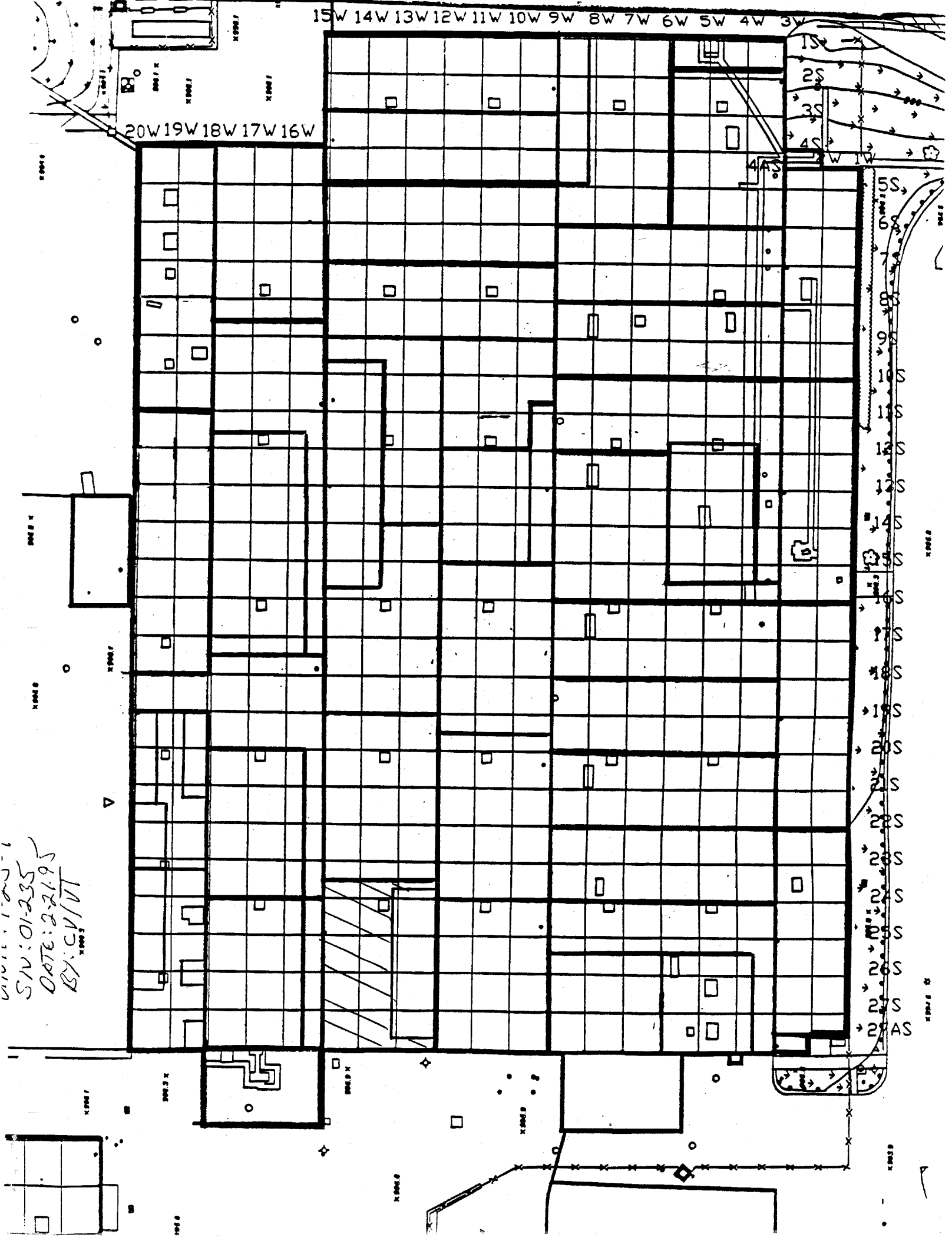
Application Revision: 3
Application Version: Standard

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 1-25-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
SW:01235
DATE:22195
BY:CV/VT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

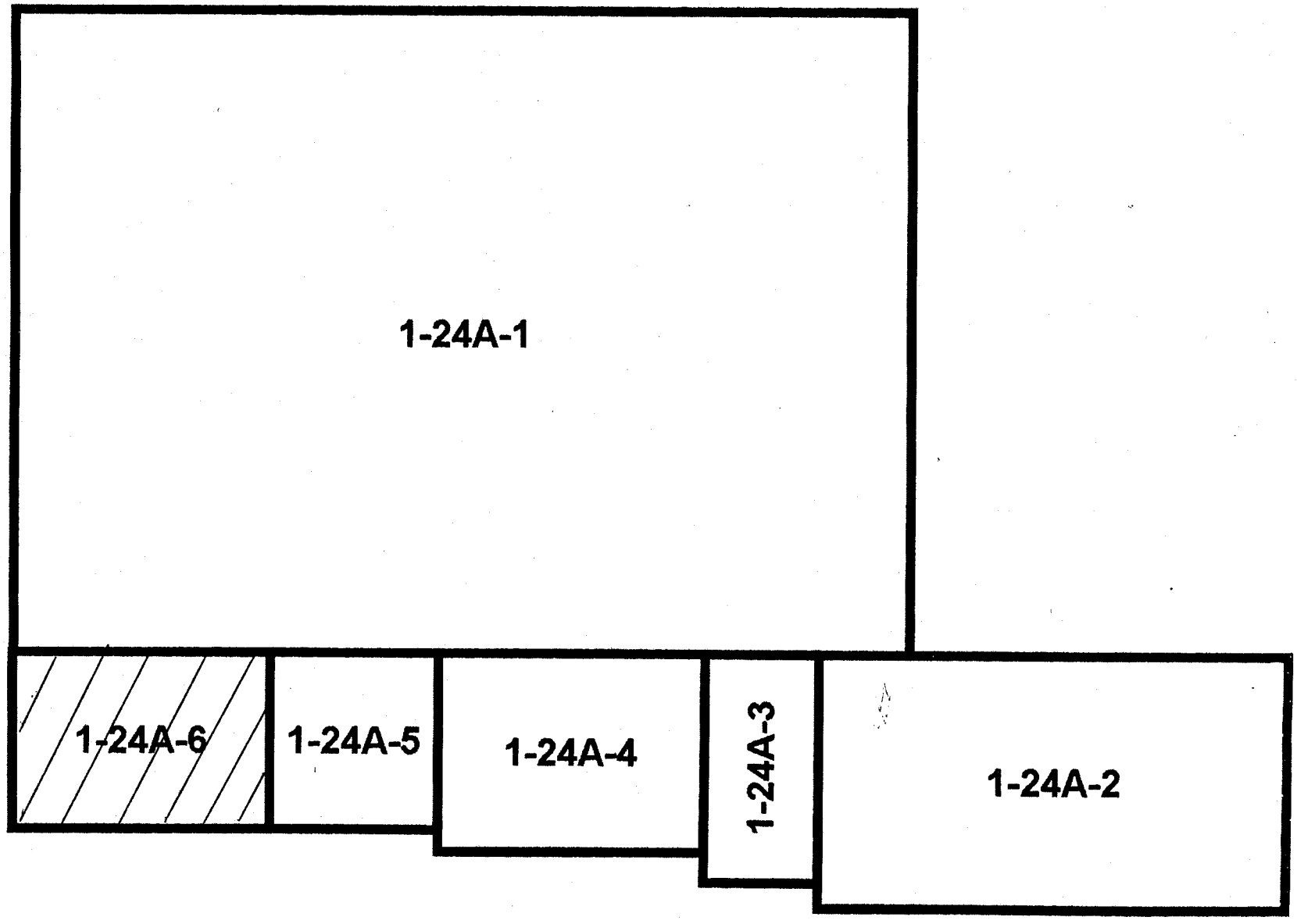
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-24A-6

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor / Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

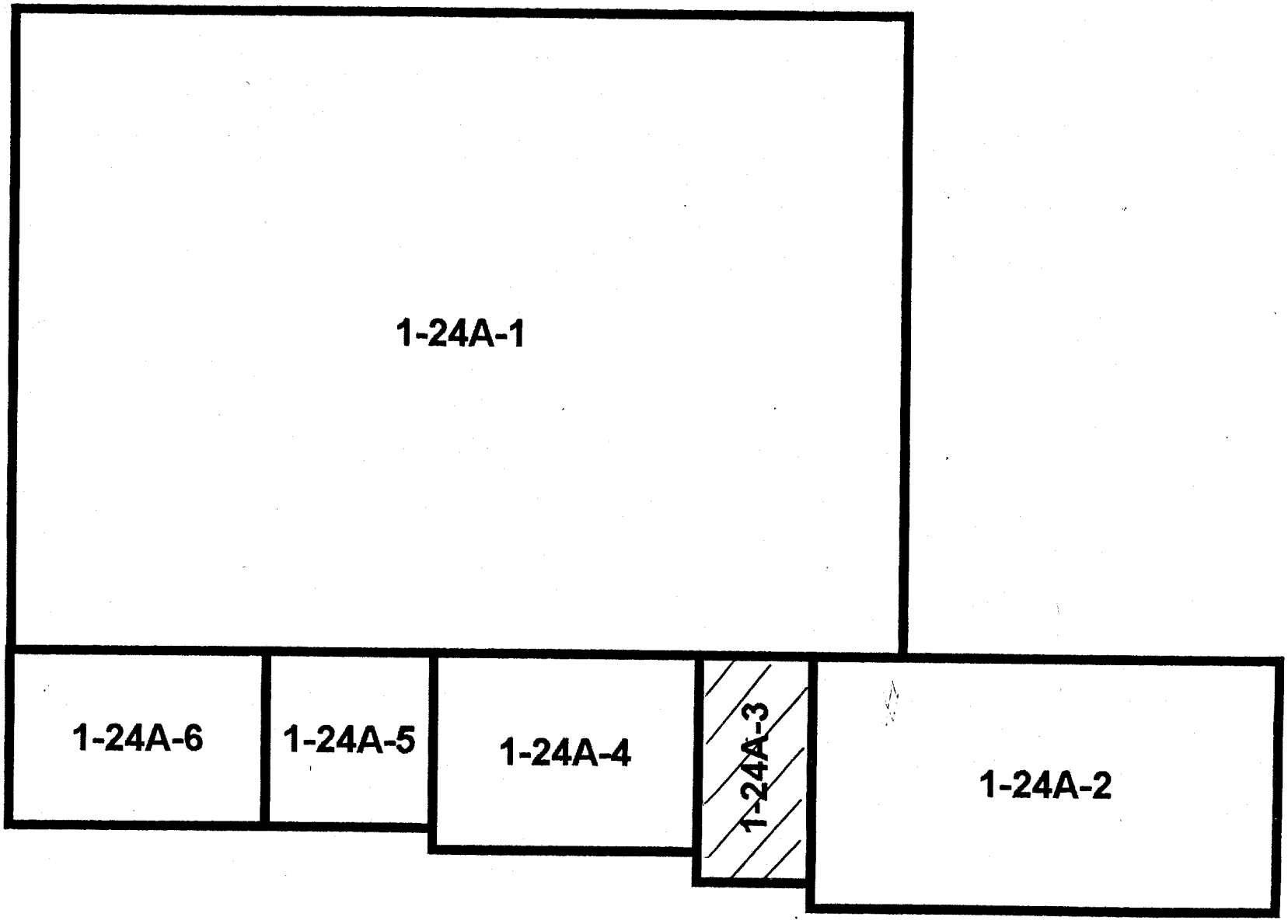
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-24A-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

UNIT: 1-24A-3
SN: 01-237
DATE: 2-21-95
BY: CVIVT

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

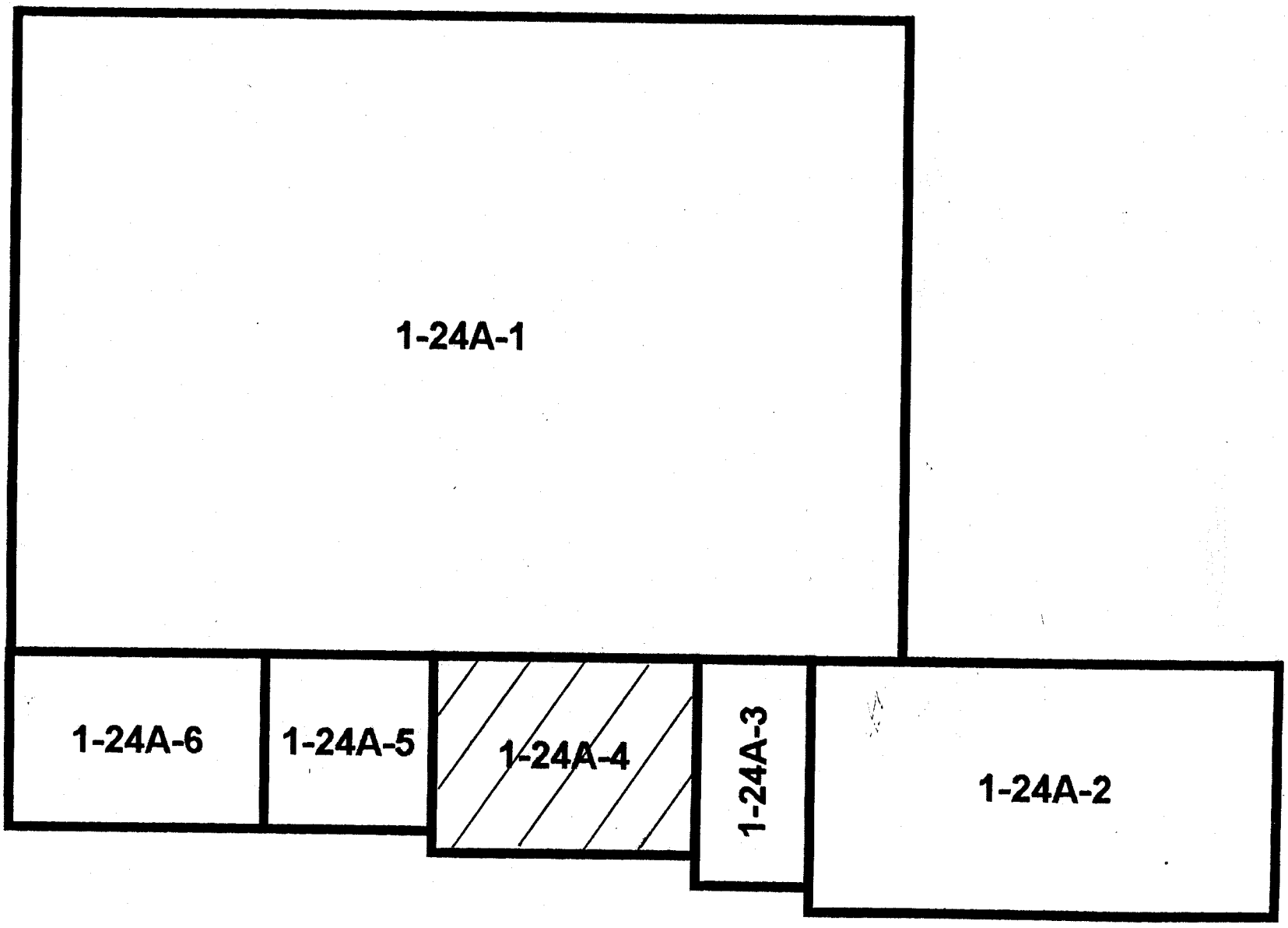
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-24A-4

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	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

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. 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	308

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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

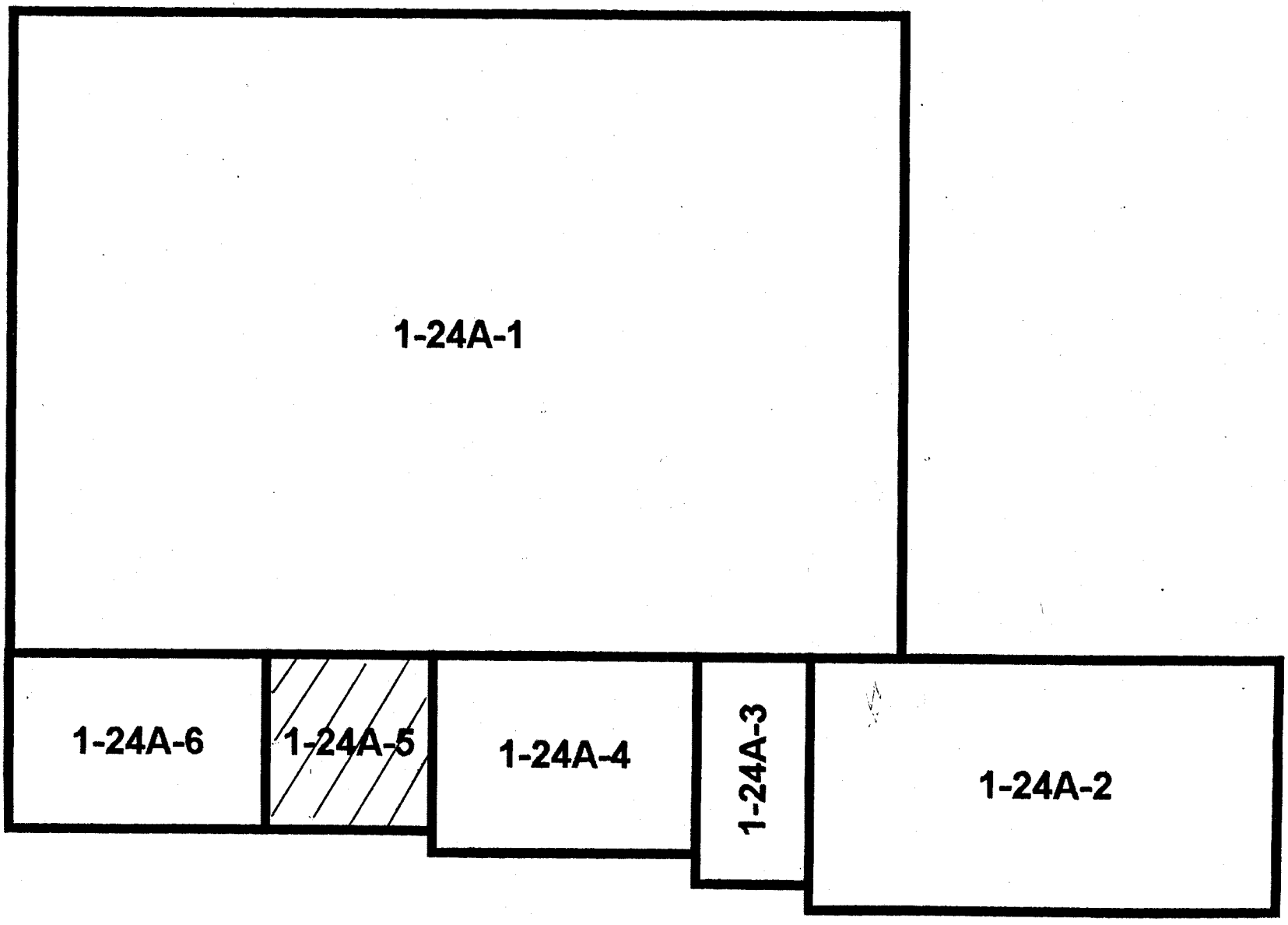
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-24A-5

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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. 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	236

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

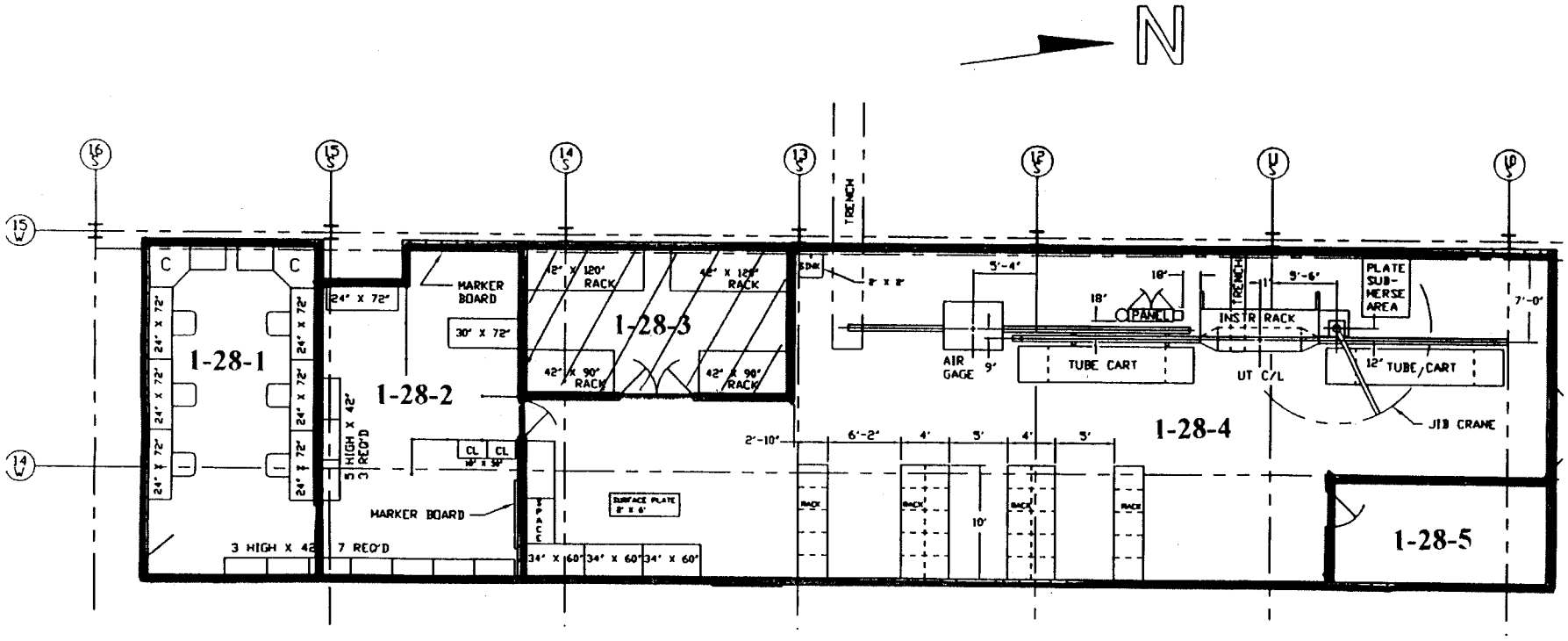
Inst. S/N	Inst. Code	Bkg.	Detection Type

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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: 01-240
DATE: 2-21-95
BY: CVITI

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

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 1-28-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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

Beta Survey Instruments

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

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

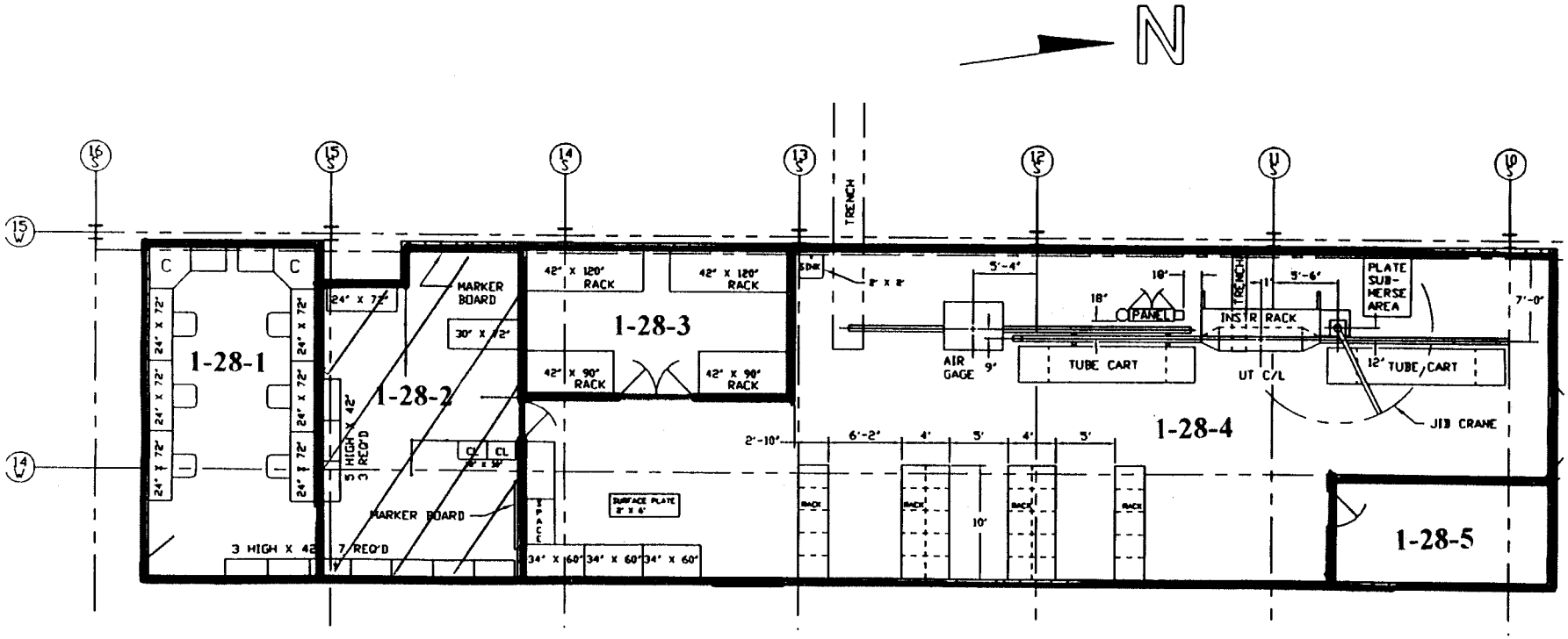
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

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

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

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

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 1-28-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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. 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	181

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

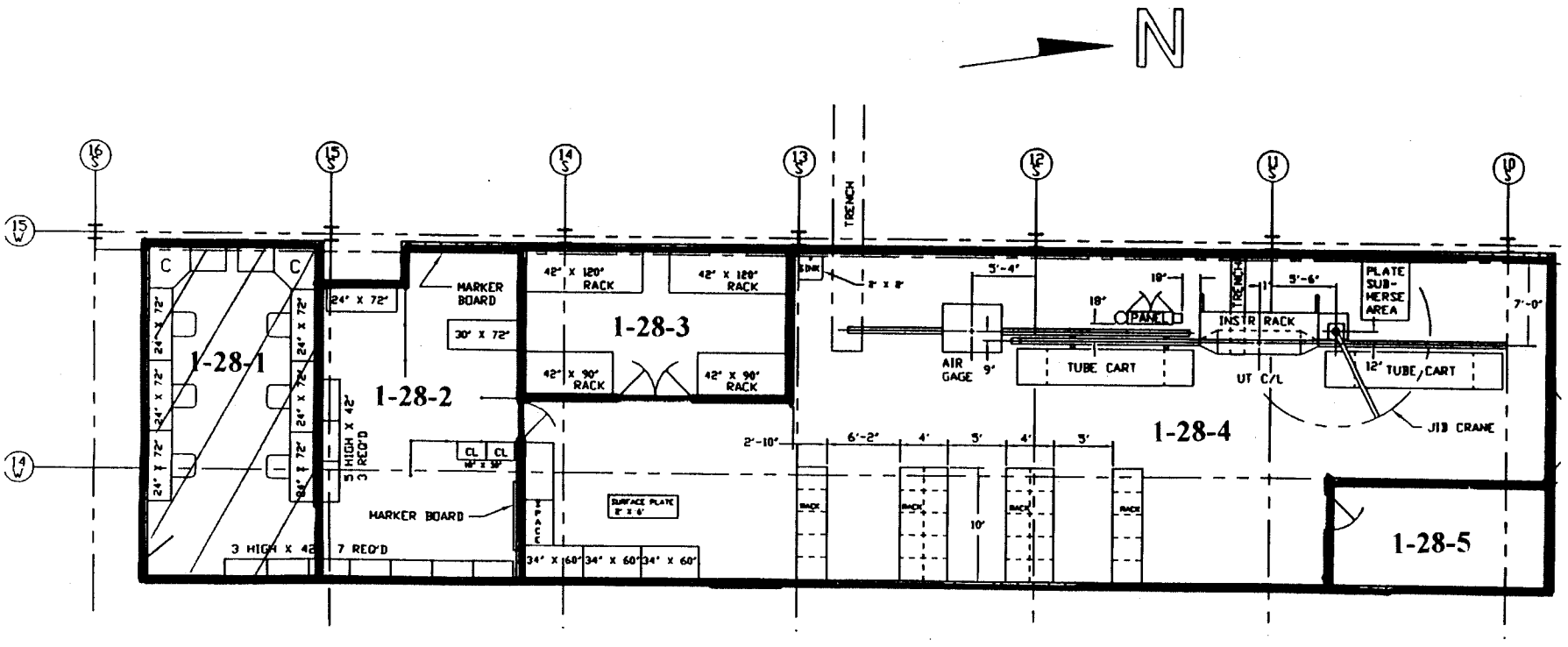
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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	0.76	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

UNIT: 1-28-1
SN: 01242
DATE: 2-21-95
BY: VT/CV

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\B01-242.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

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 1-28-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor / Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

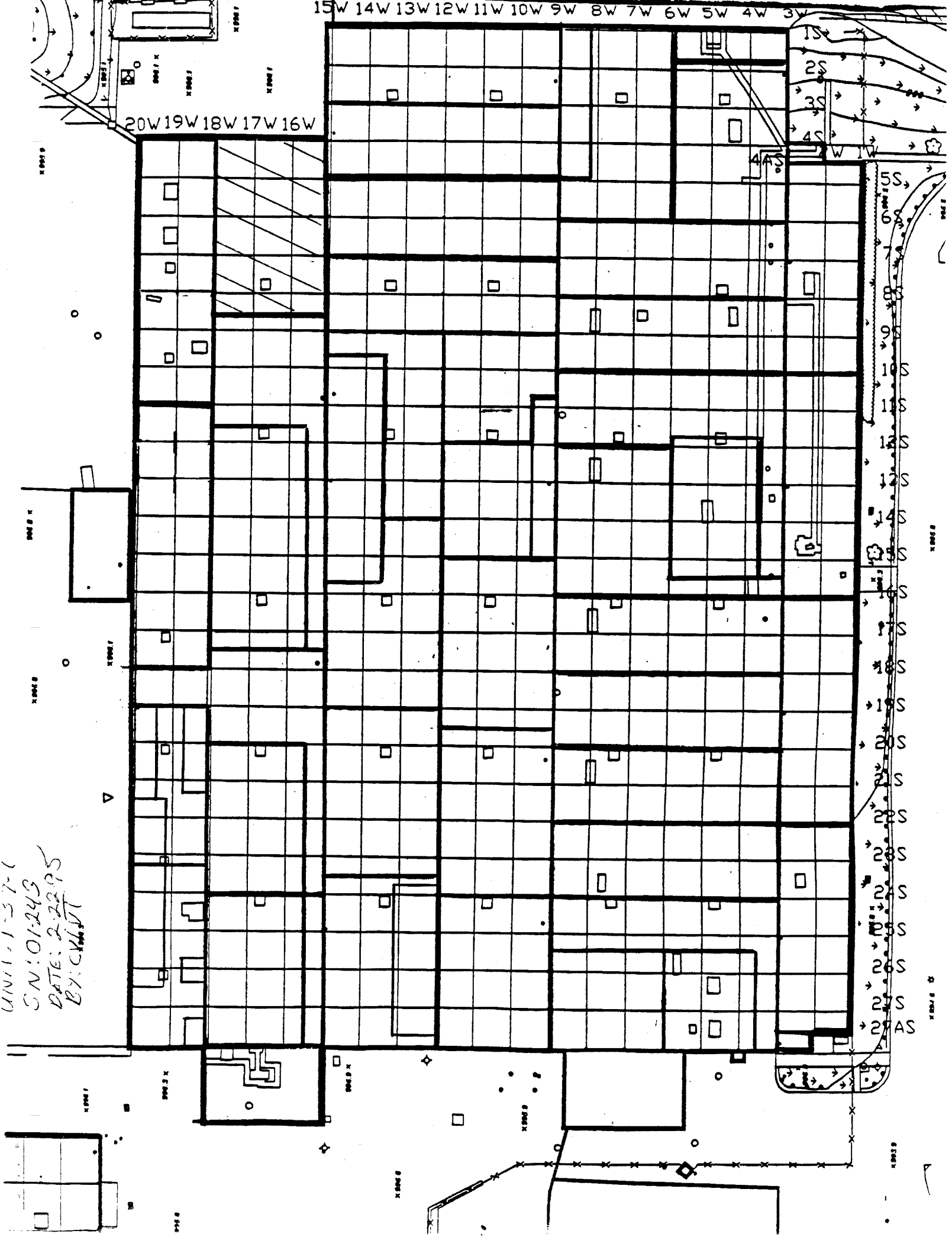
Application Revision: 3
Application Version: Standard

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 1-39-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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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27AS

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

Beta Survey Instruments

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

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/ C. VERGARI
Signature:	V. Taylor / Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

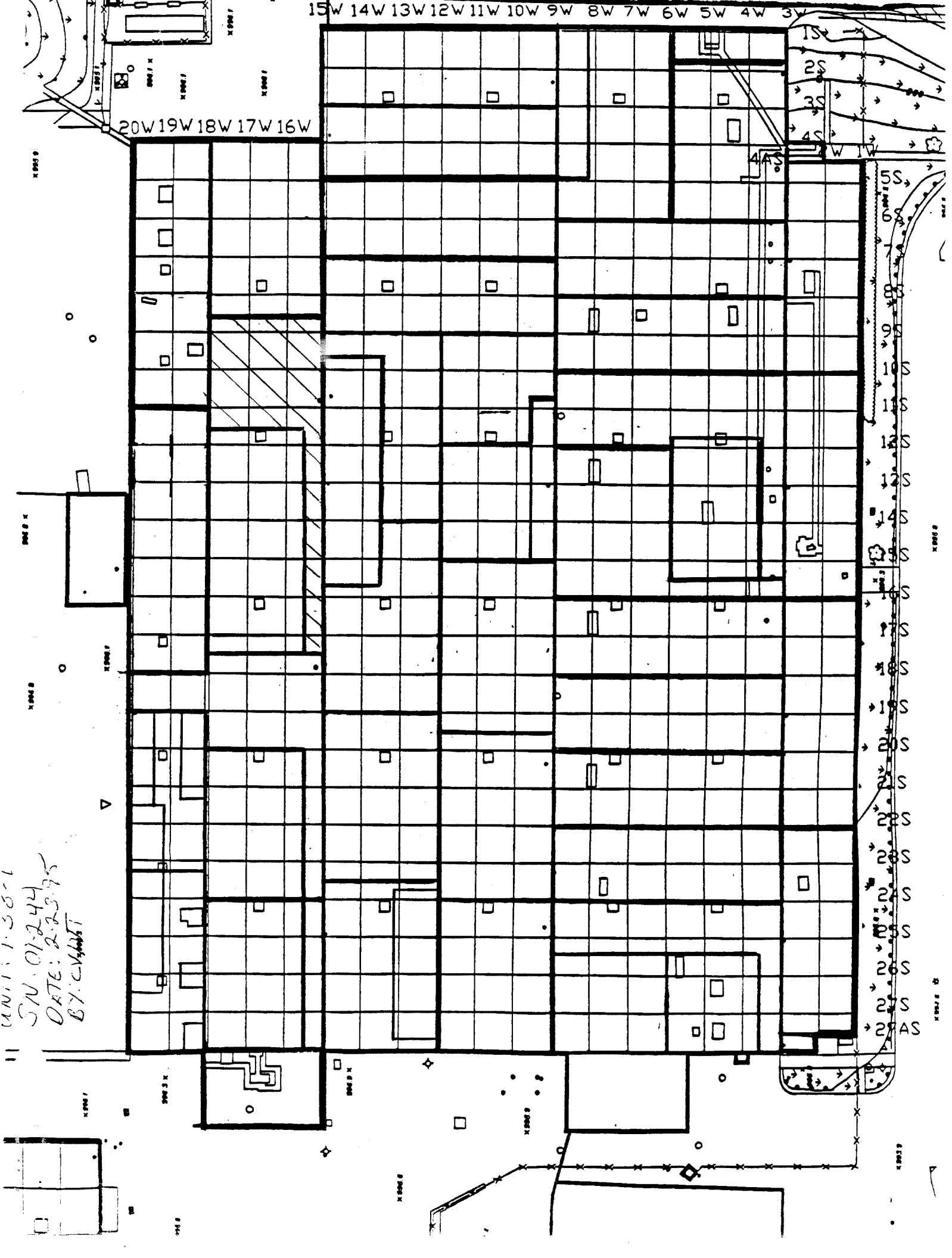
Application Revision: 3
Application Version: Standard

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 1-38-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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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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. 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	219

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

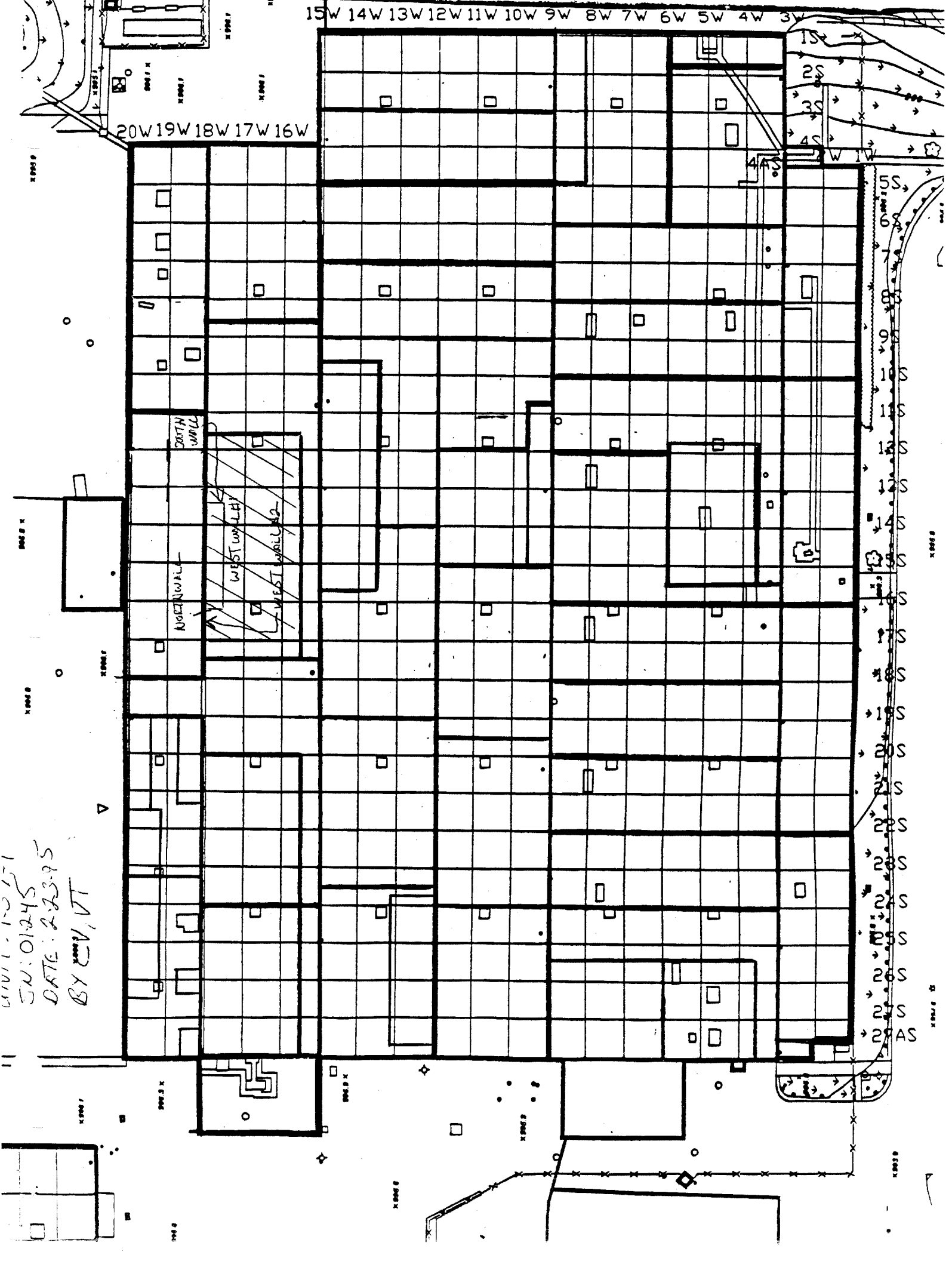
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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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12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
NORTH WALL
WEST WALL
WEST WALL #2

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

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 1-37-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

Beta Survey Instruments

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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

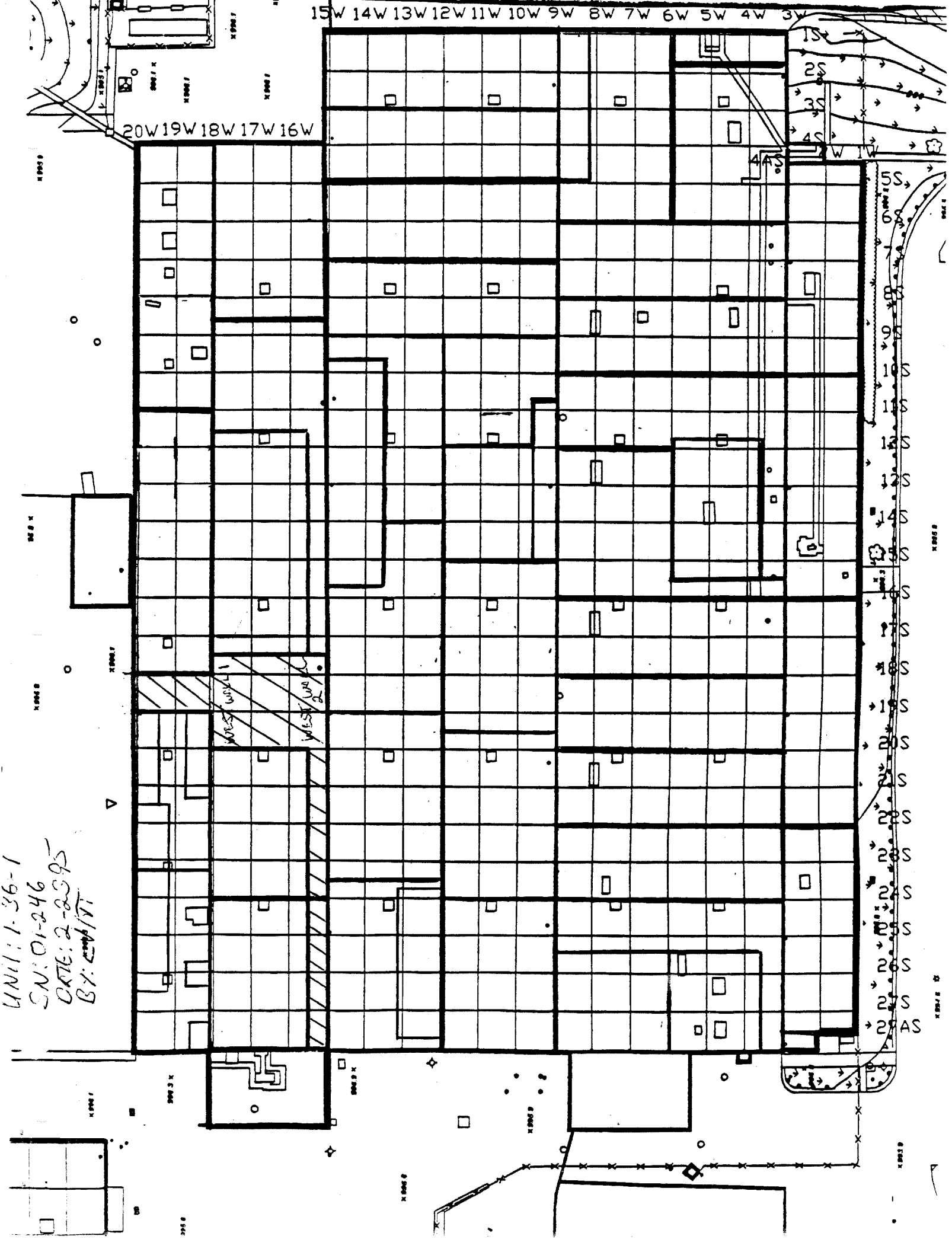
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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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19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
WEST WALL 1
WEST WALL 2
UNIT: 1-36-1
SN: 01-246
DATE: 2-23-95
BY: EMPIRE

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

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 1-36-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

Blairsville Point Survey Form #003

Survey Serial #:	01-247

Survey Section:	1
Survey Unit:	35A
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	1

Beta Survey Instruments

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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

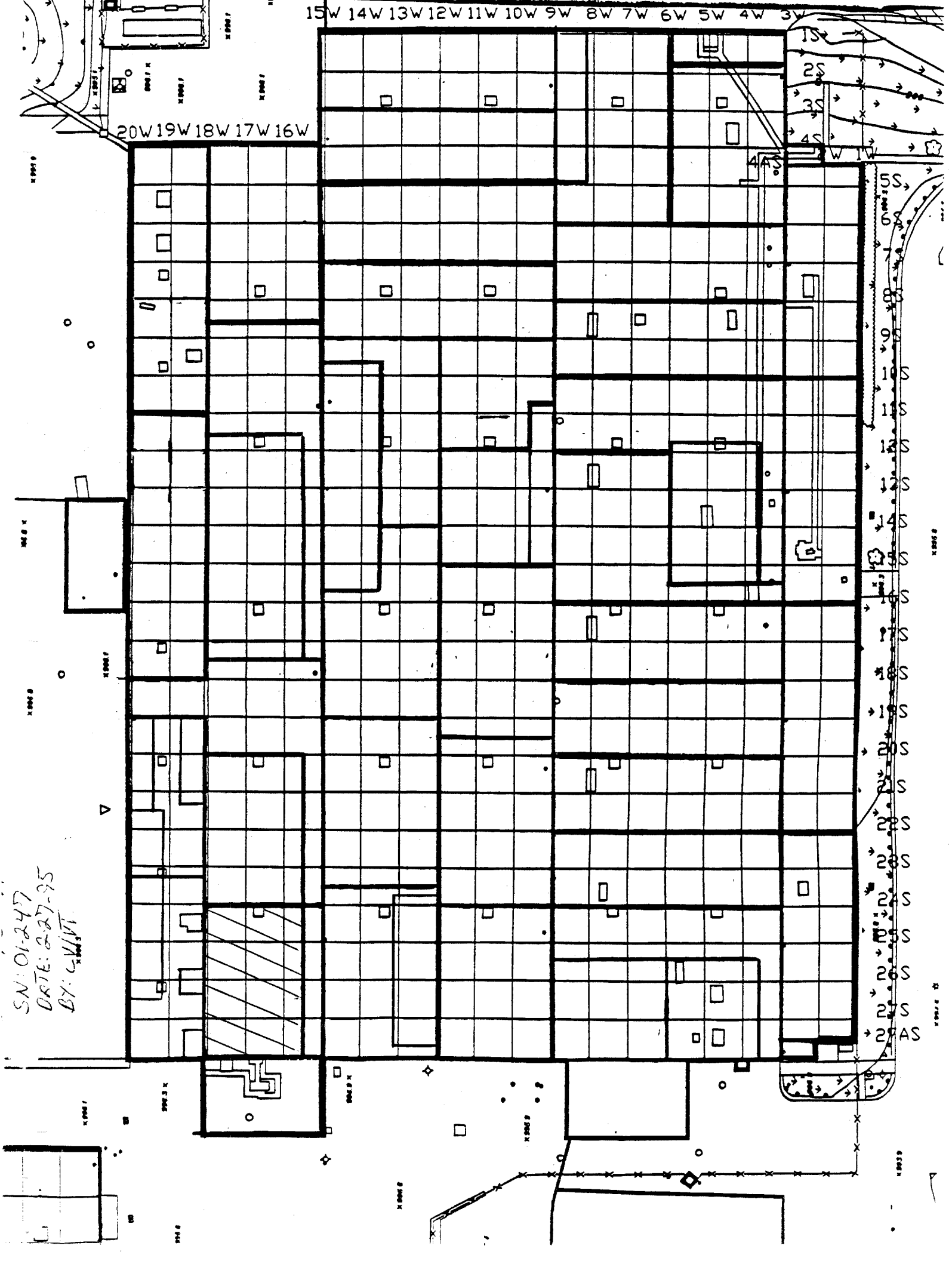
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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



SN: 01-247
DATE: 2-27-25
BY: MM

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	1

Beta Survey Instruments

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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

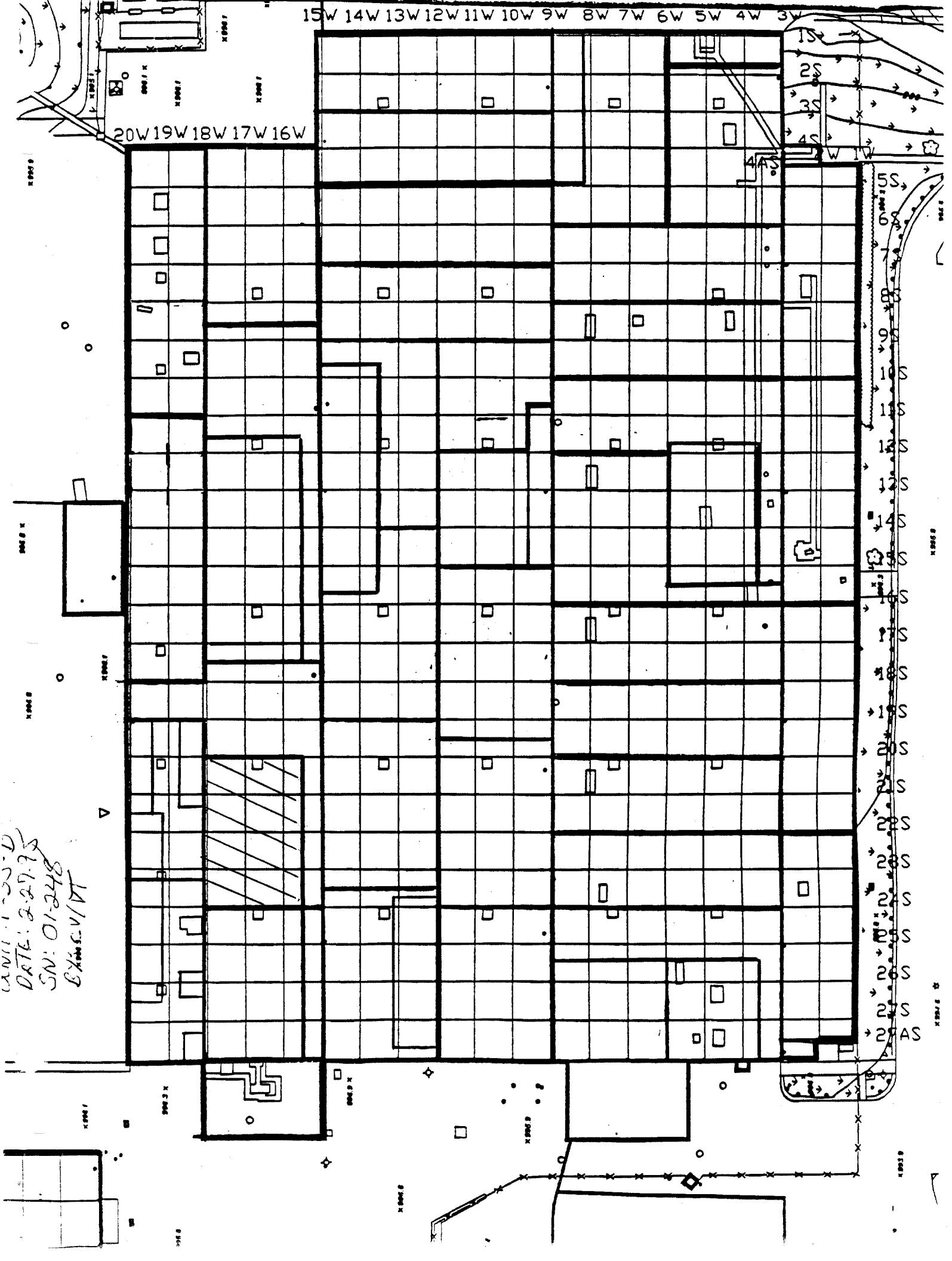
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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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20W 19W 18W 17W 16W
1S
2S
3S
4S
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5S
6S
7
8
9
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS

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

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 1-35B-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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

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	260

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

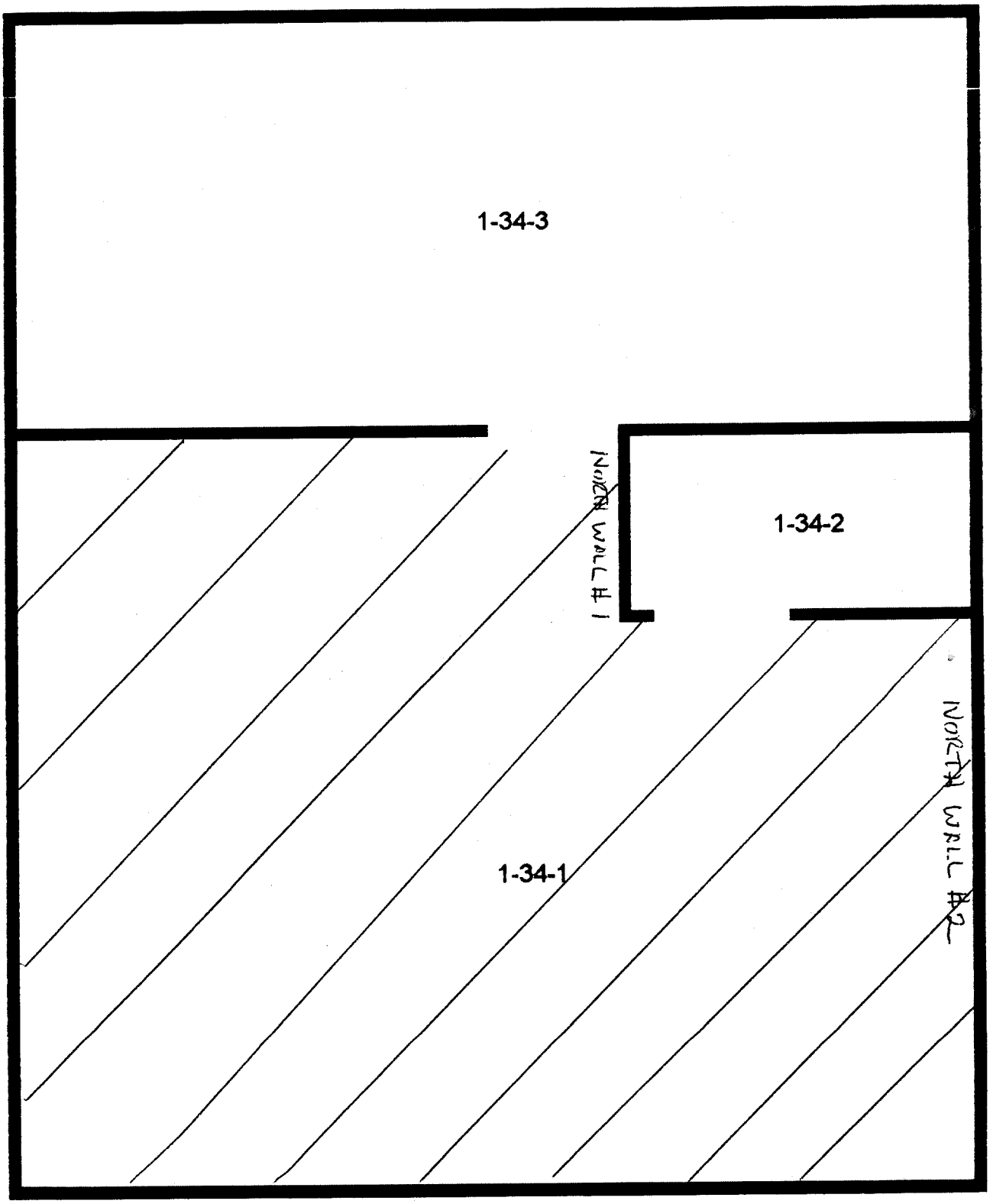
Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Beta Survey Instruments

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

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

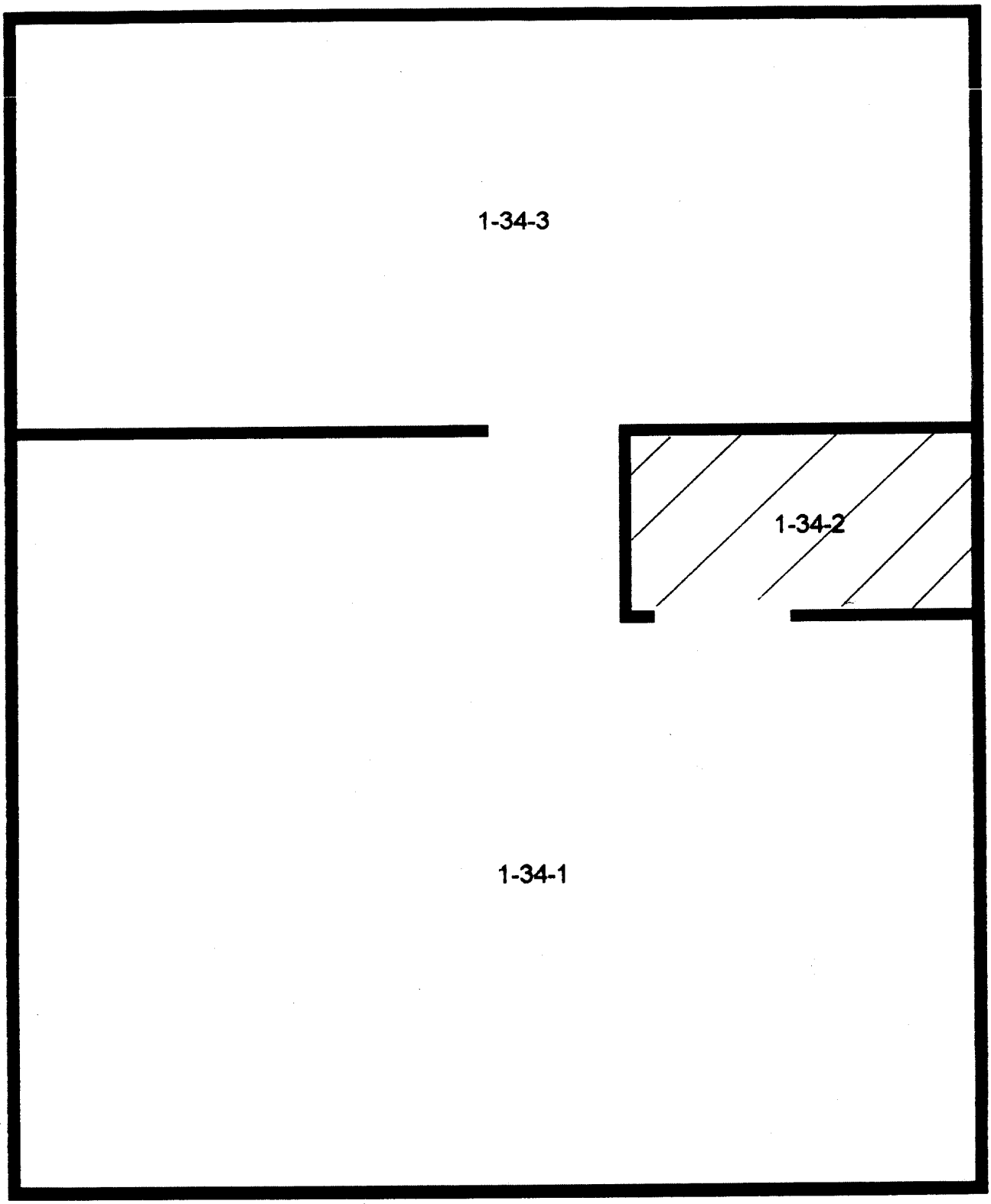
Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	V. Taylor C. Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
SIV: 01-250
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\B01-250.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

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 1-34-2

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	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

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

Beta Survey Instruments

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

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

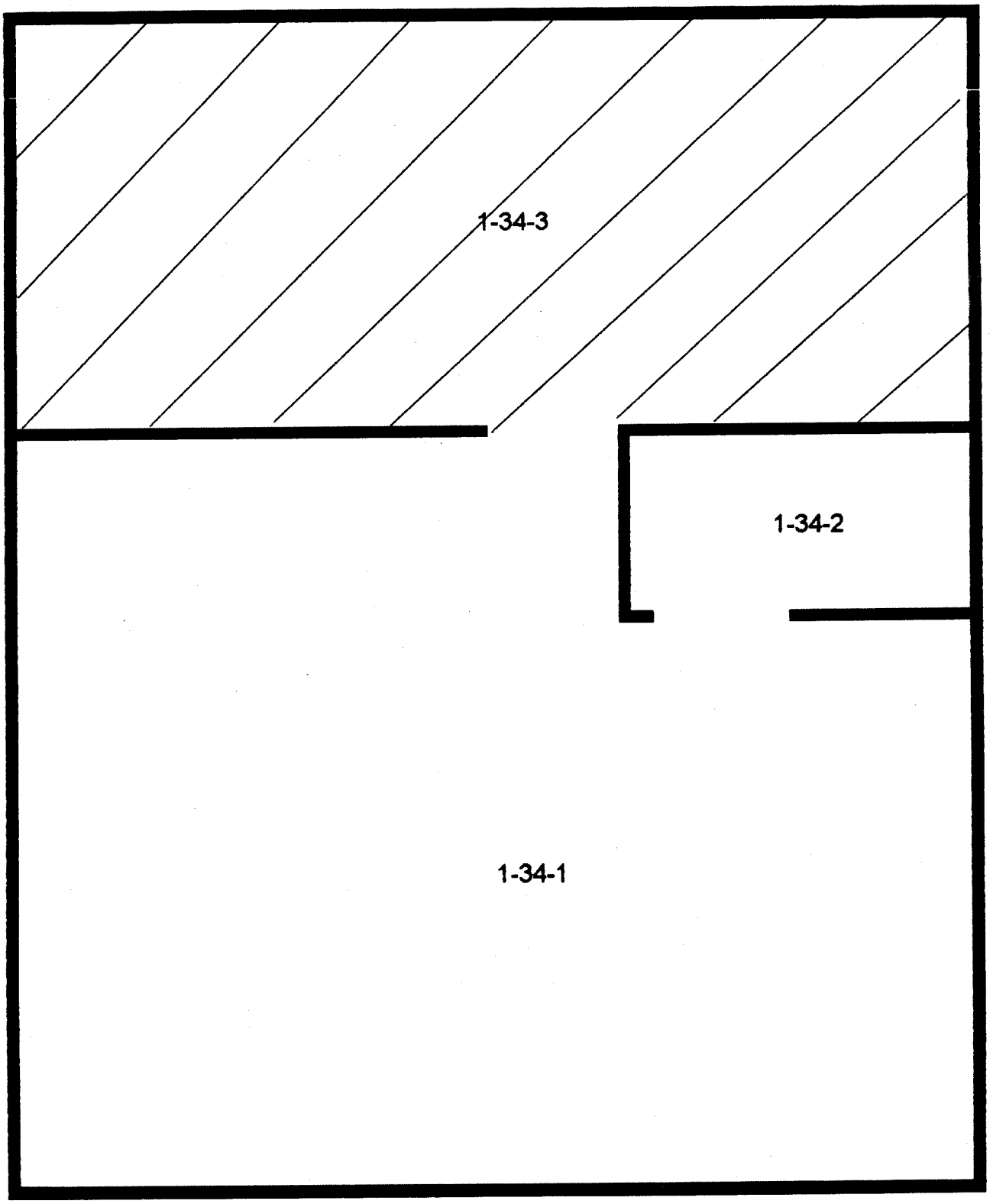
Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	V. Taylor / Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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/DT

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	2

Beta Survey Instruments

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

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

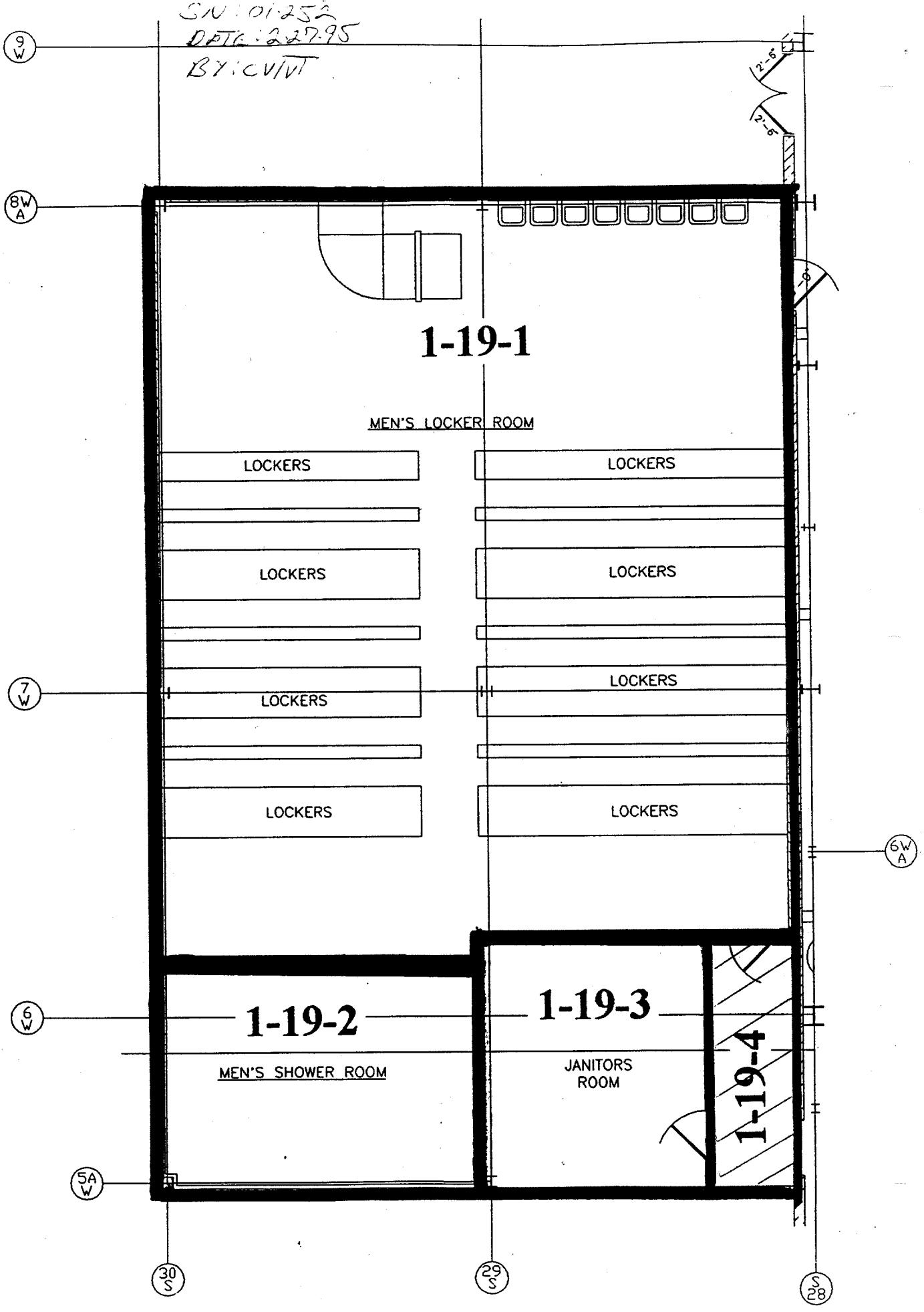
Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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: 01252
DATE: 2.27.95
BY: CVINT



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

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 1-19-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	478

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

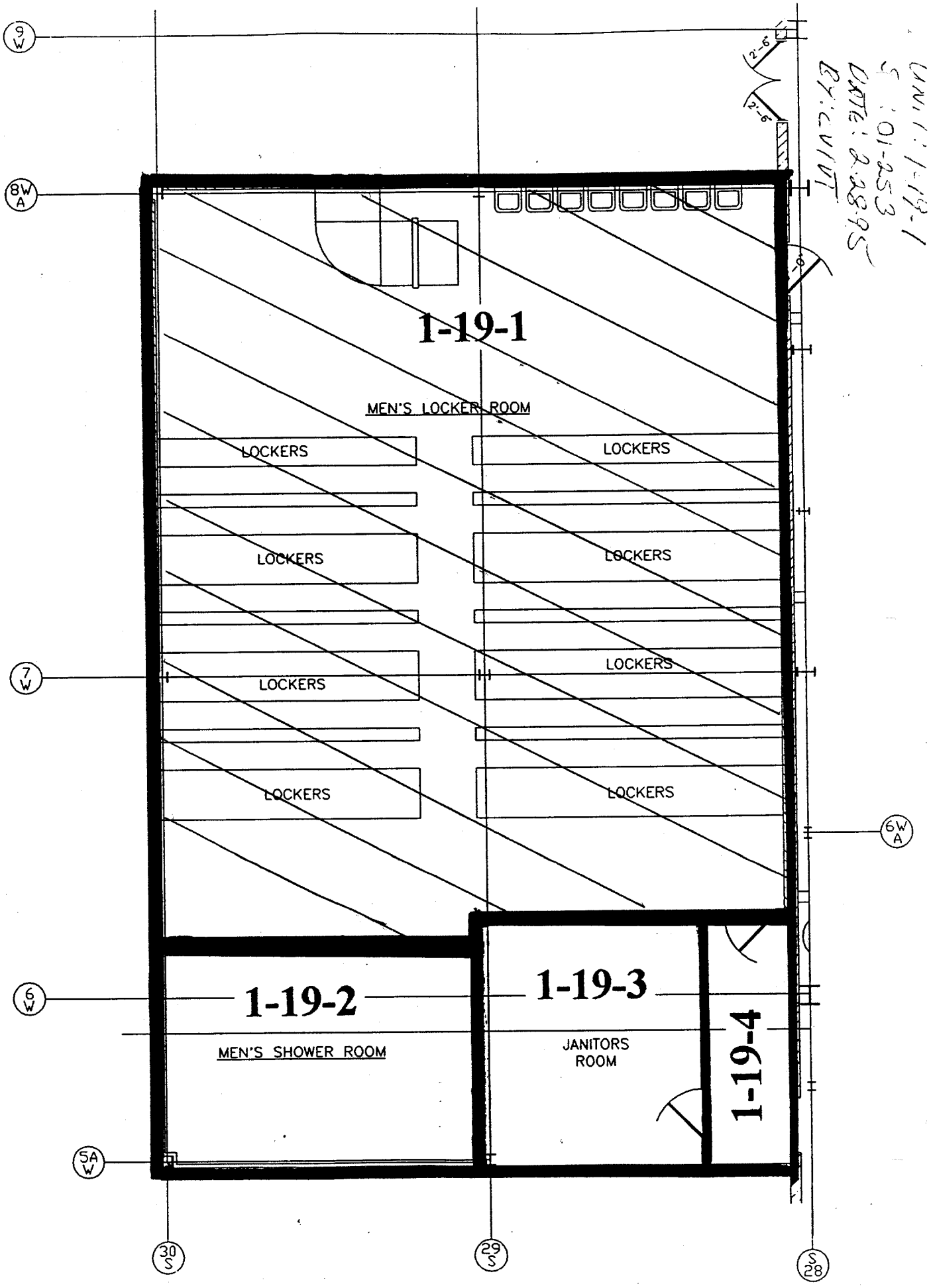
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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


9 W
8W A
7 W
6 W
6W A
5A W
30 S
29 S
S 28
2'-6"
2'-6"
6'-0"
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

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

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 1-19-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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

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. 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	540

Beta Counting Instruments

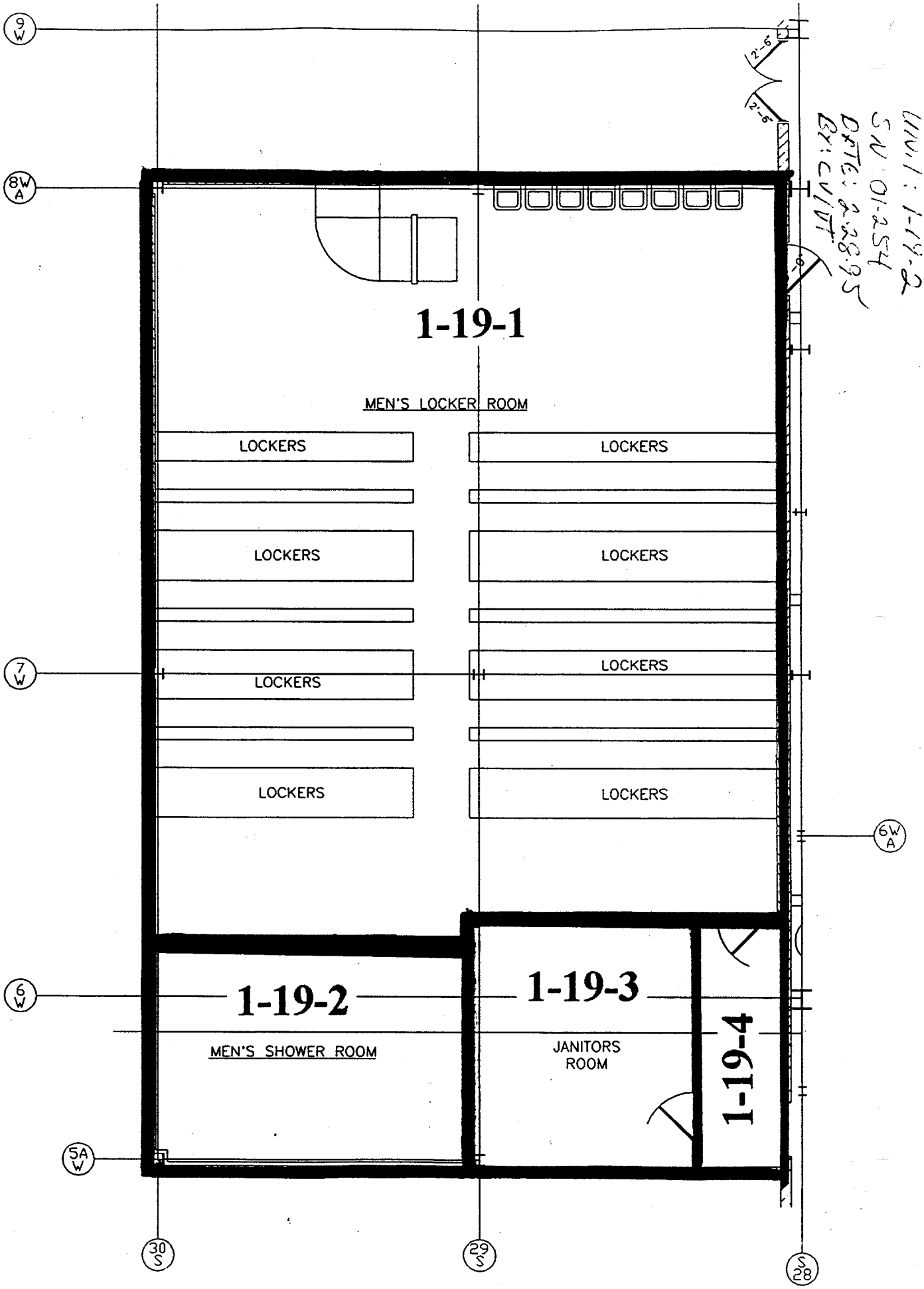
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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


9 W
8W A
7 W
6W A
6 W
5A W
30 S
29 S
S 28
2'-6"
2'-6"
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

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

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 1-19-2

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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

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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

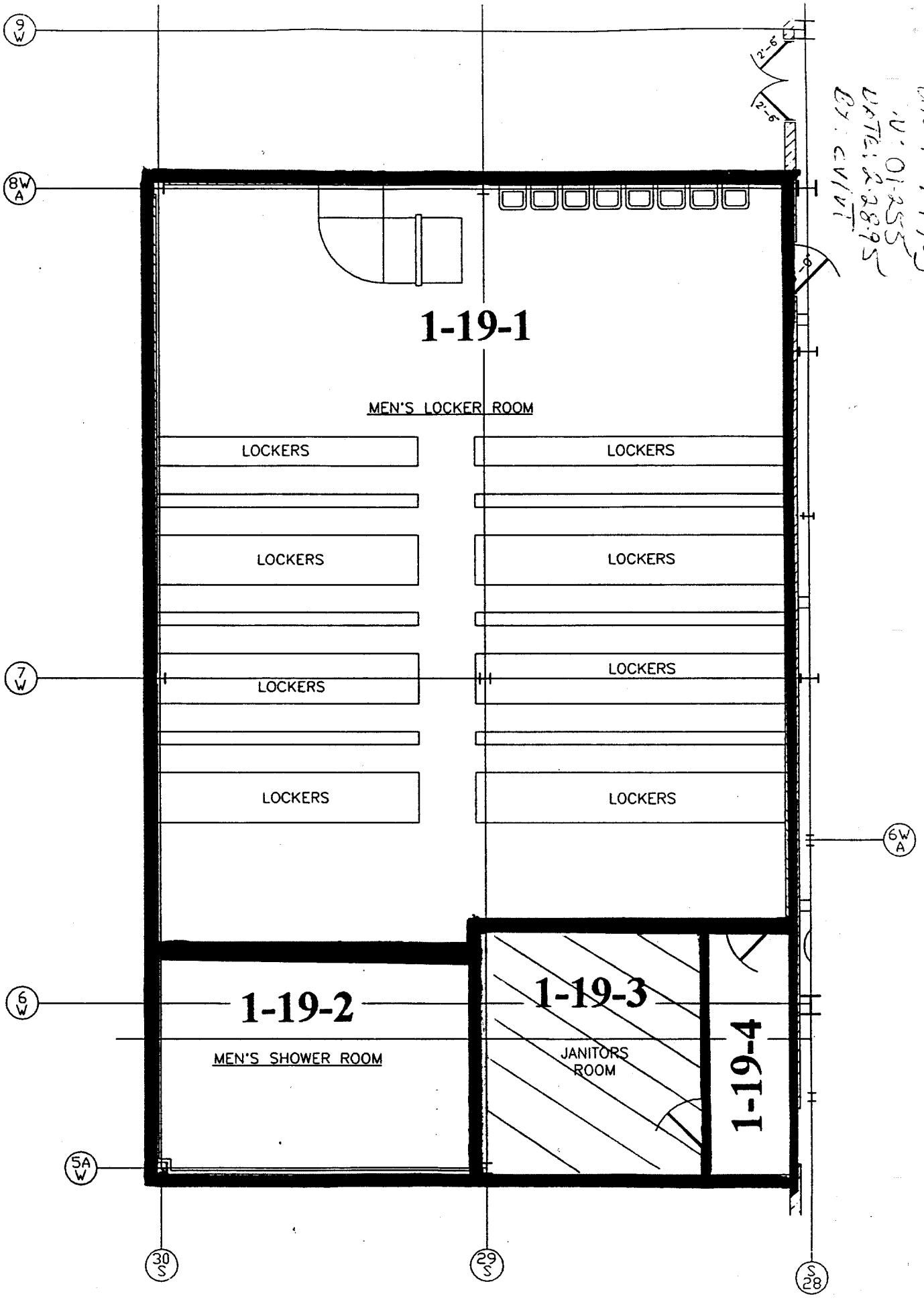
Application Revision: 3
Application Version: Standard

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 1-19-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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


9W
8WA
7W
6W
6WA
5AW
30S
29S
S28
2'-6"
2'-6"
2'-6"
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

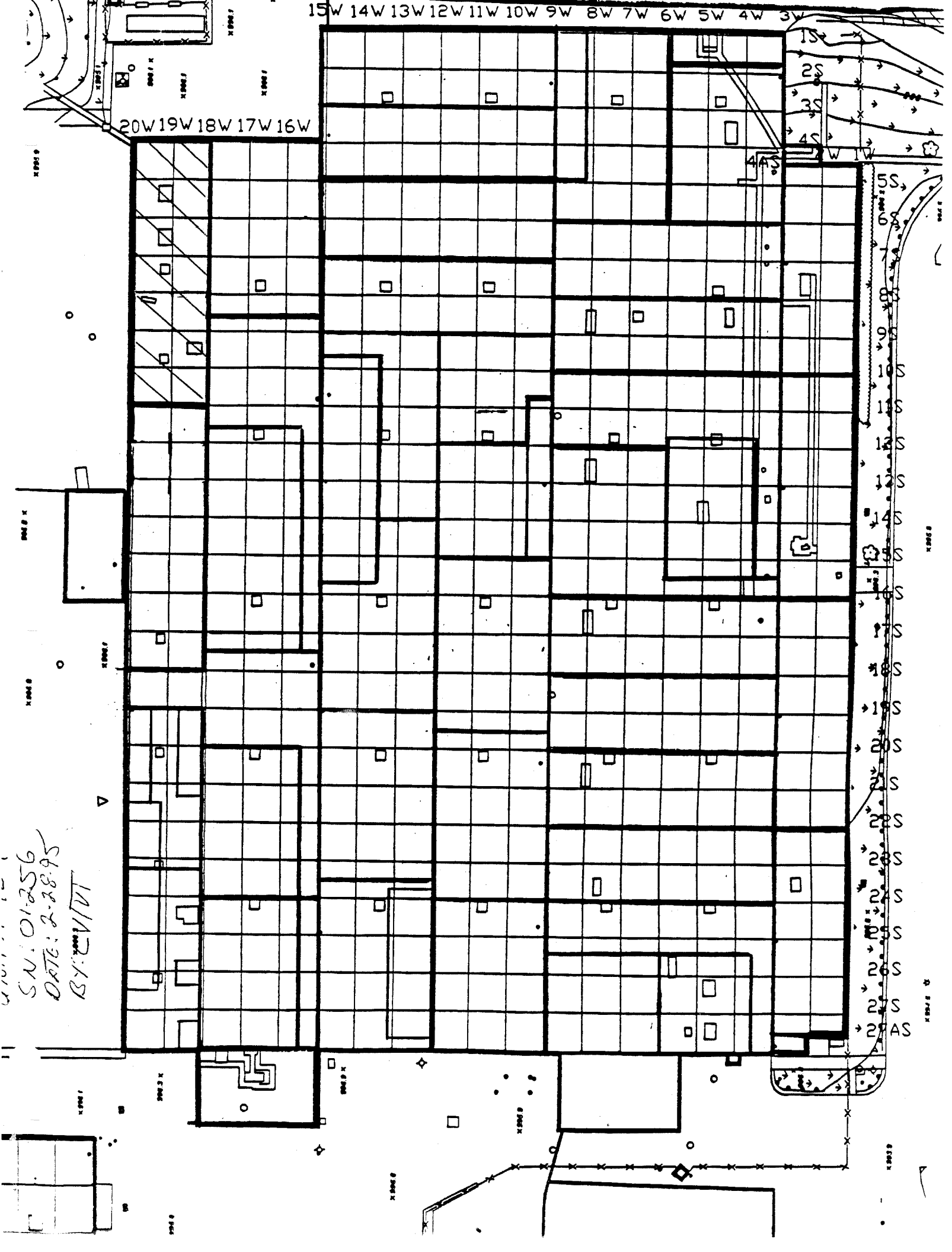
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.06	2.70	1.88

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 X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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



SN: 01-256
DATE: 2-28-95
BY: EVIT

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

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 1-43-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

Blairsville Point Survey Form #003

Survey Serial #:	01-257

Survey Section:	1
Survey Unit:	41
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
1510	6	21.4	4.67	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	164

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

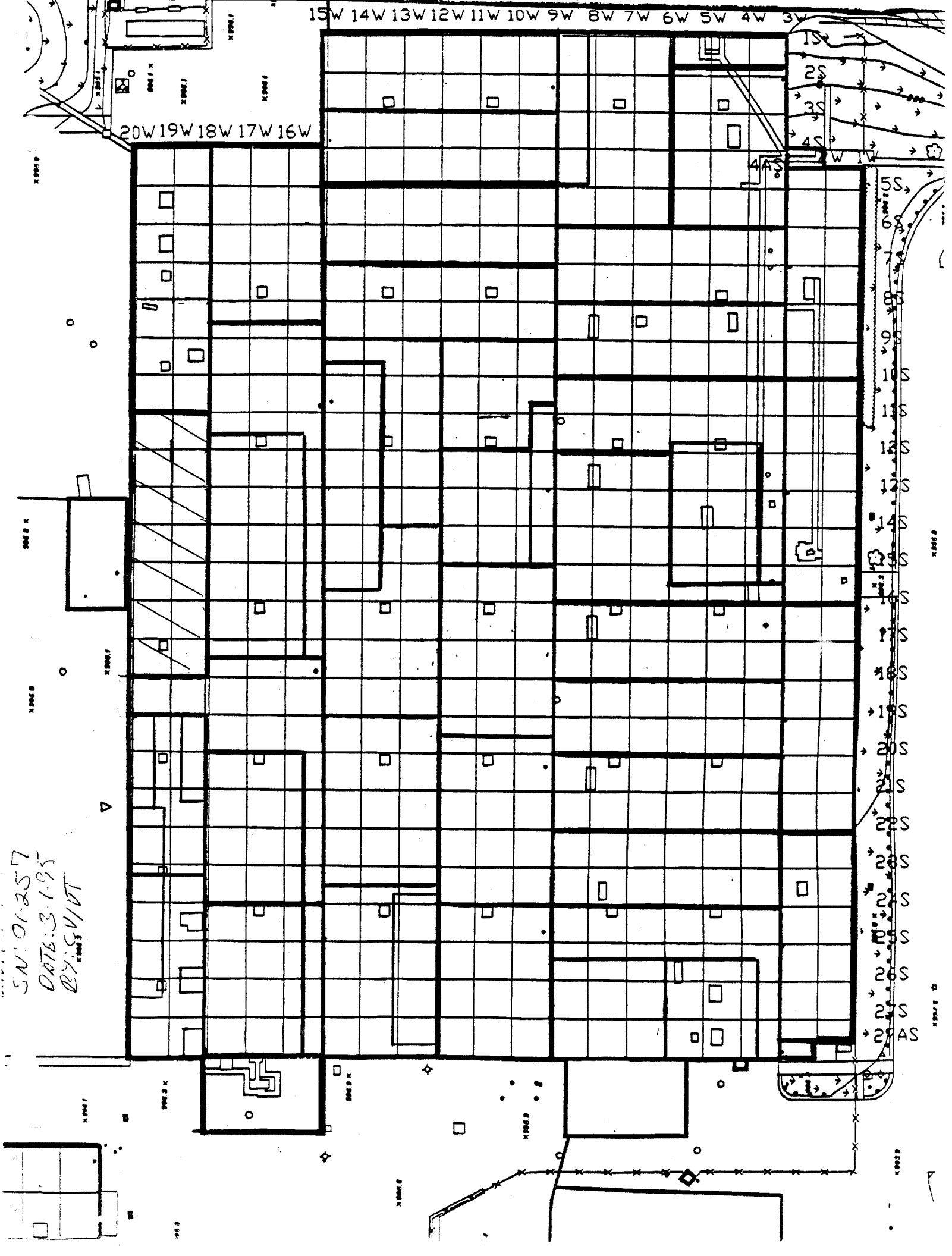
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
1S
2S
3S
4S
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7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS

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

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 1-41-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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. 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	476

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

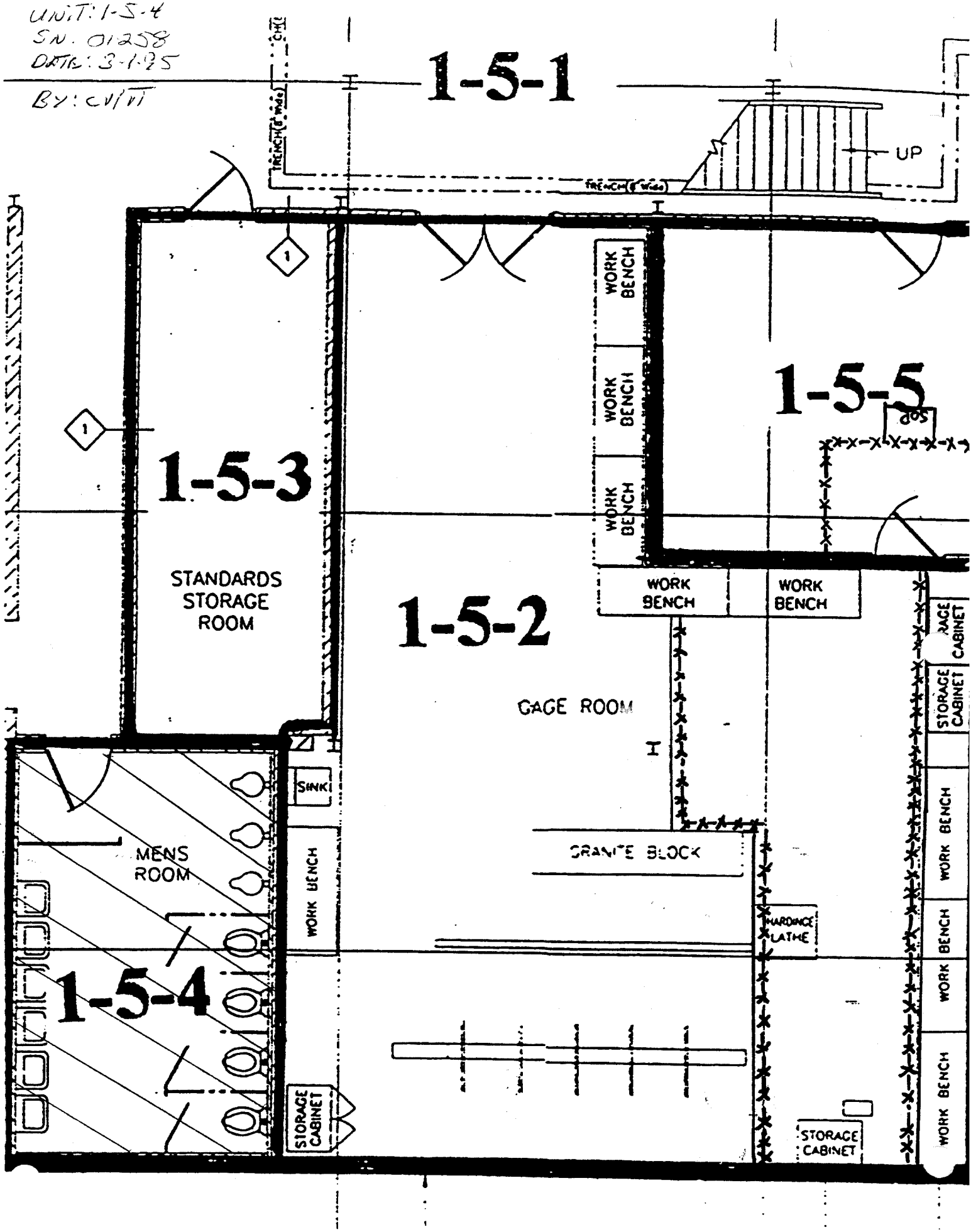
Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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/VT



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

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	285

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/ C. VERGARI
Signature:	V. Taylor / Carmen Vergara

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	285

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

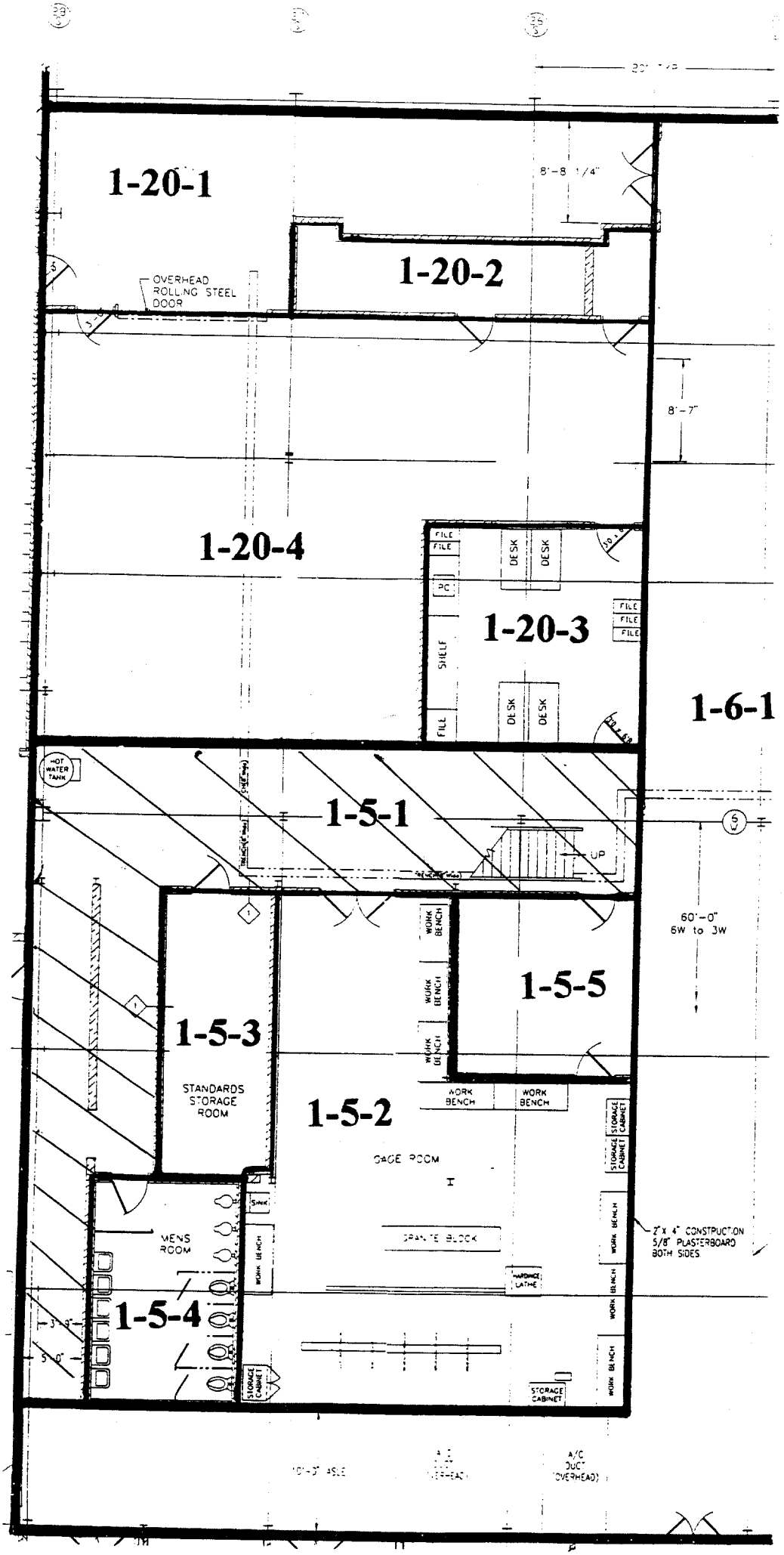
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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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1-5-1
1-5-5
1-5-3
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1-5-4
8'-8 1/4"
OVERHEAD ROLLING STEEL DOOR
8'-7"
FILE
FILE
DESK
DESK
PC
FILE
FILE
FILE
SHELF
FILE
DESK
DESK
HOT WATER TANK
UP
60'-0"
6W to 3W
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
WORK BENCH
STANDARDS STORAGE ROOM
GAGE ROOM
STORAGE CABINET
STORAGE CABINET
MENS ROOM
SINK
GRANITE BLOCK
HARDINGE LATHE
2" X 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES
STORAGE CABINET
STORAGE CABINET
A/C DUCT (OVERHEAD)

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

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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

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

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
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

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

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	391

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

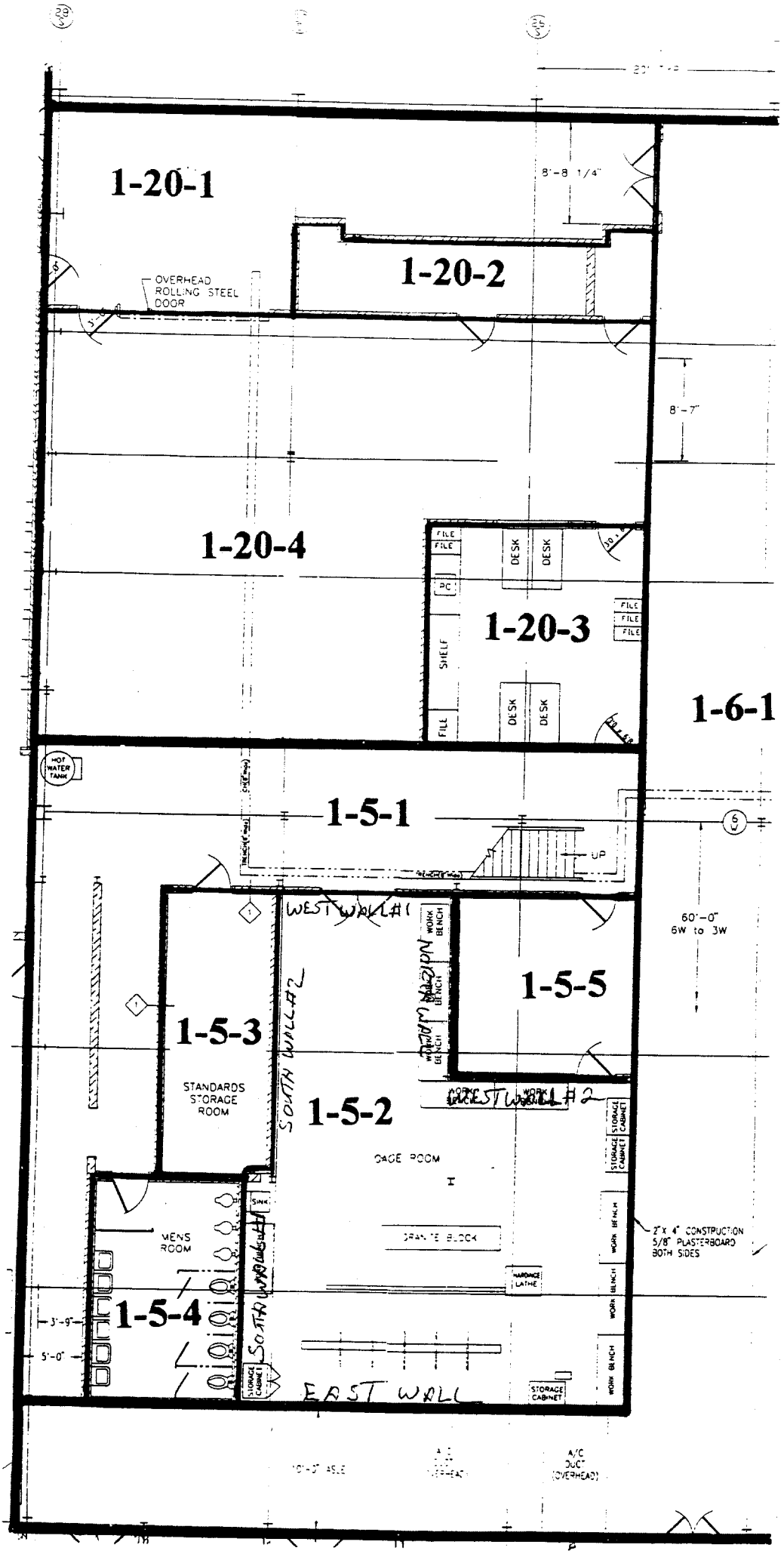
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.37	3.00	0.25

Beta Counting Instruments

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

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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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1-5-5
1-5-3
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1-5-4
OVERHEAD ROLLING STEEL DOOR
8'-8 1/4"
8'-7"
FILE
DESK
SHELF
HOT WATER TANK
UP
WEST WALL #1
SOUTH WALL #2
WEST WALL #2
WORK BENCH
STANDARDS STORAGE ROOM
GAGE ROOM
MENS ROOM
SINK
GRANITE BLOCK
HARDNESS LATHE
STORAGE CABINET
2"X 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES
3'-9"
5'-0"
SOUTH WALL
EAST WALL
60'-0" 6W to 3W
A/C DUCT (OVERHEAD)

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

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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. 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	284

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/ C. VERGARI
Signature:	V. Taylor Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

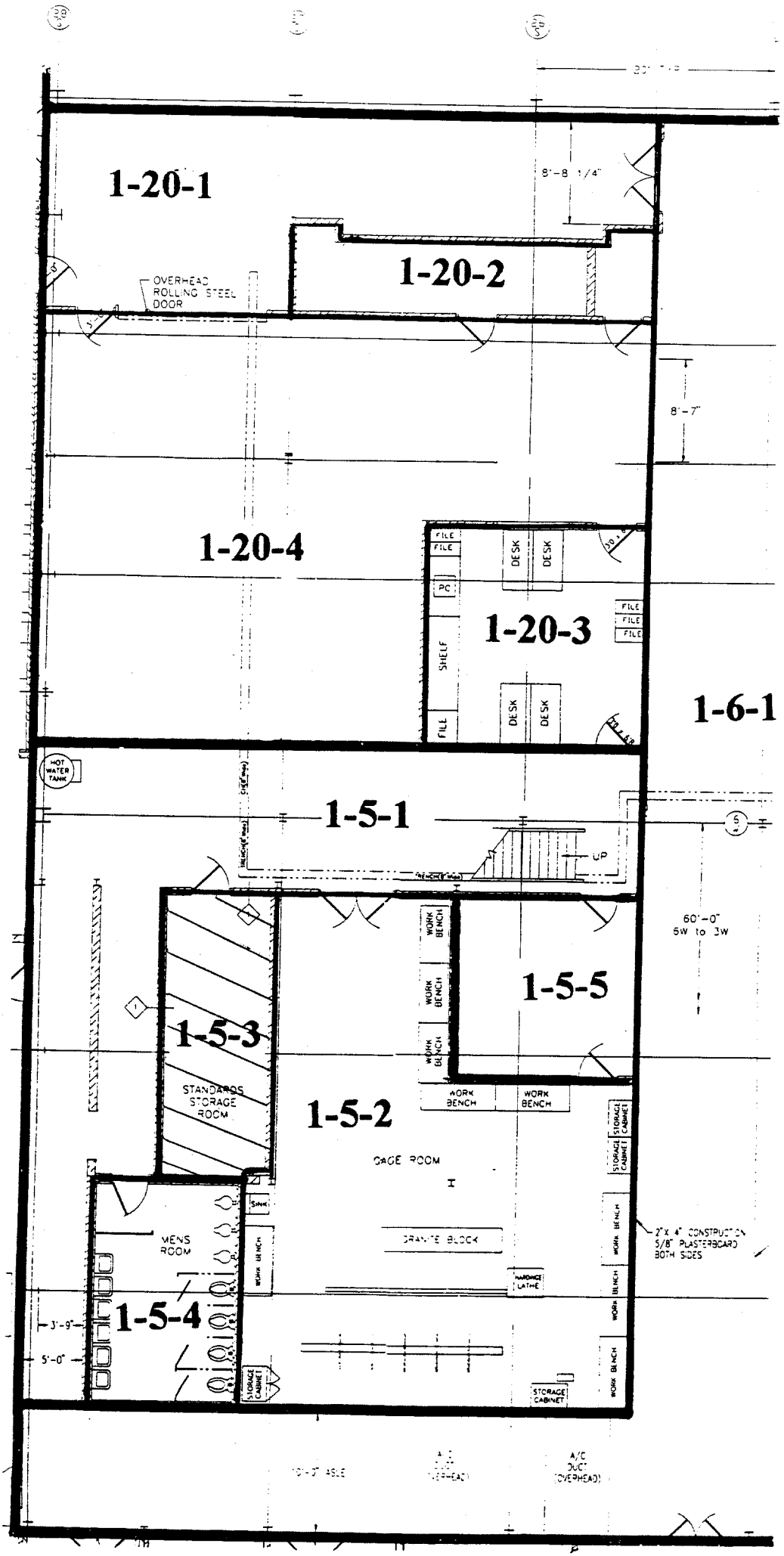
Application Revision: 3
Application Version: Standard

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 1-5-3

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	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	5/19/95 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


1-20-1
1-20-2
OVERHEAD ROLLING STEEL DOOR
8'-8 1/4"
8'-7"
1-20-4
1-20-3
FILE
FILE
DESK
DESK
PC
SHELF
FILL
FILE
FILE
FILE
DESK
DESK
1-6-1
HOT WATER TANK
1-5-1
UP
60'-0"
5W to 3W
1-5-5
WORK BENCH
WORK BENCH
WORK BENCH
1-5-3
STANDARDS STORAGE ROOM
1-5-2
GAGE ROOM
WORK BENCH
WORK BENCH
STORAGE CABINET
STORAGE CABINET
SINK
MENS ROOM
GRANITE BLOCK
HARDNESS LATHE
2"x 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES
WORK BENCH
WORK BENCH
1-5-4
3'-9"
5'-0"
STORAGE CABINET
STORAGE CABINET
A/C DUCT (OVERHEAD)
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	21.4	4.67	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	35.4	2.82	246

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/ C. VERGARI
Signature:	V. Taylor Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

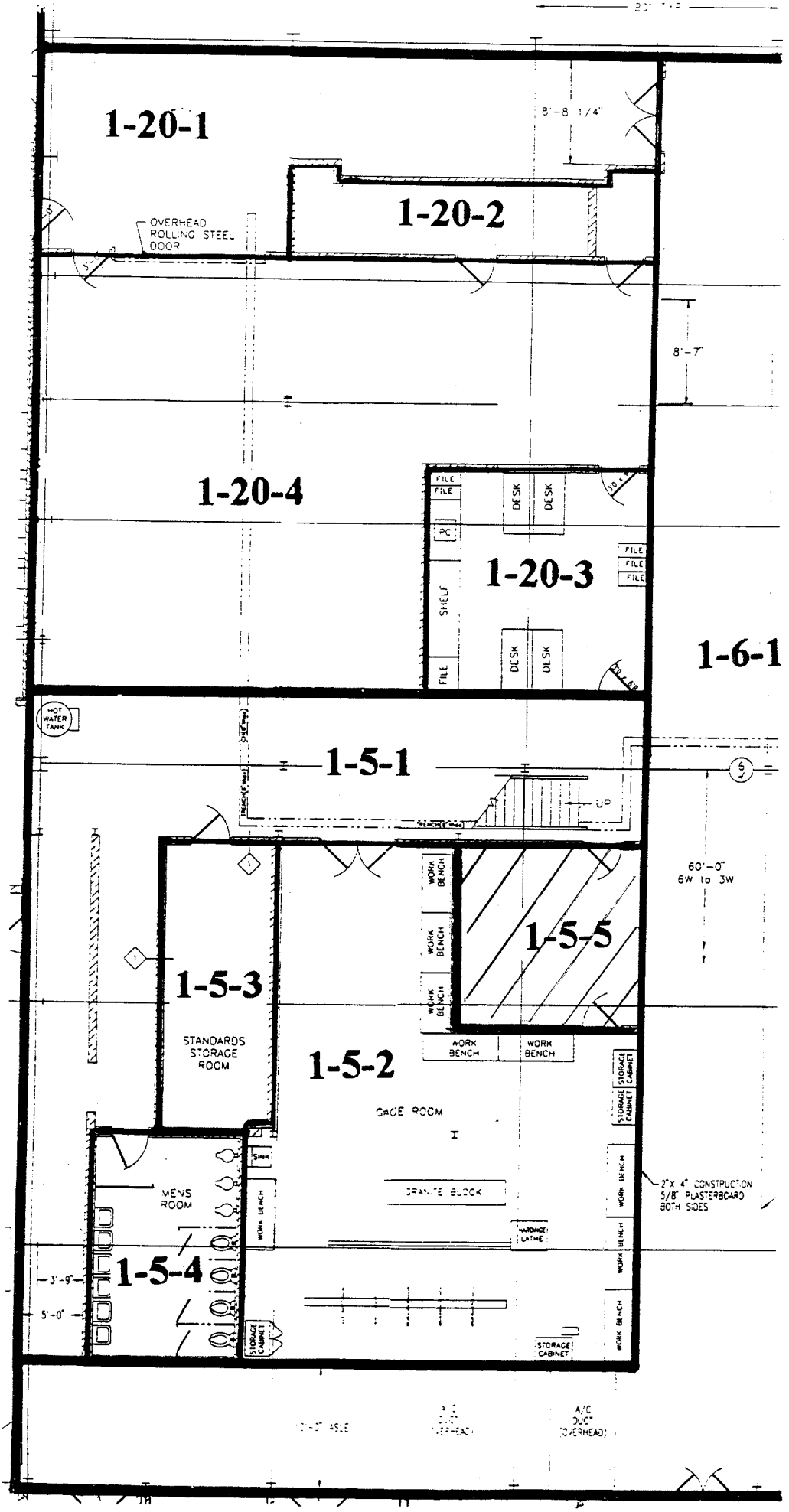
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	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


1-20-1
8'-8 1/4"
1-20-2
OVERHEAD ROLLING STEEL DOOR
8'-7"
1-20-4
FILE
FILE
DESK
DESK
PC
1-20-3
FILE
FILE
FILE
SHELF
FILE
DESK
DESK
1-6-1
HOT WATER TANK
1-5-1
UP
60'-0"
6W to 3W
WORK BENCH
WORK BENCH
WORK BENCH
1-5-5
1-5-3
STANDARDS STORAGE ROOM
1-5-2
WORK BENCH
WORK BENCH
STORAGE CABINET
GAGE ROOM
MENS ROOM
GRANITE BLOCK
2"x 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES
WORK BENCH
HARDNESS TESTER
1-5-4
3'-9"
5'-0"
STORAGE CABINET
STORAGE CABINET
WORK BENCH
A/C DUCT (OVERHEAD)

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

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	275

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/ C. VERGARI
Signature:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

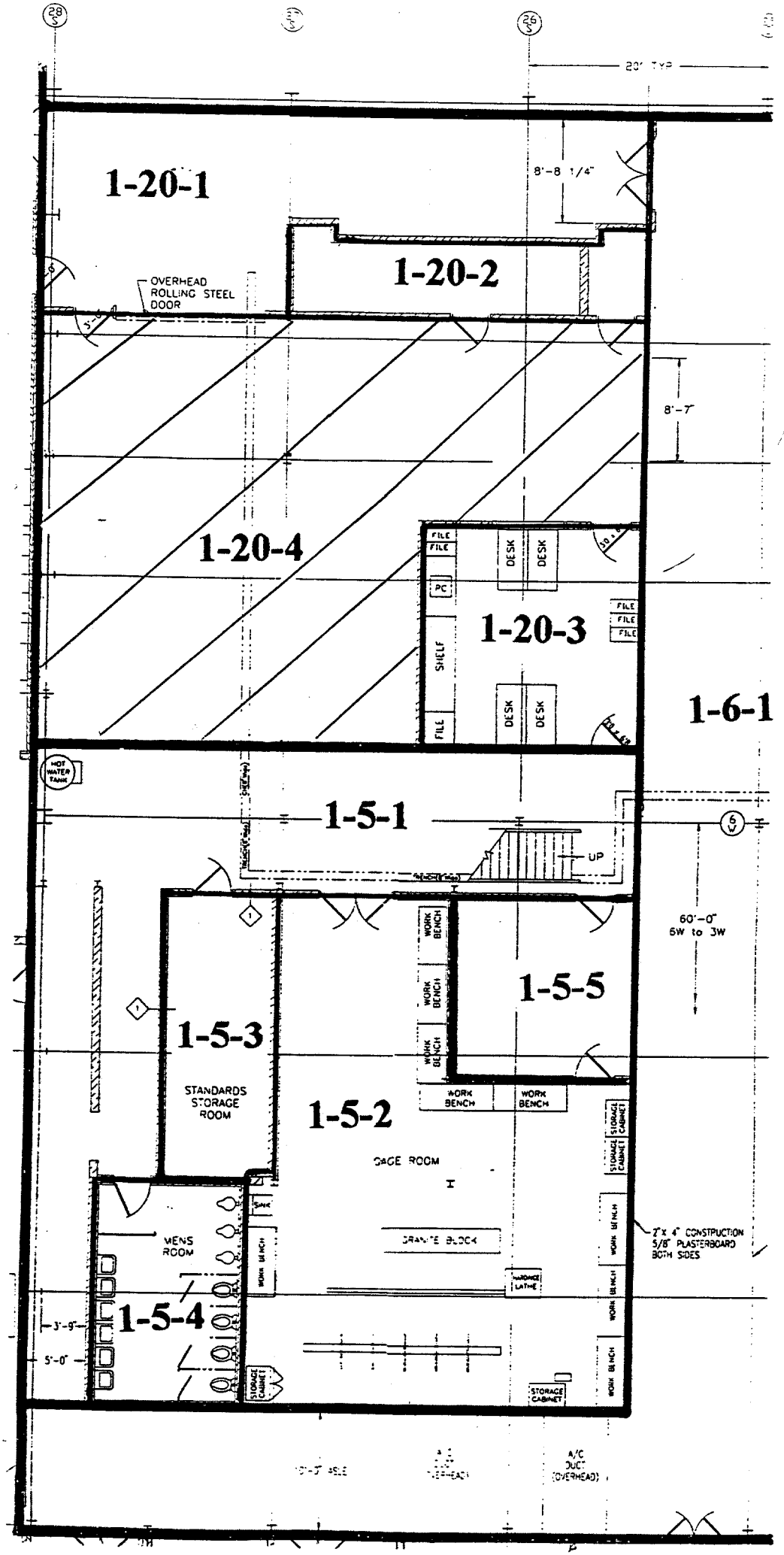
Application Revision: 3
Application Version: Standard

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 1-20-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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



UNIT: 1-20-4
SW: 01-263
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	289

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/ C. VERGARI

Signature: Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

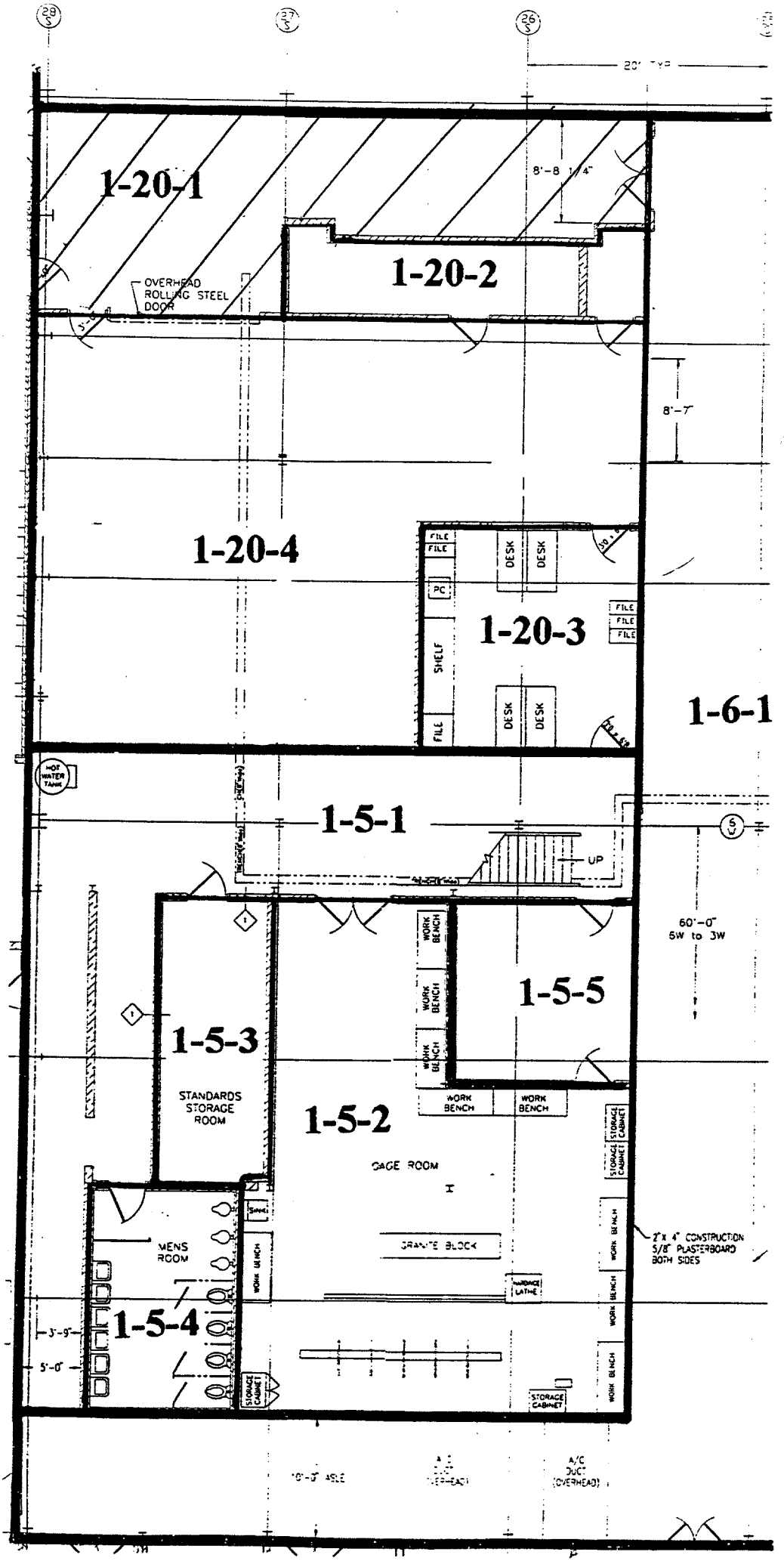
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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


1-20-1
1-20-2
1-20-4
1-20-3
1-6-1
1-5-1
1-5-5
1-5-3
STANDARDS STORAGE ROOM
1-5-2
1-5-4
OVERHEAD ROLLING STEEL DOOR
8'-8 1/4"
8'-7"
FILE
DESK
PC
SHELF
UP
WORK BENCH
STORAGE CABINET
GAGE ROOM
GRANITE BLOCK
MENS ROOM
SINK
HOT WATER TANK
60'-0" 6W to 3W
2" x 4" CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES
3'-9"
5'-0"
A/C DUCT (OVERHEAD)

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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	320

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	6	Gamma
1522	22	0.024	Beta / Gamma

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:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

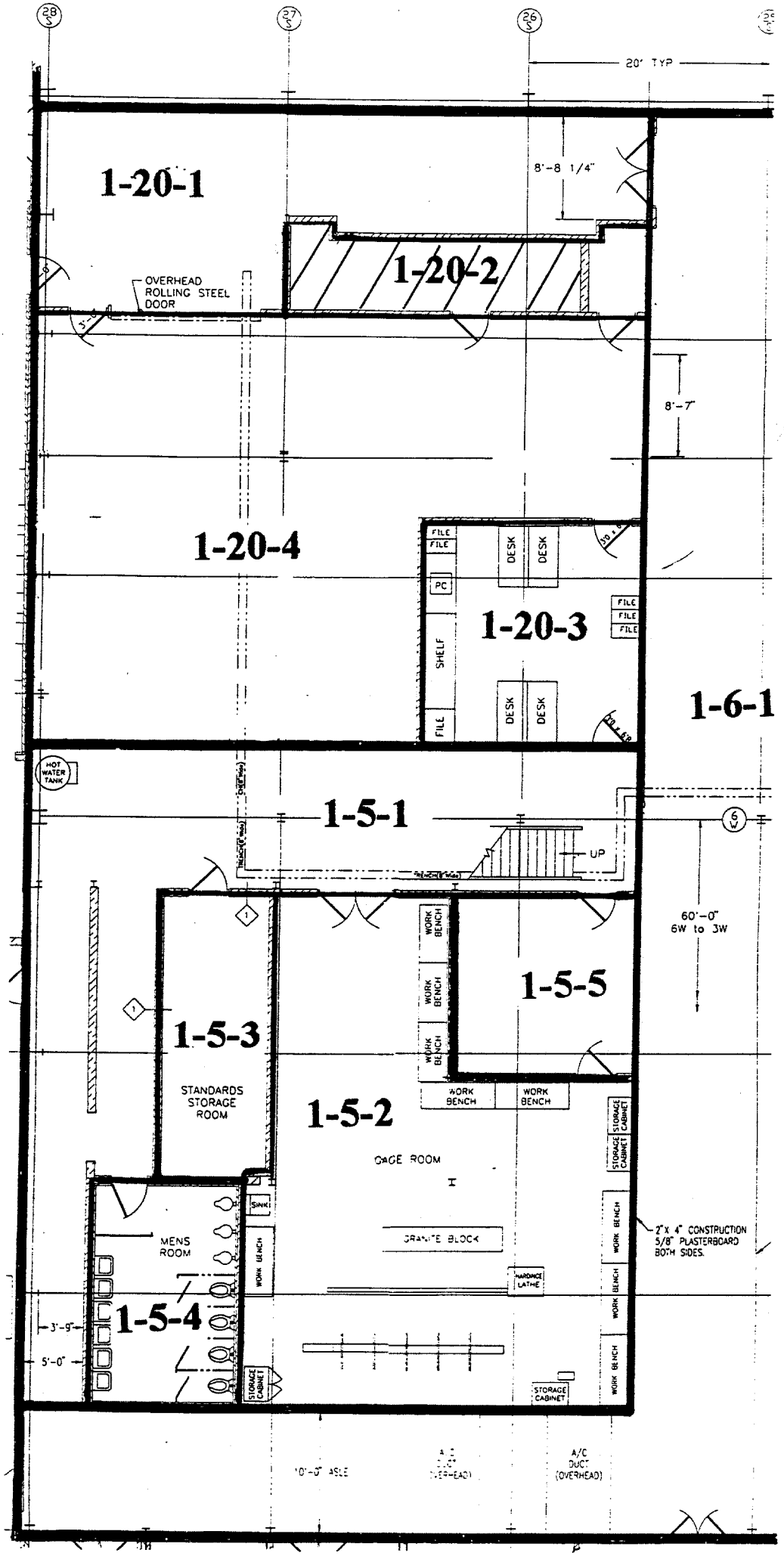
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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



UNIT: 1-20-2
SN01-265
DATE: 3-6-95
BY CV/VT

Blairsville Point Survey Form #003

Survey Serial #:	01-266
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	3
Classification:	4
Survey Type:	LOWER
Survey Date:	3/6/95
Count Date:	5/30/95

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

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:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

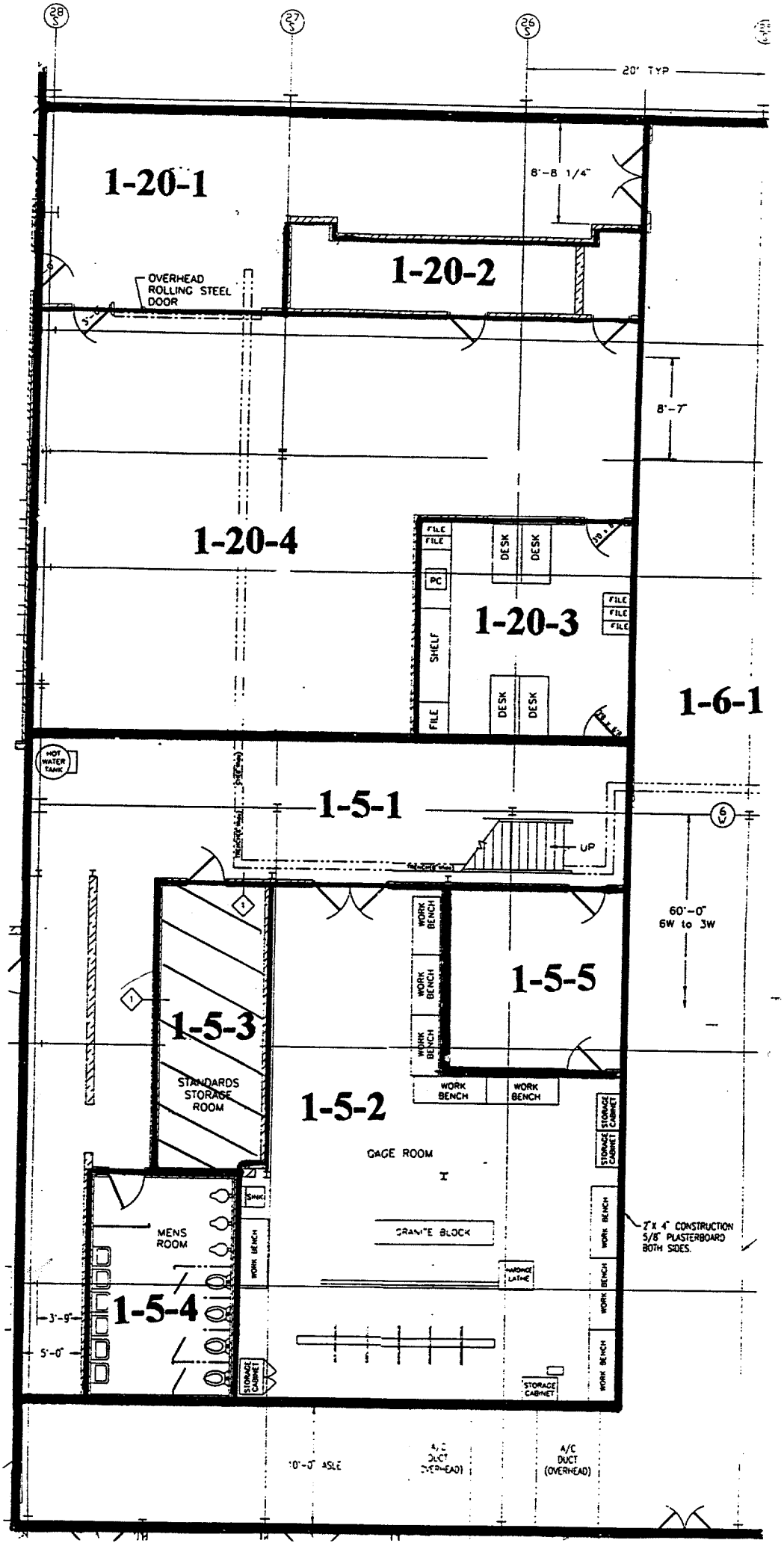
Application Revision: 3
Application Version: Standard

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 1-5-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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



UNIT: 1-5-3
SN: 01-266
DATE: 3-6-95
BY: CVIVT

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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	440

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	9	Gamma
1522	22	0.018	Beta / Gamma

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:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

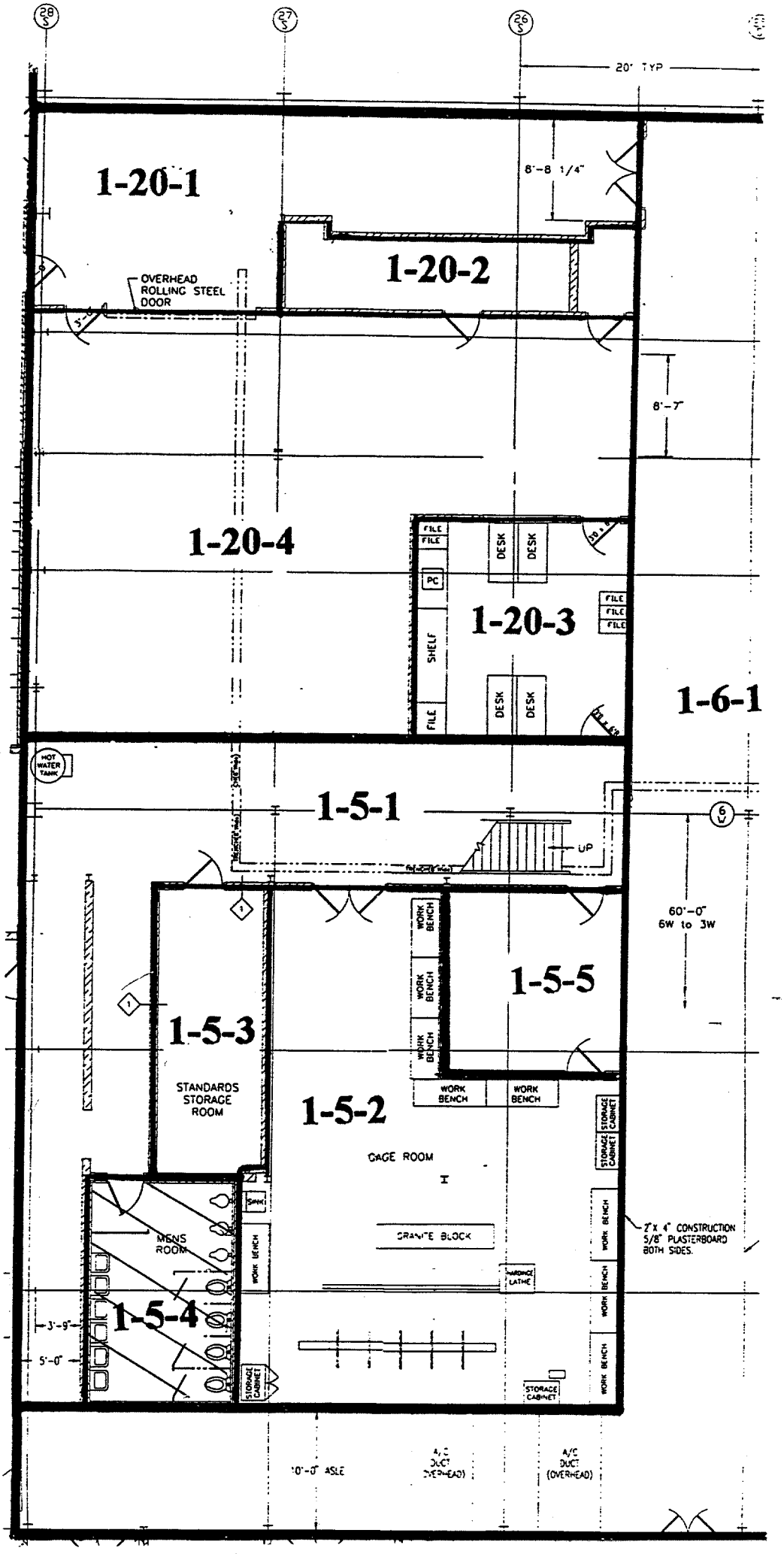
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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
SW: 01-267
Date: 36-95
By: CVNT

Blairsville Point Survey Form #003

Survey Serial #:	01-268

Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	1

Classification:	4
Survey Type:	LOWER

Survey Date:	3/6/95
Count Date:	5/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	6

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	266

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma
1522	22	0.013	Beta / Gamma

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:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

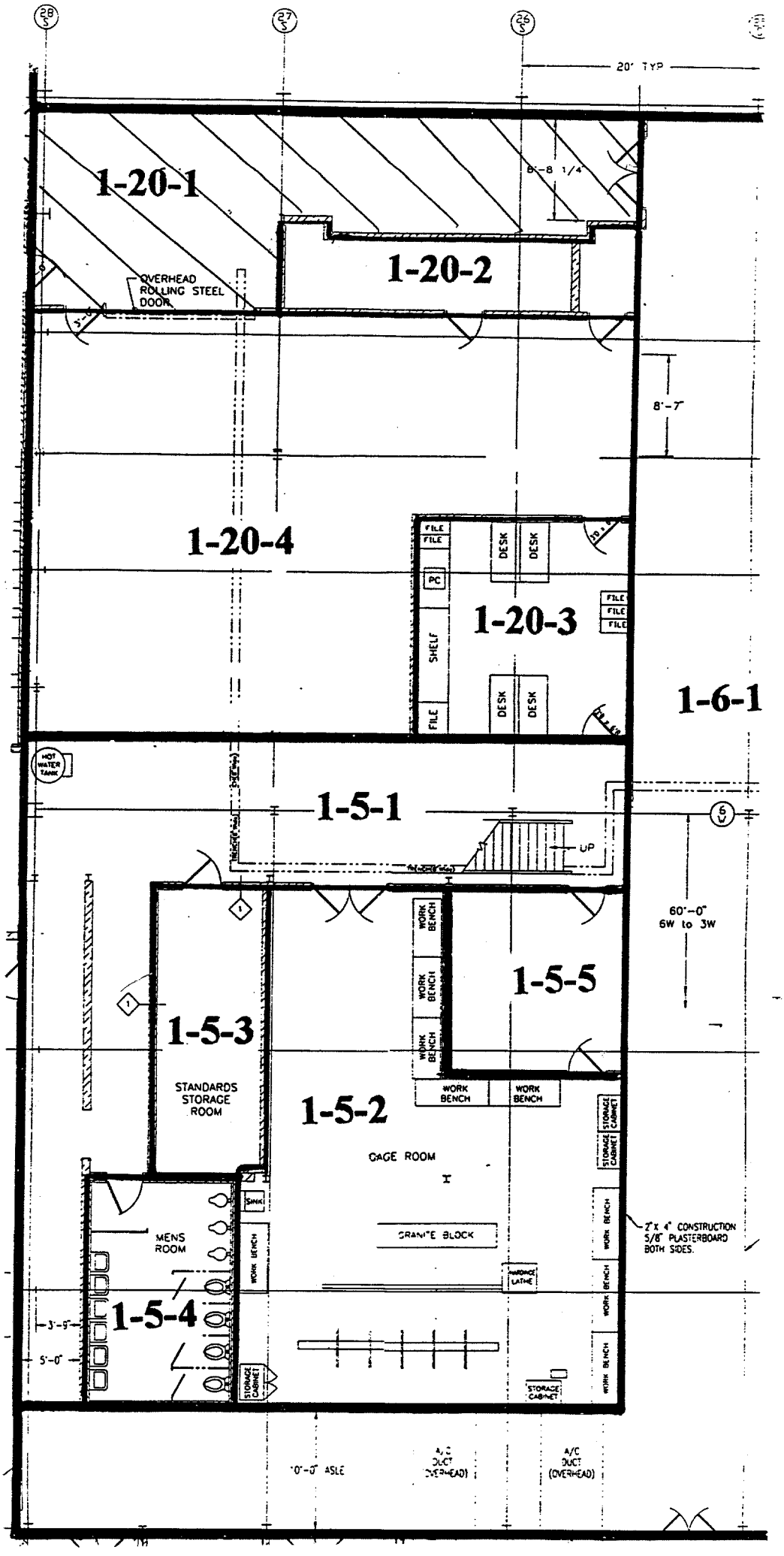
Application Revision: 3
Application Version: Standard

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 1-20-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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



UNIT: 1-20-1
SN: 01-268
DATE: 3-6-95
BY: CVNT

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. 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	33.96	2.94	0.34

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	326

Beta Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.6	2.66	1.68

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	6	Gamma
1522	22	0.013	Beta / Gamma

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. 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	33.96	2.94	0.34

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	326

Beta Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.6	2.66	1.68

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	6	Gamma
1522	22	0.013	Beta / Gamma

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. 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	33.96	2.94	0.34

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	326

Beta Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.6	2.66	1.68

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	6	Gamma
1522	22	0.013	Beta / Gamma

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

Surface	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
Description	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. 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	33.96	2.94	0.34

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	326

Beta Counting Instruments

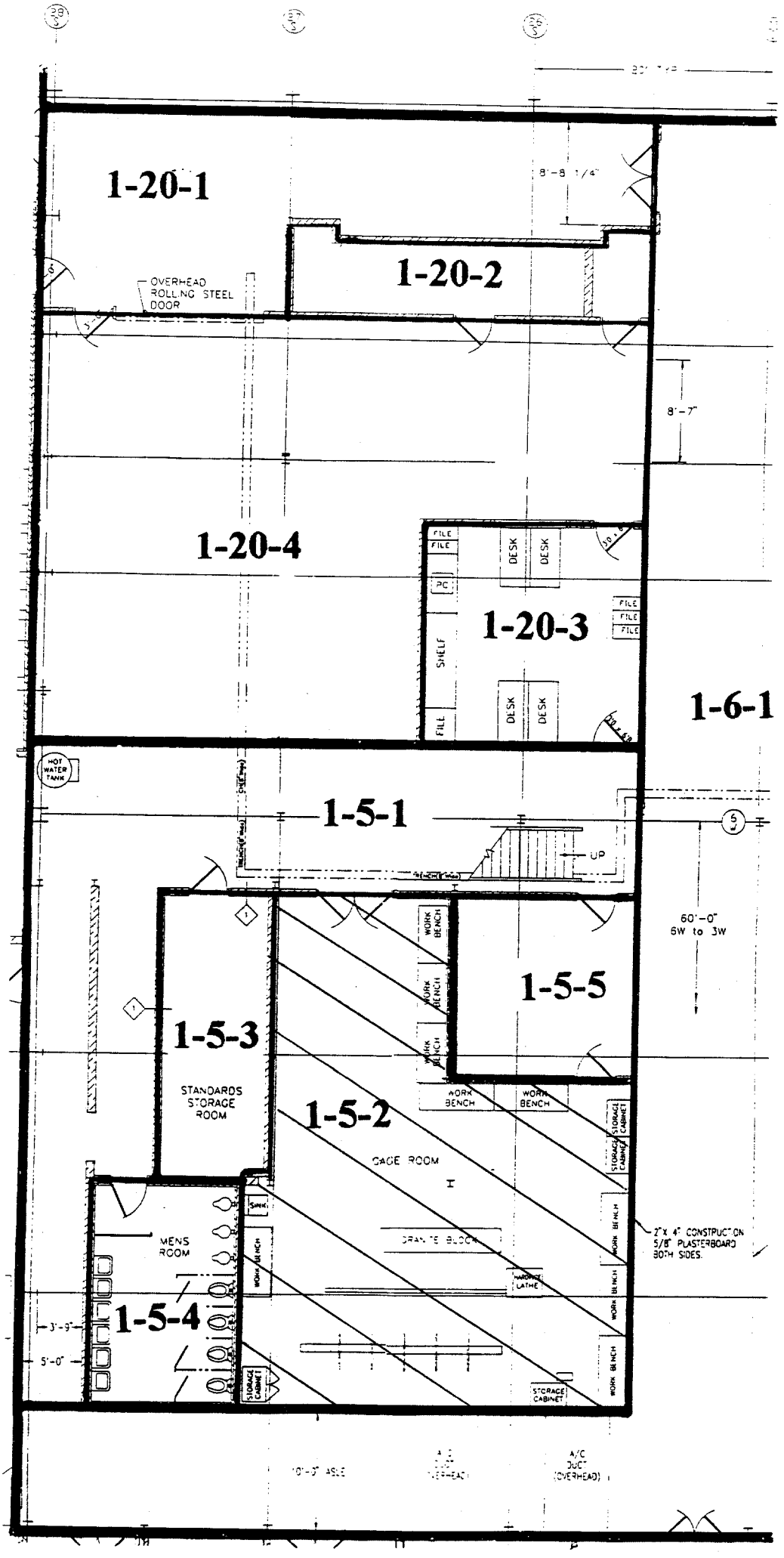
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	3	37.6	2.66	1.68

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	6	Gamma
1522	22	0.013	Beta / Gamma

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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



UNIT: 1-5-2
SN 1269
DATE: 3.7.95
BY: CV/VT

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	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

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	252

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma
1522	22	0.009	Beta / Gamma

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:	Carmen Vergari V Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. 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	252

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	0.009	Beta / Gamma

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	252

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma
1522	22	0.009	Beta / Gamma

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:	Carmen Vergari V Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

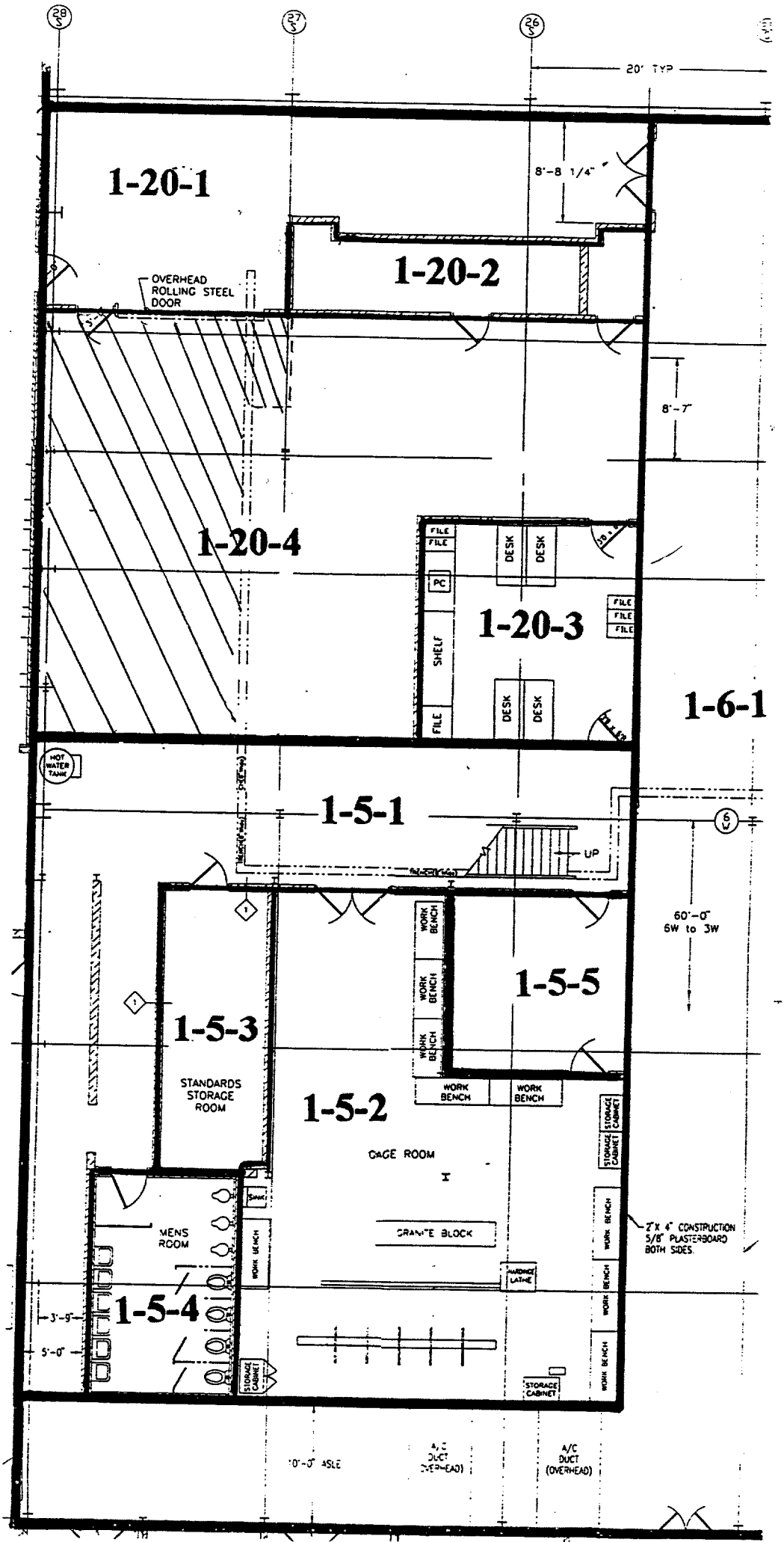
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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



UNIT: 1-20-4
SW: 01-270
DATE: 3-8-95
BY: CVLT

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. 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	382

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	0.01	Beta / Gamma

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	382

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma
1522	22	0.01	Beta / Gamma

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:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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	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

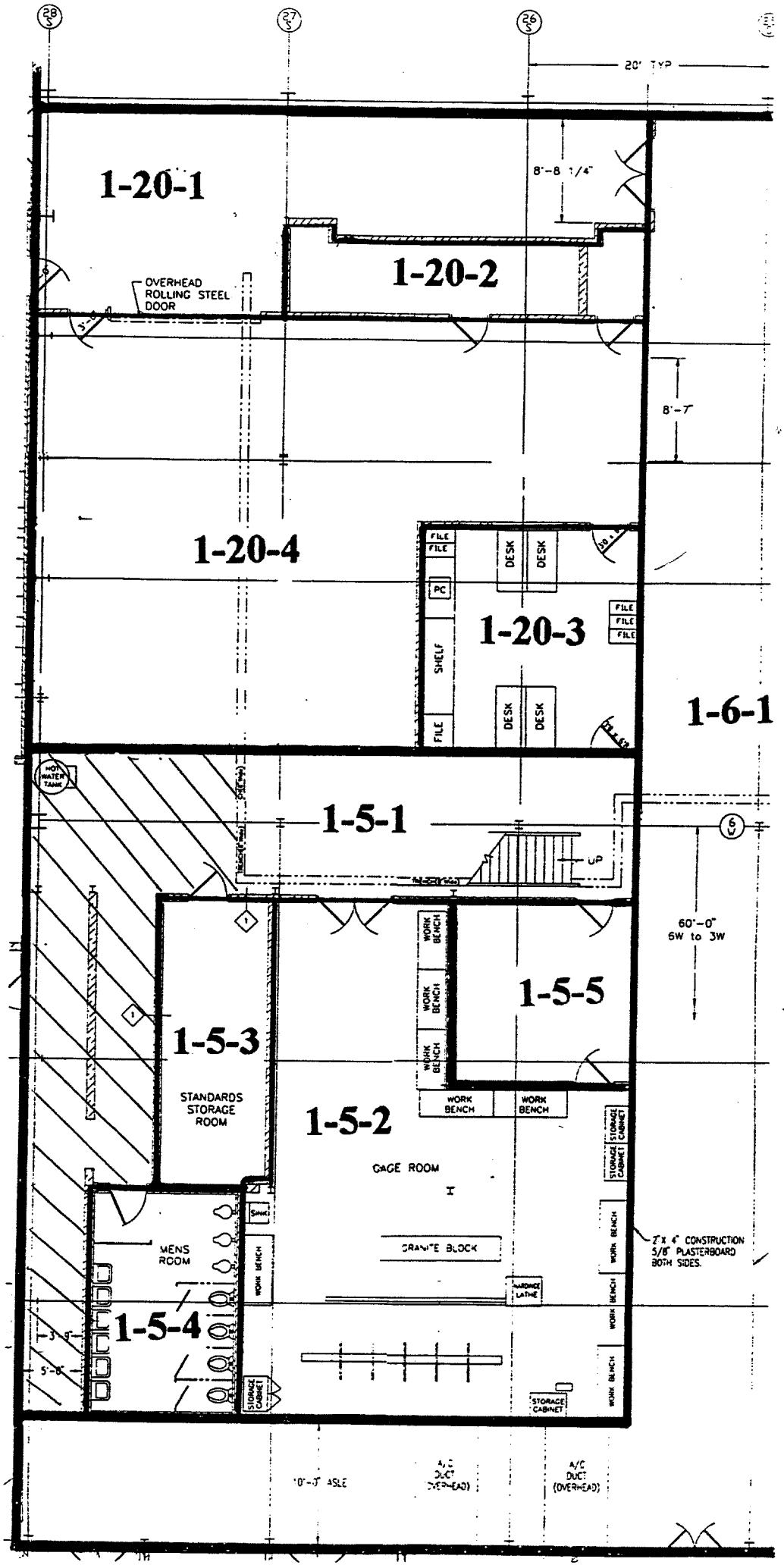
Application Revision: 3
Application Version: Standard

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

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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



UNIT 1-5-1
SN: 01201
DATE: 3-9-95
BY: CV/MT

Blairsville Point Survey Form #003

Survey Serial #:	01-272

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

Classification:	4
Survey Type:	LOWER

Survey Date:	3/15/95
Count Date:	5/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	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
1595	12	32.4	3.09	571

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:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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 1-1-1

	Alpha Activity				Beta Activity						
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

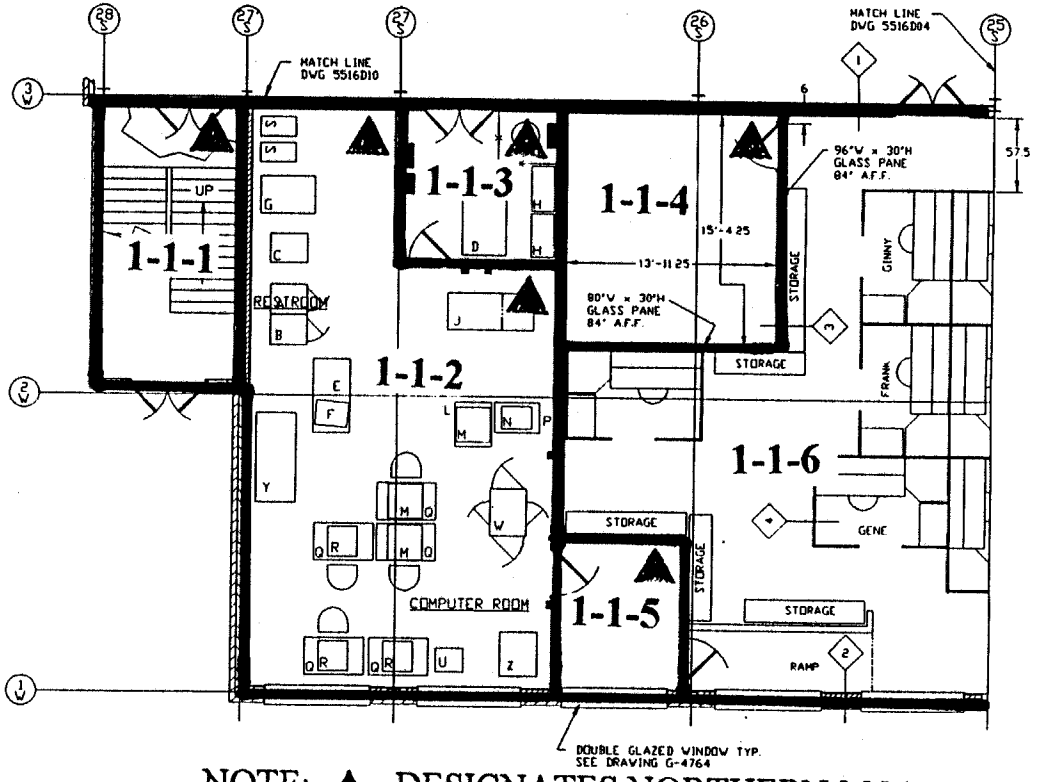
UNIT: 1-1-1
SN: 01-272
DATE: 3-15-95
BY CV/DT

5516D05

COMPUTER ROOM EQUIPMENT LEGEND
A - 4997 RACK SERIES 1 COMPUTER
B - 4997 RACK W/SERIES 1 COMPUTER
C - C351 PRINTER FOR SERIES 1 COMPUTER
D - CHECK PRINTER
E - 30" x 60" TABLE
F - 3031 CRT
G - BURSTER
H - METAL SHELVING UNIT x 84" HIGH
J - 5360 SYSTEM 36 COMPUTER
K - BOOKCASE
L - STANDUP WORK STATION
M - 5251 OPERATOR'S CONSOLE FOR SYSTEM 36 COMPUTER
N - PRINTER STAND
P - 5256 PRINTER
Q - 30" x 48" TABLE
R - 5291 OPERATOR'S CONSOLE FOR SYSTEM 36 COMPUTER
S - 5 DRAWER FILING CABINET
T - TELEX
U - FACSIMILE W/TELEPHONE & MODUM
V - 34" x 72" TABLE
W - 3262 PRINTER FOR SYSTEM 36 COMPUTER
Y - AIR CONDITIONING UNIT
Z - CP9 VOLTAGE REGULATOR

SEE CAD00373 FOR FIRE PROTECTION EQUIPMENT LAYOUT

LEGEND
1. 8" BLOCK, 3/4" PLASTER, AND 5/8" DRYWALL
2. 4" BRICK, 4" BLOCK, 1" PLASTER, 3-1/2" WOOD FRAME W/INSULATION
3. 3-1/2" WOOD FRAME AND 5/8" DRYWALL 115" HIGH
4. WESTINGHOUSE MODULAR WALL UNITS (ASD) 60" HIGH



NOTE: ▲ DESIGNATES NORTHERN MOST WEST CORNER (0, 0 Reference point)

TOLERANCES & MACHINING NOTES UNLESS OTHERWISE SPECIFIED

WESTINGHOUSE PROPRIETARY DATA

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE WESTINGHOUSE ELECTRIC CORPORATION NUCLEAR FUEL OPERATIONS DIVISIONS IT IS TRANSMITTED TO YOU IN CONFIDENCE AND TRUST AND IS TO BE RETURNED UPON REQUEST. ITS CONTENT MAY NOT BE MISCLOSED IN WHOLE OR IN PART TO OTHERS OR USED FOR OTHER THAN THE PURPOSE FOR WHICH TRANSMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE

4AA-48925

DES BY	CLAWSON	11/17/94
DFTR		
CHKR		
MFG ENG		
QA ENG		

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

TITLE MAIN BUILDING
EQUIPMENT LAYOUT
OFFICE AREA

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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	5

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	537

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/ C. VERGARI
Signature:	Carmen Vergari V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

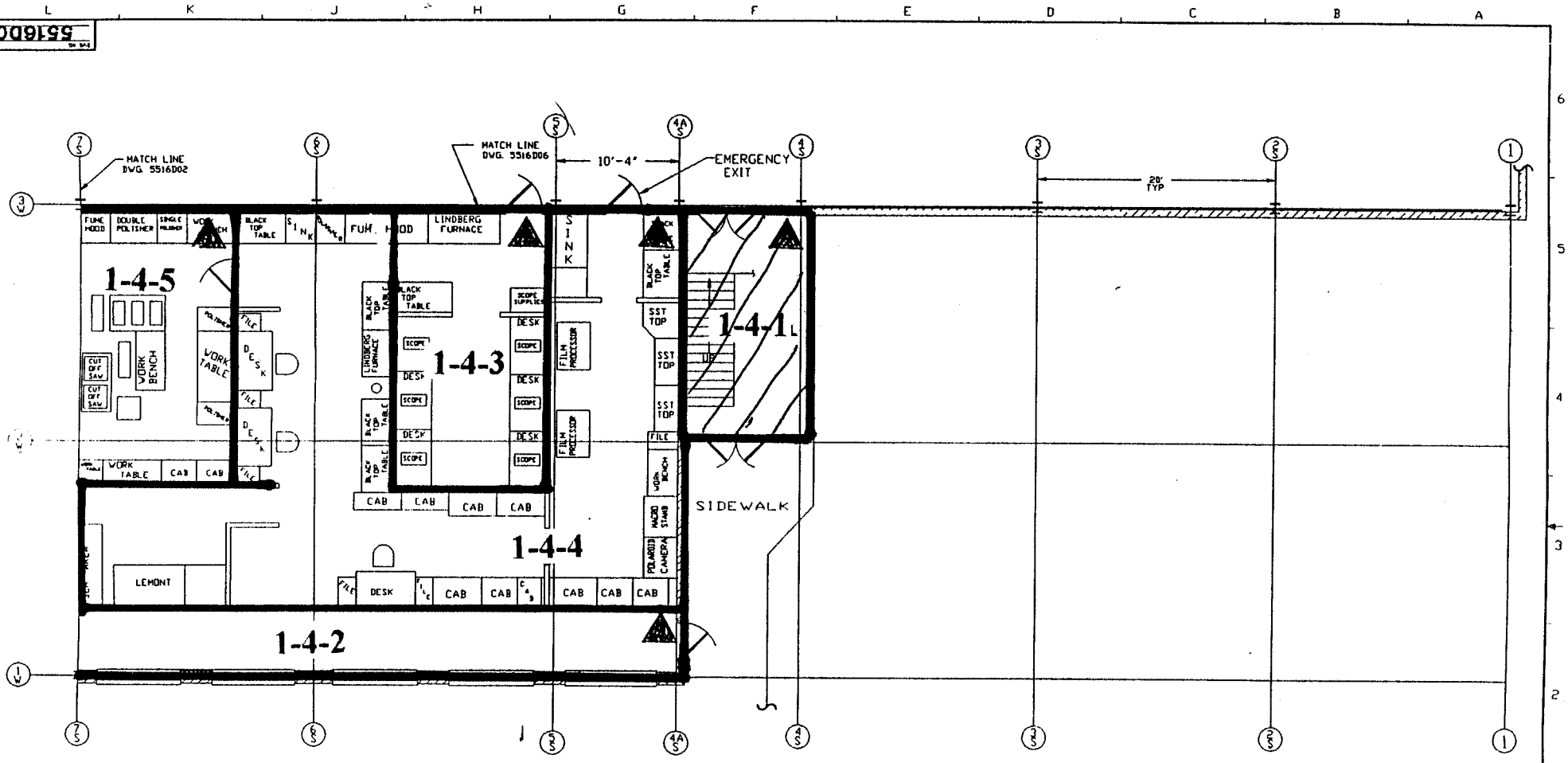
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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

Batch ID: Blairsville 1-4-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
35	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 8:42
36	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 8:44
37	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 8:46
38	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	6/5/95 8:48
39	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 8:51
40	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	6/5/95 8:53
41	3.756	2.60	<AL	7.53	4.39	3.58	<AL	12.28	2.00	1.254	1.63	6/5/95 8:55
42	-0.738	1.50	<MDA	7.53	7.08	4.06	<AL	12.28	2.00	-0.246	2.63	6/5/95 8:57
43	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	6/5/95 8:59

UNIT: 1-4-1
SN: 01-273
DATE: 3-15-95
BY: CV/VT



NOTE: ▲ DESIGNATES NORTHERN MOST WEST CORNER (0, 0 Reference point)

WESTINGHOUSE PROPRIETARY DATA

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3042706
5516D02
3042710

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
QC LABS

SCALE 25 = 12

5516D01

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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	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
1595	12	32.4	3.09	263

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	0.013	Beta / Gamma

Surveyor:	V. TAYLOR/ C. VERGARI
Signature:	

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	263

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma
1522	22	0.013	Beta / Gamma

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:	Carmen Vergari

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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 1-18-8

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

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

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

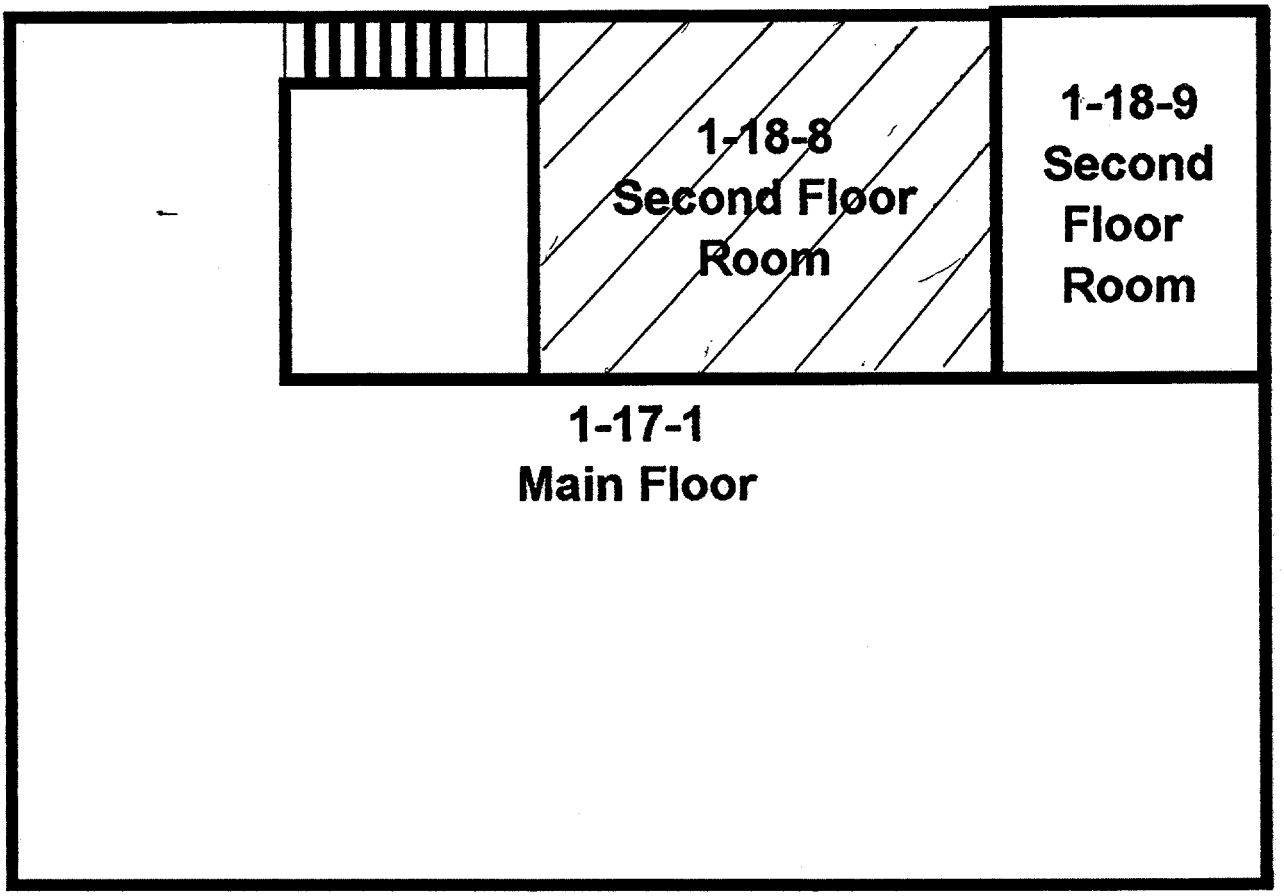
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-18-8

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion 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

UNIT: 1-18
SN: 01-204
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

Classification:	4
Survey Type:	LOWER

Survey Date:	3/16/95
Count Date:	6/5/95

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	249

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	0.01	Beta / Gamma

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

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

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

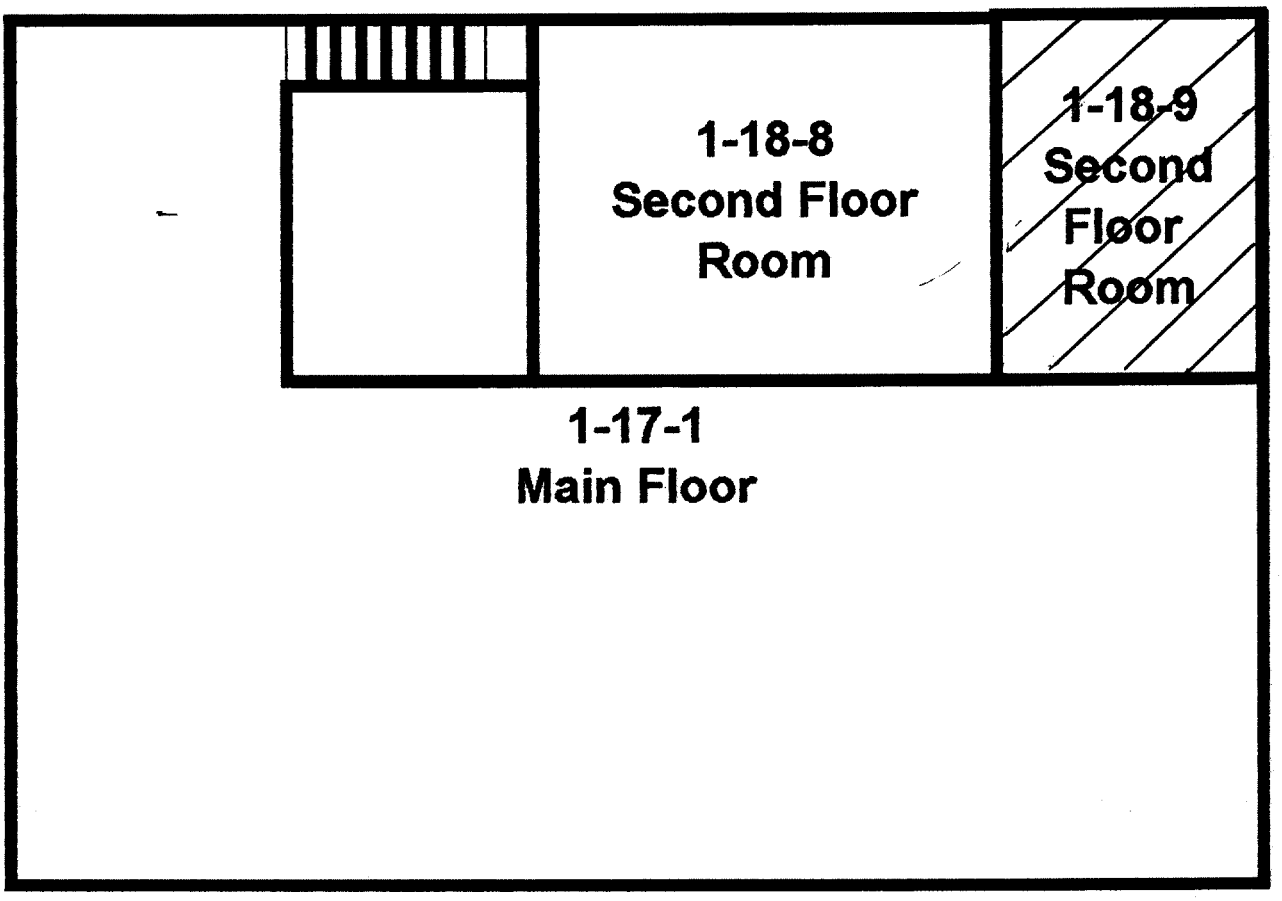
Beta efficiency log file: tc99ab
Beta Efficiency: 37.06%
Beta into Alpha Crosstalk: 0.03%
Beta Background (CPM): 1.875
Beta Correction Factor: 1.000

Batch ID: Blairsville 1-18-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
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

UNIT: 1-18-9
SN: 01-275
DATE: 3-16-95
BY CVIT

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. 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
173	234	5	Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

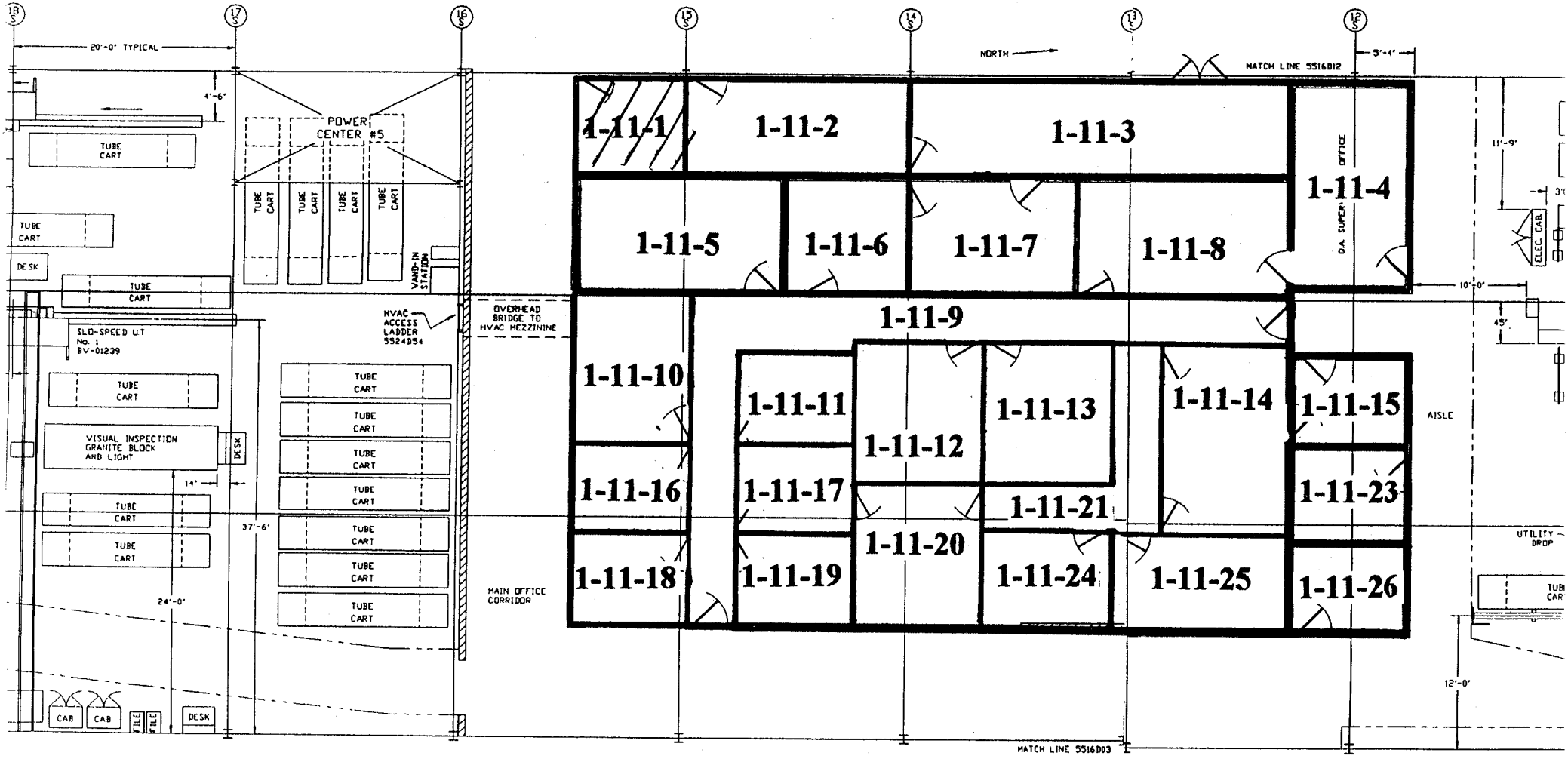
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. 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

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

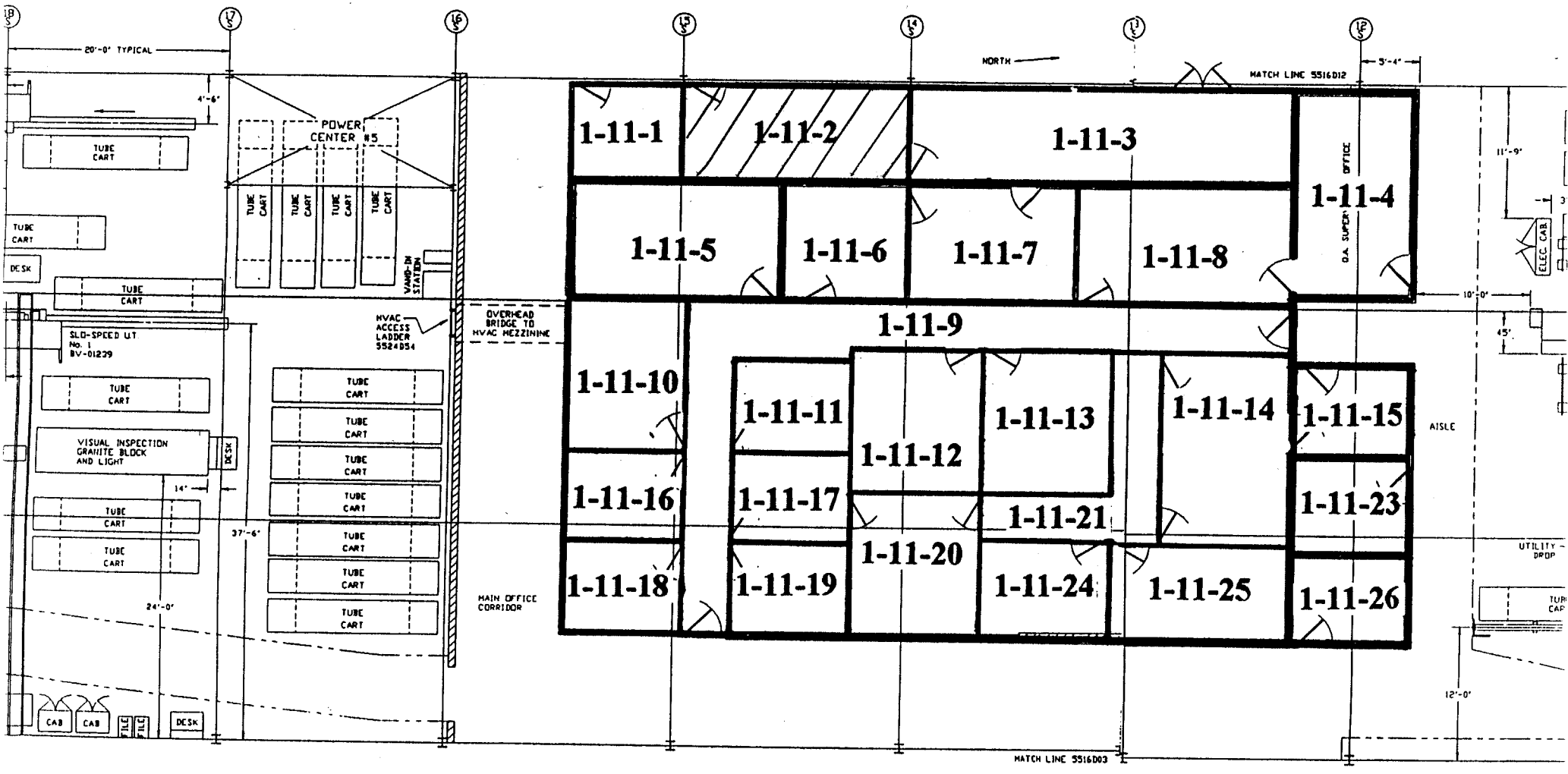
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

UNIT - 1-11-2
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 #:	01-278

Survey Section:	1
Survey Unit:	11
Survey Sub-unit:	3

Classification:	4
Survey Type:	LOWER

Survey Date:	3/16/95
Count Date:	~~3/16/95~~ N/A JTM

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

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

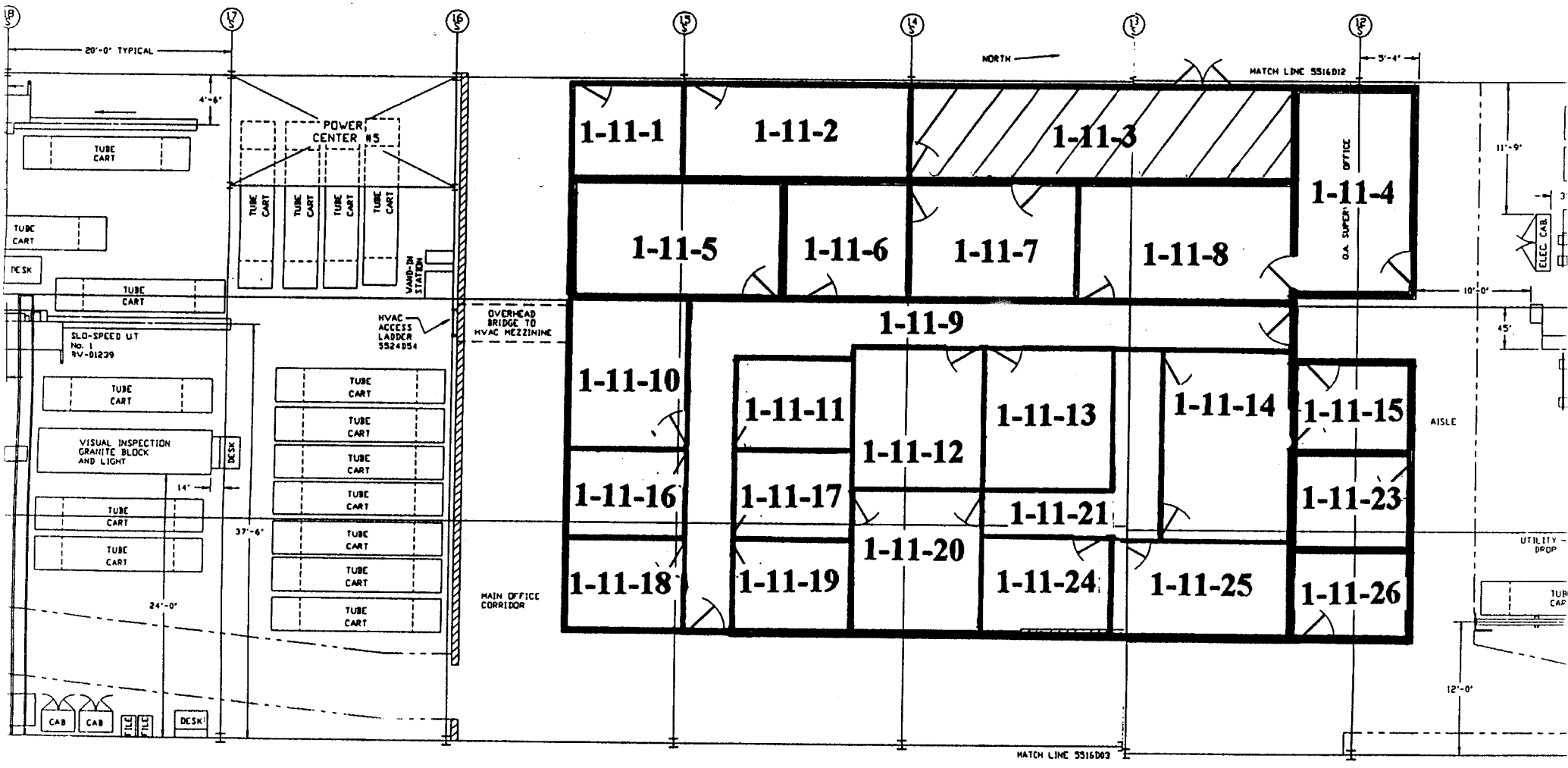
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
BY: 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 JHY

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

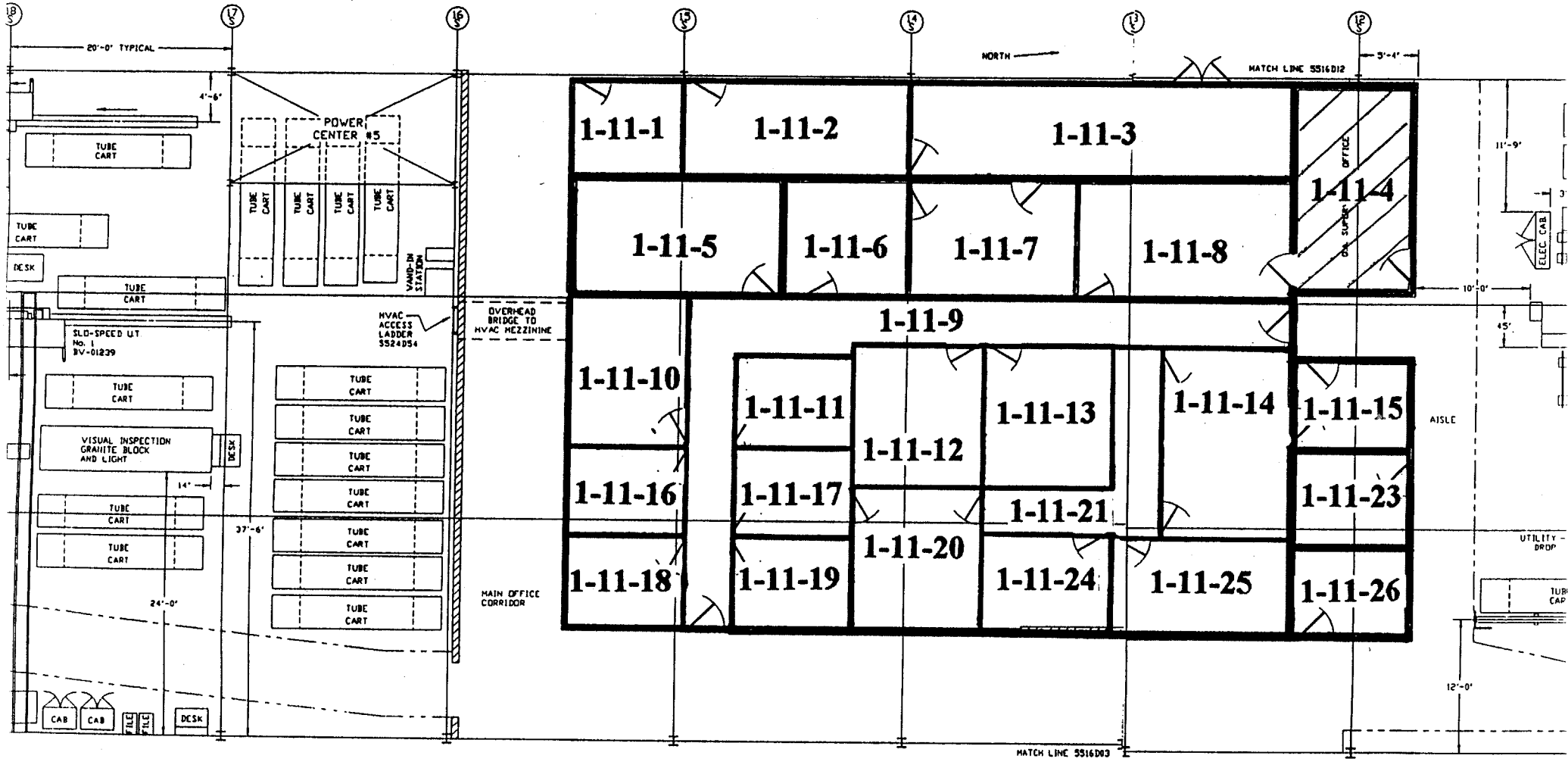
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

UNIT: 1-11-4
SN:
DATE: 3-16-95
BY: JT

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



5516D08 REV 14

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 JWS

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

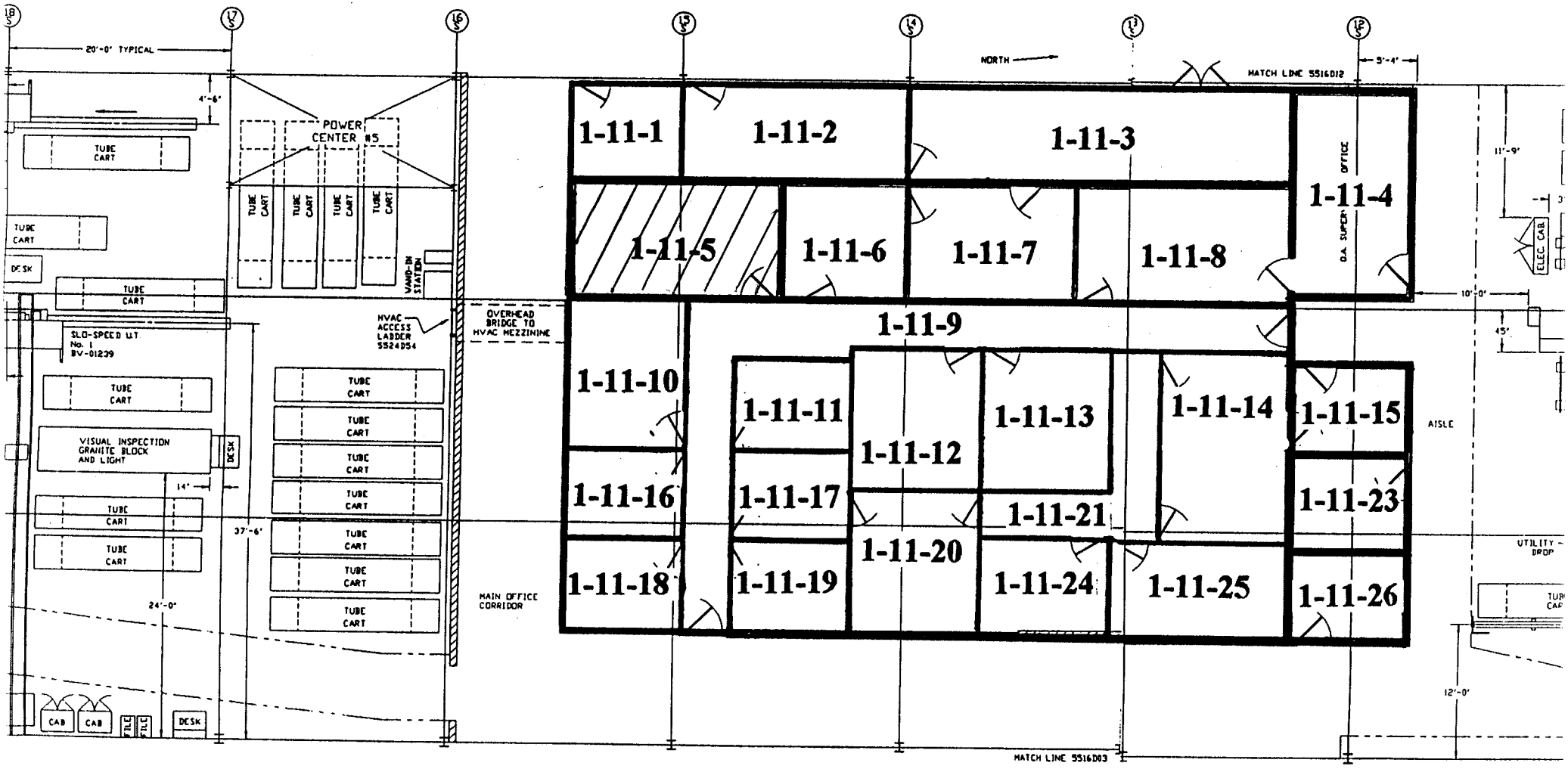
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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 JHS

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

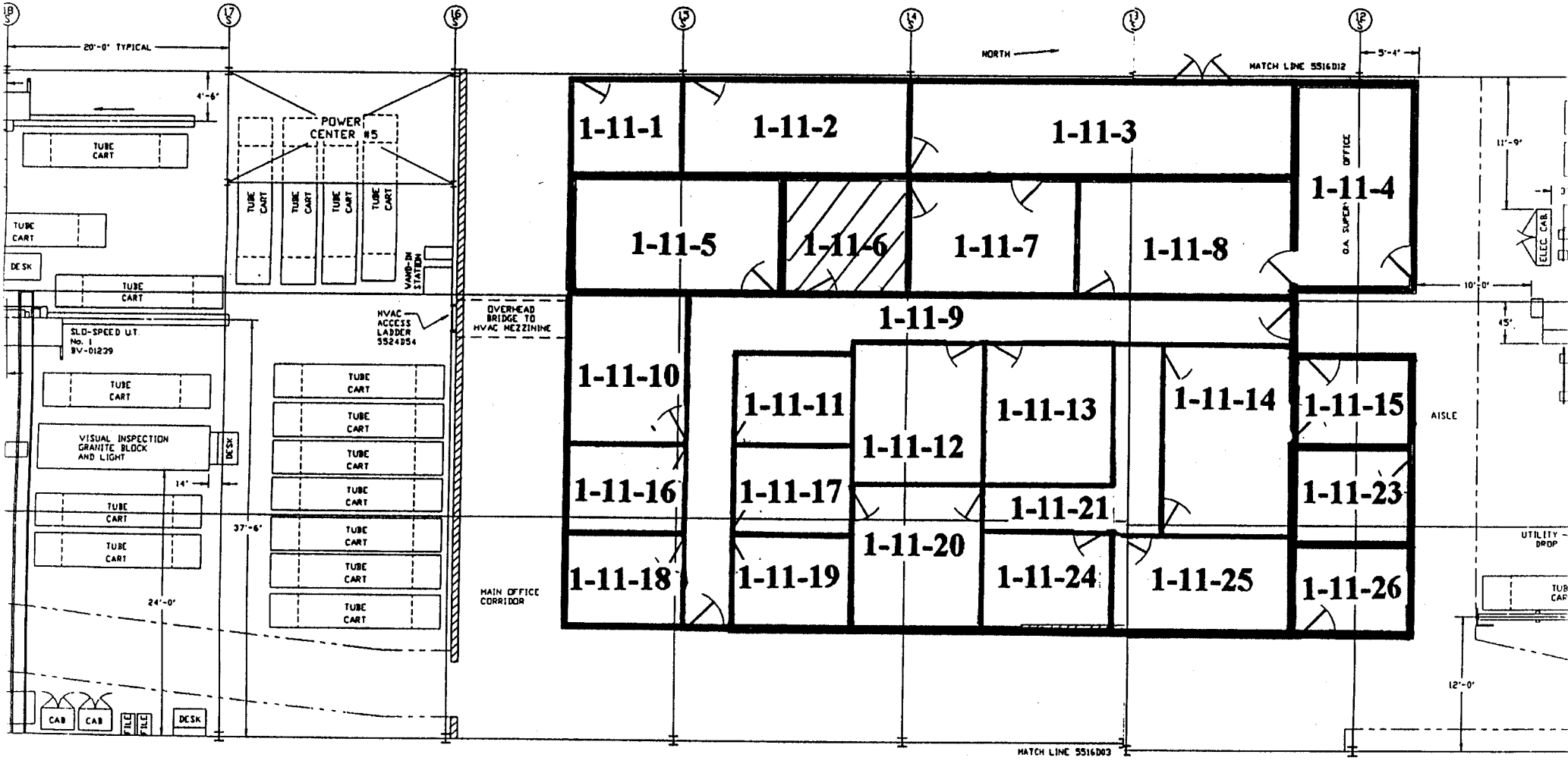
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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: DT

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. 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

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

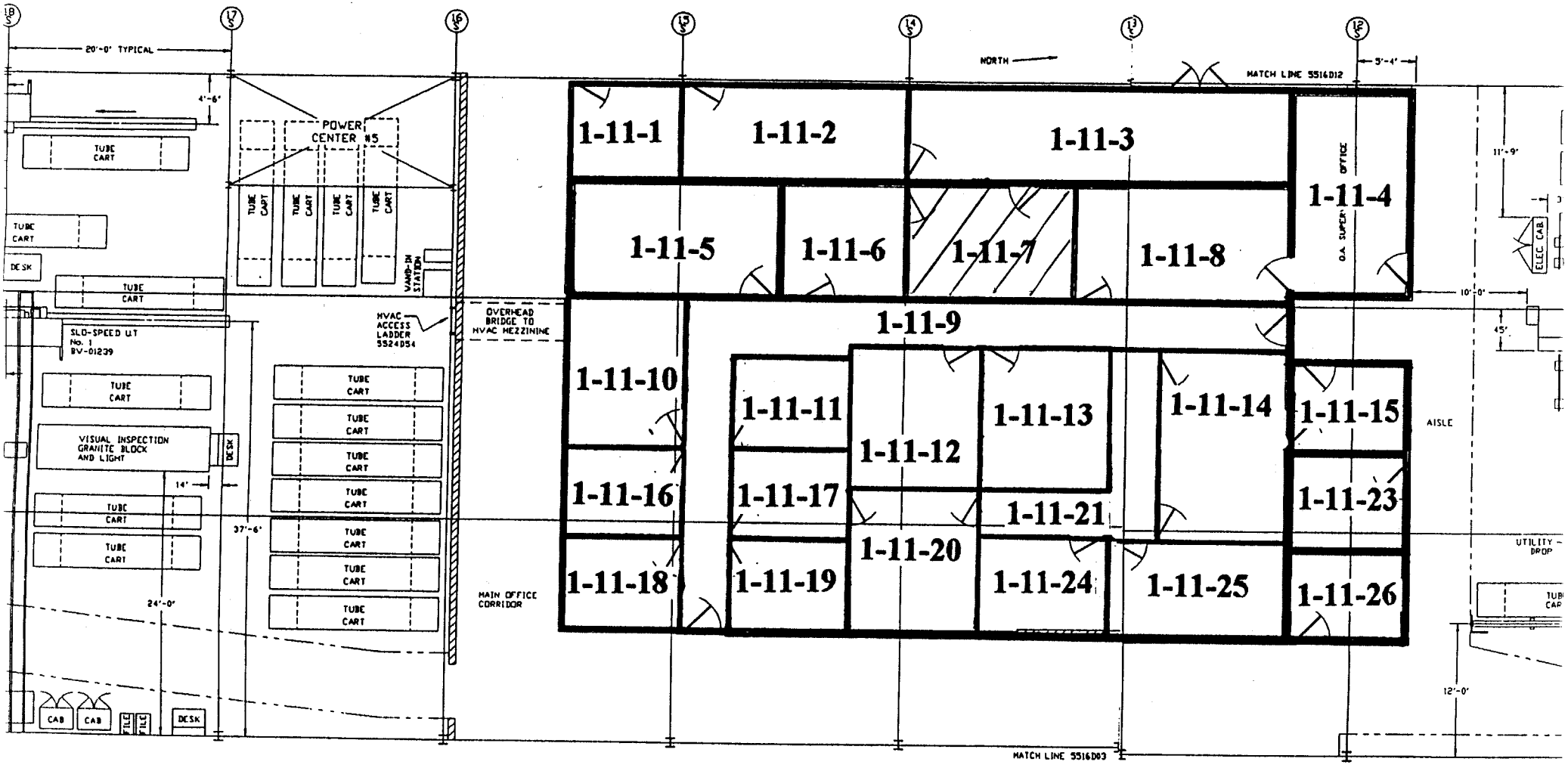
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

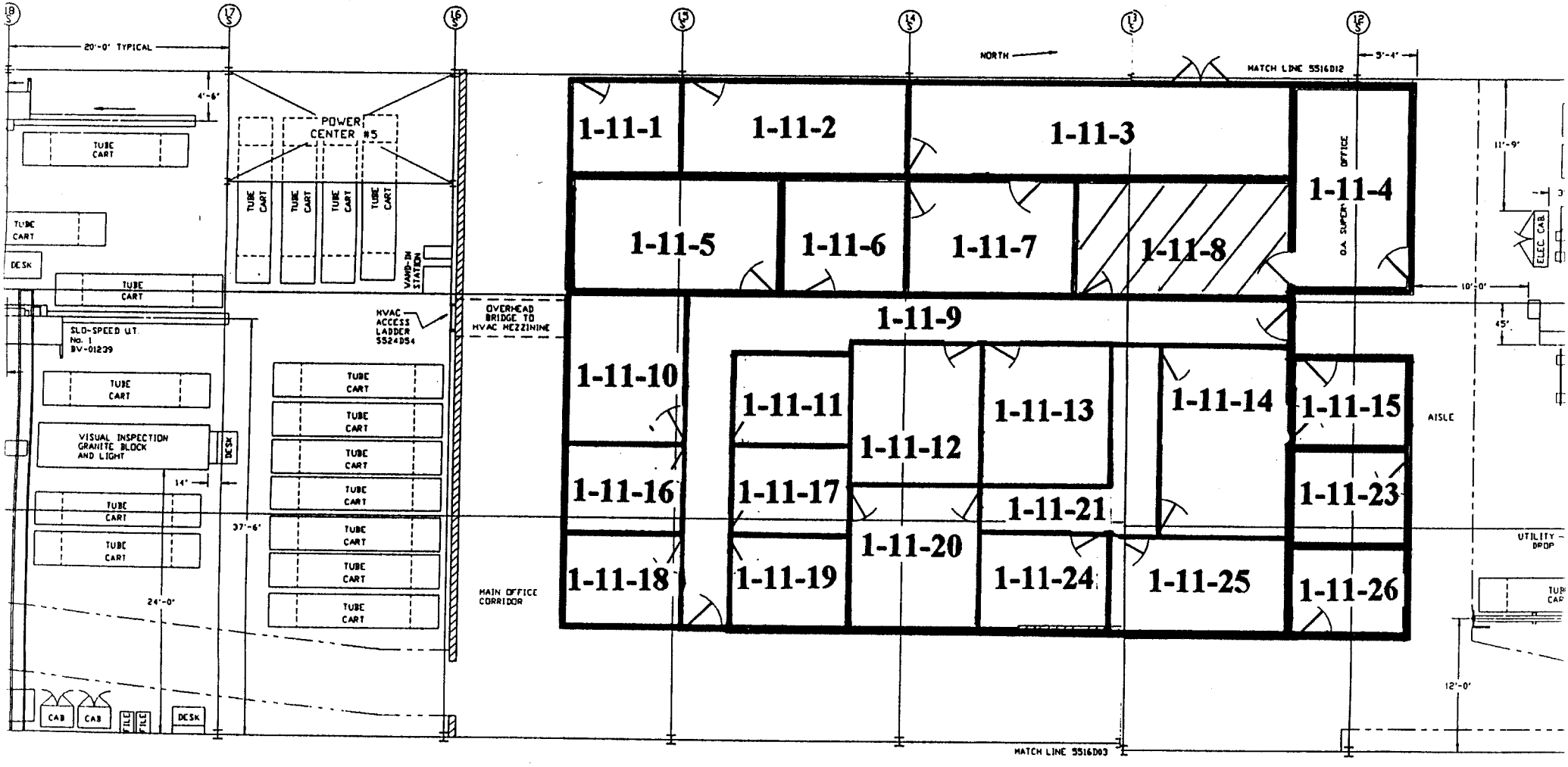
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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. 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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

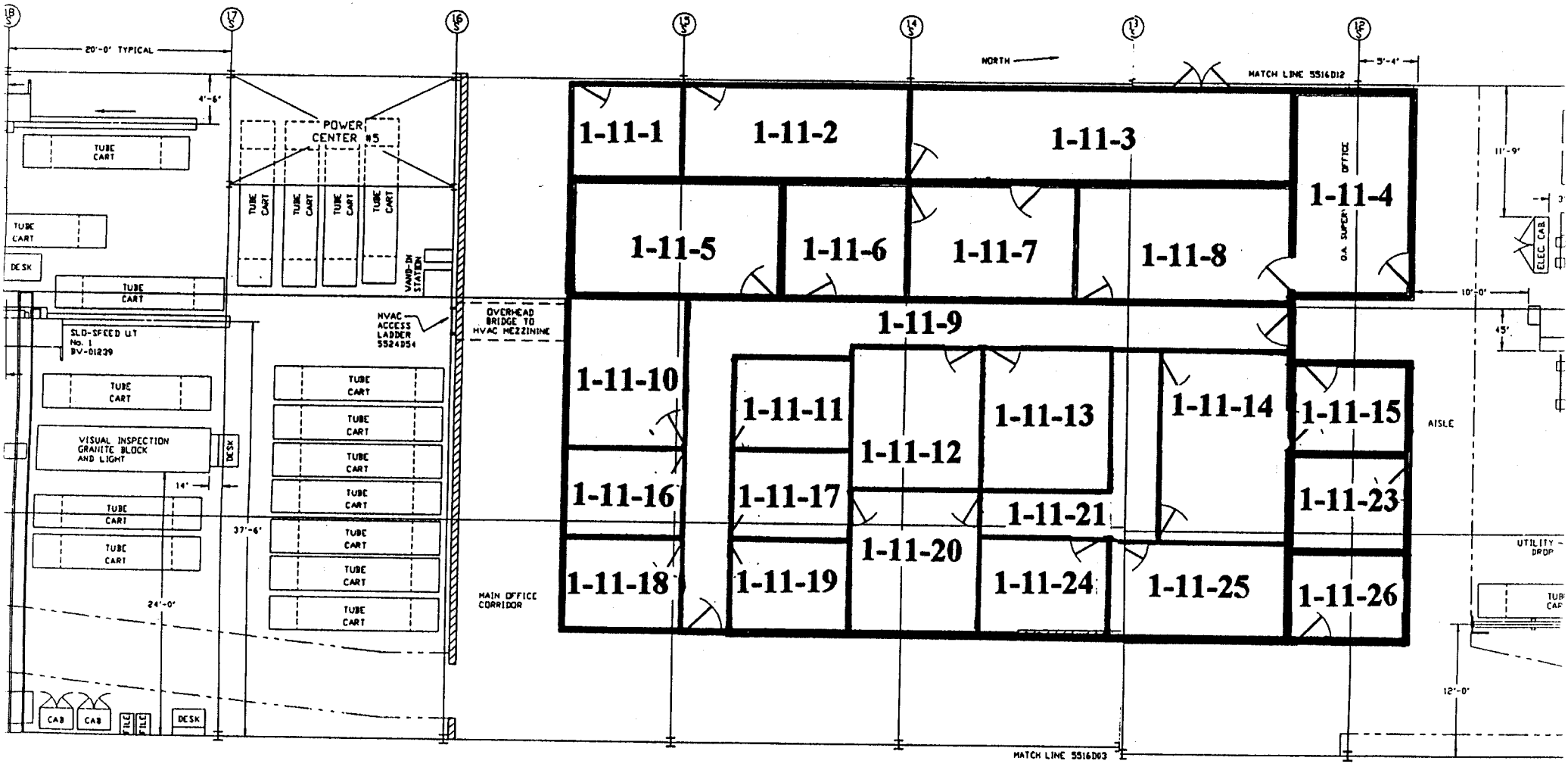
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

UNIT: 1-11-9
SN:
DATE: 3-16-95
BY: DT

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



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 JHN

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

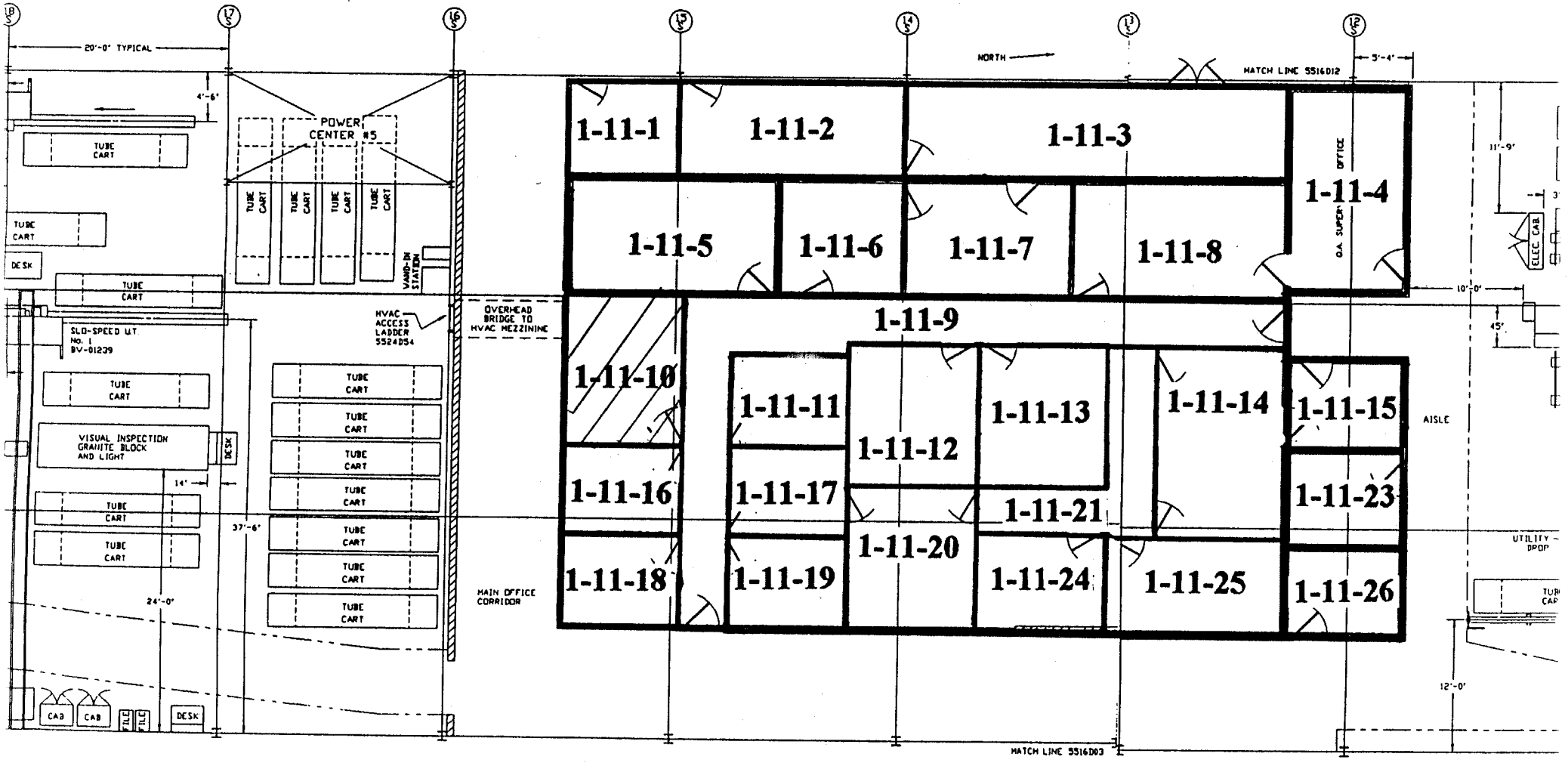
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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:
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 #:	01-286

Survey Section:	1
Survey Unit:	11
Survey Sub-unit:	11

Classification:	4
Survey Type:	LOWER

Survey Date:	3/16/95
Count Date:	~~3/16/95~~ N/A JM

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

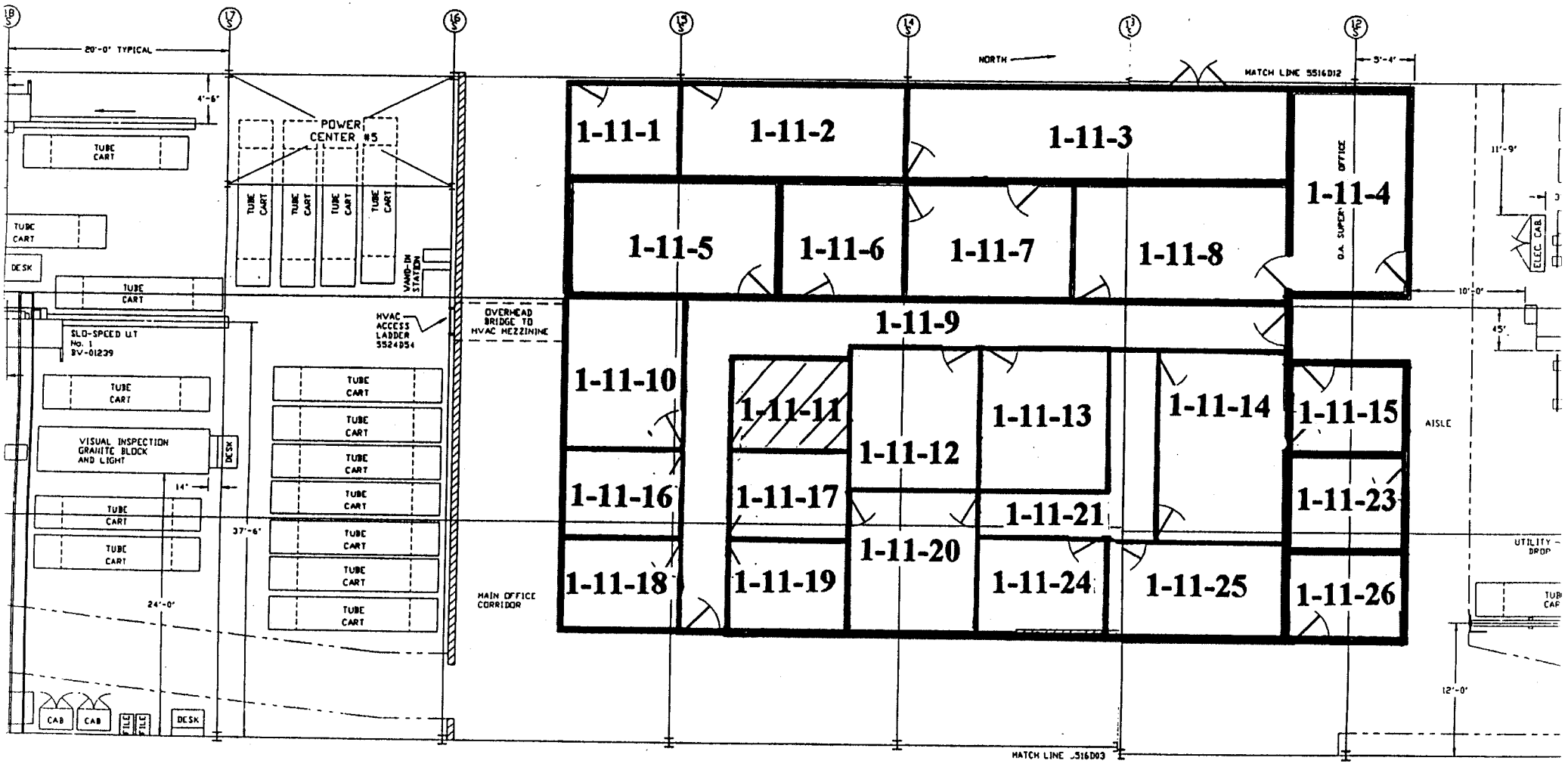
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

UIN: 1-11-11
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 #:	01-287
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~~ NA JTL

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

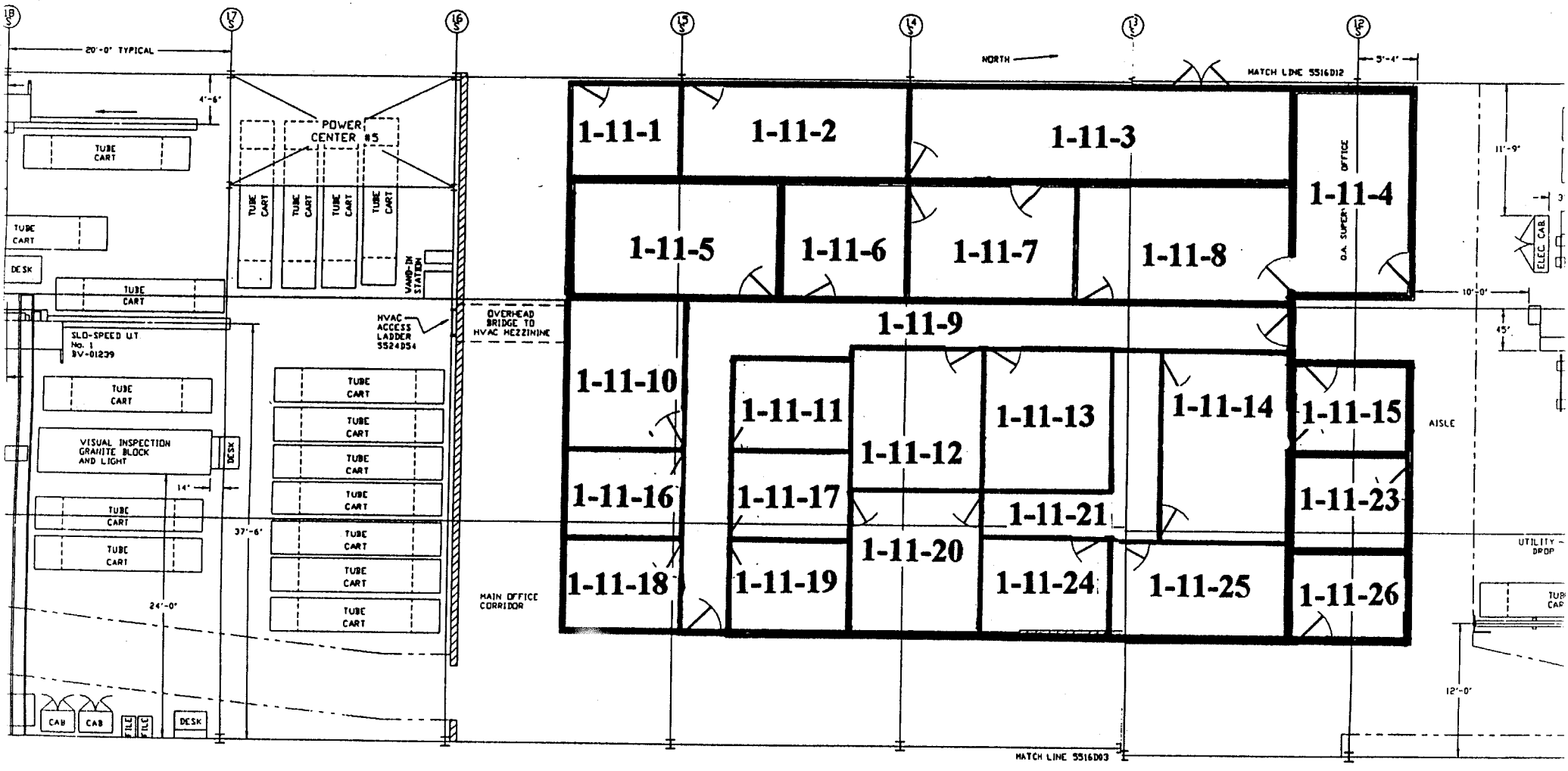
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
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 #:	01-288
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~~ N/A JHS

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

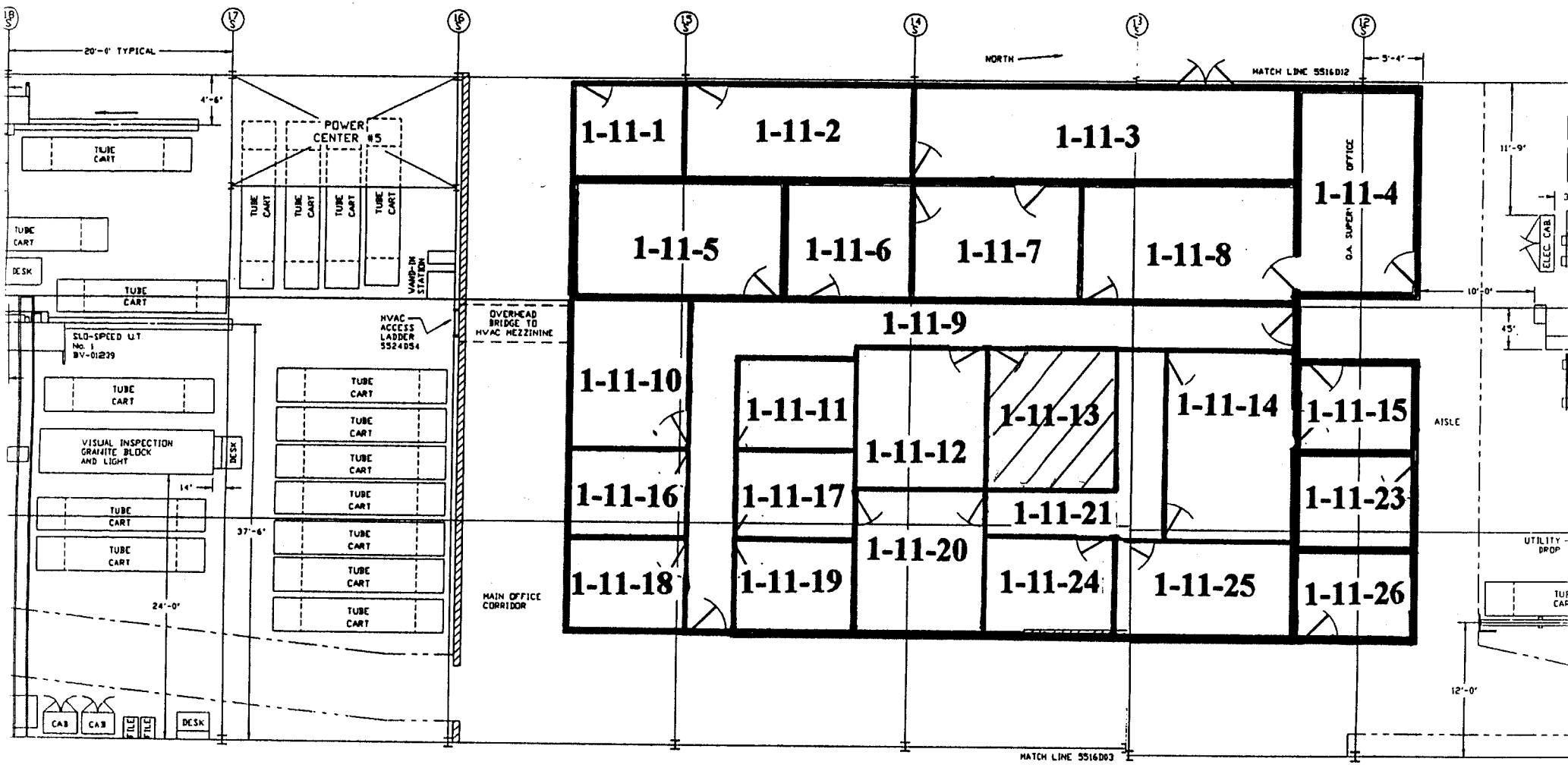
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
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 #:	01-289
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~~ N/A JTH

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	4	Gamma

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

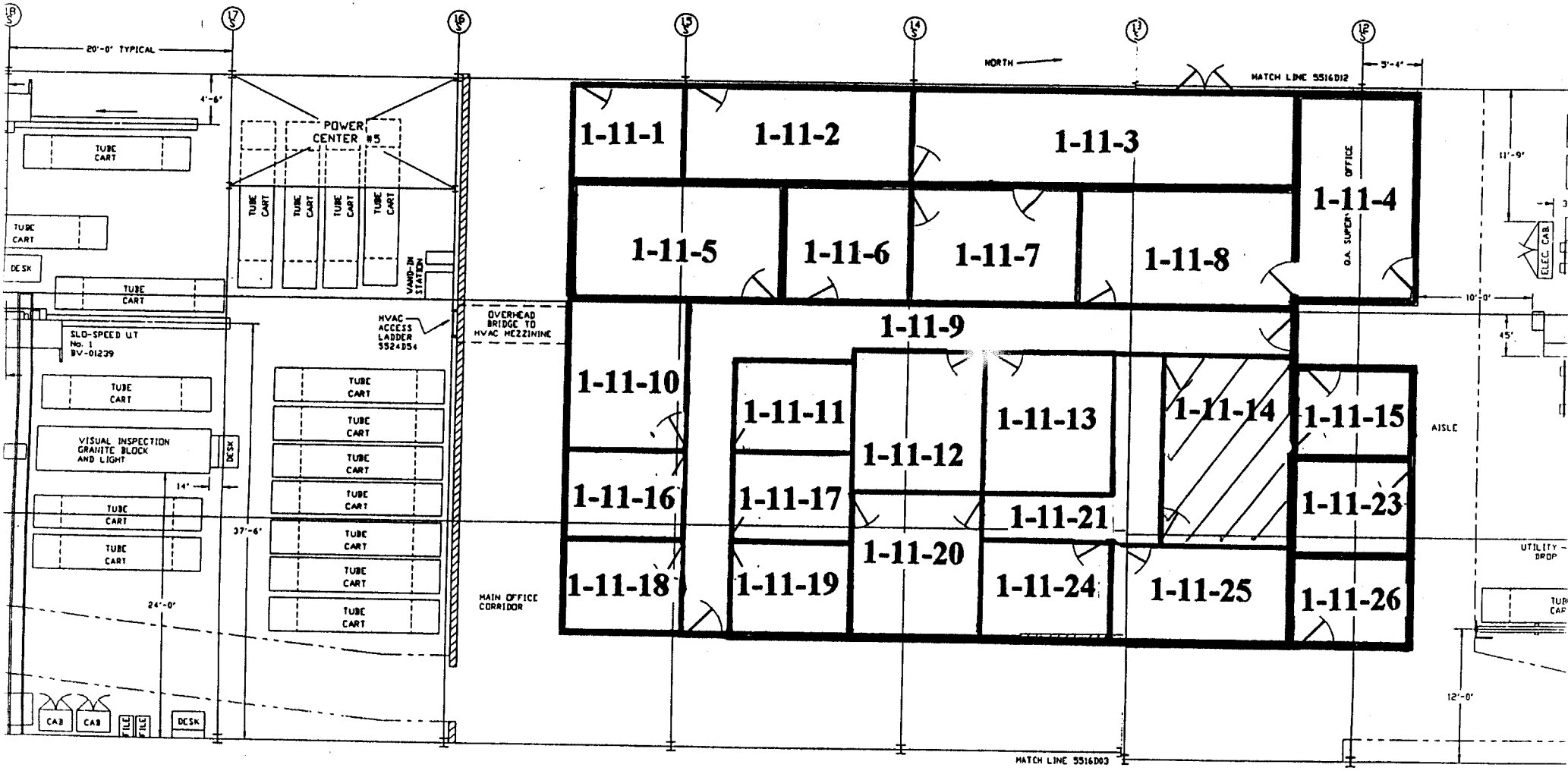
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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)



5516D08 REV 14

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:	~~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

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

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

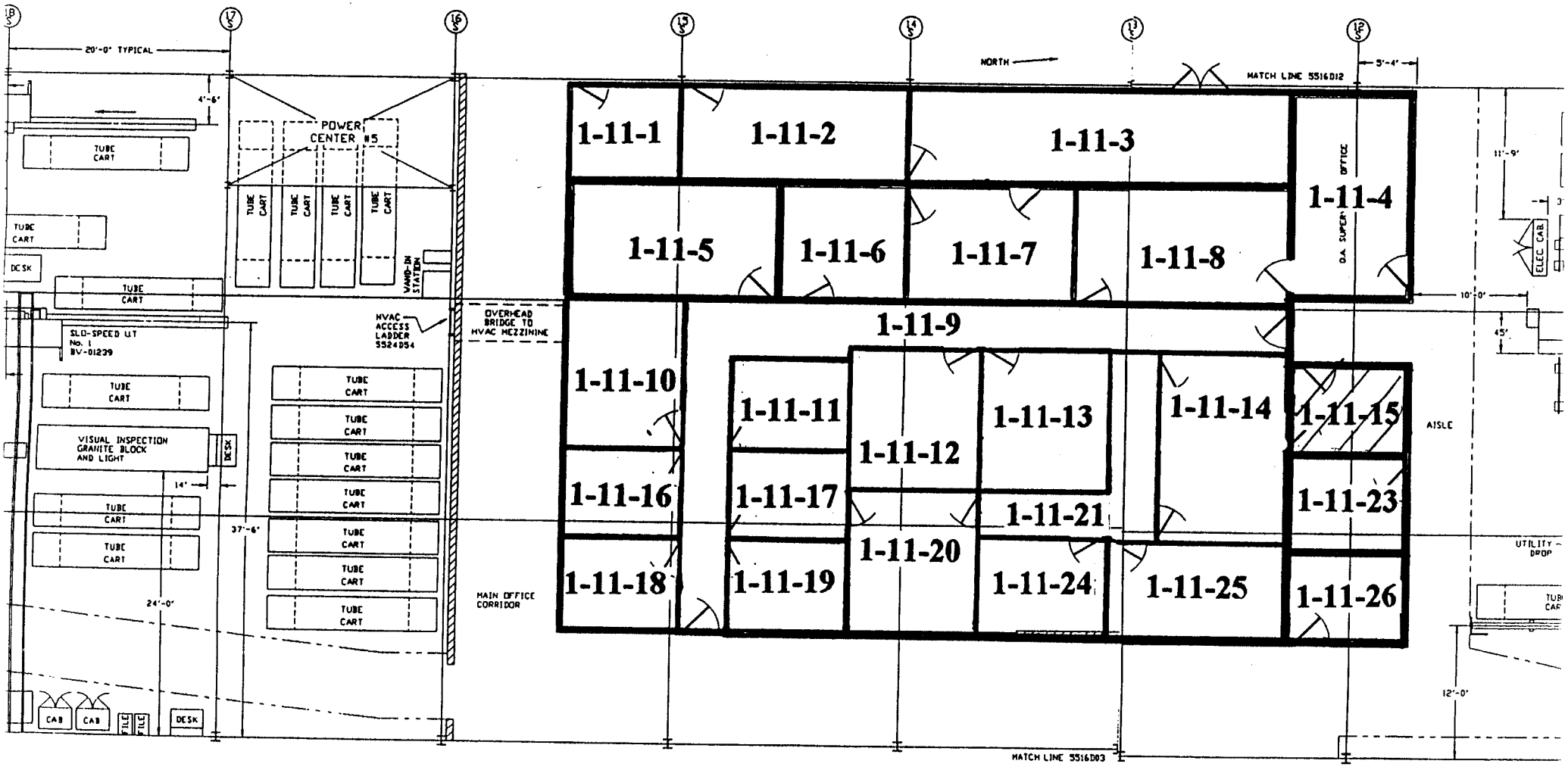
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
Classification:	4
Survey Type:	LOWER
Survey Date:	3/16/95
Count Date:	~~3/16/95~~ N/A JM

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

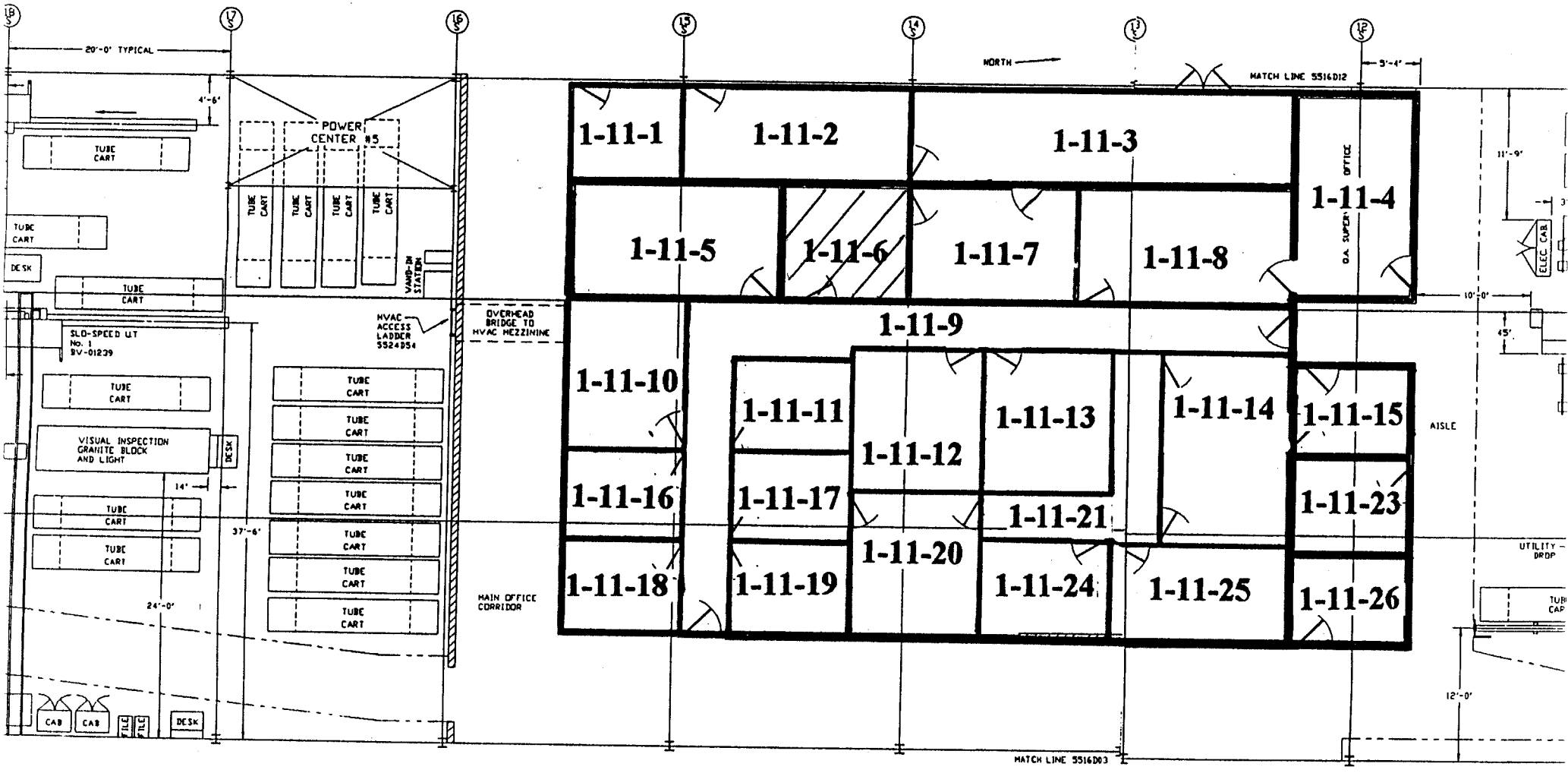
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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 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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

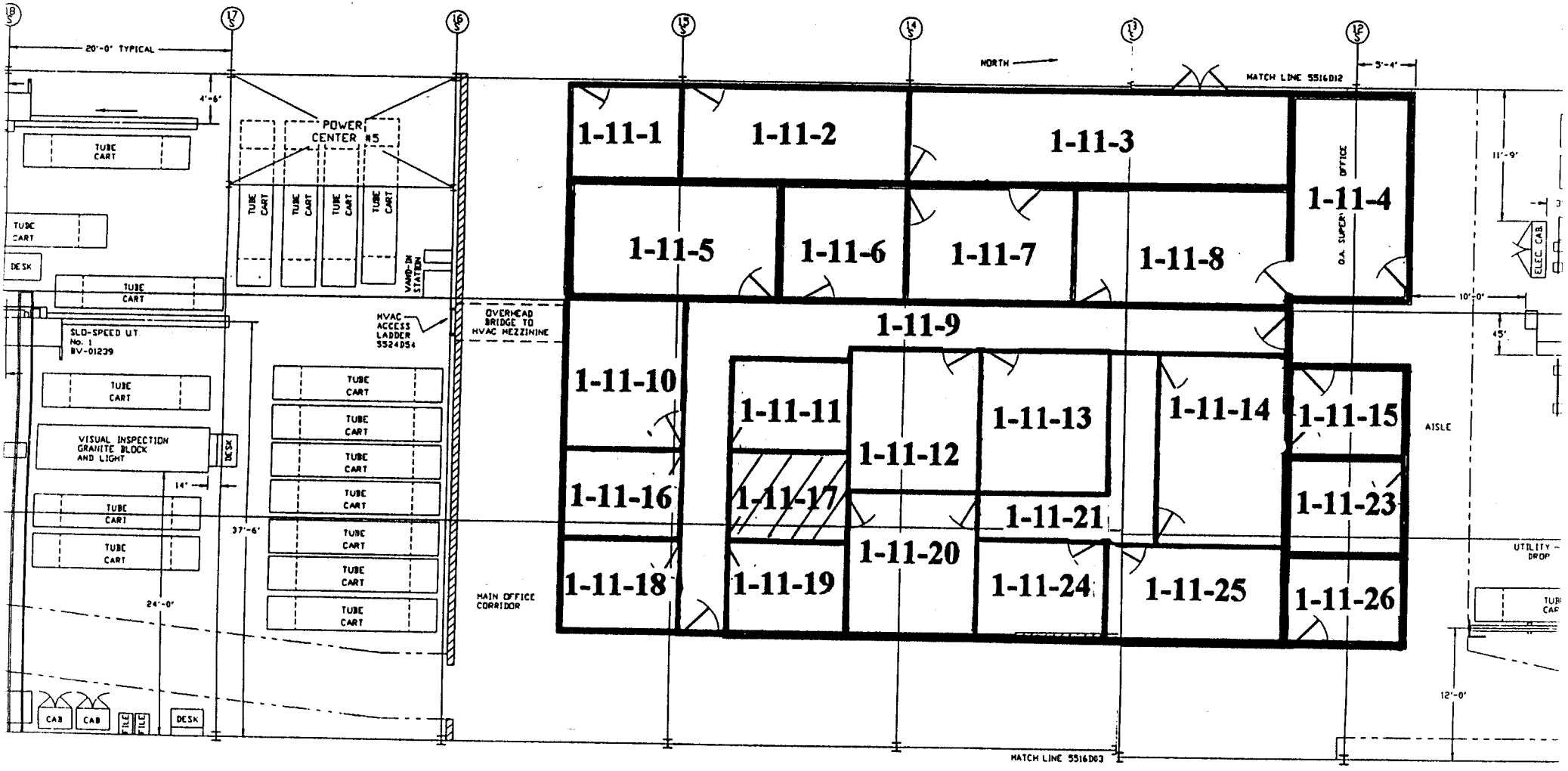
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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: VT

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



5516D08 REV 14

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. 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

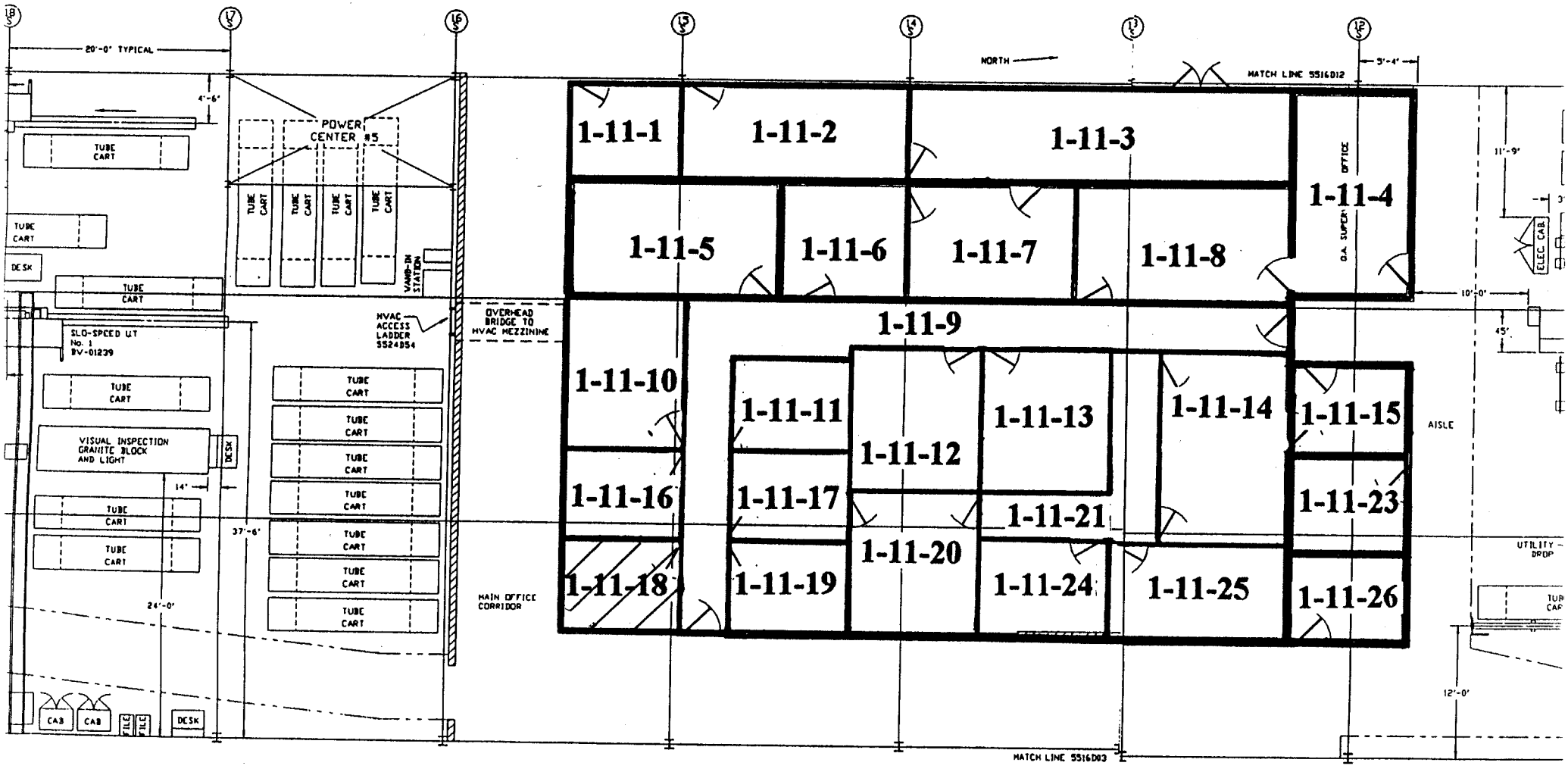
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

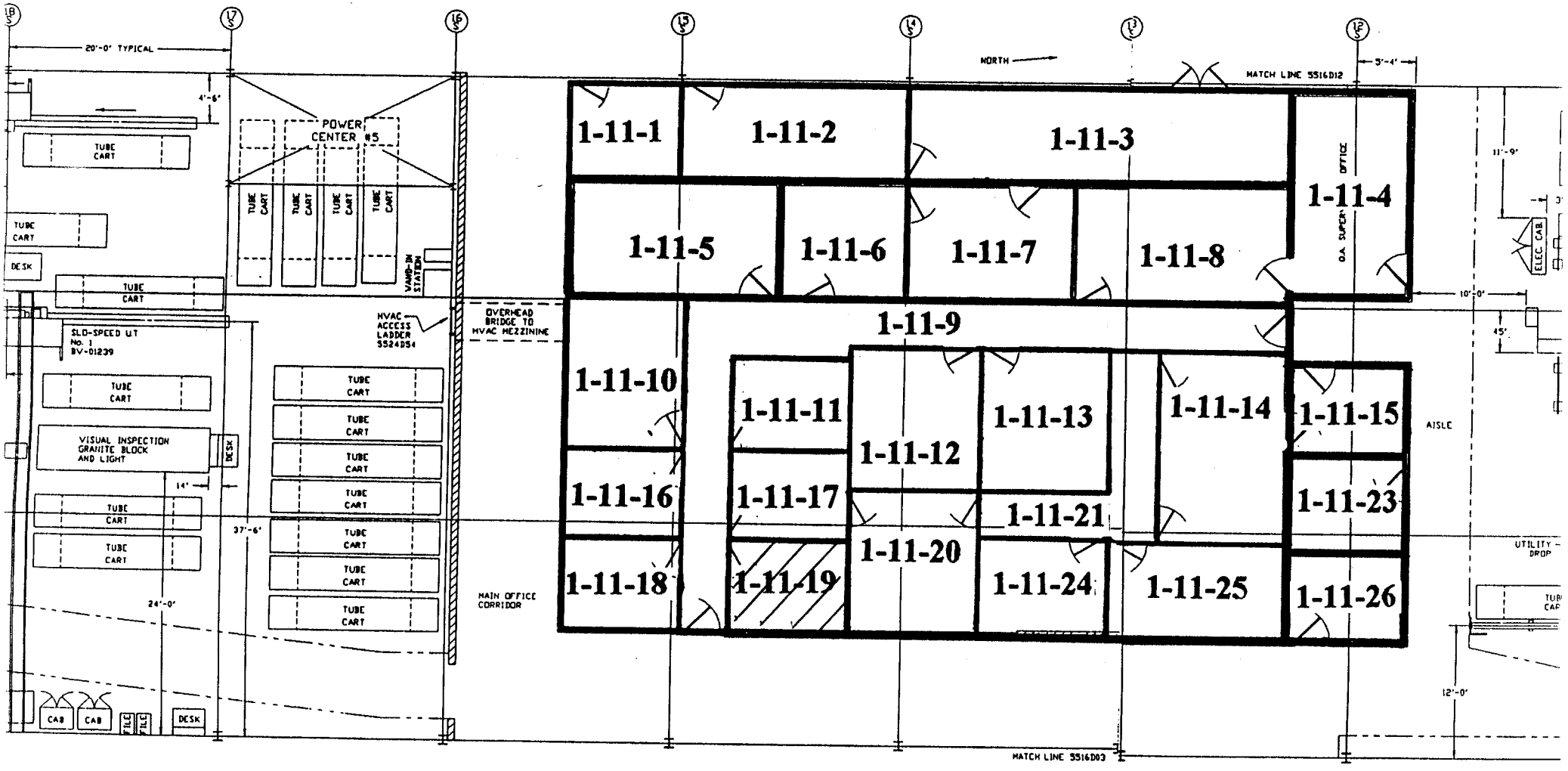
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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: 1-11-19
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 #:	01-295
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. 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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

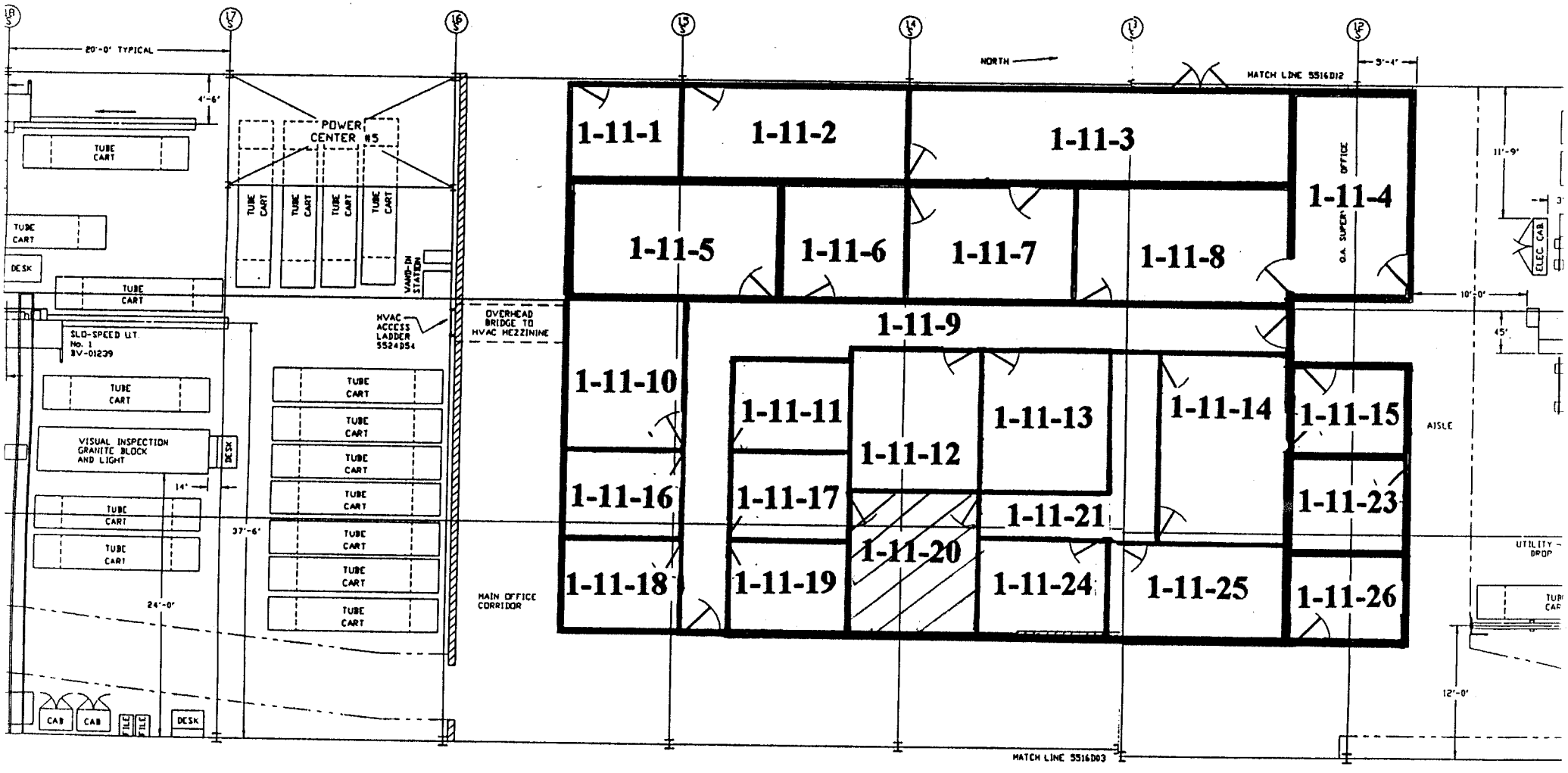
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
TILE FLOOR	2	-1.5	5	23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		2		3	N/A

UNIT: 1-11-20
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. 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

Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

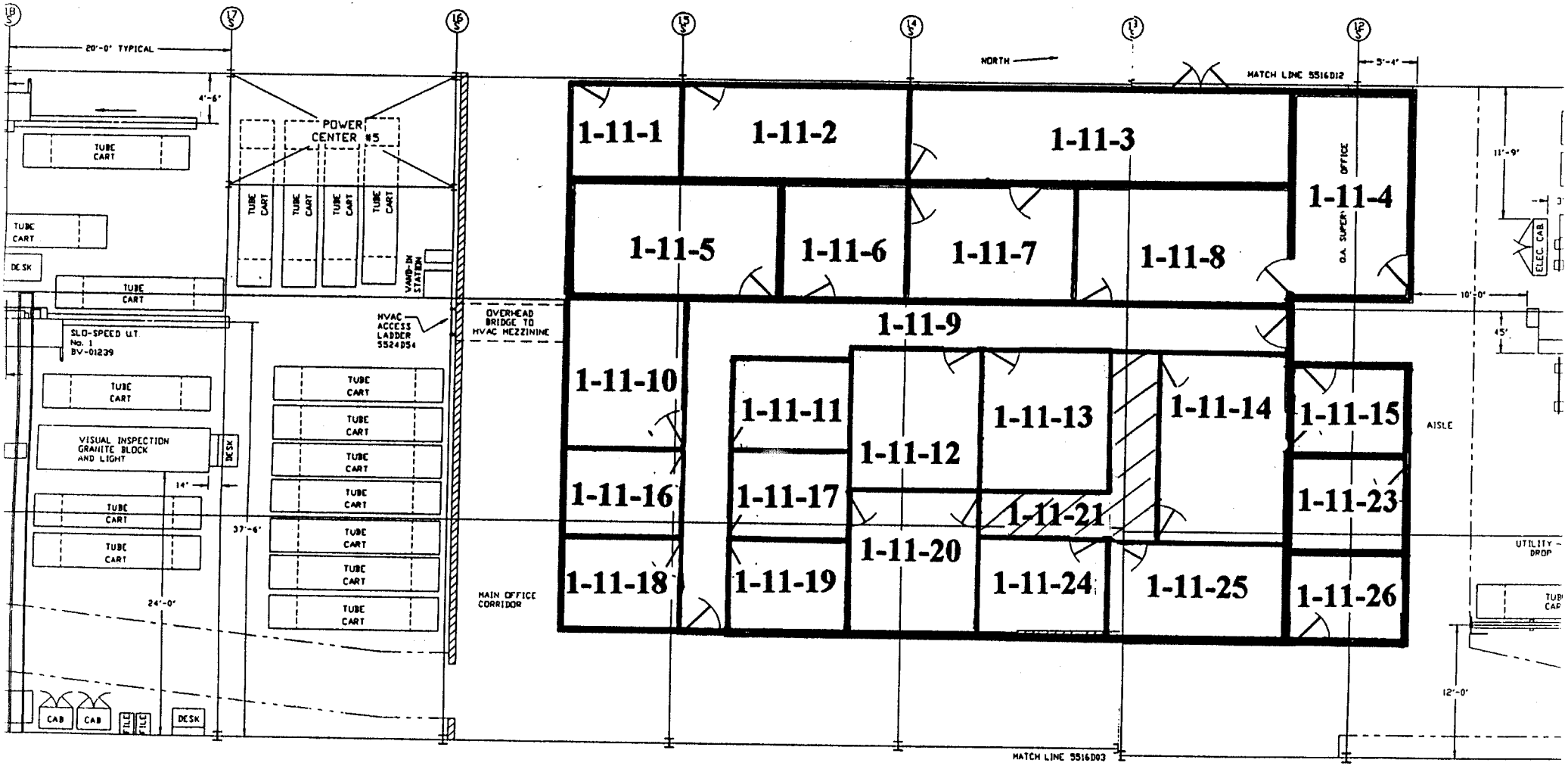
Beta Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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~~ 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

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	5	Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

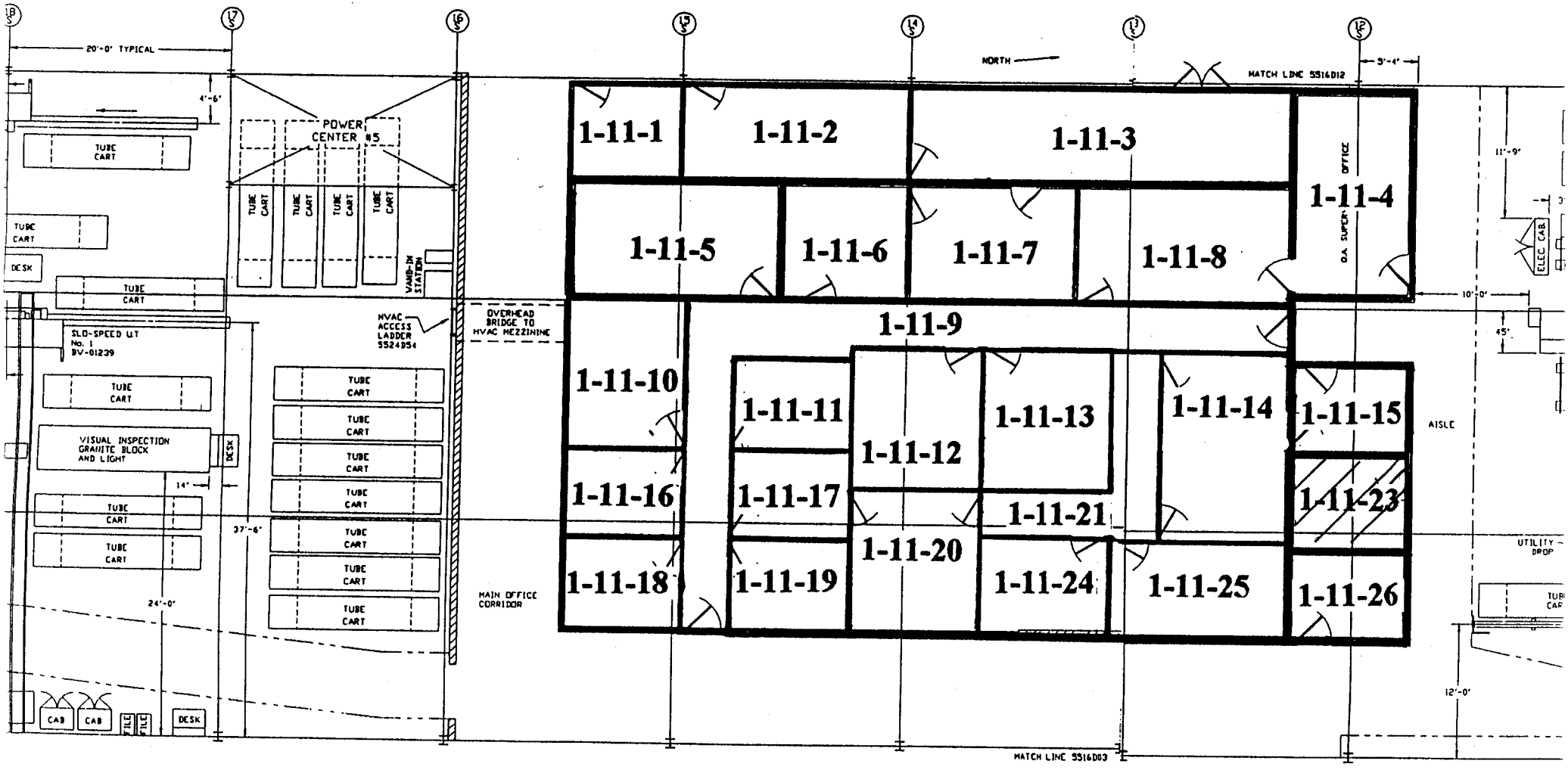
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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
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 #:	01-298
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 JTL

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

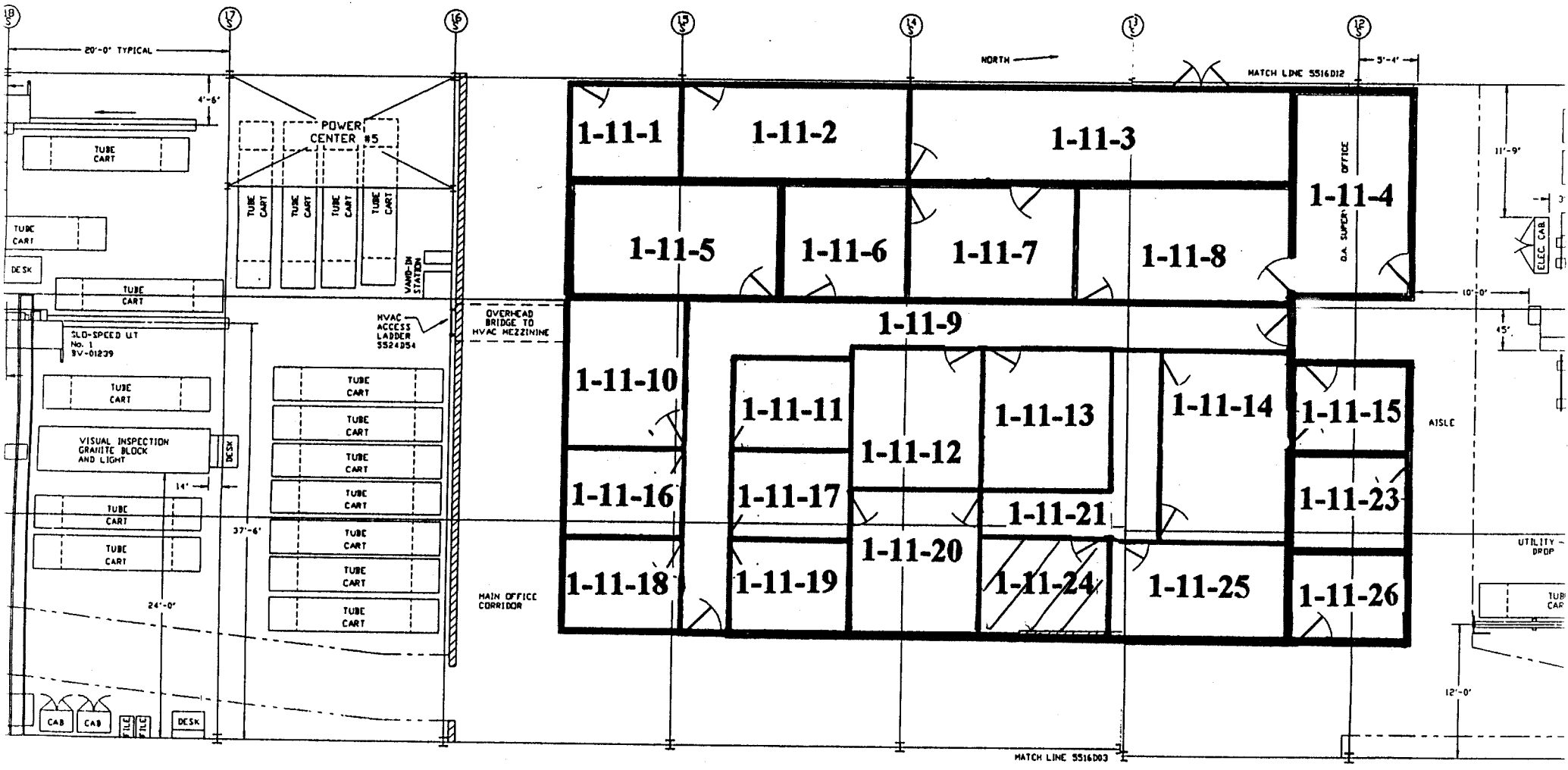
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

UNIT: 1-11-24
SN: 01298
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 #:	01-299
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 JHS

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Beta Counting Instruments

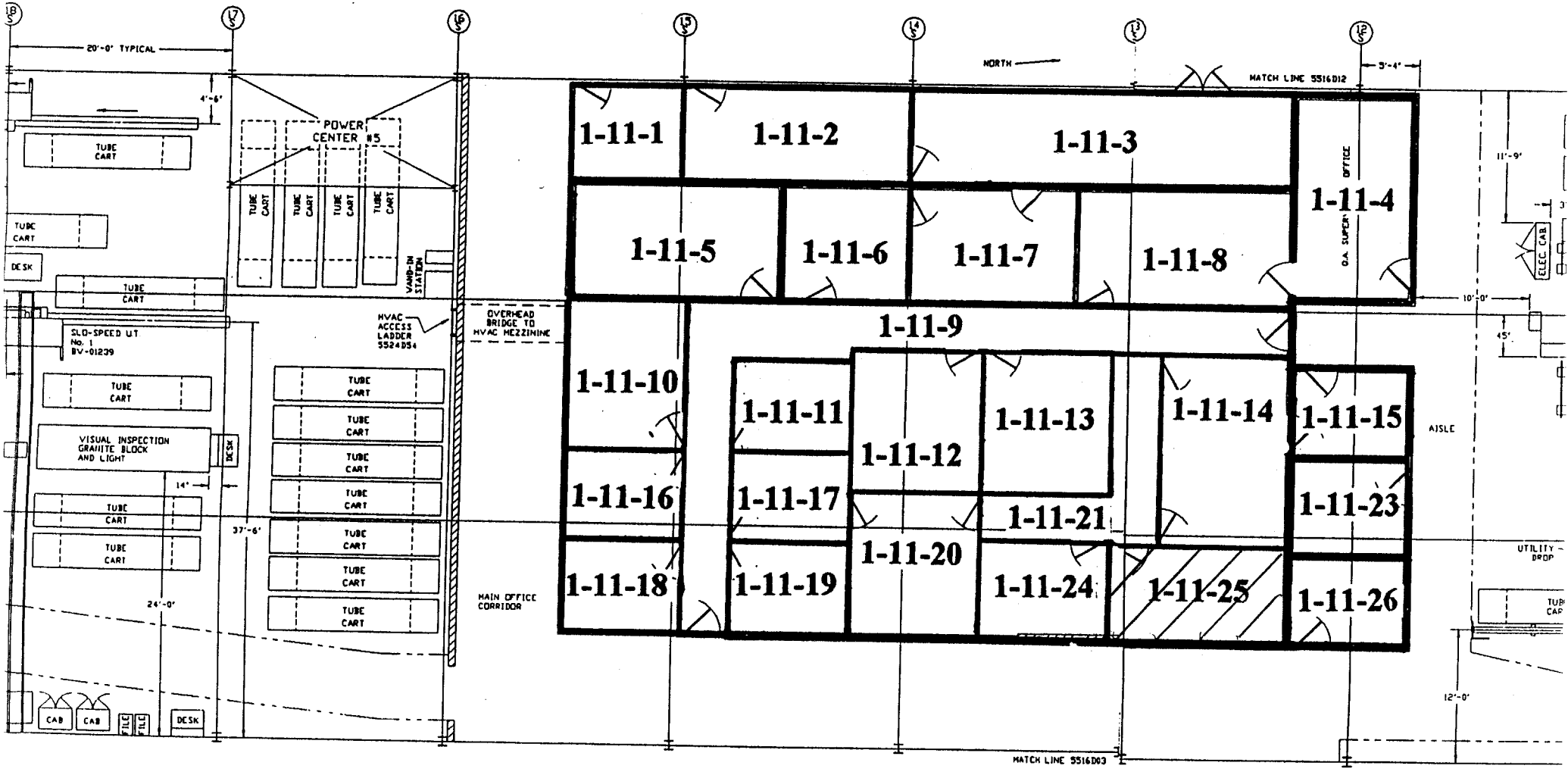
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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)



5516D08 REV 14

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. 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

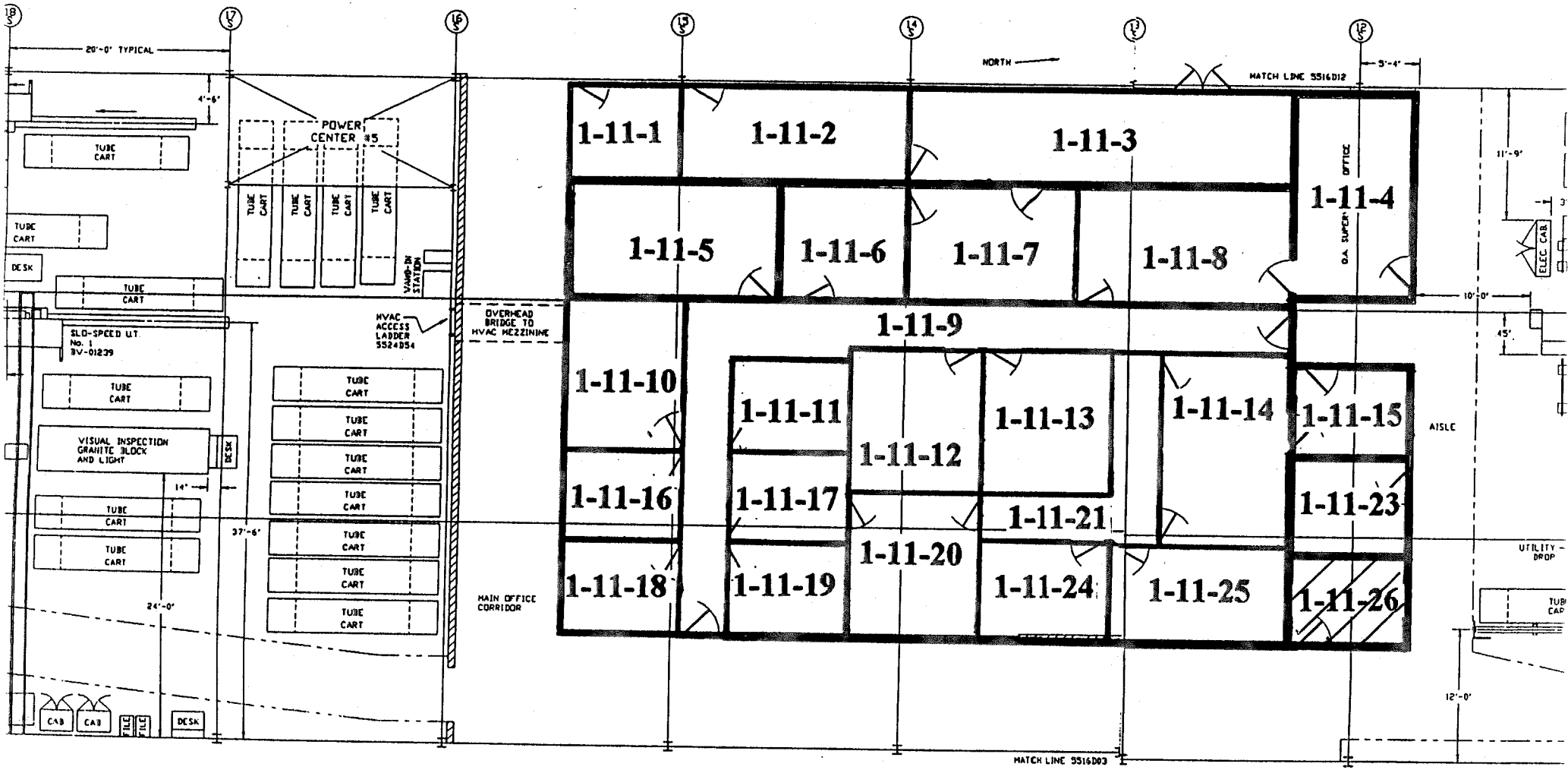
Gamma or Beta/Gamma Instruments			
Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	6	Gamma

Surveyor:	V. TAYLOR
Signature:	V. Taylor

Surface Description	Coordinates X	Coordinates Y	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 Max Beta	Scan Contact Gross CPM Avg Beta	Removable DPM/100 cm2 Alpha	Alpha Count Code	Removable DPM/100 cm2 Beta	Beta Count Code	Comments
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

UNIT: 1-11-26
SN: 01-296
DATE: 3-16-95
BY: VT

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



5516D08 REV 14