DIAGRAMS AND DATA SHEETS

FOR RADIOLOGICAL SURVEYS OF BUILDINGS

JULY 20, 2000

VOLUME 5 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 #:	01-301
Survey Section:	1
Survey Unit:	4
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	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
1595	12	32.4	3.09	300

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 STEEL	1	-1	N/A	N/A	N/A	N/A	3	8	293	12	340	250	0.76	2	-2.36	3	CEILING
PAINTED STEEL	2	-2	N/A	N/A	N/A	N/A	1	8	295	12	437	330	-0.74	2	-3.71	3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit Id: 1
Data file name: C:\LBXL\UNIT1\B01-301.XLD
Batch Ended: 6/5/95 10:34
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

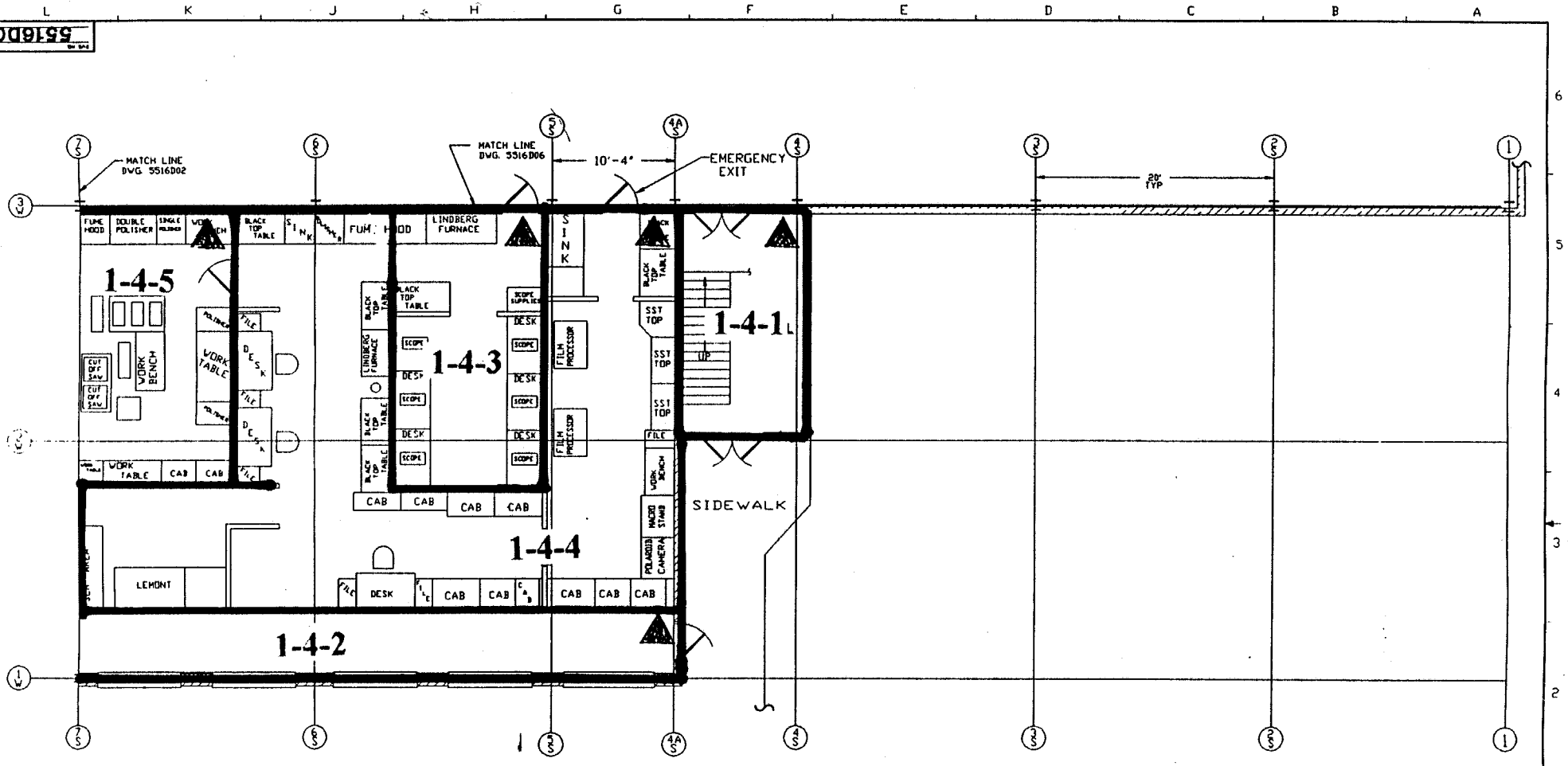
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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 1-4-3

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
85	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	6/5/95 10:32
86	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 10:34

UNIT: 1-4-3
SN: 01-301
DATE: 3-20-95
BY: DT/LS/CV



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

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3042706
5516D02
3042710

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA. USA

MAIN BUILDING
EQUIPMENT LAYOUT
QC LABS

SCALE .25 = 1.2

DWG. NO. 5516D01 REV 3

Blairsville Point Survey Form #003

Survey Serial #:	01-302
Survey Section:	1
Survey Unit:	4
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	300

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/L. SMITH
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 STEEL	2	-9	N/A	N/A	N/A	N/A	2	8	283	12	429	260	0.76	2	-3.71	3	CEILING
PAINTED STEEL	6	-9	N/A	N/A	N/A	N/A	1	8	250	12	452	270	0.76	2	0.34	3	CEILING
PAINTED STEEL	9	-9	N/A	N/A	N/A	N/A	3	8	271	12	382	270	-0.74	2	0.34	3	CEILING
PAINTED STEEL	9	-4	N/A	N/A	N/A	N/A	2	8	304	12	400	310	-0.74	2	-5.06	3	CEILING
PAINTED STEEL	9	-13.5	N/A	N/A	N/A	N/A	6	8	318	12	414	300	0.76	2	-1.01	3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-302.XLD
Batch Ended: 6/5/95 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

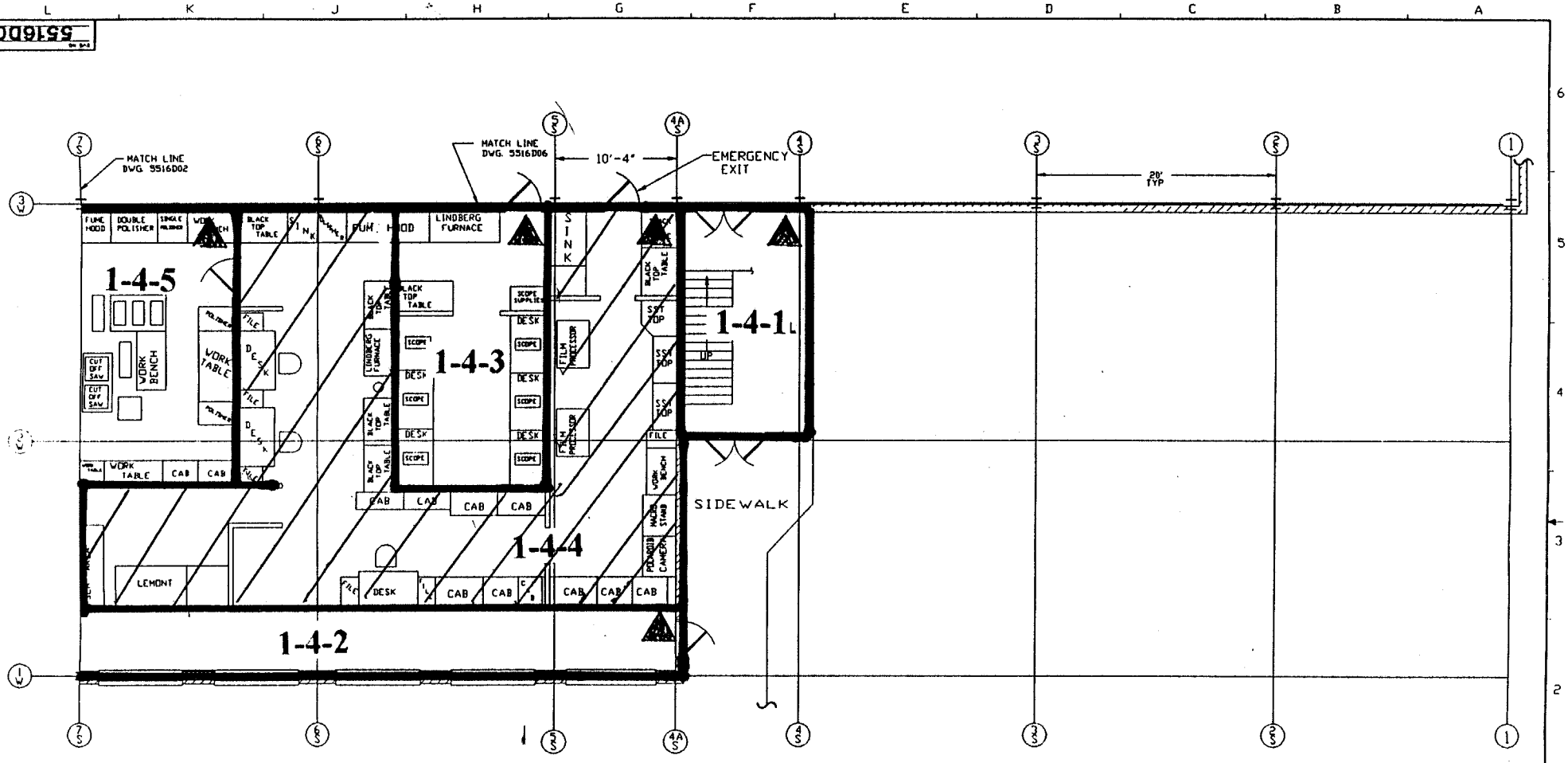
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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: Blairsville 1-4-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	6/5/95 12:45
2	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	6/5/95 12:47
3	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	6/5/95 12:50
4	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	6/5/95 12:52
5	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	6/5/95 12:54

UNIT: 1-4-4
SN: 01-302
DATE: 3-20-95
BY: VT/LS/CV



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3D42706
5516D02
3D42710

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
QC LABS

SCALE 25 = 12

5516D01 REV 3

Blairsville Point Survey Form #003

Survey Serial #:	01-303

Survey Section:	1
Survey Unit:	4
Survey Sub-unit:	5

Classification:	4
Survey Type:	UPPER

Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	300

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/L. SMITH
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 STEEL	1.5	0	N/A	N/A	N/A	N/A	0	8	280	12	378	250	-0.74	2	-3.71	3	CEILING
PAINTED STEEL	3.5	-1.3	N/A	N/A	N/A	N/A	0	8	295	12	390	260	-0.74	2	3.04	3	CEILING
PAINTED STEEL	4.5	-3.5	N/A	N/A	N/A	N/A	10	8	259	12	375	250	-0.74	2	1.69	3	CEILING
PAINTED STEEL	1.5	-3.3	N/A	N/A	N/A	N/A	6	8	288	12	351	280	0.76	2	1.69	3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-303.XLD
Batch Ended: 6/5/95 10:43
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

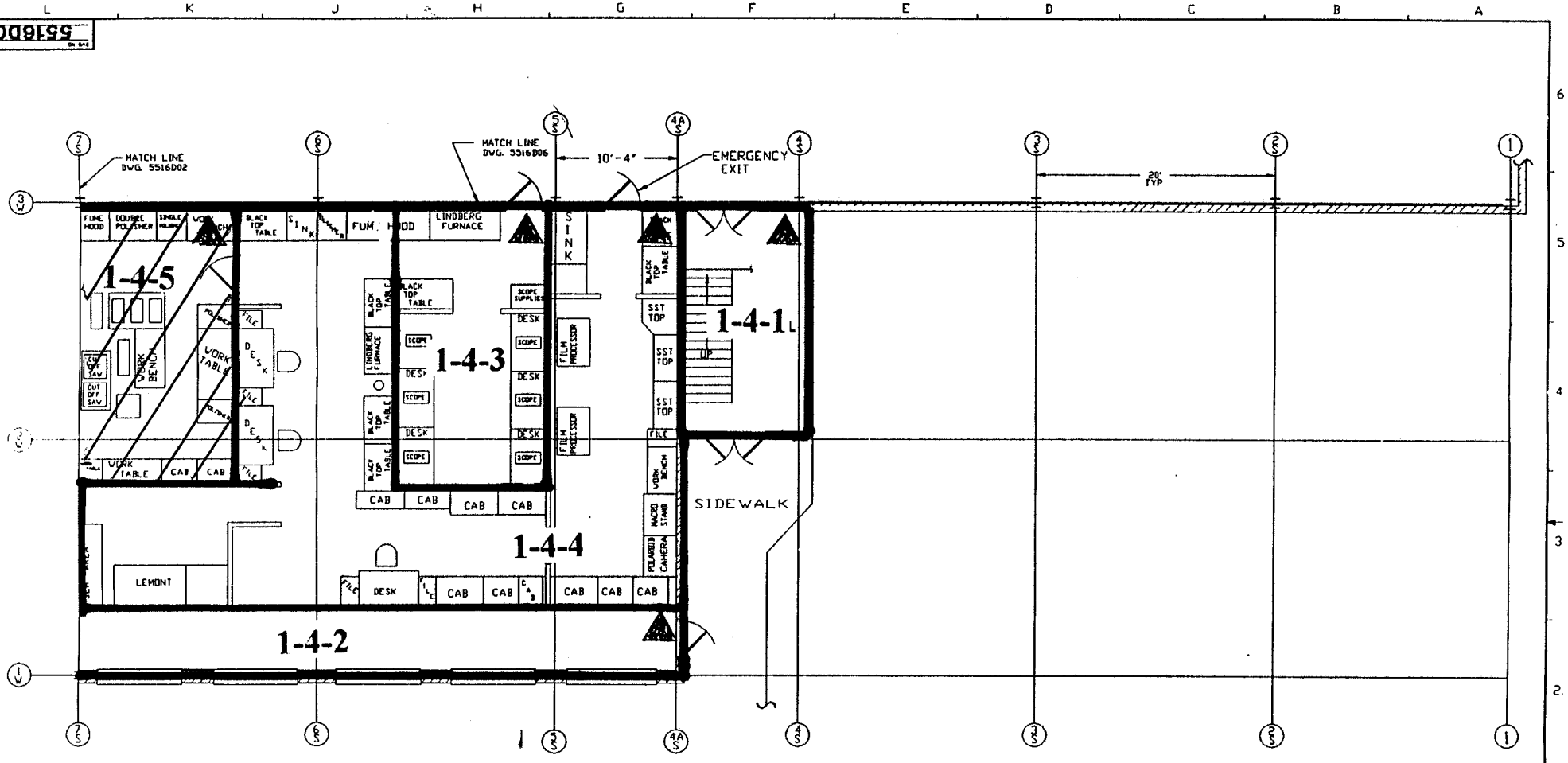
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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 1-4-5

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
87	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 10:36
88	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	6/5/95 10:38
89	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 10:41
90	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	6/5/95 10:43

UNIT: 1-4-5
SN: 01303
DDTC: 3-20-95
BY: VT/LS/CV



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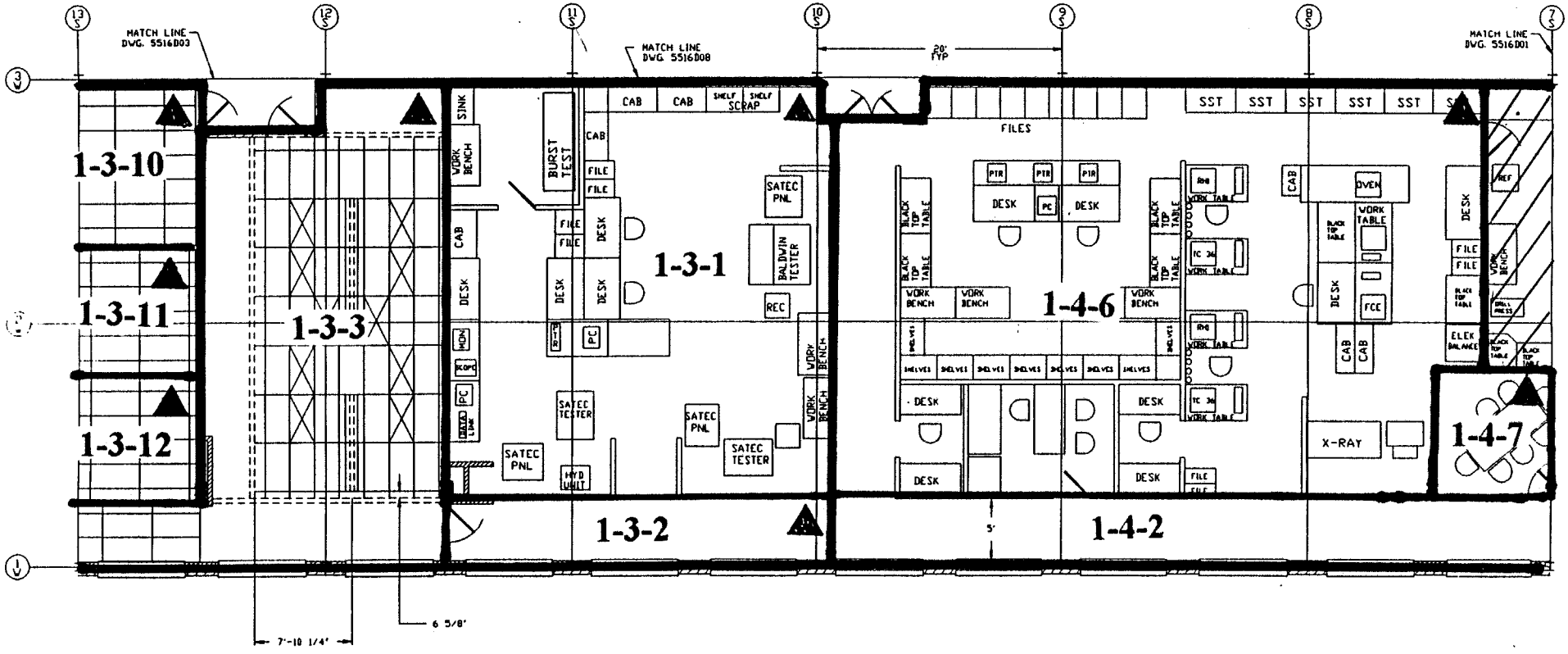
3042706
5515D02
3042710

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
QC LABS

SCALE 25 = 12
SHT 1 OF 1 SHTS
DWG. NO. 5516D01
REV 3

UNIT: 1-45
SN: 01-803
DATE: 3-20-95
BY: VT/LS/CV



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
DC LABS

SCALE 25 = 12
SHT 1 OF 1 SHTS
DWG NO. 5516D02
REV 5

Blairsville Point Survey Form #003

Survey Serial #:	01-304
Survey Section:	1
Survey Unit:	4
Survey Sub-unit:	6
Classification:	4
Survey Type:	UPPER
Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	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
1595	12	32.4	3.09	300

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/L. SMITH
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
PAINTED STEEL	3.5	-1.5	N/A	N/A	N/A	N/A	3	8	312	12	406	290	-0.74	2	-2.36	3	CEILING
PAINTED STEEL	5.5	-1.5	N/A	N/A	N/A	N/A	2	8	296	12	353	250	-0.74	2	1.69	3	CEILING
PAINTED STEEL	7	-2.5	N/A	N/A	N/A	N/A	1	8	277	12	403	270	-0.74	2	-2.36	3	CEILING
PAINTED STEEL	9.5	-2.5	N/A	N/A	N/A	N/A	4	8	277	12	425	260	0.76	2	0.34	3	CEILING
PAINTED STEEL	7	-4.5	N/A	N/A	N/A	N/A	1	8	252	12	415	280	0.76	2	-5.06	3	CEILING
PAINTED STEEL	2.5	-5	N/A	N/A	N/A	N/A	4	8	285	12	330	280	0.76	2	1.69	3	CEILING
PAINTED STEEL	1.5	-6.5	N/A	N/A	N/A	N/A	2	8	291	12	318	250	2.26	2	1.69	3	CEILING
PAINTED STEEL	2.5	-9.5	N/A	N/A	N/A	N/A	1	8	252	12	277	240	2.26	2	-1.01	3	CEILING
PAINTED STEEL	1.5	-12	N/A	N/A	N/A	N/A	2	8	280	12	283	240	0.76	2	-5.06	3	CEILING
PAINTED STEEL	5	-12	N/A	N/A	N/A	N/A	3	8	263	12	344	270	-0.74	2	1.69	3	CEILING
PAINTED STEEL	9	-15	N/A	N/A	N/A	N/A	3	8	293	12	345	250	0.76	2	-5.06	3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-304.XLD
Batch Ended: 6/5/95 13:18
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

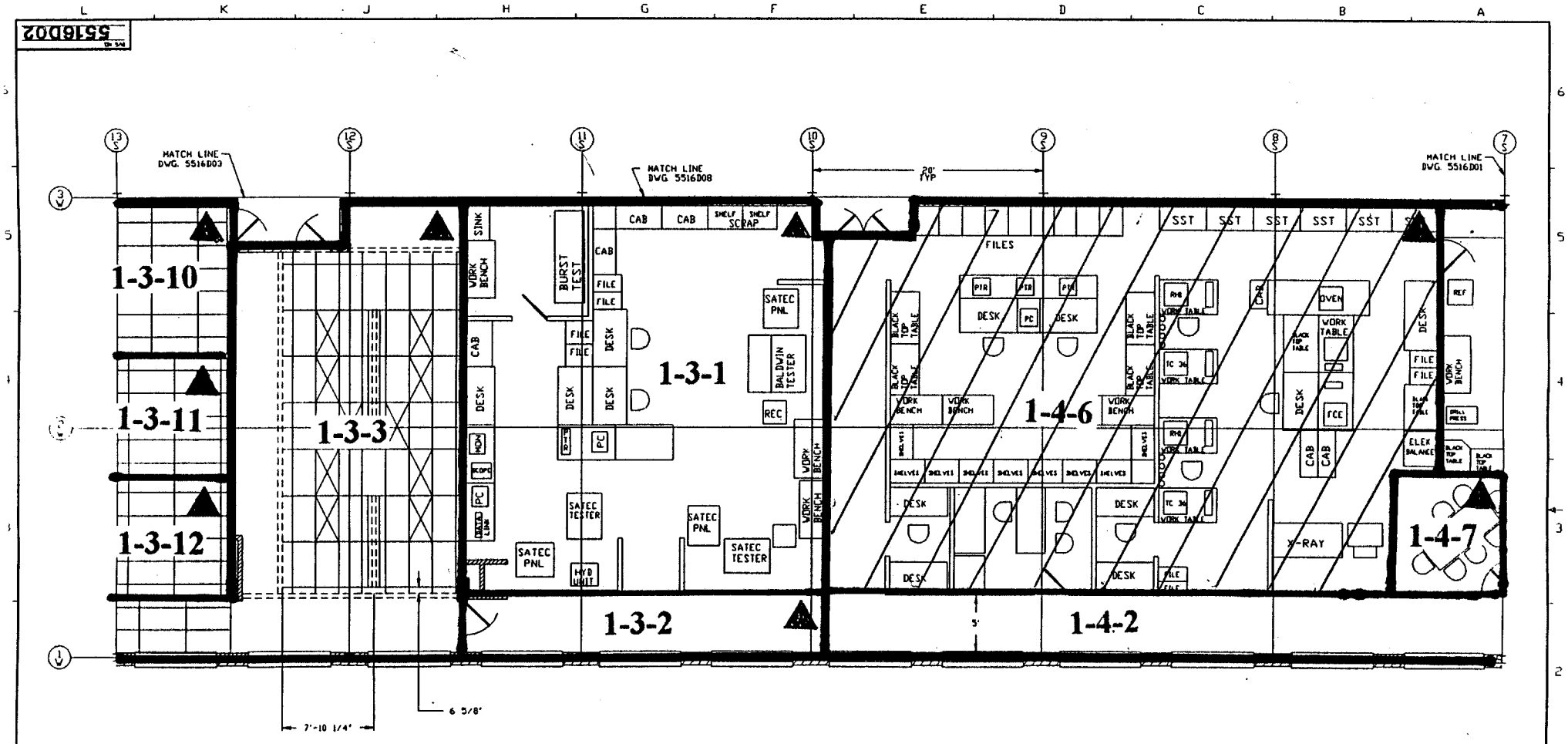
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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 1-4-6

	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	6/5/95 12:56
7	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 12:58
8	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	6/5/95 13:01
9	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	6/5/95 13:03
10	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	6/5/95 13:05
11	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	6/5/95 13:07
12	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	6/5/95 13:09
13	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	6/5/95 13:12
14	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	6/5/95 13:14
15	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 13:16
16	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	6/5/95 13:18

UNIT: 1-4-6
SN: 01-304
DATE: 3-20-95
BY: VT/LS/CW



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

WESTINGHOUSE PROPRIETARY DATA

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DES BY/N V. CLAWSON 1/10/94

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

TITLE MAIN BUILDING
EQUIPMENT LAYOUT
DC ARS

SCALE 25 = 12 SHT 1 OF 1 SHTS DWG NO 5516D02 REV 5

Blairsville Point Survey Form #003

Survey Serial #:	01-305

Survey Section:	1
Survey Unit:	4
Survey Sub-unit:	2

Classification:	4
Survey Type:	UPPER

Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	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
1595	12	32.4	3.09	300

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/ L. SMITH
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 STEEL	0.5	-26	N/A	N/A	N/A	N/A	0	8	318	12	479	280	0.76	2	1.69	3	CEILING
PAINTED STEEL	0.5	-22	N/A	N/A	N/A	N/A	6	8	304	12	359	270	0.76	2	-1.01	3	CEILING
PAINTED STEEL	0.5	-18	N/A	N/A	N/A	N/A	3	8	273	12	357	280	3.76	2	0.34	3	CEILING
PAINTED STEEL	0.5	-14	N/A	N/A	N/A	N/A	3	8	301	12	308	280	-0.74	2	-2.36	3	CEILING
PAINTED STEEL	0.5	-11	N/A	N/A	N/A	N/A	0	8	282	12	467	300	-0.74	2	-1.01	3	CEILING
PAINTED STEEL	0.5	-7	N/A	N/A	N/A	N/A	2	8	321	12	333	260	-0.74	2	-3.71	3	CEILING
PAINTED STEEL	0.5	-4	N/A	N/A	N/A	N/A	3	8	290	12	428	300	0.76	2	0.34	3	CEILING
PAINTED STEEL	0.5	-0.5	N/A	N/A	N/A	N/A	1	8	281	12	354	270	-0.74	2	1.69	3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-305.XLD
Batch Ended: 6/5/95 13:42
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

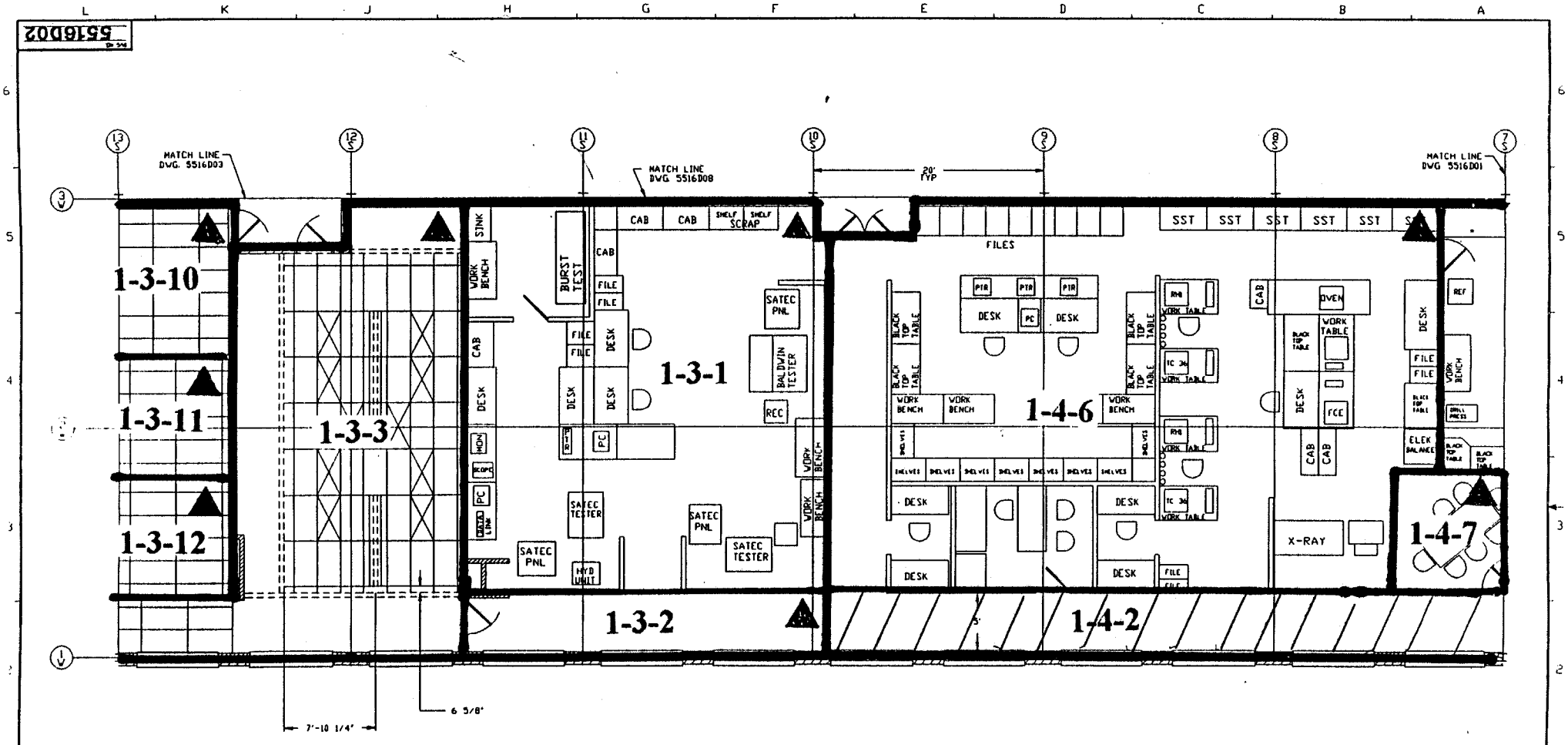
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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 1-4-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
17	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	6/5/95 13:20
18	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	6/5/95 13:29
19	3.756	2.60	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	1.254	0.13	6/5/95 13:31
20	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	6/5/95 13:33
21	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	6/5/95 13:35
22	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 13:37
23	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	6/5/95 13:40
24	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 13:42

UNIT: 1-4-2
SN: 01305
DATE: 3-20-95
BY: VT/WS/CV



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

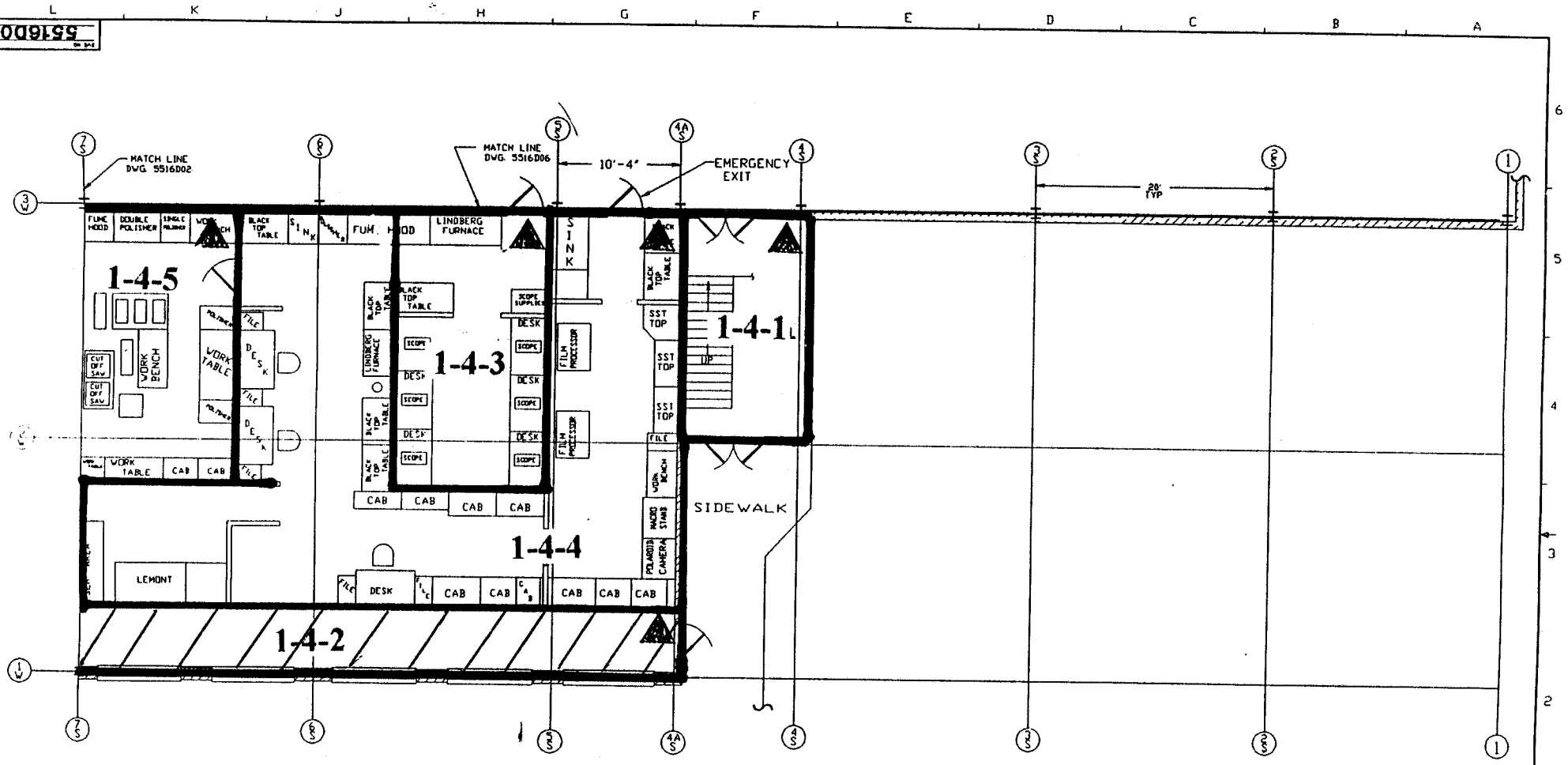
WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
QC LAB

SCALE 25 = 12 | SHT 1 OF 1 SHTS | DWG NO. 5516D02 | REV 5

UNIT: 1-4-2
SN: 01305
DATE: 3-20-95
BY: VT/LS/CV



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

WESTINGHOUSE PROPRIETARY DATA

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3042706
5515D02
3042710

DES BY/DR V. CLAWSON 1/31/74

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT O.C. LABS

SCALE 25 = 12

5516D01 REV 3

Blairsville Point Survey Form #003

Survey Serial #:	01-306

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

Classification:	4
Survey Type:	UPPER

Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	244

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/L. SMITH
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 STEEL	1	-2	N/A	N/A	N/A	N/A	1	8	269	12	407	260	-0.74	2	1.69	3	CEILING
PAINTED STEEL	4	-3	N/A	N/A	N/A	N/A	3	8	297	12	404	270	-0.74	2	1.69	3	CEILING
PAINTED STEEL	7	-3	N/A	N/A	N/A	N/A	3	8	289	12	382	300	0.76	2	-1.01	3	CEILING
PAINTED STEEL	5	-7	N/A	N/A	N/A	N/A	6	8	248	12	381	300	-0.74	2	0.34	3	CEILING
PAINTED STEEL	7.5	-7	N/A	N/A	N/A	N/A	2	8	288	12	366	270	-0.74	2	-1.01	3	CEILING
PAINTED STEEL	10	-4	N/A	N/A	N/A	N/A	1	8	278	12	394	290	-0.74	2	-3.71	3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-306.XLD
Batch Ended: 6/5/95 13:55
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

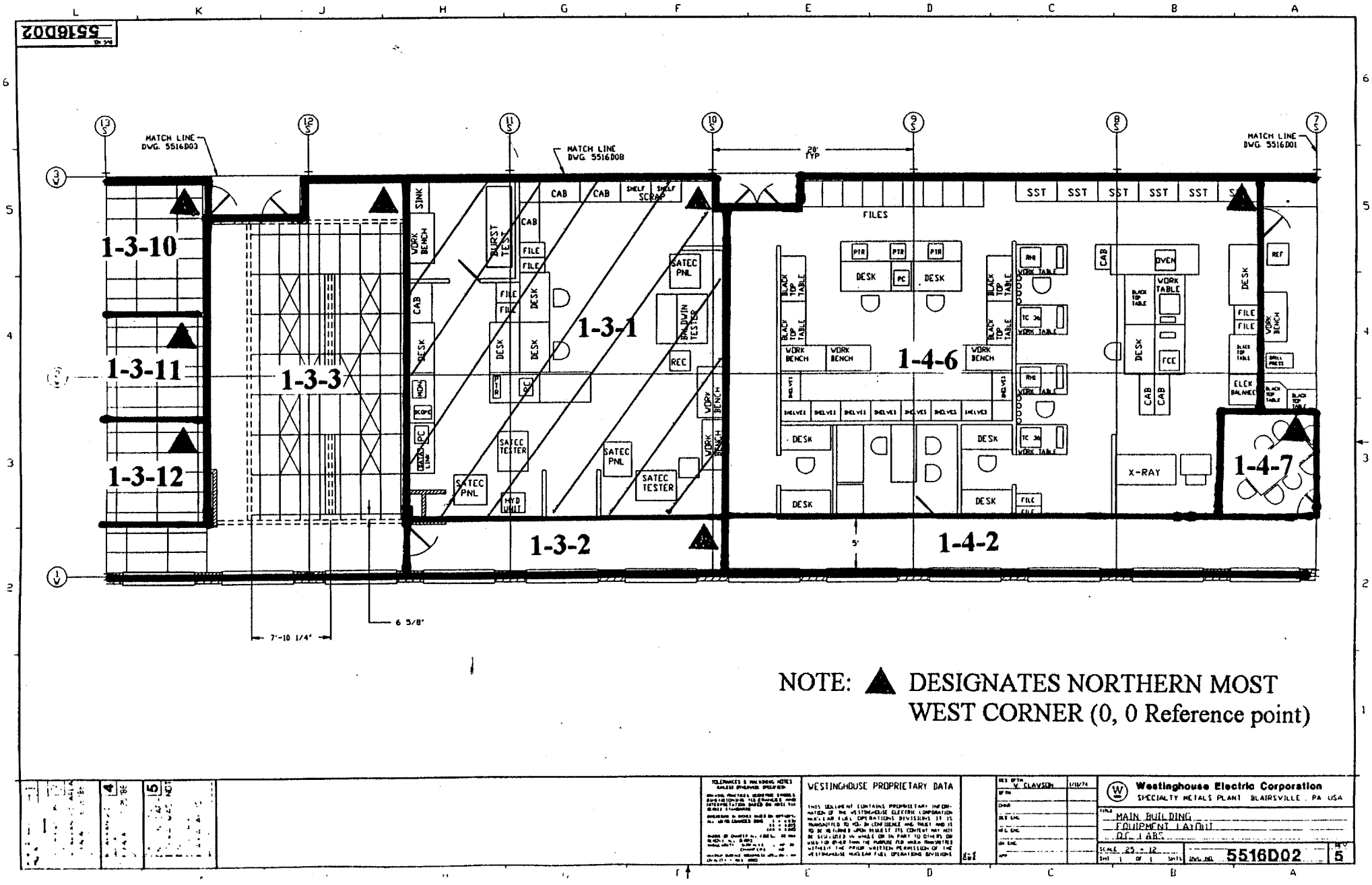
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.37%
Alpha to Beta Crosstalk: 24.79%
Alpha Background (CPM): 0.246428571
Alpha Correction Factor: 1.000

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 1-3-1

	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	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 13:44
26	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	6/5/95 13:46
27	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	6/5/95 13:49
28	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	6/5/95 13:51
29	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	6/5/95 13:53
30	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 13:55

UNIT: 1-3-1
SN: 01306
DATE: 3-20-95
BY: VT/CV/LS



Blairsville Point Survey Form #003

Survey Serial #:	01-307
Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	20.3	4.93	4

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	244

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

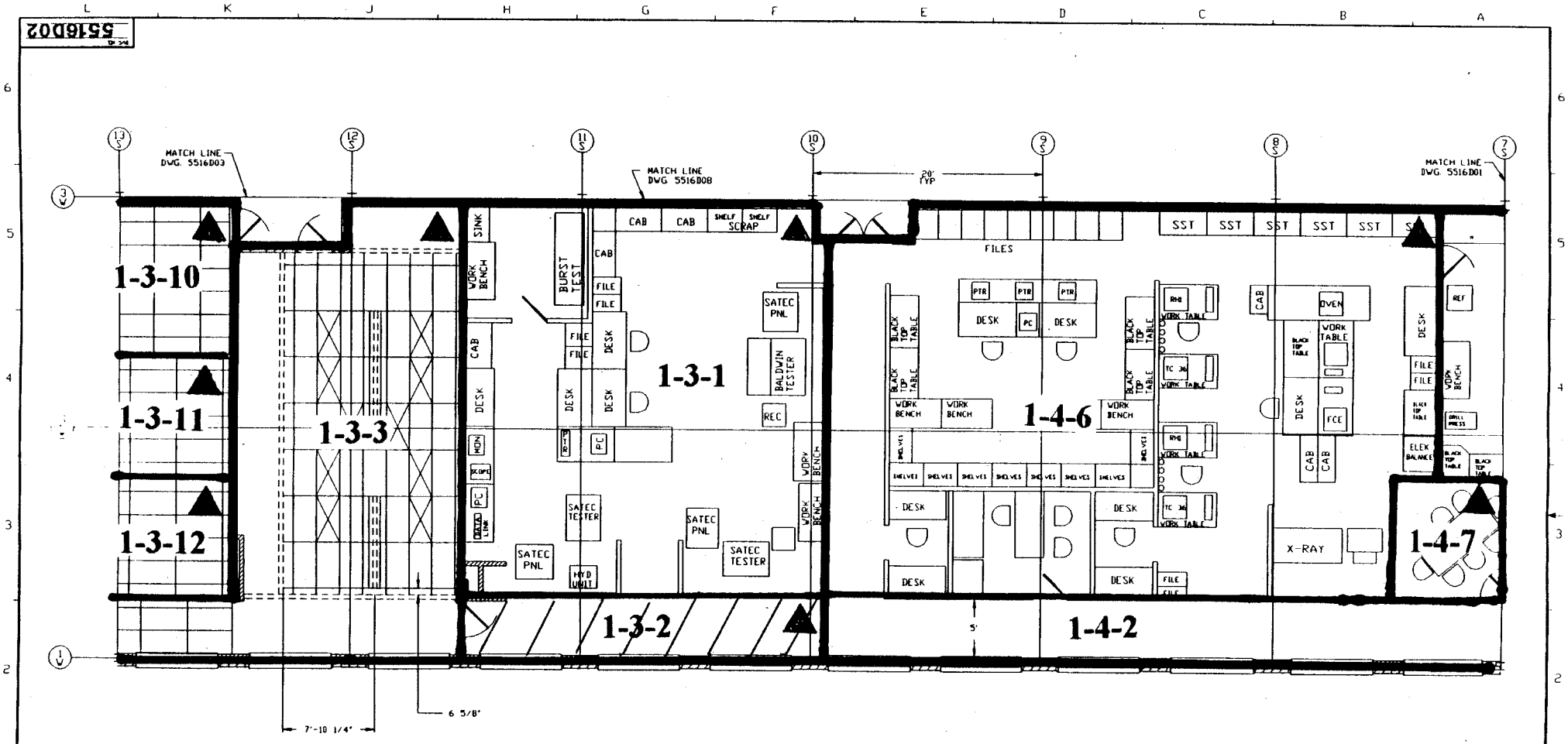
Alpha Counting Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

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

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 STEEL	0.5	-3	N/A	N/A	N/A	N/A	3	8	327	12	405	300	2.26	2	-3.71	3	CEILING
PAINTED STEEL	0.5	7.5	N/A	N/A	N/A	N/A	7	8	303	12	395	300	-0.74	2	-2.36	3	CEILING

UNIT: 1-3-2
SN: 01-307
DATE: 3-20-95
BY: VT/LS/CV



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

WESTINGHOUSE PROPRIETARY DATA

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DES DFTN V. CLAWSON 1/11/74

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT QC LABS

SCALE 25 - 12
SHT 1 OF 1 SHTS
DWG NO. 5516D02
REV 5

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-307.XLD
Batch Ended: 6/5/95 13:59
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 1-3-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
31	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	6/5/95 13:57
32	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	6/5/95 13:59

Blairsville Point Survey Form #003

Survey Serial #:	B01-308
Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	3/20/95
Count Date:	6/5/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	244

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	33.96	2.94	0.34

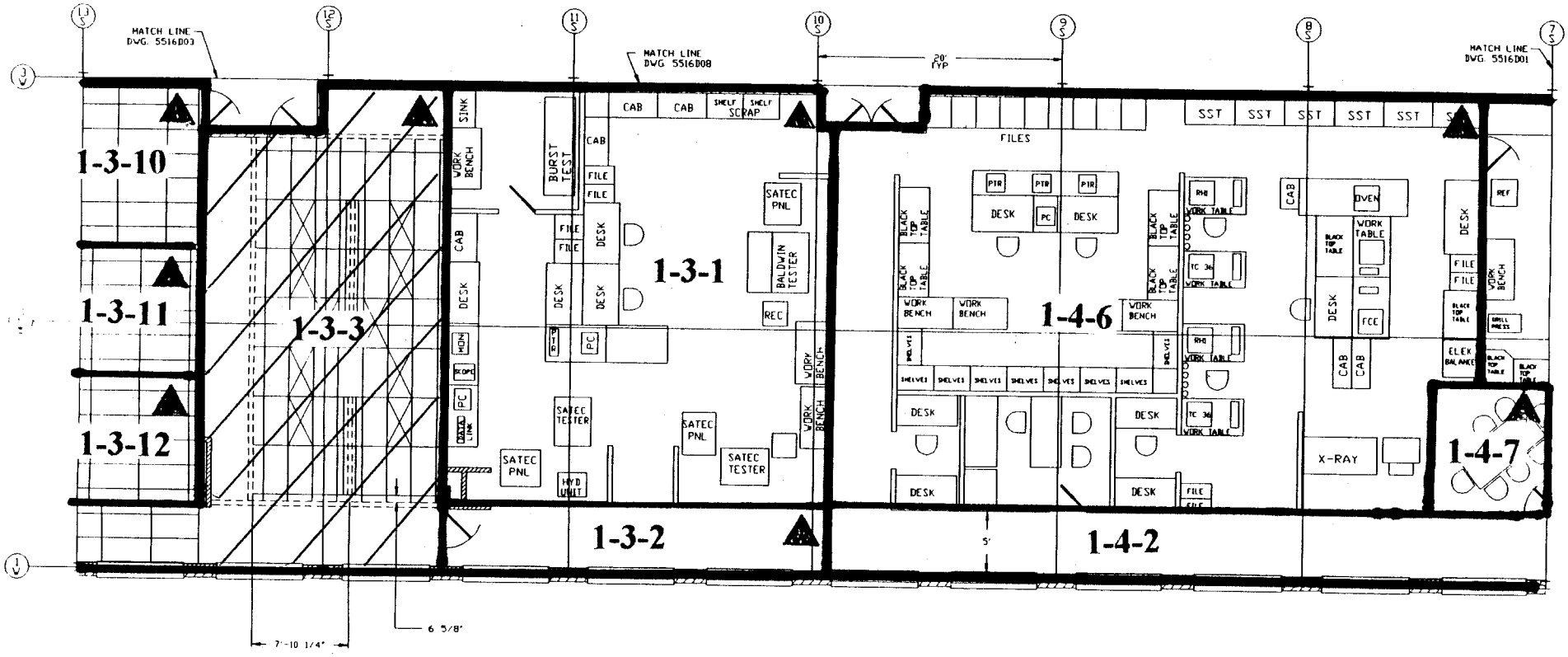
Beta Counting Instruments

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

Surveyor:	V. TAYLOR/L. SMITH/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
CEILING	2	-1	N/A	N/A	N/A	N/A	3	8	244	12	352	240	-0.74	2	-3.71	3	PAINTED STEEL
CEILING	3.5	-4	N/A	N/A	N/A	N/A	4	8	231	12	398	250	0.76	2	-3.71	3	PAINTED STEEL
CEILING	7	-5	N/A	N/A	N/A	N/A	4	8	233	12	332	240	0.76	2	-1.01	3	PAINTED STEEL
CEILING	9.5	-3.5	N/A	N/A	N/A	N/A	0	8	224	12	313	250	0.76	2	-2.36	3	PAINTED STEEL
CEILING	11	-3.5	N/A	N/A	N/A	N/A	4	8	263	12	332	250	0.76	2	0.34	3	PAINTED STEEL
CEILING	11	-1.5	N/A	N/A	N/A	N/A	0	8	240	12	349	240	-0.74	2	-1.01	3	PAINTED STEEL
CEILING	11.5	-7	N/A	N/A	N/A	N/A	0	8	285	12	395	300	-0.74	2	0.34	3	PAINTED STEEL
CEILING	11.5	-13	N/A	N/A	N/A	N/A	4	8	285	12	384	300	0.76	2	-2.36	3	PAINTED STEEL
CEILING	11.5	-17.5	N/A	N/A	N/A	N/A	7	8	318	12	411	320	-0.74	2	5.73	3	PAINTED STEEL

UNIT: 1-3-3
SN: 01-308
DATE: 3-20-95
BY: VT/LS/CV



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
QC LABS

SCALE 25 = 12
SHT 1 OF 1 SHTS
DWG NO 5516D02
REV 5

LB5100-W Low Background Counting System -- Smear Analysis

Date: 6/5/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-308.XLD
Batch Ended: 6/5/95 14:19
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 1-3-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
33	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	6/5/95 14:02
34	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	6/5/95 14:04
35	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	6/5/95 14:06
36	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	6/5/95 14:08
37	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	6/5/95 14:11
38	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	6/5/95 14:13
39	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	6/5/95 14:15
40	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	6/5/95 14:17
41	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	6/5/95 14:19

Blairsville Point Survey Form #003

Survey Serial #:	01-309

Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	9

Classification:	4
Survey Type:	UPPER

Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	262

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V. TAYLOR/L. SMITH/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
CEILING	3.2	-1	N/A	N/A	N/A	N/A	5	8	283	12	339	240	-0.99	2	3.51	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-309.XLD
Batch Ended: 8/14/95 10:17
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

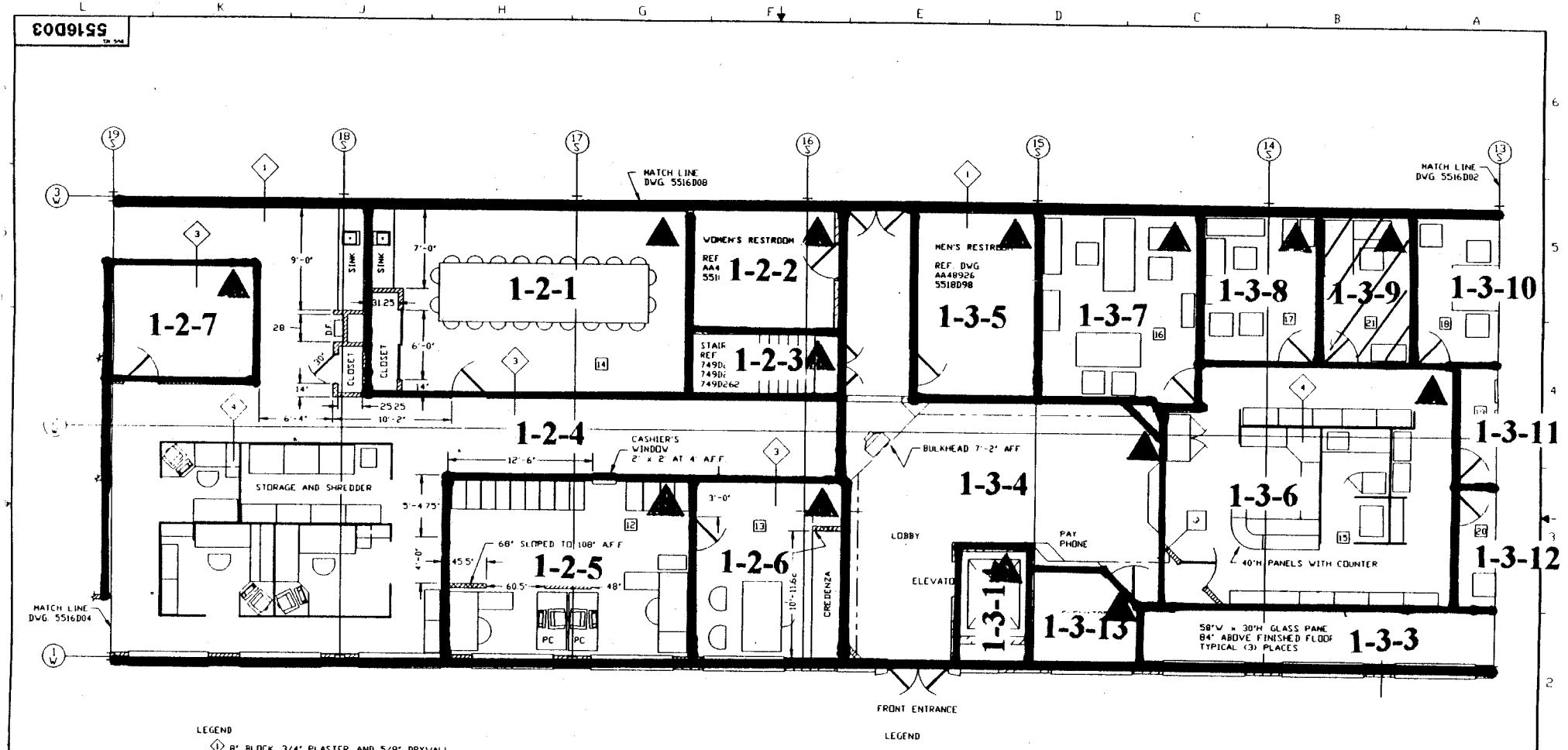
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-3-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/14/95 10:17

UNIT: 1-3-9
SN: 01-309
DATE: 3-21-95
BY: LS/CV/DT

5516D03



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

= 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

LEGEND

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

DES. DEPT.	W. CLAYSON
DRAWN	
CHKD	
DES. ENG.	
MFG. ENG.	
QA ENG.	
APP.	

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA. U.S.A.

TITLE: MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE: 25 = 12 | SHT 1 OF 1 SHTS | DWG NO. 5516D03 | REV 017

Blairsville Point Survey Form #003

Survey Serial #:	B01-310

Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	6

Classification:	4
Survey Type:	UPPER

Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	262

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V. TAYLOR/L. SMITH/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
CEILING	5	-2.5	N/A	N/A	N/A	N/A	3	8	316	12	341	240	0.48	2	2.18	3	PAINTED METAL
CEILING	0.5	-0.5	N/A	N/A	N/A	N/A	2	8	254	12	363	260	0.48	2	0.85	3	PAINTED METAL
CEILING	0.5	-5	N/A	N/A	N/A	N/A	7	8	235	12	331	240	-0.99	2	-3.13	3	PAINTED I-BEAM
CEILING	2.5	-5	N/A	N/A	N/A	N/A	2	8	243	12	389	270	-0.99	2	-0.47	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-310.XLD
Batch Ended: 8/14/95 10:27
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: 1440

Application Revision: 3
Application Version: Standard

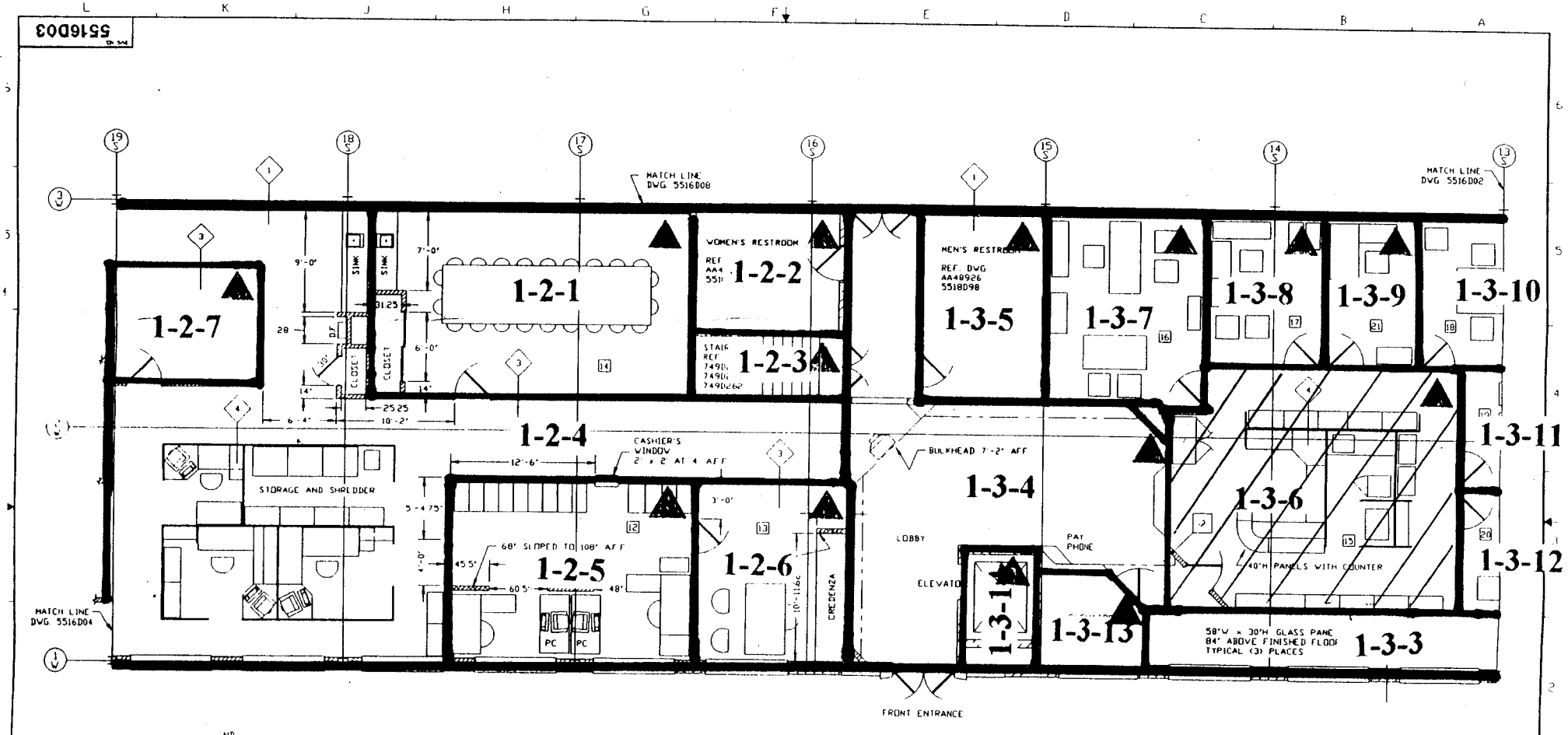
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-3-6

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
2	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/14/95 10:21
3	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/14/95 10:23
4	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/14/95 10:25
5	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 10:27

UNIT: 1-3-6
SN. 1-310
DATE: 3-21-95
BY: LS/CV/VT



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 (ASB) 60" HIGH

XXX = 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

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

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
OFFICE AREA

5516D03

Blairsville Point Survey Form #003

Survey Serial #:	B01-311

Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	10

Classification:	4
Survey Type:	UPPER

Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	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	262

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

Surveyor:	V. TAYLOR/L. SMITH/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
CEILING	3	-1	N/A	N/A	N/A	N/A	4	8	295	12	346	240	1.96	2	-0.47	3	PAINTED METAL
CEILING	1.3	-2.5	N/A	N/A	N/A	N/A	2	8	279	12	412	230	-0.99	2	-1.80	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-311.XLD
Batch Ended: 8/14/95 10:32
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: 1440

Application Revision: 3
Application Version: Standard

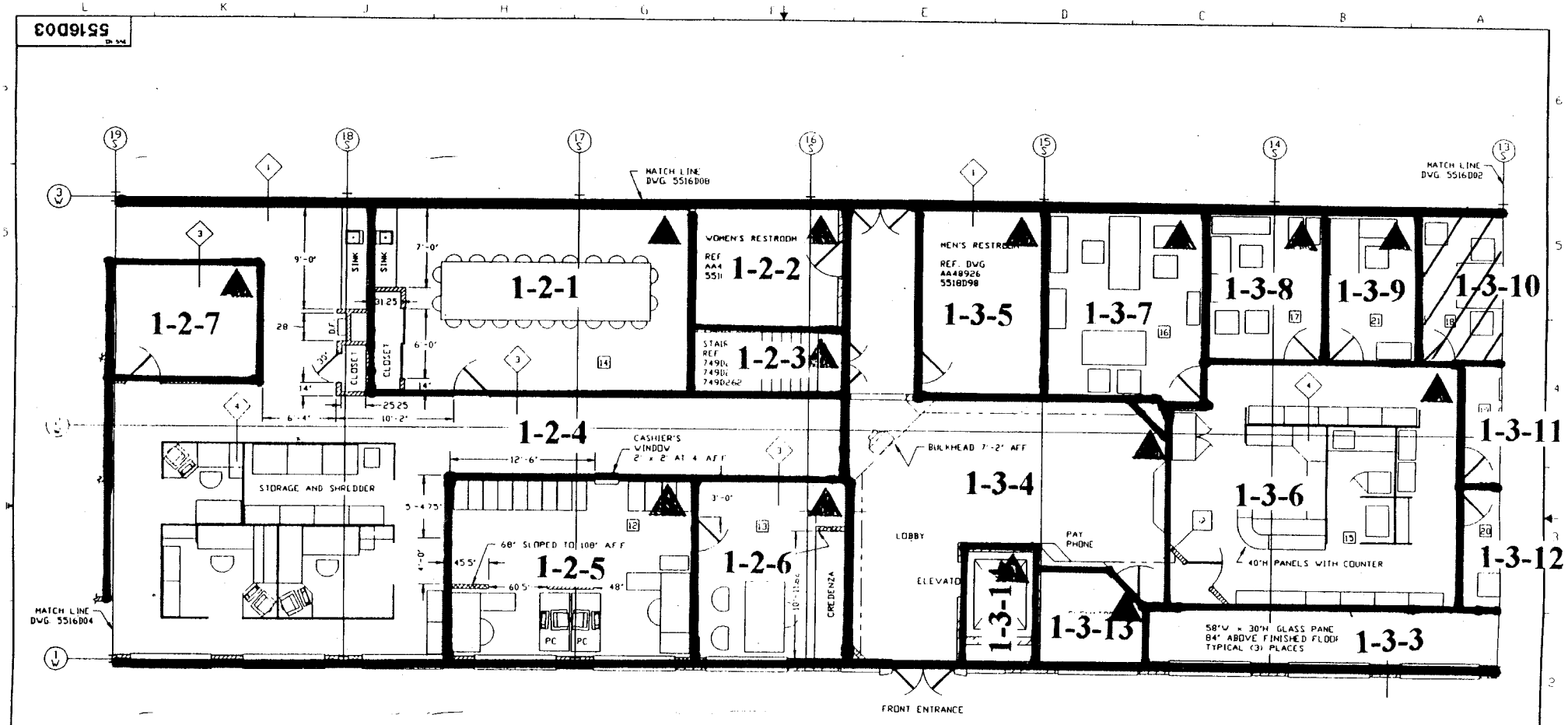
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-3-10

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
6	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/14/95 10:30
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 10:32

UNIT: 1-2-10
SN: 01_11
DATE: 3-21-95
BY: CV/VT/LS



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

= 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

LEGEND

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

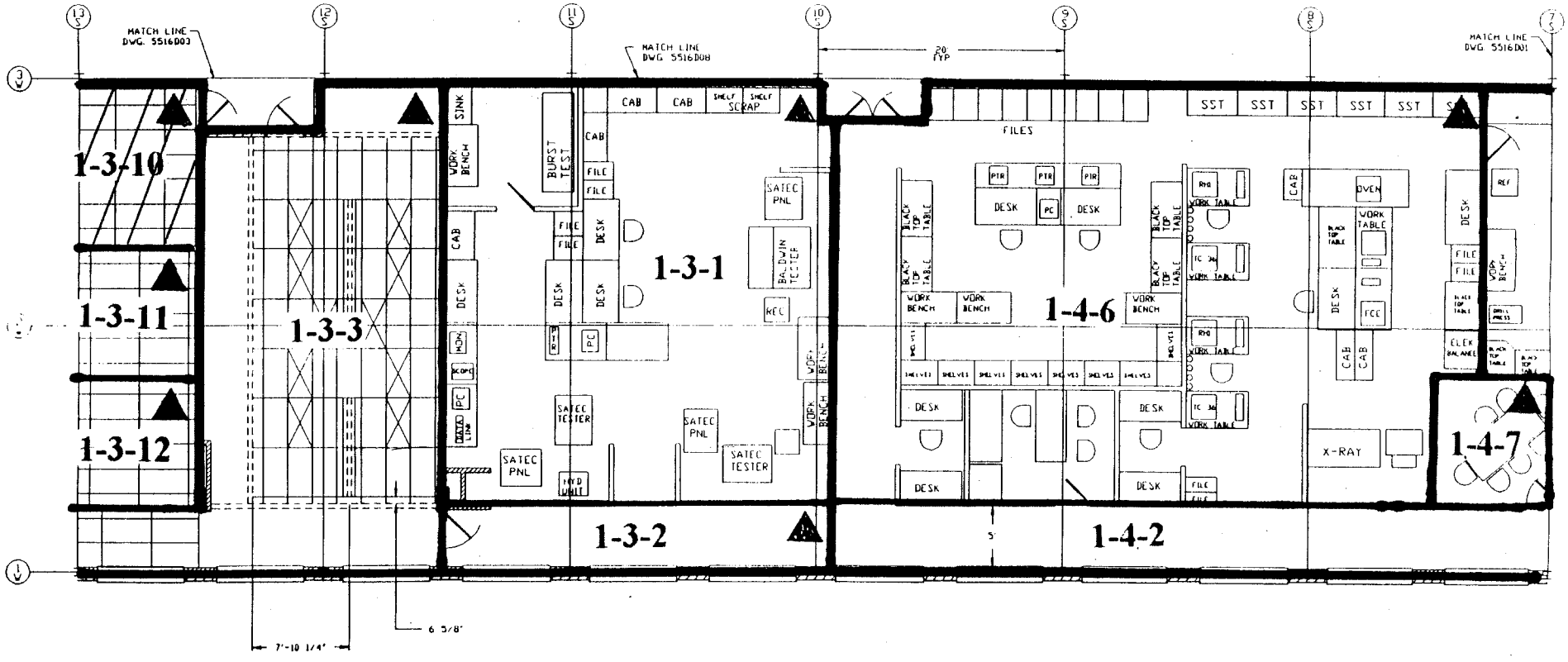
Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
OFFICE AREA

SCALE 25 x 12

5516D03

UNIT: 1-3-10
SN: 1-311
DATE: 3-21-95
BY: LS/CV/VT



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

MAIN BUILDING
EQUIPMENT LOCATION
DEPARTMENT

5516D02 REV 5

Blairsville Point Survey Form #003

Survey Serial #:	B01-312
Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	244

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V. TAYLOR/L. SMITH/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
CEILING	1.2	-2	N/A	N/A	N/A	N/A	1	8	275	12	329	270	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	1.2	-3.5	N/A	N/A	N/A	N/A	1	8	285	12	369	290	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	1.2	-5.5	N/A	N/A	N/A	N/A	2	8	285	12	371	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	2.5	-6.5	N/A	N/A	N/A	N/A	5	8	249	12	340	230	-0.99	2	2.18	3	PAINTED STEEL
CEILING	4.5	-6.5	N/A	N/A	N/A	N/A	4	8	267	12	355	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	-2	-7.5	N/A	N/A	N/A	N/A	3	8	285	12	401	280	-0.99	2	6.17	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-312.XLD
Batch Ended: 8/14/95 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: 1440

Application Revision: 3
Application Version: Standard

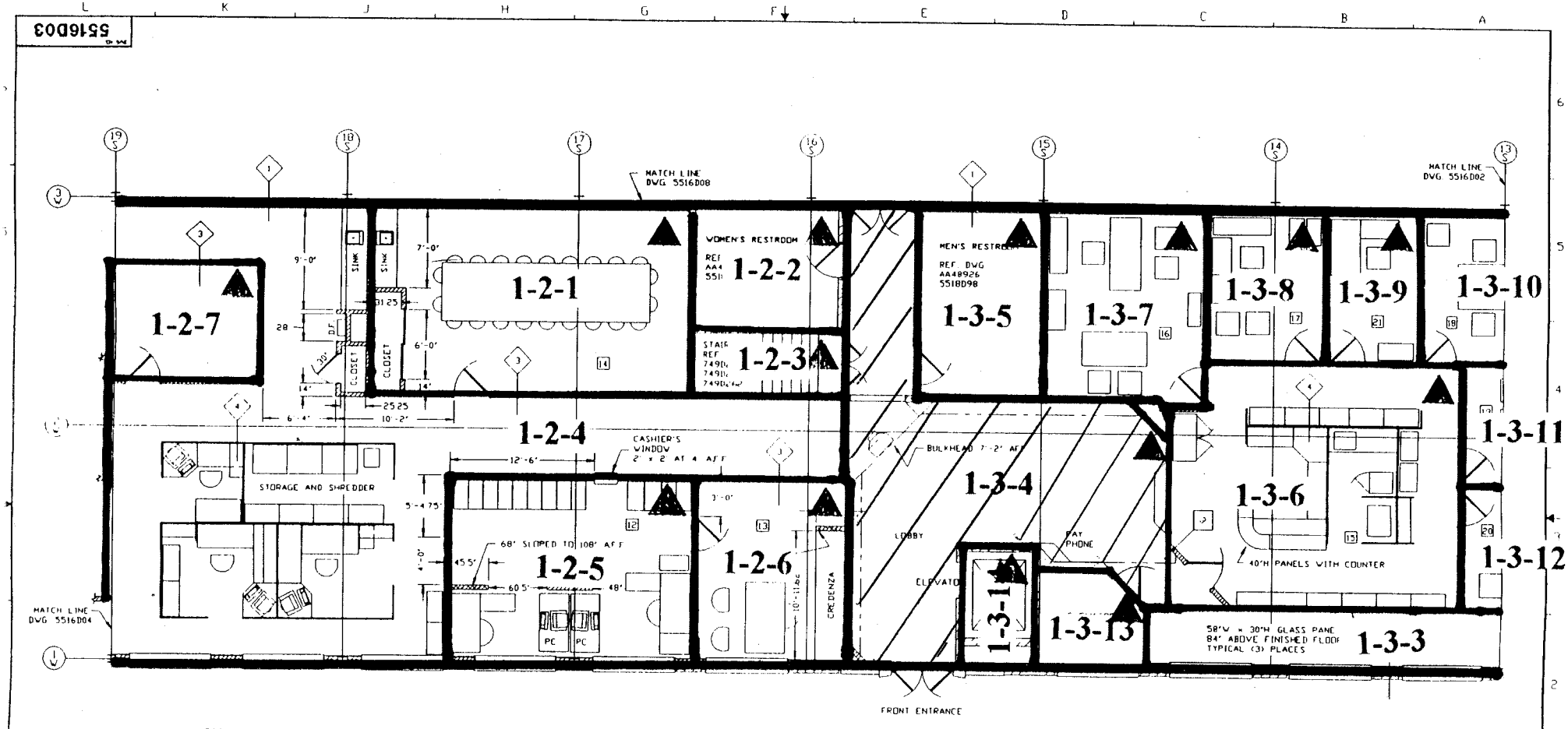
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-3-4

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
8	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 10:34
9	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 10:36
10	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 10:38
11	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/14/95 10:41
12	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 10:43
13	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/14/95 10:45

UNIT: 1-3-4
SN: [illegible]312
DATE: 3-21-95
BY: CS/VT/CV



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

= 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

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

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
OFFICE AREA

SCALE 25 x 12

DWG NO 5516D03

Blairsville Point Survey Form #003

Survey Serial #:	01-313
Survey Section:	1
Survey Unit:	3
Survey Sub-unit:	11
Classification:	4
Survey Type:	UPPER
Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	262

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	33.96	2.94	0.34

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

Surveyor:	V. TAYLOR/L. SMITH/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
CEILING	1	-3.2	N/A	N/A	N/A	N/A	1	8	311	12	361	240	-0.99	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-313.XLD
Batch Ended: 8/14/95 10:47
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: 1440

Application Revision: 3
Application Version: Standard

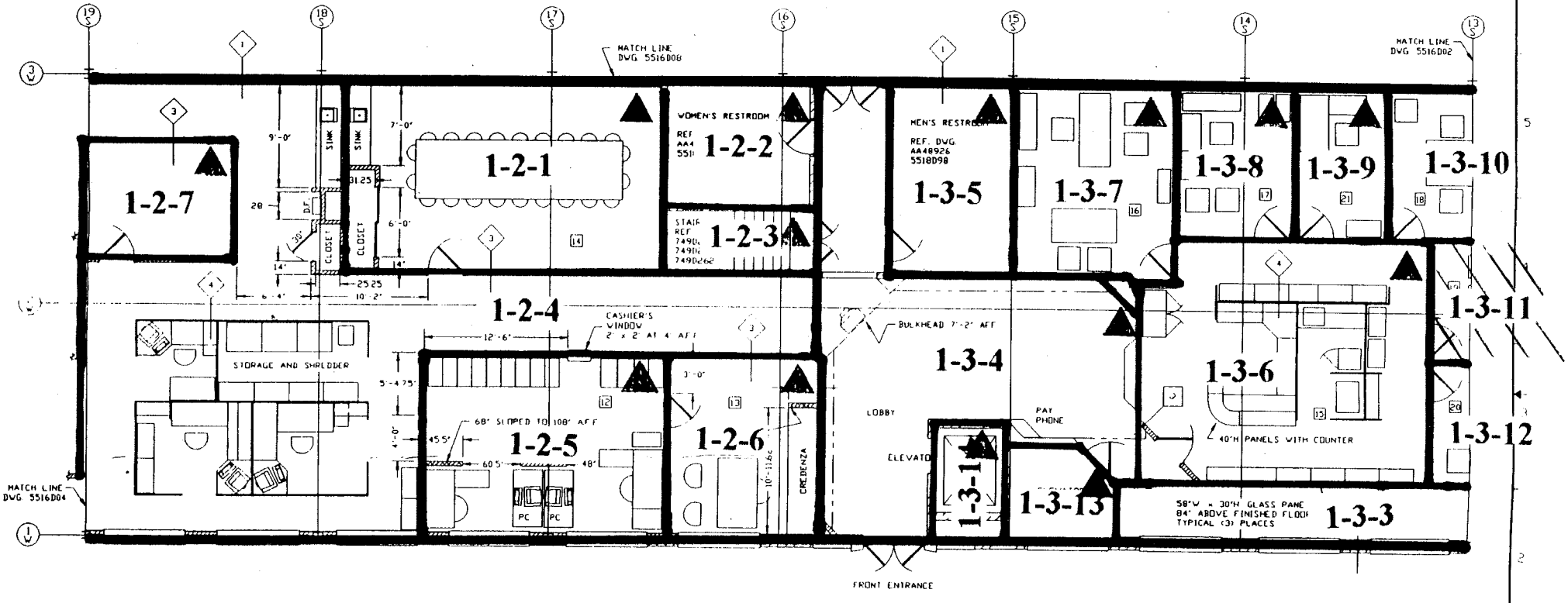
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-3-11

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
14	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 10:47

S/N : 01-313
DATE : 3/21/95
BY : L Smith / V. Taylor / C. Vergari



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

▨ = 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

LEGEND

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

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

MAIN BUILDING
EQUIPMENT LAYOUT
OFFICE AREA

5516D03

Blairsville Point Survey Form #003

Survey Serial #:	B01-314

Survey Section:	1
Survey Unit:	2
Survey Sub-unit:	4

Classification:	4
Survey Type:	UPPER

Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

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	244

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

Surveyor:	L.SMITH/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
CEILING	1	-1	N/A	N/A	N/A	N/A	3	8	270	12	377	280	1.96	2	-0.47	3	PAINTED STEEL
CEILING	1	-5	N/A	N/A	N/A	N/A	3	8	282	12	376	250	0.48	2	6.17	3	PAINTED STEEL
CEILING	0.5	-10	N/A	N/A	N/A	N/A	1	8	276	12	358	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	0.5	-16	N/A	N/A	N/A	N/A	2	8	287	12	412	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	0.5	-19	N/A	N/A	N/A	N/A	4	8	261	12	397	240	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	3	-17	N/A	N/A	N/A	N/A	2	8	263	12	340	260	0.48	2	-0.47	3	PAINTED STEEL
CEILING	6.3	-17	N/A	N/A	N/A	N/A	2	8	330	12	483	270	-0.99	2	3.51	3	PAINTED STEEL
CEILING	6.3	-12	N/A	N/A	N/A	N/A	4	8	305	12	481	290	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	3.5	-11	N/A	N/A	N/A	N/A	3	8	293	12	374	270	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2.5	-13	N/A	N/A	N/A	N/A	5	8	249	12	358	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	6	-22	N/A	N/A	N/A	N/A	4	8	311	12	406	280	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	6.3	-28	N/A	N/A	N/A	N/A	3	8	302	12	364	280	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6.3	-35.5	N/A	N/A	N/A	N/A	3	8	305	12	392	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	4	-38	N/A	N/A	N/A	N/A	3	8	266	12	345	250	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	1	-38	N/A	N/A	N/A	N/A	8	8	282	12	393	270	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	-1.5	-38	N/A	N/A	N/A	N/A	1	8	281	12	350	260	-0.99	2	2.18	3	PAINTED STEEL
CEILING	-1.5	-35.5	N/A	N/A	N/A	N/A	1	8	290	12	347	270	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	-1.5	-33	N/A	N/A	N/A	N/A	3	8	287	12	439	280	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	-1.5	-30.5	N/A	N/A	N/A	N/A	8	8	289	12	372	260	1.96	2	-0.47	3	PAINTED STEEL
CEILING	-1.5	-28	N/A	N/A	N/A	N/A	2	8	269	12	388	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2	-22.5	N/A	N/A	N/A	N/A	1	8	255	12	365	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	3	-30	N/A	N/A	N/A	N/A	4	8	303	12	407	260	1.96	2	2.18	3	PAINTED STEEL
CEILING	-2	-24	N/A	N/A	N/A	N/A	4	8	286	12	415	270	-0.99	2	-0.47	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	B01-314
Survey Section:	1
Survey Unit:	2
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	244

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	-1.5	-22	N/A	N/A	N/A	N/A	6	8	299	12	365	250	-0.99	2	3.51	3	PAINTED STEEL
													-0.98868449		-3.134423		
CEILING	-4	-24	N/A	N/A	N/A	N/A	4	8	325	12	374	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	-4	-28	N/A	N/A	N/A	N/A	7	8	269	12	372	270	0.48	2	-1.80	3	PAINTED STEEL
CEILING	-4.5	-35.5	N/A	N/A	N/A	N/A	5	8	297	12	395	270		2		3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-314.XLD
Batch Ended: 8/14/95 11:47
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-2-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
15	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/14/95 10:50
16	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/14/95 10:52
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 10:54
18	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 10:56
19	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/14/95 10:58
20	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/14/95 11:00
21	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/14/95 11:03
22	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:05
23	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:07
24	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:09
25	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:12
26	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 11:14
27	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 11:16
28	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/14/95 11:18
29	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 11:20
30	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/14/95 11:23
31	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:25
32	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 11:27
33	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/14/95 11:29
34	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:31
35	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 11:34
36	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/14/95 11:36
37	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:38
38	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/14/95 11:40

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-314.XLD
Batch Ended: 8/14/95 11:47
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: 1440

Application Revision: 3
Application Version: Standard

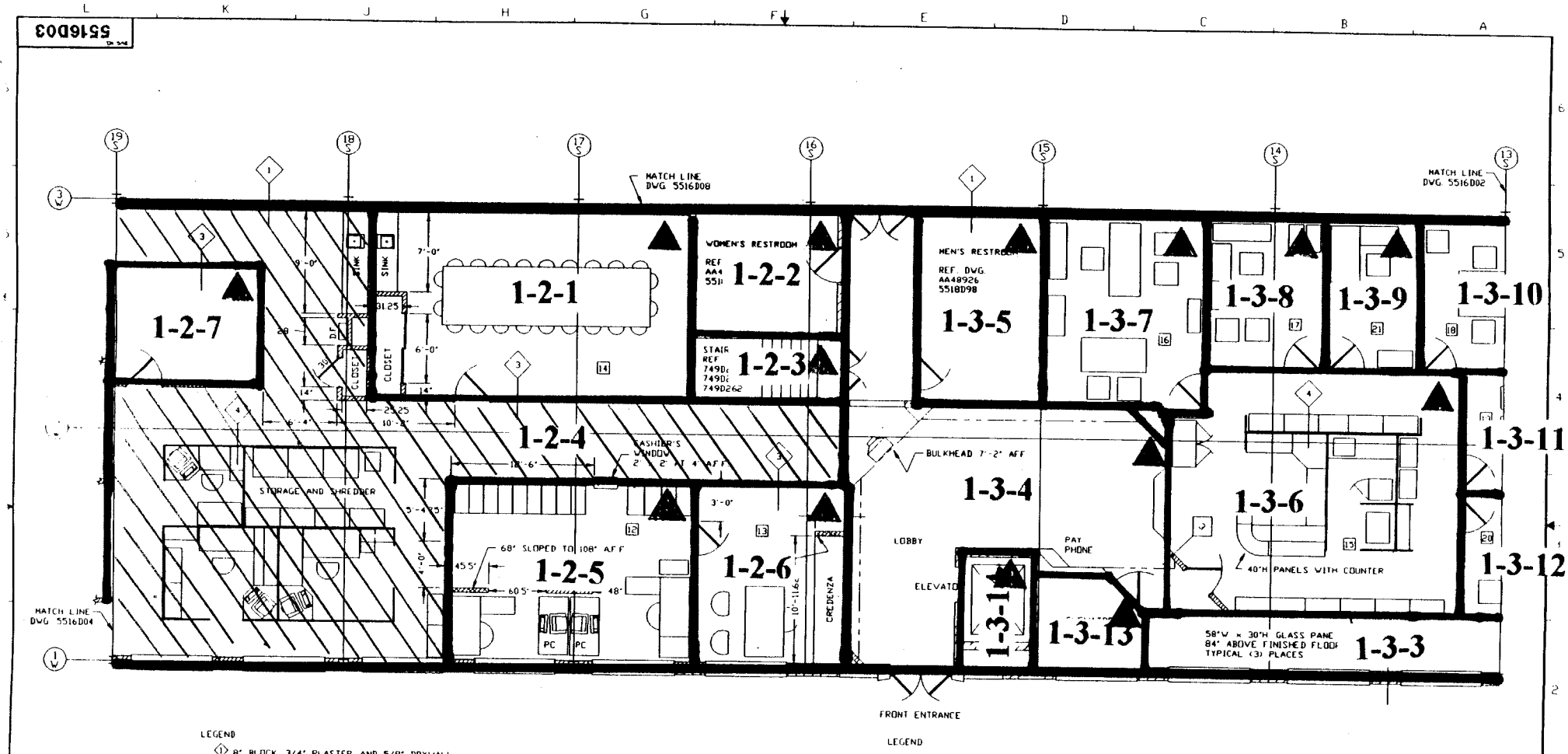
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-2-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
39	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/14/95 11:42
40	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:45
41	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/14/95 11:47

SN : 01-314
DATE : 3/21/95
BY L. Smith / V. Taylor / C. Vergari



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

= 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

LEGEND

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

DES DFTM W. CLAWSON

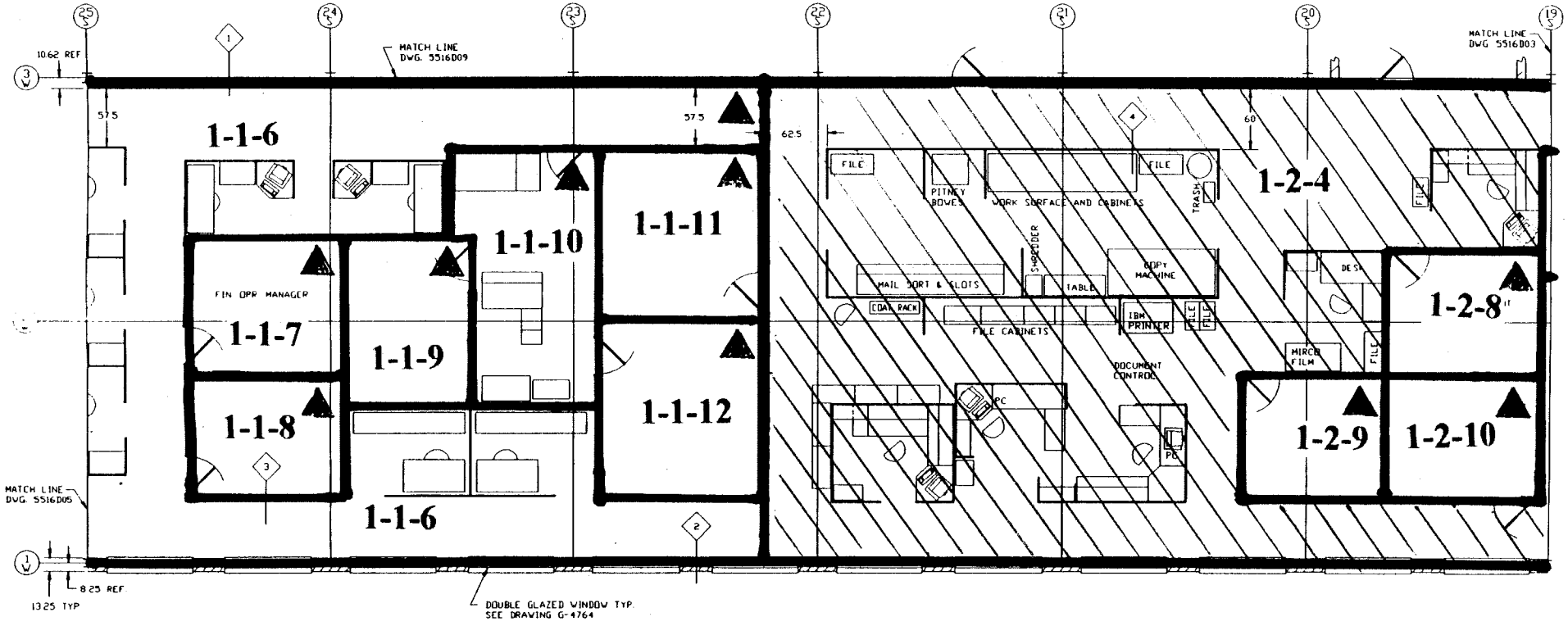
Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 x 12
SHT 1 OF 1 SHTS
DWG NO 5516D03

SN: 01-314
DATE: 3/21/95
BY: L. Smith / V. Taylor / C Vercari

5516D04



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 DISCLOSED IN WHOLE OR IN PART TO OTHERS OR USED FOR OTHER THAN THE PURPOSE FOR WHICH TRANSMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE WESTINGHOUSE NUCLEAR FUEL OPERATIONS DIVISIONS

DES DFTR	V CLAWSON	01-07-98
DFTR		
CHKR		
DES ENG		
PRJ ENG		
MFG ENG		
APP		

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE: MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 = 12

5516D04

REV

Blairsville Point Survey Form #003

Survey Serial #:	B01-315
Survey Section:	1
Survey Unit:	2
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	3/21/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	244

Gamma or Beta/Gamma Instruments

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

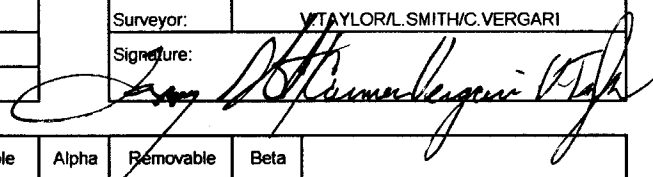
Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-2	N/A	N/A	N/A	N/A	11	8	328	12	347	280	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	1	-6	N/A	N/A	N/A	N/A	6	8	371	12	382	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	4.5	-6	N/A	N/A	N/A	N/A	2	8	304	12	394	250	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	4.5	-3	N/A	N/A	N/A	N/A	5	8	271	12	378	280	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-315.XLD
Batch Ended: 8/14/95 11:56
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: 1440

Application Revision: 3
Application Version: Standard

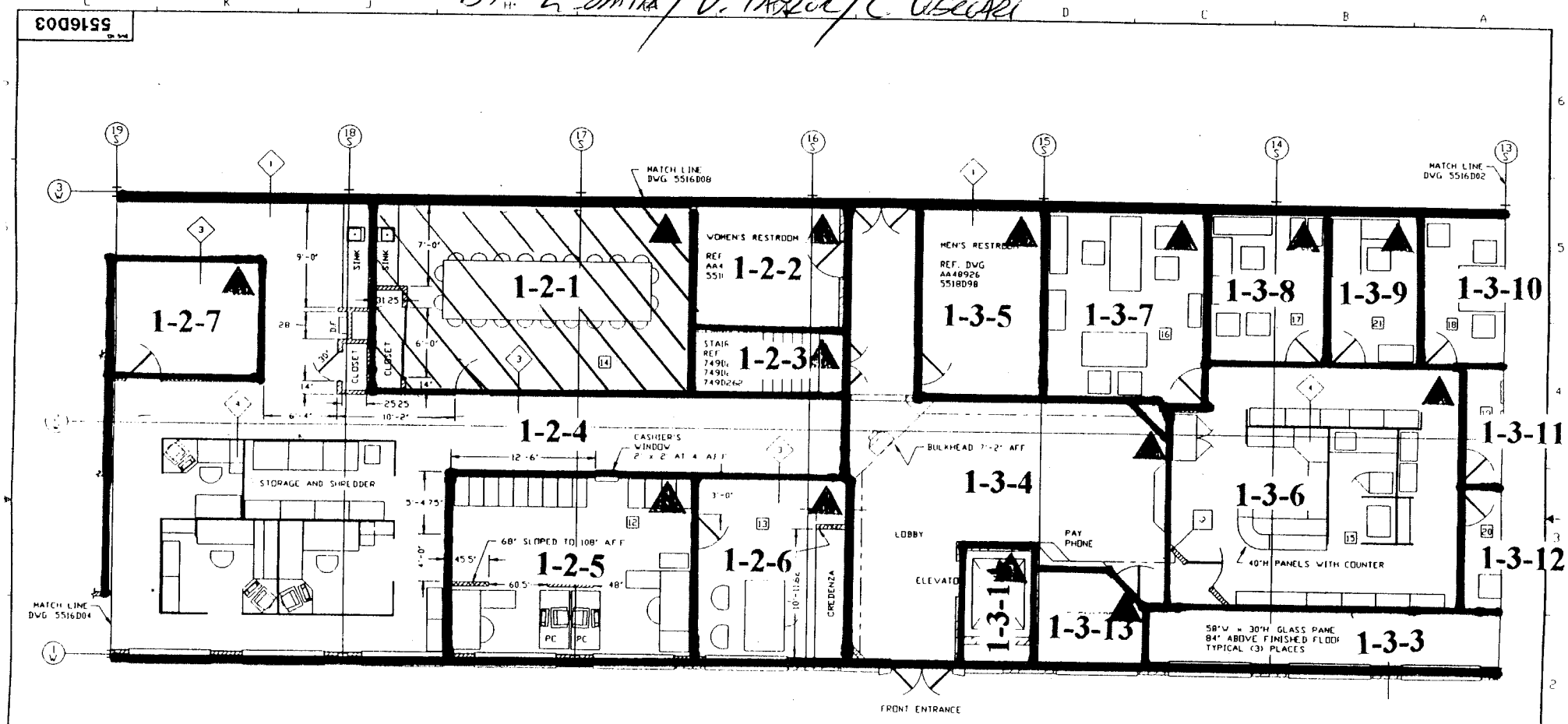
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-2-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
42	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:49
43	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 11:51
44	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/14/95 11:53
45	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 11:56

S/N 01-315
DATE: 3/21/95
BY: L. Smith / V. Taylor / C. Vercari



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

= 3-1/2" WOOD FRAME AND 5/8" DRYWALL PARTITIONS CONSTRUCTED AS NOTED

LEGEND

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

DES. DFTM. V. CLAWSON	Westinghouse Electric Corporation SPECIALTY METALS PLANT BLAIRSVILLE PA USA
TITLE	MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA
SCALE 25 x 12	DWG NO 5516D03

Blairsville Point Survey Form #003

Survey Serial #:	B01-316
Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1.2	-0.7	N/A	N/A	N/A	N/A	3	8	303	12	362	270	0.48	2	2.18	3	PAINTED STEEL
CEILING	1	-4	N/A	N/A	N/A	N/A	6	8	315	12	335	260	0.48	2	-1.80	3	PAINTED STEEL
CEILING	4.3	-7	N/A	N/A	N/A	N/A	1	8	285	12	375	280	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	5	-3	N/A	N/A	N/A	N/A	4	8	290	12	339	260	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	7.4	-3	N/A	N/A	N/A	N/A	1	8	314	12	391	290	-0.99	2	-3.13	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-316.XLD
Batch Ended: 8/14/95 14:24
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/14/95 14:15
2	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/14/95 14:17
3	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 14:20
4	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/14/95 14:22
5	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/14/95 14:24

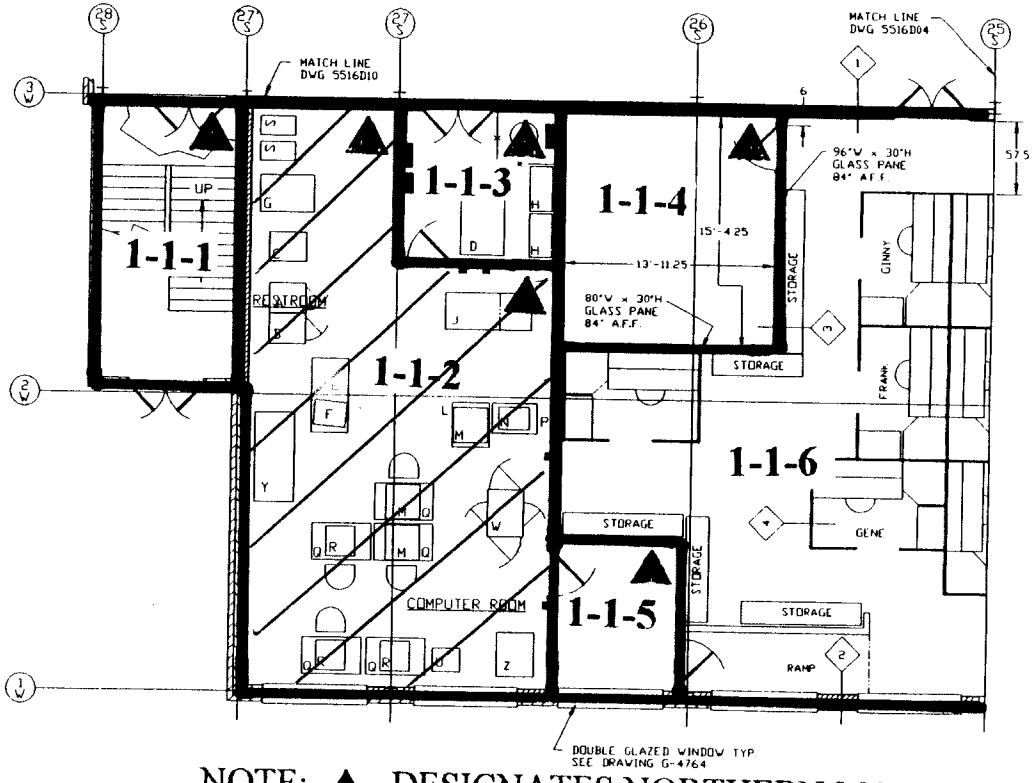
UNIT: 1-1-2
SN: 01-~~136~~ 316
DATE: 3-22-95
BY: CV/VTLS

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 EQUIPTMENT 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

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DES DFTM V. CLAWSON 11/05/74

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

Blairsville Point Survey Form #003

Survey Serial #:	B01-317

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

Classification:	4
Survey Type:	UPPER

Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

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	210

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-2.3	N/A	N/A	N/A	N/A	4	8	306	12	349	260	-0.99	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-317.XLD
Batch Ended: 8/14/95 14:26
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
6	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/14/95 14:26

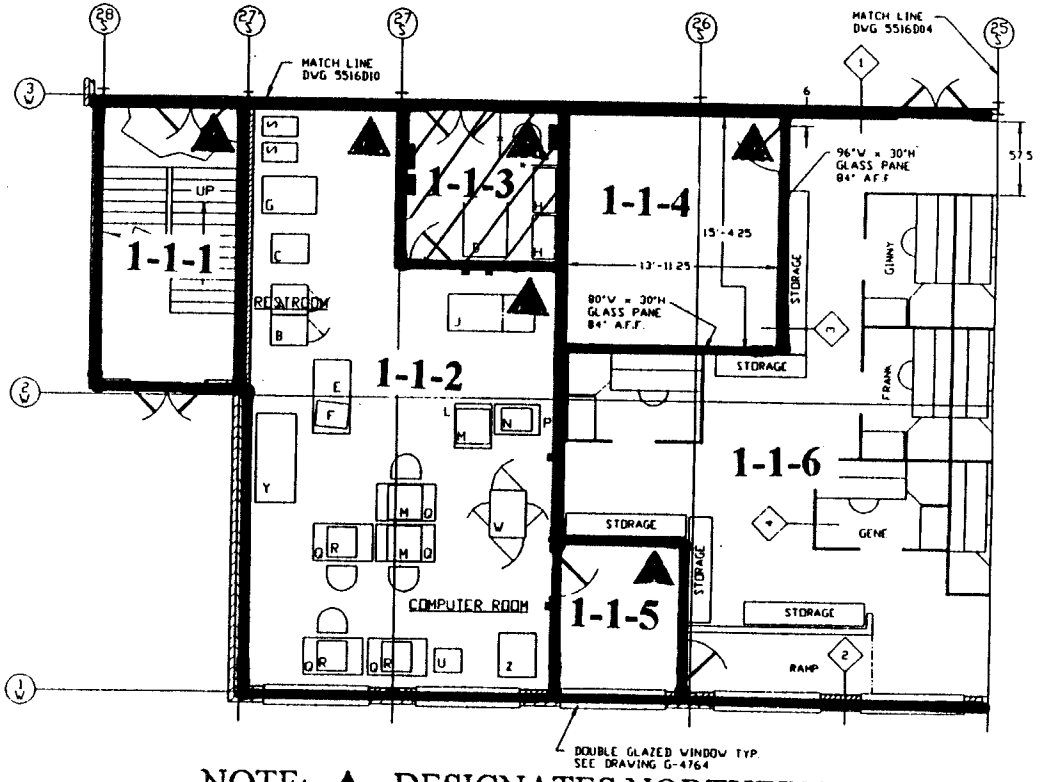
UNIT 1-1-3
SN. 11-317
DATE: 3-22-95
BY: CV/TTLS

5516D05

COMPUTER ROOM EQUIPMENT LEGEND
A - 4997 RACK SERIES 1 COMPUTER
B - 4997 RACK W/SERIES 1 COMPUTER
C - C3S1 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

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SIZE A - 49525

DES BY	CLAWSON	11/8/74
APVD		
CHKD		
DES ENG		
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 #:	B01-318
Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	5
Classification:	4
Survey Type:	UPPER
Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	2.5	-1.5	N/A	N/A	N/A	N/A	4	8	327	12	377	290	-0.99	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-318.XLD
Batch Ended: 8/14/95 14:28
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-5

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/14/95 14:28

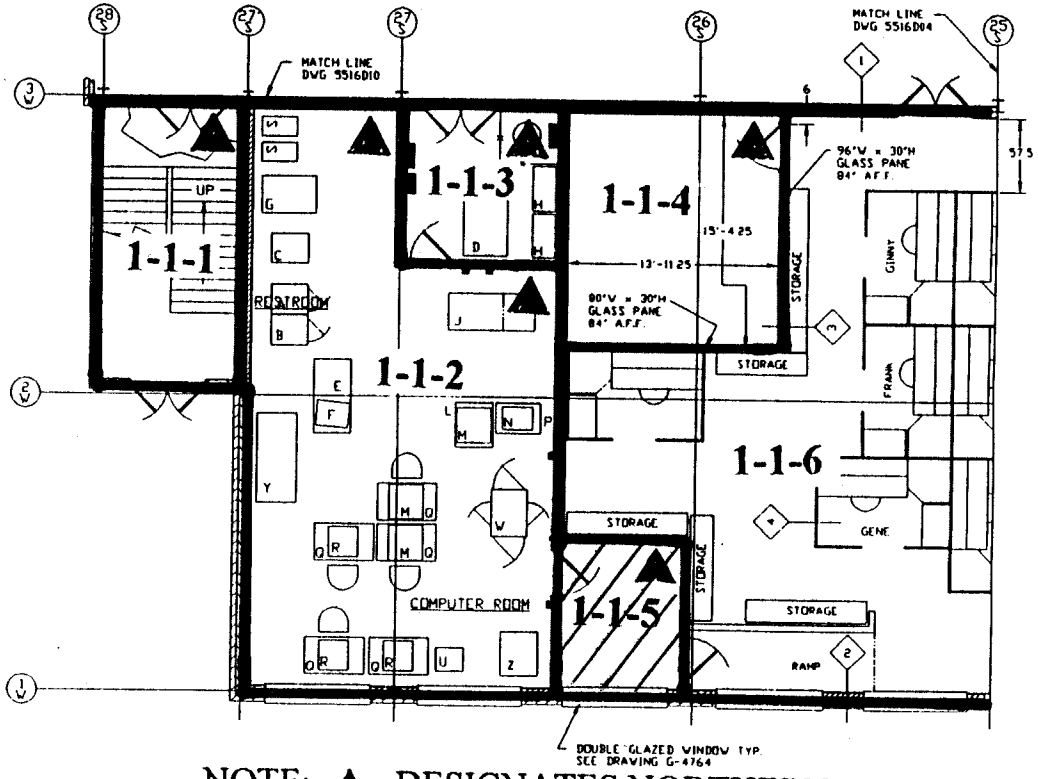
UNIT: 1-1-5
SN: 01-5.6
DATE: 3-22-95
BY: LS/UT/CV

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 CA000373 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

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444-9825

DES. BY C. CLAWSON 11/30/94
APP'D
CHK'D
DES. ENG.
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 #:	B01-319
Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	9
Classification:	4
Survey Type:	UPPER
Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-1	N/A	N/A	N/A	N/A	1	8	242	12	398	250	0.48	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-319.XLD
Batch Ended: 8/14/95 14:31
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: 1440

Application Revision: 3
Application Version: Standard

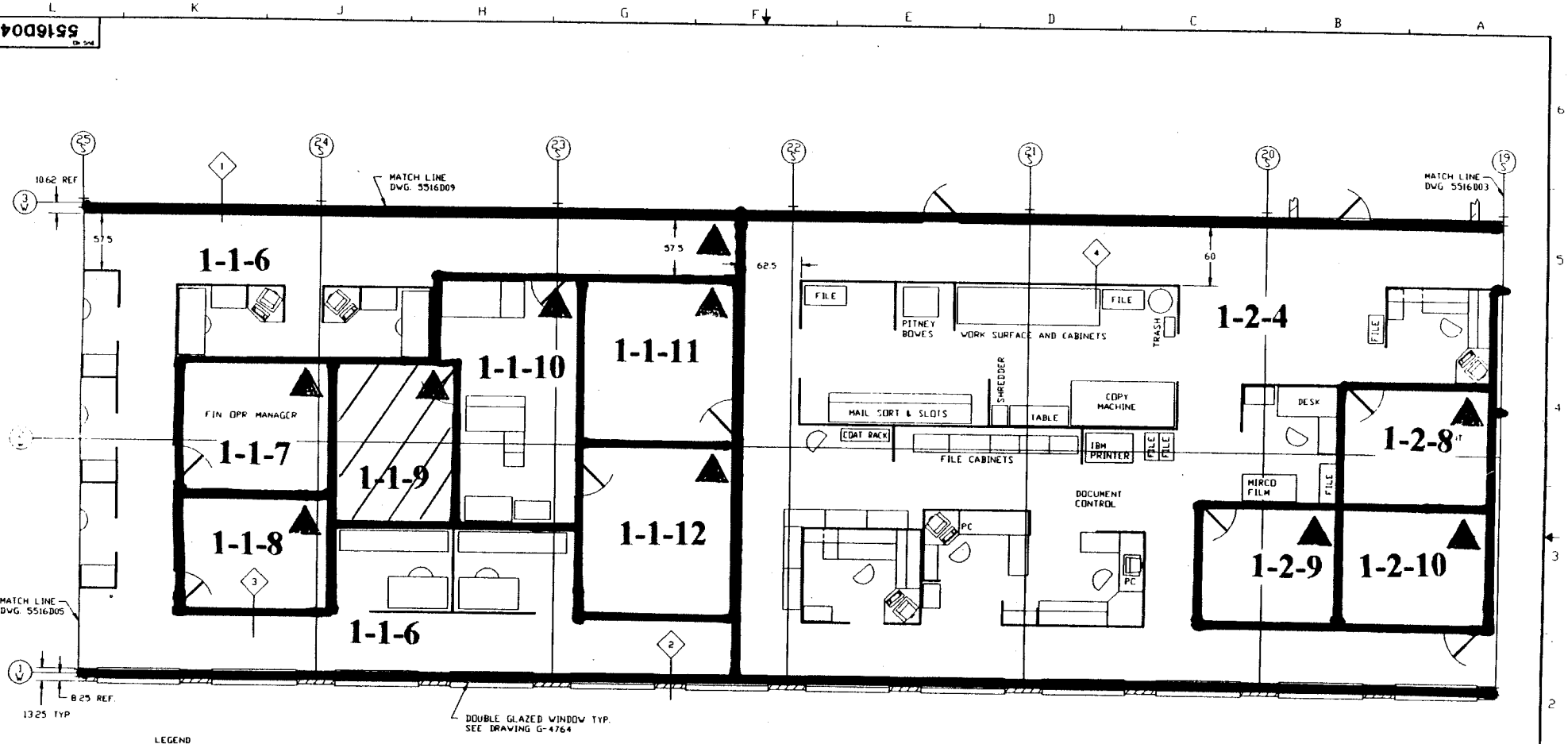
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
8	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/14/95 14:31

UNIT: 1-1-9
SN: 01-319
DATE: 3-22-95
BY: CV/VT/LS



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)

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Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE: MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 = 12

5516D04

Blairsville Point Survey Form #003

Survey Serial #:	B01-320
Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	10
Classification:	4
Survey Type:	UPPER
Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1.7	-1.2	N/A	N/A	N/A	N/A	2	8	277	12	339	250	0.48	2	0.85	3	PAINTED STEEL
CEILING	4.7	-1	N/A	N/A	N/A	N/A	3	8	255	12	390	260	-0.99	2	0.85	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-320.XLD
Batch Ended: 8/14/95 14:35
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: 1440

Application Revision: 3
Application Version: Standard

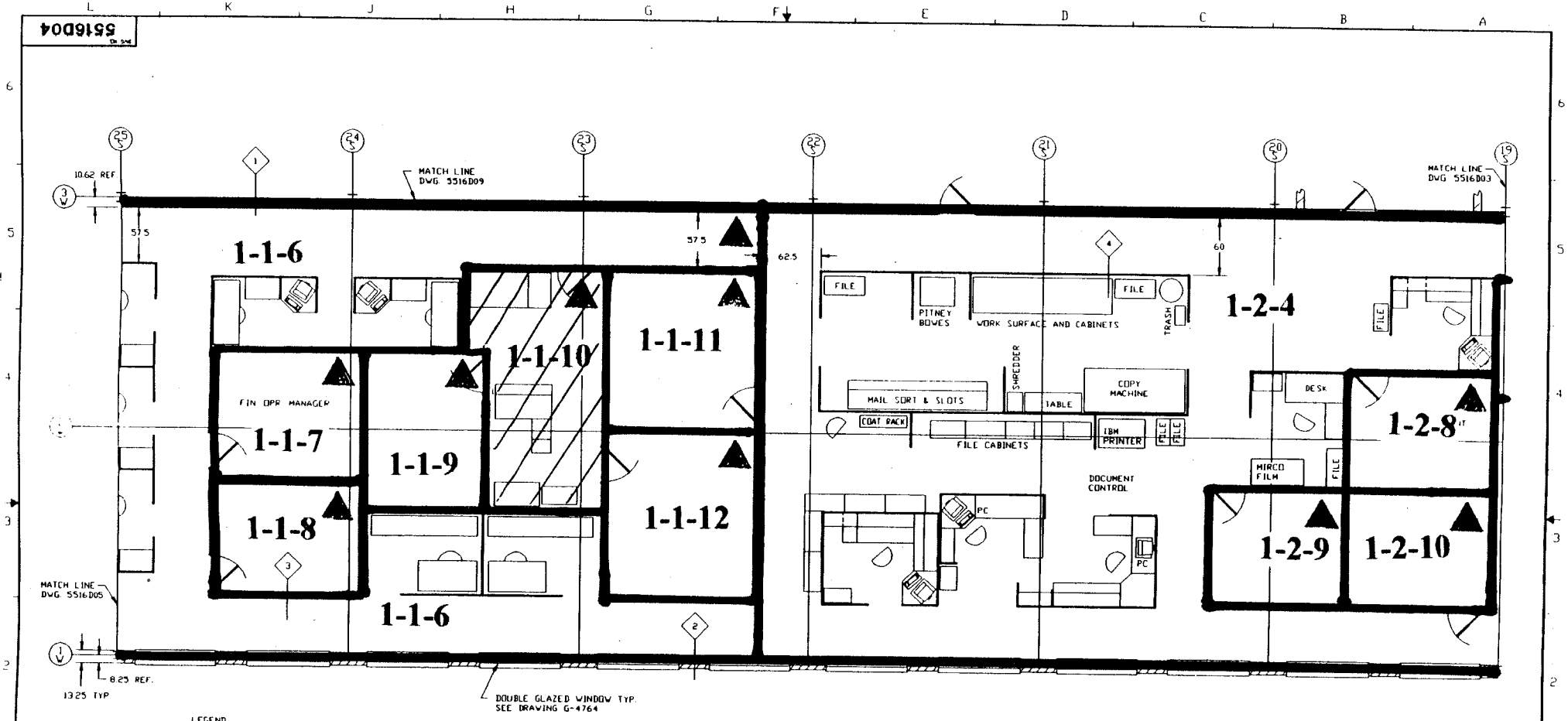
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-10

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
9	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/14/95 14:33
10	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/14/95 14:35

UNIT: 1-1-10
SN: 01-320
DATE: 3-22-95
BY: CV/VT/CS



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)

WESTINGHOUSE PROPRIETARY DATA

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Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE: MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 = 12

5516D04

Blairsville Point Survey Form #003

Survey Serial #:	B01-321
Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	11
Classification:	4
Survey Type:	UPPER
Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1.5	-0.5	N/A	N/A	N/A	N/A	2	8	267	12	319	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	4	-2	N/A	N/A	N/A	N/A	2	8	267	12	363	250	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-321.XLD
Batch Ended: 8/14/95 14:40
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: 1440

Application Revision: 3
Application Version: Standard

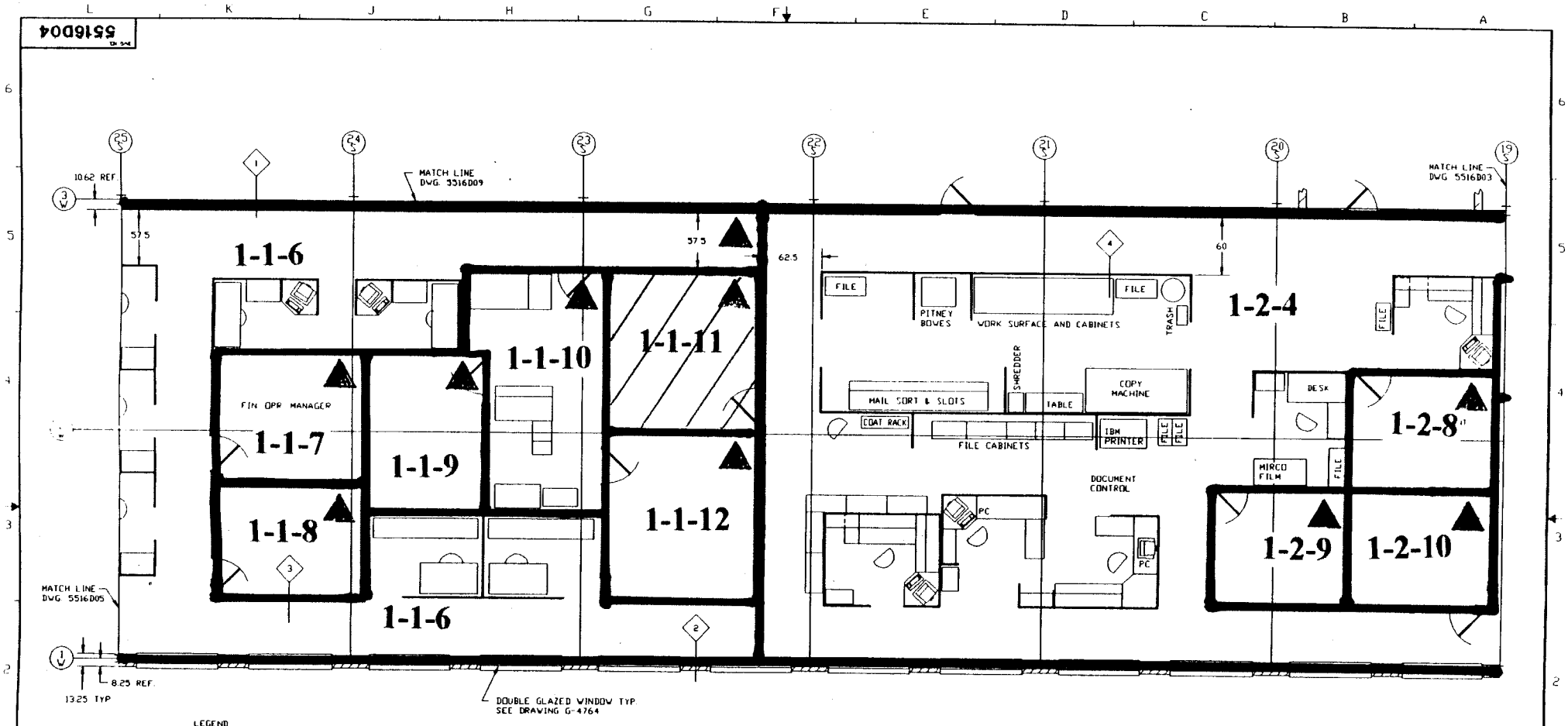
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-11

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
11	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 14:37
12	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 14:40

UNIT: 1-1-11
SN: 01321
DATE: 3.22.95
BY: CVINTLS



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)

WESTINGHOUSE PROPRIETARY DATA

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Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA. USA

TITLE: MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE: 25 = 1"

DWG NO. 5516D04

Blairsville Point Survey Form #003

Survey Serial #:	B01-322

Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	12

Classification:	4
Survey Type:	UPPER

Survey Date:	3/22/95
Count Date:	8/14/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	2.5	-3.5	N/A	N/A	N/A	N/A	3	8	239	12	322	230	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/14/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-322.XLD
Batch Ended: 8/14/95 14:42
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: 1440

Application Revision: 3
Application Version: Standard

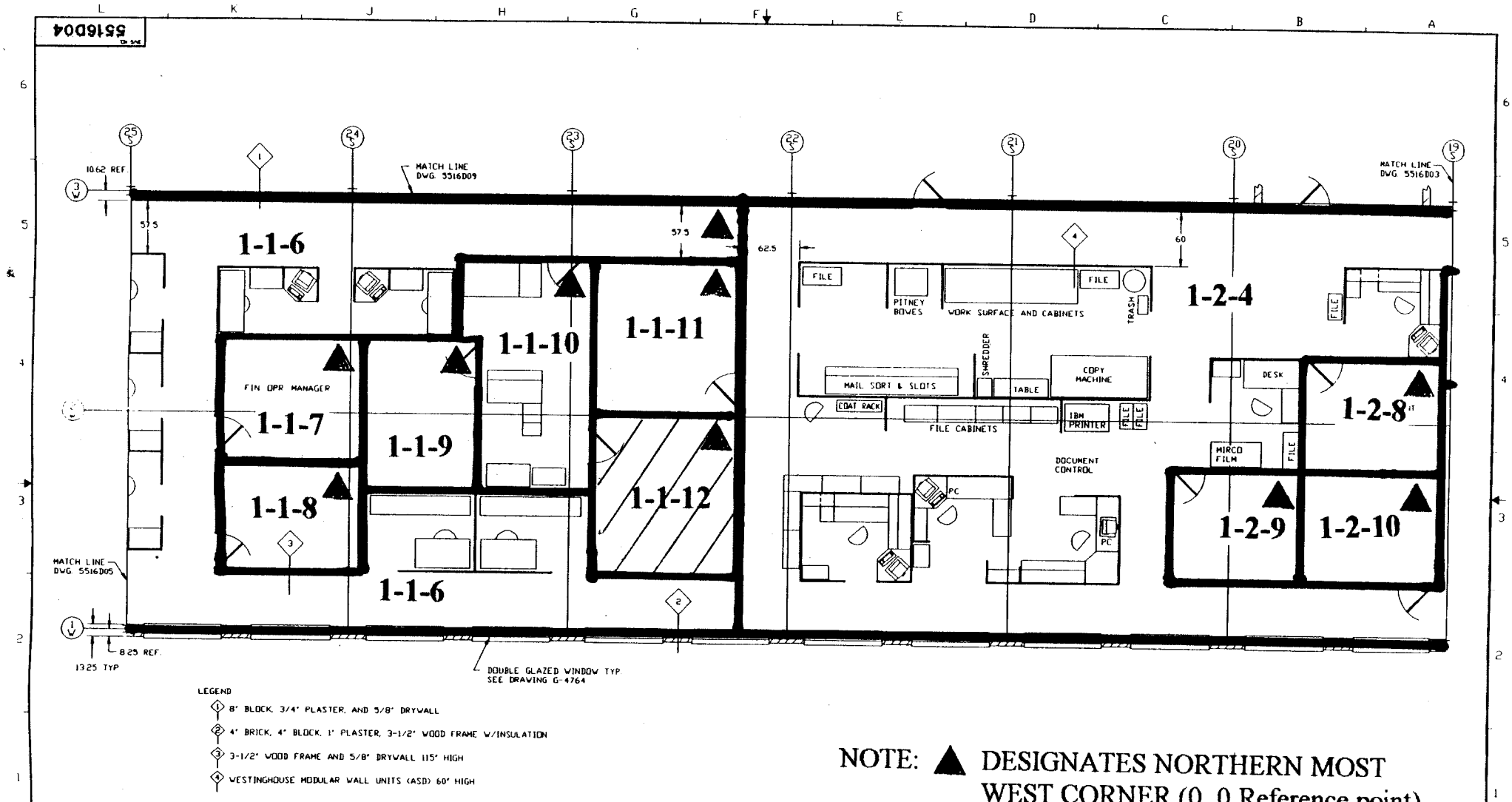
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-1-12

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
13	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/14/95 14:42

UNIT: 1-1-12
SN: 01-322
DATE: 3-22-95
BY: CV/UTILS



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

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DES DFTN V. CLAWSON 01-07-08

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 = 12

5516D04

Blairsville Point Survey Form #003

Survey Serial #:	B01-323
Survey Section:	1
Survey Unit:	1
Survey Sub-unit:	6
Classification:	4
Survey Type:	UPPER
Survey Date:	3/22/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	210

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	0.5	-3.5	N/A	N/A	N/A	N/A	3	8	280	12	317	250	-0.99	2	3.51	3	PAINTED STEEL
CEILING	0.5	-9	N/A	N/A	N/A	N/A	4	8	246	12	362	250	0.48	2	-0.47	3	PAINTED STEEL
CEILING	0.5	-12	N/A	N/A	N/A	N/A	3	8	268	12	321	230	0.48	2	3.51	3	PAINTED STEEL
CEILING	2.5	-11	N/A	N/A	N/A	N/A	4	8	258	12	340	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2.5	-15	N/A	N/A	N/A	N/A	0	8	283	12	313	240	0.48	2	2.18	3	PAINTED STEEL
CEILING	1	-17	N/A	N/A	N/A	N/A	4	8	247	12	328	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	5.5	-15.5	N/A	N/A	N/A	N/A	0	8	246	12	357	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	7.8	-15.5	N/A	N/A	N/A	N/A	1	8	274	12	394	260	1.96	2	-3.13	3	PAINTED STEEL
CEILING	9.6	-15.5	N/A	N/A	N/A	N/A	12	8	269	12	374	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	11.5	-1	N/A	N/A	N/A	N/A	2	8	322	12	378	280	1.96	2	3.51	3	PAINTED STEEL
CEILING	11.5	-5	N/A	N/A	N/A	N/A	3	8	284	12	367	270	1.96	2	2.18	3	PAINTED STEEL
CEILING	11.5	-8.5	N/A	N/A	N/A	N/A	1	8	294	12	360	270	0.48	2	0.85	3	PAINTED STEEL
CEILING	11.5	-13.5	N/A	N/A	N/A	N/A	0	8	311	12	425	280	0.48	2	3.51	3	PAINTED STEEL
CEILING	11.5	-17	N/A	N/A	N/A	N/A	1	8	278	12	341	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	9.5	-19	N/A	N/A	N/A	N/A	3	8	305	12	345	270	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	8	-26.5	N/A	N/A	N/A	N/A	0	8	288	12	405	270	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	6	-21.5	N/A	N/A	N/A	N/A	4	8	270	12	384	260	0.48	2	-1.80	3	PAINTED STEEL
CEILING	3	-18.5	N/A	N/A	N/A	N/A	2	8	292	12	374	280	0.48	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-323.XLD
Batch Ended: 8/15/95 7:08
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-1-6

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
21	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/15/95 6:30
22	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/15/95 6:32
23	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/15/95 6:35
24	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 6:37
25	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/15/95 6:39
26	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 6:41
27	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 6:43
28	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/15/95 6:46
29	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 6:48
30	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/15/95 6:50
31	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/15/95 6:52
32	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/15/95 6:54
33	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/15/95 6:57
34	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	32	8/15/95 6:59
35	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/15/95 7:01
36	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/15/95 7:03
37	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/15/95 7:05
38	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/15/95 7:08

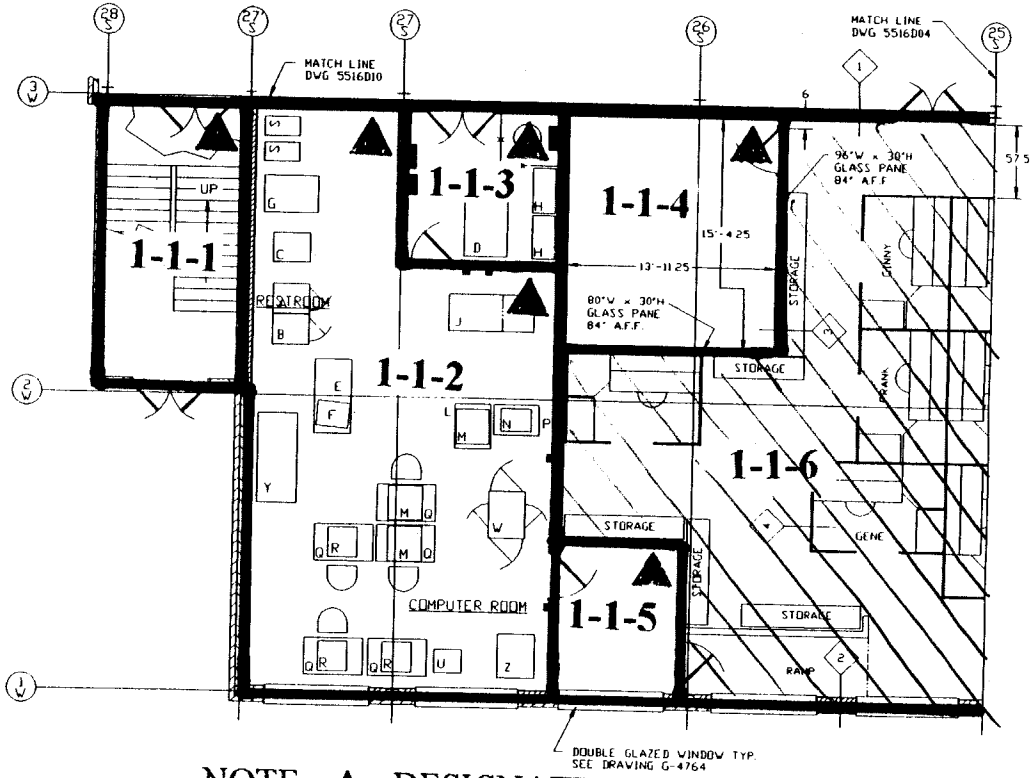
SN: 01323
DATE: 3/22/95
BY: L. Smith / V. Taylor / C. Vergazi

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

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AAA-48925

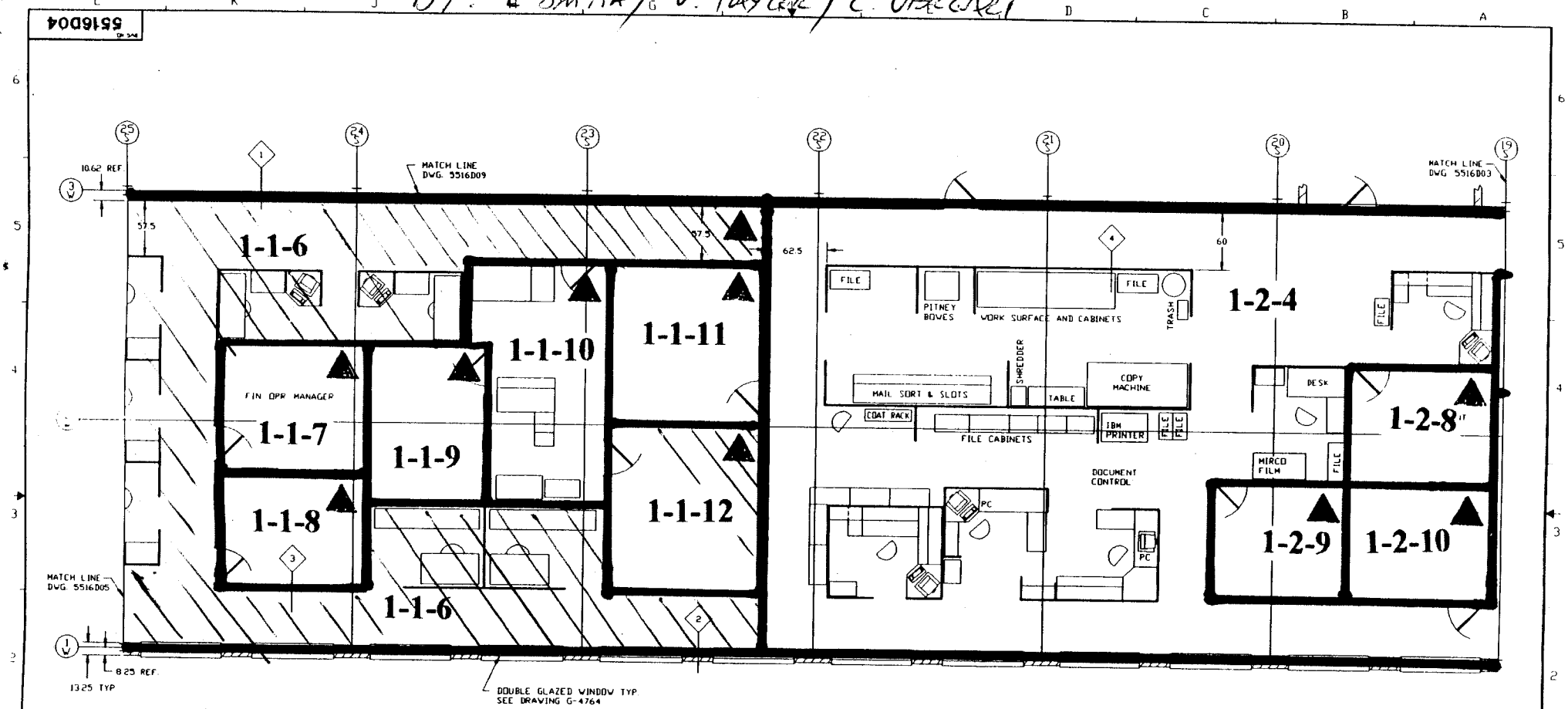
DES DFTM CLAWSON 11/10/74

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 : 12

SN: 01323
DATE: 3/22/95
BY: L. Smith / V. Taylor / C. Vergari



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

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DES DFTN V. CLAWSON 01-07-98

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE, PA USA

TITLE MAIN BUILDING EQUIPMENT LAYOUT OFFICE AREA

SCALE 25 = 12

Blairsville Point Survey Form #003

Survey Serial #:	B01-324
Survey Section:	1
Survey Unit:	47
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	286

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	5	-0.5	N/A	N/A	N/A	N/A	1	8	314	12	414	270	0.48	2	0.85	3	PAINTED STEEL
CEILING	9	-0.5	N/A	N/A	N/A	N/A	2	8	319	12	463	270	-0.99	2	7.50	3	PAINTED STEEL
CEILING	11	-1	N/A	N/A	N/A	N/A	2	8	321	12	405	290	-0.99	2	4.84	3	PAINTED STEEL
CEILING	7	-3.7	N/A	N/A	N/A	N/A	1	8	267	12	310	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	2.5	-3.7	N/A	N/A	N/A	N/A	2	8	290	12	380	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	2.5	-7	N/A	N/A	N/A	N/A	2	8	314	12	358	240	-0.99	2	2.18	3	PAINTED STEEL
CEILING	5	-8	N/A	N/A	N/A	N/A	1	8	273	12	396	260	-0.99	2	4.84	3	PAINTED STEEL
CEILING	1.5	-9.8	N/A	N/A	N/A	N/A	3	8	265	12	378	240	0.48	2	-3.13	3	PAINTED STEEL
CEILING	2.5	-12.5	N/A	N/A	N/A	N/A	6	8	280	12	441	270	0.48	2	0.85	3	PAINTED STEEL
CEILING	9.5	-11.7	N/A	N/A	N/A	N/A	3	8	286	12	418	250	0.48	2	0.85	3	PAINTED STEEL
CEILING	11	-7.7	N/A	N/A	N/A	N/A	2	8	273	12	365	250	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-324.XLD
Batch Ended: 8/15/95 7:32
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: 1440

Application Revision: 3
Application Version: Standard

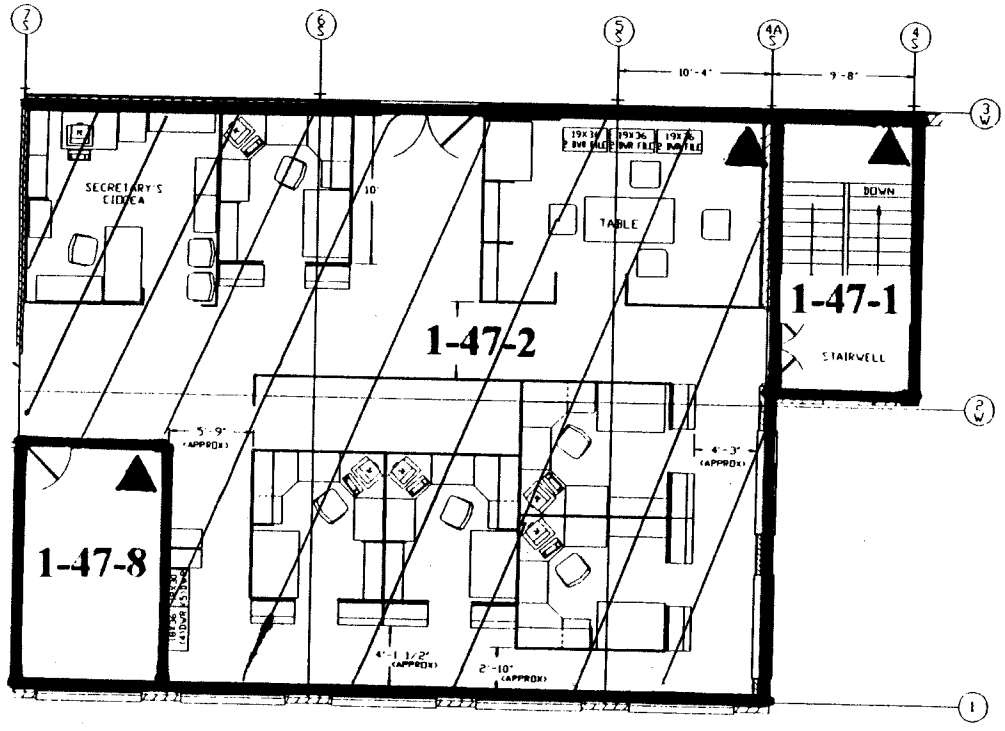
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-47-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
39	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/15/95 7:10
40	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/15/95 7:12
41	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/15/95 7:14
42	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/15/95 7:16
43	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/15/95 7:19
44	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/15/95 7:21
45	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/15/95 7:23
46	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/15/95 7:25
47	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/15/95 7:27
48	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/15/95 7:30
49	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 7:32

UNIT 1-47-2
SN: 01324
DATE: 3-22-95
BY: LS/CV/DT



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

MAIN BUILDING
CENTER NORTH
OFFICE LAYOUT

Blairsville Point Survey Form #003

Survey Serial #:	B01-325

Survey Section:	1
Survey Unit:	47
Survey Sub-unit:	6

Classification:	4
Survey Type:	UPPER

Survey Date:	3/23/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	286

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.SMITH/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
CEILING	2	-0.5	N/A	N/A	N/A	N/A	5	8	238	12	382	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	0.5	-5	N/A	N/A	N/A	N/A	1	8	269	12	354	270	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	2	-8	N/A	N/A	N/A	N/A	3	8	263	12	396	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	4.5	-5.5	N/A	N/A	N/A	N/A	5	8	326	12	396	250	0.48	2	2.18	3	PAINTED STEEL
CEILING	4.5	-3	N/A	N/A	N/A	N/A	1	8	296	12	380	250	0.48	2	6.17	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-325.XLD
Batch Ended: 8/15/95 7:43
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: 1440

Application Revision: 3
Application Version: Standard

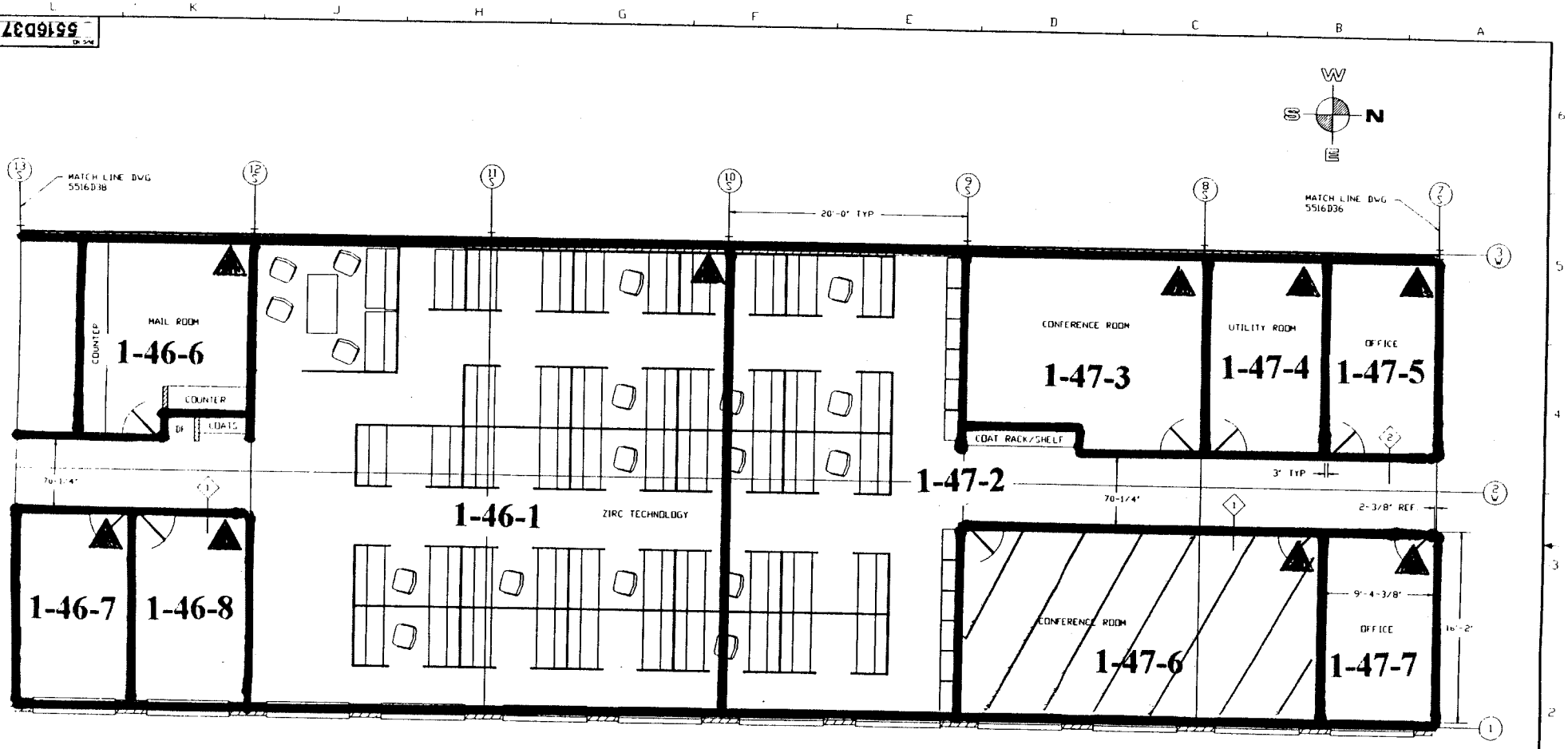
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-47-6

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
50	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 7:34
51	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/15/95 7:36
52	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/15/95 7:39
53	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/15/95 7:41
54	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/15/95 7:43

UNIT: 1-47-6
SN: 01325
DATE: 3.22.95
BY: LS/VT/CV



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-326
Survey Section:	1
Survey Unit:	47
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	218

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	VTAYLOR/L.SMITH/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
CEILING	5.5	-18	N/A	N/A	N/A	N/A	2	8	220	12	342	250	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	5	-28	N/A	N/A	N/A	N/A	17	8	270	12	327	250	-0.99	2	2.18	3	PAINTED STEEL
CEILING	1.5	-31.8	N/A	N/A	N/A	N/A	2	8	272	12	313	240	-0.99	2	3.51	3	PAINTED STEEL
CEILING	4	-31	N/A	N/A	N/A	N/A	3	8	301	12	360	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	7.5	-28	N/A	N/A	N/A	N/A	3	8	247	12	329	240	-0.99	2	2.18	3	PAINTED STEEL
CEILING	7.5	-30	N/A	N/A	N/A	N/A	1	8	240	12	333	220	-0.99	2	3.51	3	PAINTED STEEL
CEILING	11	-30.5	N/A	N/A	N/A	N/A	11	8	286	12	410	270	0.48	2	0.85	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-326.XLD
Batch Ended: 8/15/95 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: 1440

Application Revision: 3
Application Version: Standard

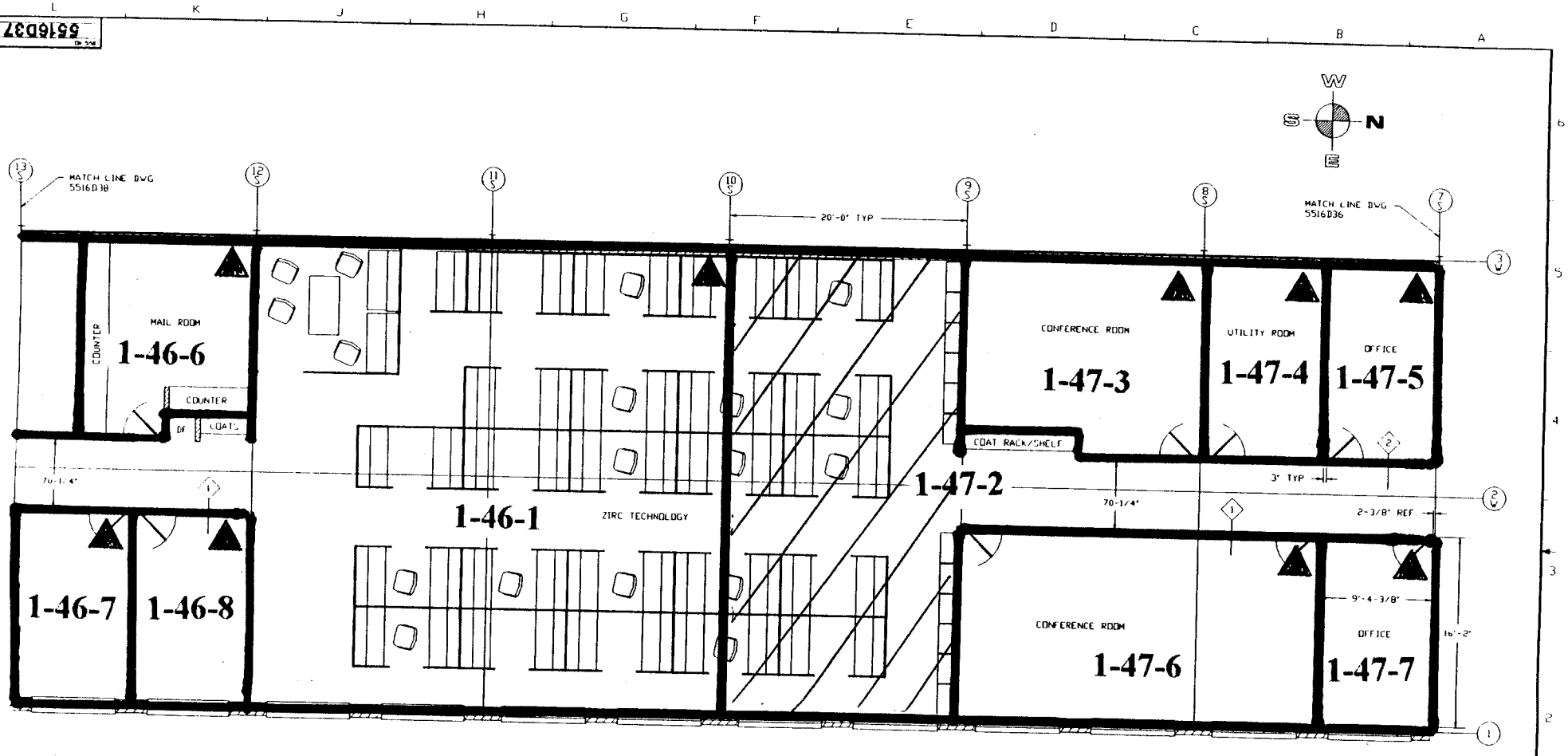
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-47-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
55	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/15/95 7:45
56	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/15/95 7:47
57	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/15/95 7:50
58	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/15/95 7:52
59	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/15/95 7:54
60	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/15/95 7:56
61	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/15/95 7:58

UNIT: 1-47-2
SN: 01326
DATE: 3-23-95
BY: LS/CUTVT



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

SCALE 1/4"=1'-0" SHT 1 OF 1 SHTS DWG NO 5516D37 REV 0

Blairsville Point Survey Form #003

Survey Serial #:	01-327
Survey Section:	1
Survey Unit:	47
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	218

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	3.2	-0.5	N/A	N/A	N/A	N/A	3	8	255	12	347	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	3.2	-5.5	N/A	N/A	N/A	N/A	1	8	278	12	348	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	1	-4.5	N/A	N/A	N/A	N/A	2	8	295	12	397	280	0.48	2	6.17	3	PAINTED STEEL
WEST WALL	2	3.5	N/A	N/A	N/A	N/A	1	8	509	12	663	480	-0.99	2	0.85	3	PAINTED BRICK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-327.XLD
Batch Ended: 8/15/95 8:07
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: 1440

Application Revision: 3
Application Version: Standard

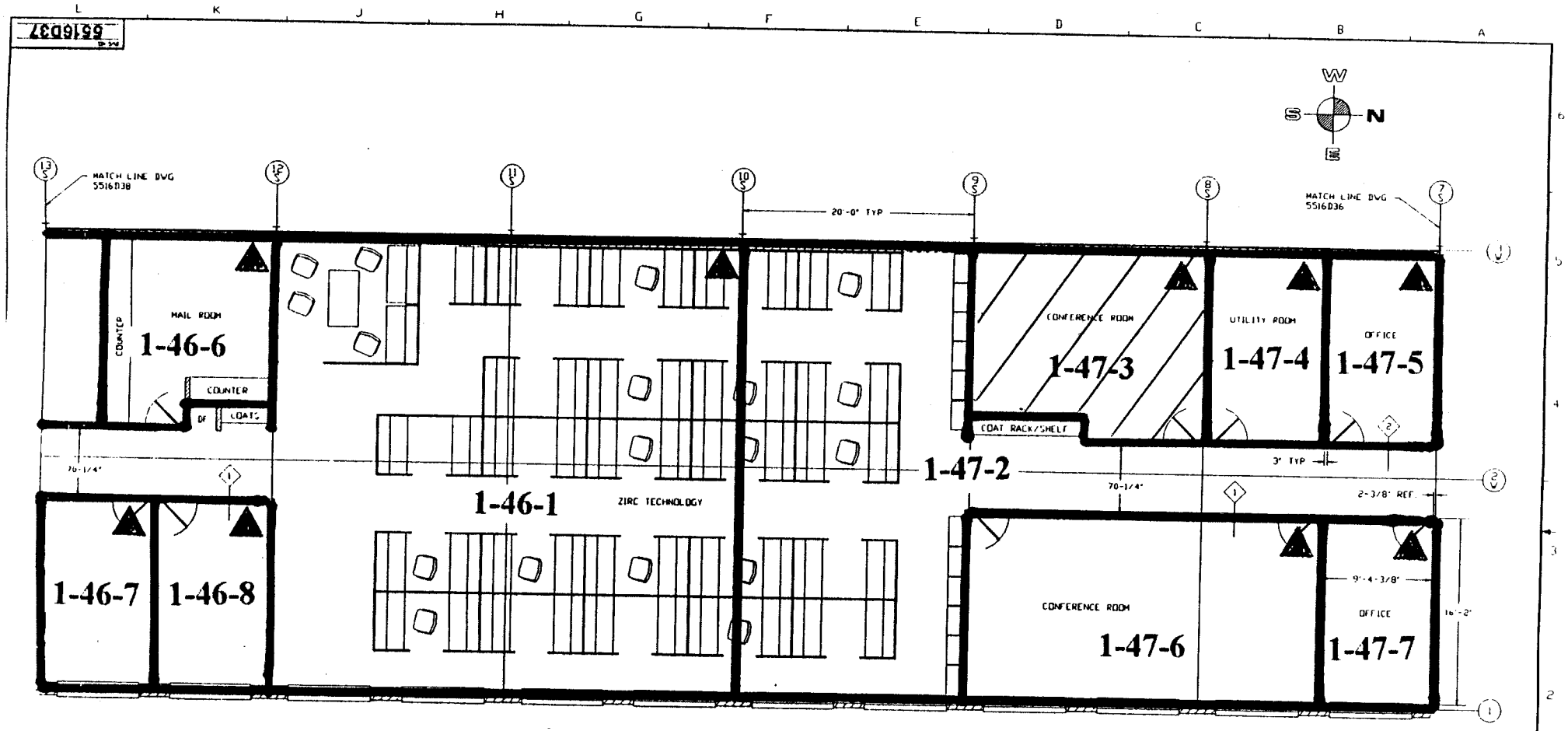
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-47-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
62	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 8:01
63	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/15/95 8:03
64	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/15/95 8:05
65	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/15/95 8:07

UNIT: 1-47-3
SN: 01-327
DATE: 3-23-95
BY: LS/CV/VT



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-328
Survey Section:	1
Survey Unit:	47
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	218

Gamma or Beta/Gamma Instruments

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

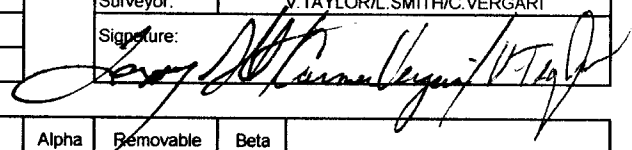
Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1	-0.5	N/A	N/A	N/A	N/A	2	8	308	12	383	240	0.48	2	-3.13	3	PAINTED STEEL
CEILING	3.5	-0.5	N/A	N/A	N/A	N/A	1	8	252	12	317	250	0.48	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-328.XLD
Batch Ended: 8/15/95 8:12
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: 1440

Application Revision: 3
Application Version: Standard

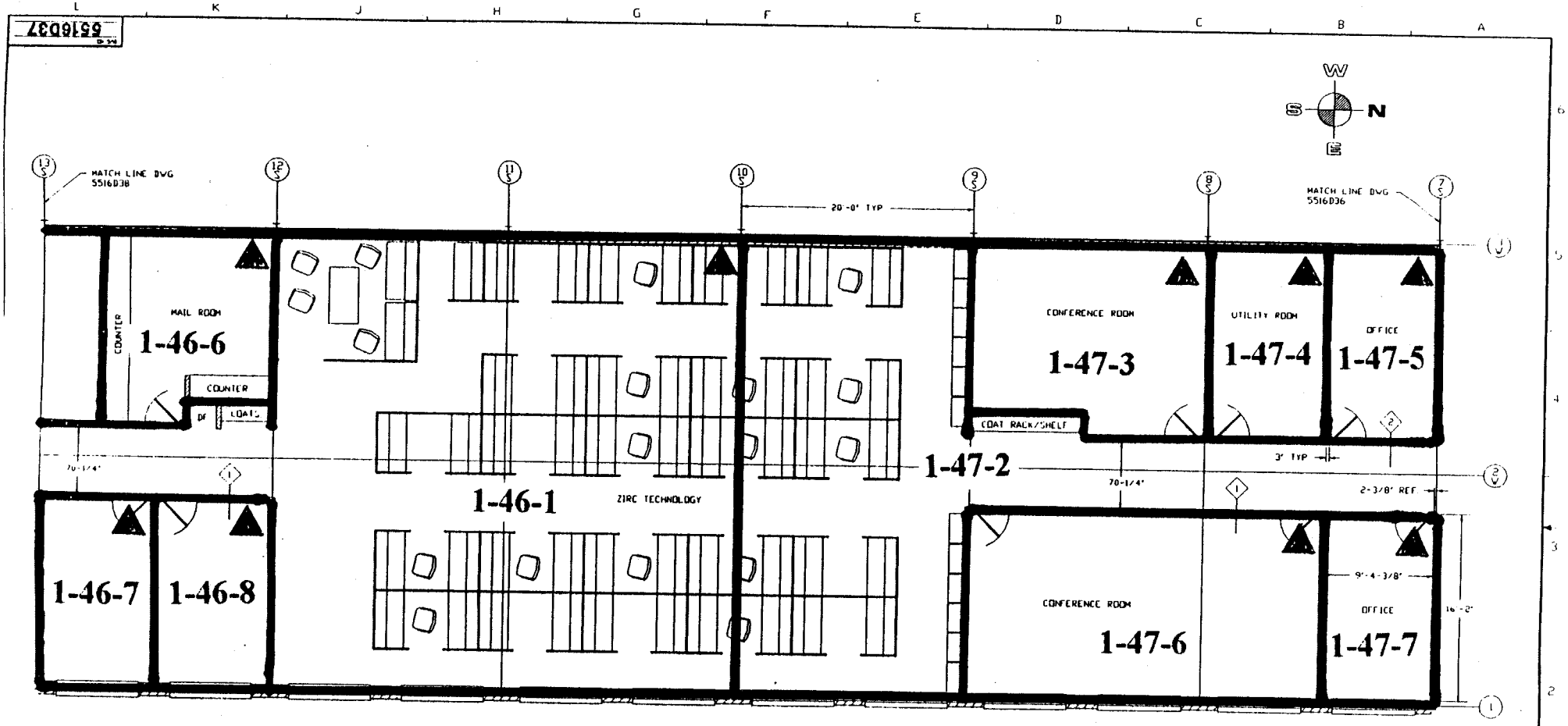
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-47-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
66	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/15/95 8:10
67	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/15/95 8:12

UNIT: 1-47-4
S/N: 01328
DATE: 3-23-95
BY: LS/CVINT



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

DWG. NO. 5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-329
Survey Section:	1
Survey Unit:	47
Survey Sub-unit:	5
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/15/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	218

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-0.5	N/A	N/A	N/A	N/A	3	8	299	12	388	300	-0.99	2	0.85	3	PAINTED STEEL
WEST WALL	2	3.5	N/A	N/A	N/A	N/A	5	8	570	12	736	490	-0.99	2	-0.47	3	PAINTED BRICK
CEILING	2.5	-1.7	N/A	N/A	N/A	N/A	1	8	279	12	372	260	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/15/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-329.XLD
Batch Ended: 8/15/95 8:18
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: 1440

Application Revision: 3
Application Version: Standard

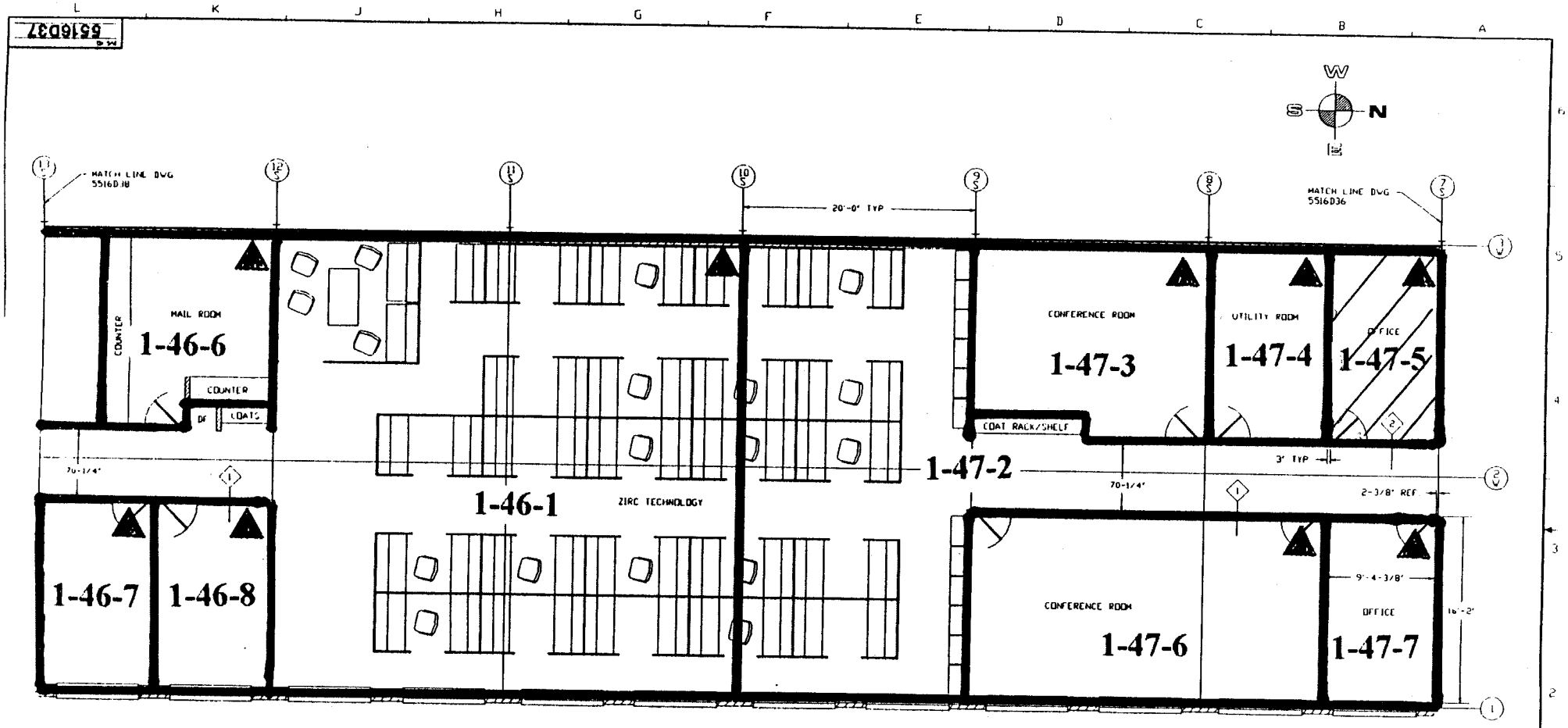
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: blairsville 1-47-5

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
68	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/15/95 8:14
69	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 8:16
70	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/15/95 8:18

UNIT 1-47-5
SN: 01-329
DATE: 3-23-95
BY: LS/CV/VT



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

DWG. No. 5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-330
Survey Section:	1
Survey Unit:	46
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	239

Gamma or Beta/Gamma Instruments

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

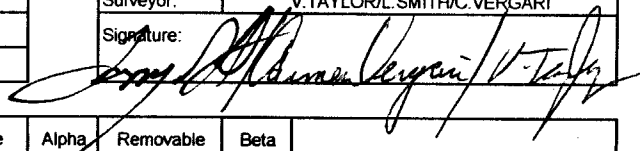
Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1.5	-4.5	N/A	N/A	N/A	N/A	3	8	260	12	319	250	0.48	2	-3.13	3	PAINTED STEEL
CEILING	3.5	-4.5	N/A	N/A	N/A	N/A	1	8	253	12	360	240	-0.99	2	2.18	3	PAINTED STEEL
CEILING	4	-7.5	N/A	N/A	N/A	N/A	3	8	268	12	299	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	7.5	-4.5	N/A	N/A	N/A	N/A	2	8	285	12	338	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	11	-2.5	N/A	N/A	N/A	N/A	6	8	281	12	372	250	1.96	2	0.85	3	PAINTED STEEL
CEILING	8	-6	N/A	N/A	N/A	N/A	5	8	234	12	348	220	-0.99	2	6.17	3	PAINTED STEEL
CEILING	11	-9	N/A	N/A	N/A	N/A	4	8	269	12	423	250	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	11	-11	N/A	N/A	N/A	N/A	3	8	266	12	384	260	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	9	-12	N/A	N/A	N/A	N/A	5	8	232	12	324	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	8	-10	N/A	N/A	N/A	N/A	2	8	261	12	316	240	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	1	-11.5	N/A	N/A	N/A	N/A	1	8	290	12	357	250	0.48	2	-1.80	3	PAINTED STEEL
CEILING	5	-11.5	N/A	N/A	N/A	N/A	1	8	235	12	369	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-25	N/A	N/A	N/A	N/A	1	8	242	12	324	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-27	N/A	N/A	N/A	N/A	1	8	275	12	349	240	0.48	2	-1.80	3	PAINTED STEEL
CEILING	9	-29	N/A	N/A	N/A	N/A	2	8	236	12	350	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	11.5	-29	N/A	N/A	N/A	N/A	2	8	293	12	411	280	-0.99	2	3.51	3	PAINTED STEEL
CEILING	9	-34	N/A	N/A	N/A	N/A	3	8	257	12	291	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	7.5	-35	N/A	N/A	N/A	N/A	4	8	248	12	348	240	0.48	2	2.18	3	PAINTED STEEL
CEILING	5.5	-29	N/A	N/A	N/A	N/A	3	8	302	12	358	270	0.48	2	-1.80	3	PAINTED STEEL
CEILING	1.5	-35	N/A	N/A	N/A	N/A	1	8	318	12	439	260	-0.99	2	2.18	3	PAINTED STEEL
CEILING	7.5	-21	N/A	N/A	N/A	N/A	3	8	246	12	314	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	11.5	-20	N/A	N/A	N/A	N/A	2	8	289	12	354	250	-0.99	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-330.XLD
Batch Ended: 8/17/95 7:55
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

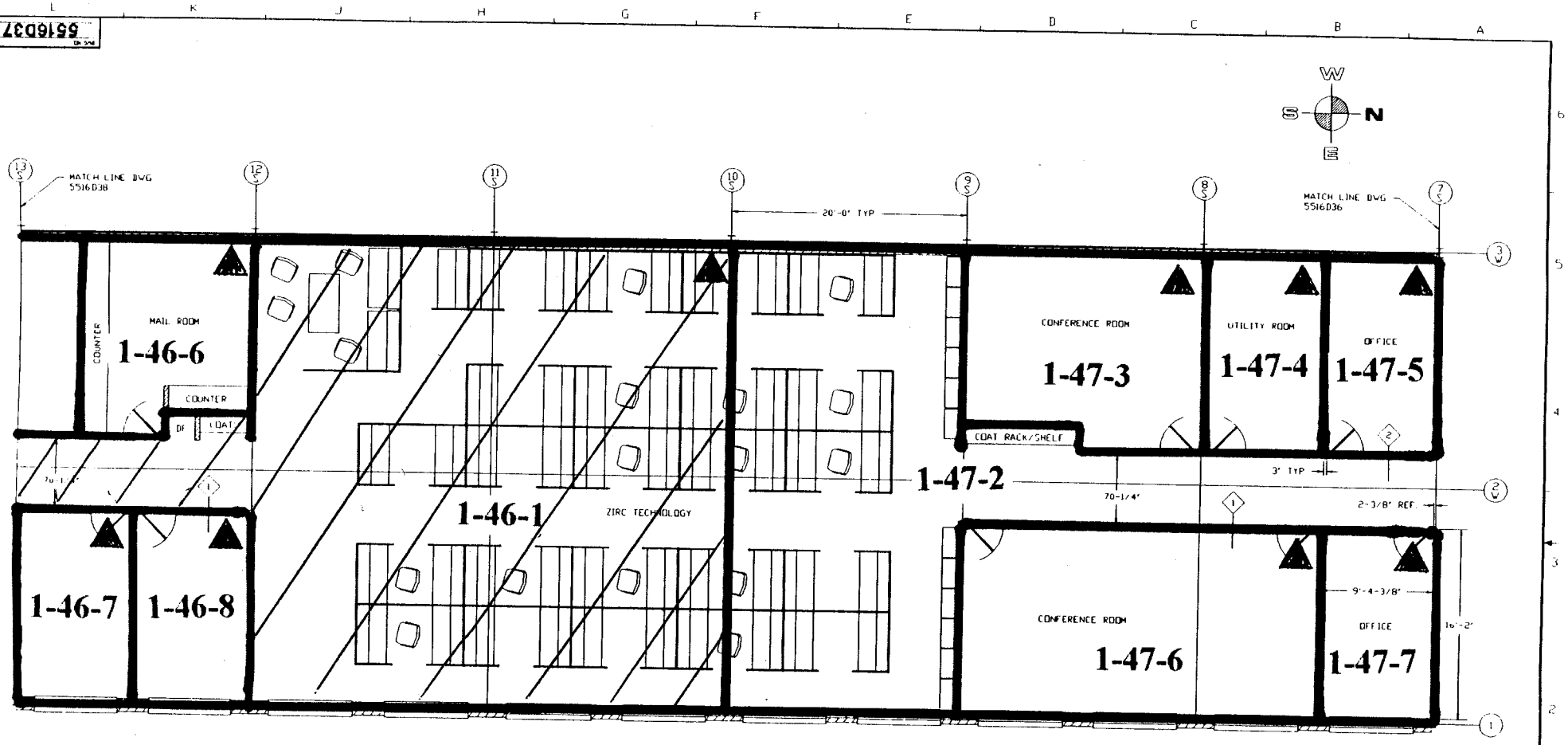
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-46-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/17/95 7:07
2	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/17/95 7:09
3	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 7:11
4	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 7:13
5	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/17/95 7:16
6	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/17/95 7:18
7	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/17/95 7:20
8	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 7:22
9	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 7:24
10	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 7:26
11	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/17/95 7:29
12	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 7:31
13	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 7:33
14	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/17/95 7:35
15	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 7:38
16	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/17/95 7:40
17	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 7:42
18	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/17/95 7:44
19	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/17/95 7:46
20	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/17/95 7:49
21	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 7:51
22	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/17/95 7:53
23	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/17/95 7:55

UNIT: 1-4-6-1
SN: 01-330
DATE: 3-23-95
BY: CURTIS

5516D37



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

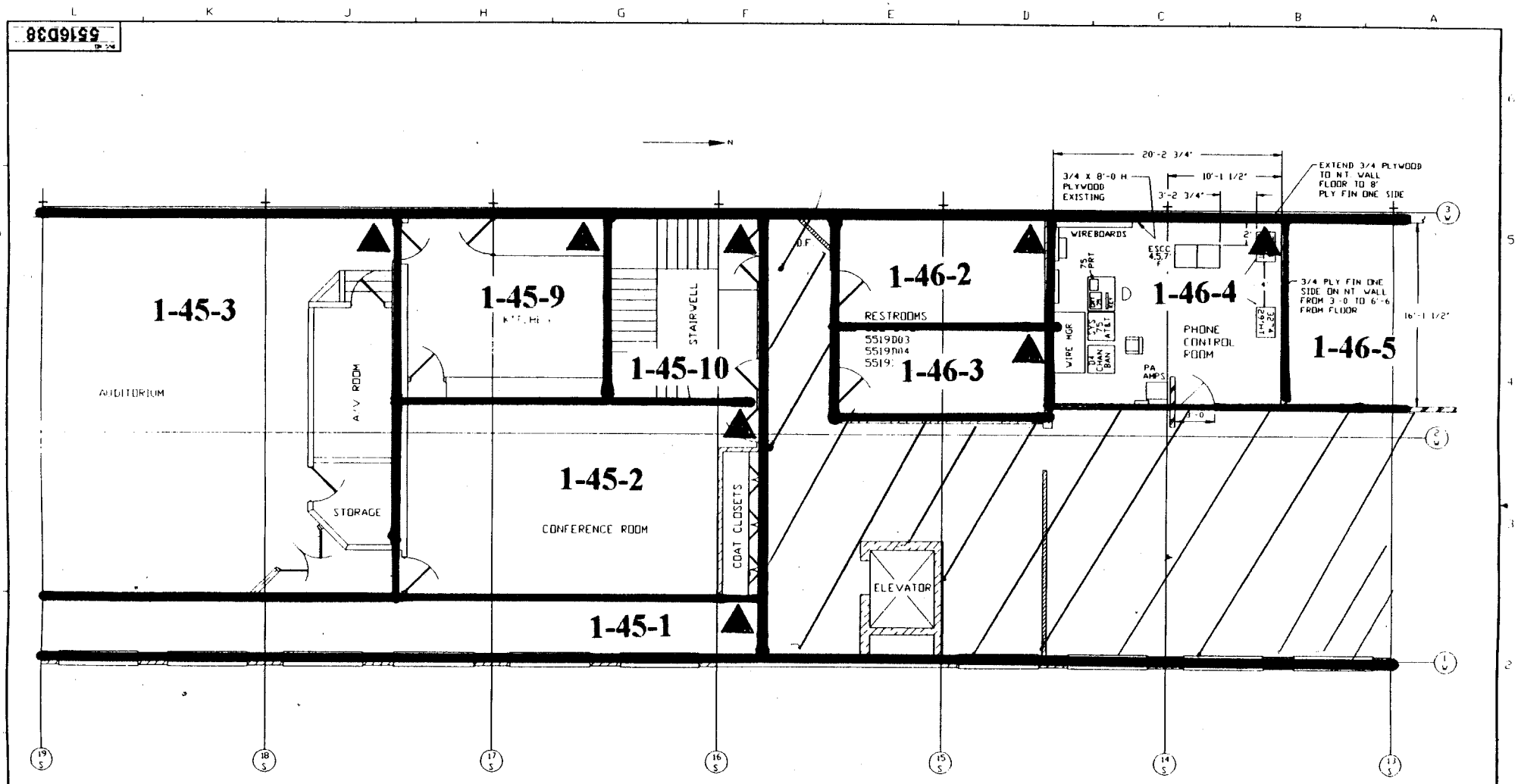
WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

DWG. NO. 5516D37

UNIT: 1-46-1
SN: 01-330
DATE: 3-23-95
BY: CV/VT/LS



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

WESTINGHOUSE PROPRIETARY DATA

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Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE: MAIN BLDG. EQUIPMENT LAYOUT SECOND FLOOR LOBBY

DWG. NO. 5516D38

Blairsville Point Survey Form #003

Survey Serial #:	01-331
Survey Section:	1
Survey Unit:	46
Survey Sub-unit:	6
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	239

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	3.5	-1	N/A	N/A	N/A	N/A	6	8	246	12	298	240	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	0.5	-1.5	N/A	N/A	N/A	N/A	2	8	312	12	387	250	0.48	2	-1.80	3	PAINTED STEEL
WEST WALL	2.5	3.5	N/A	N/A	N/A	N/A	6	8	572	12	383	560	-0.99	2	-3.13	3	UNPAINTED BRICK
CEILING	4.5	-3.5	N/A	N/A	N/A	N/A	2	8	263	12	361	270	-0.99	2	-4.46	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-331.XLD
Batch Ended: 8/17/95 8:04
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: 1440

Application Revision: 3
Application Version: Standard

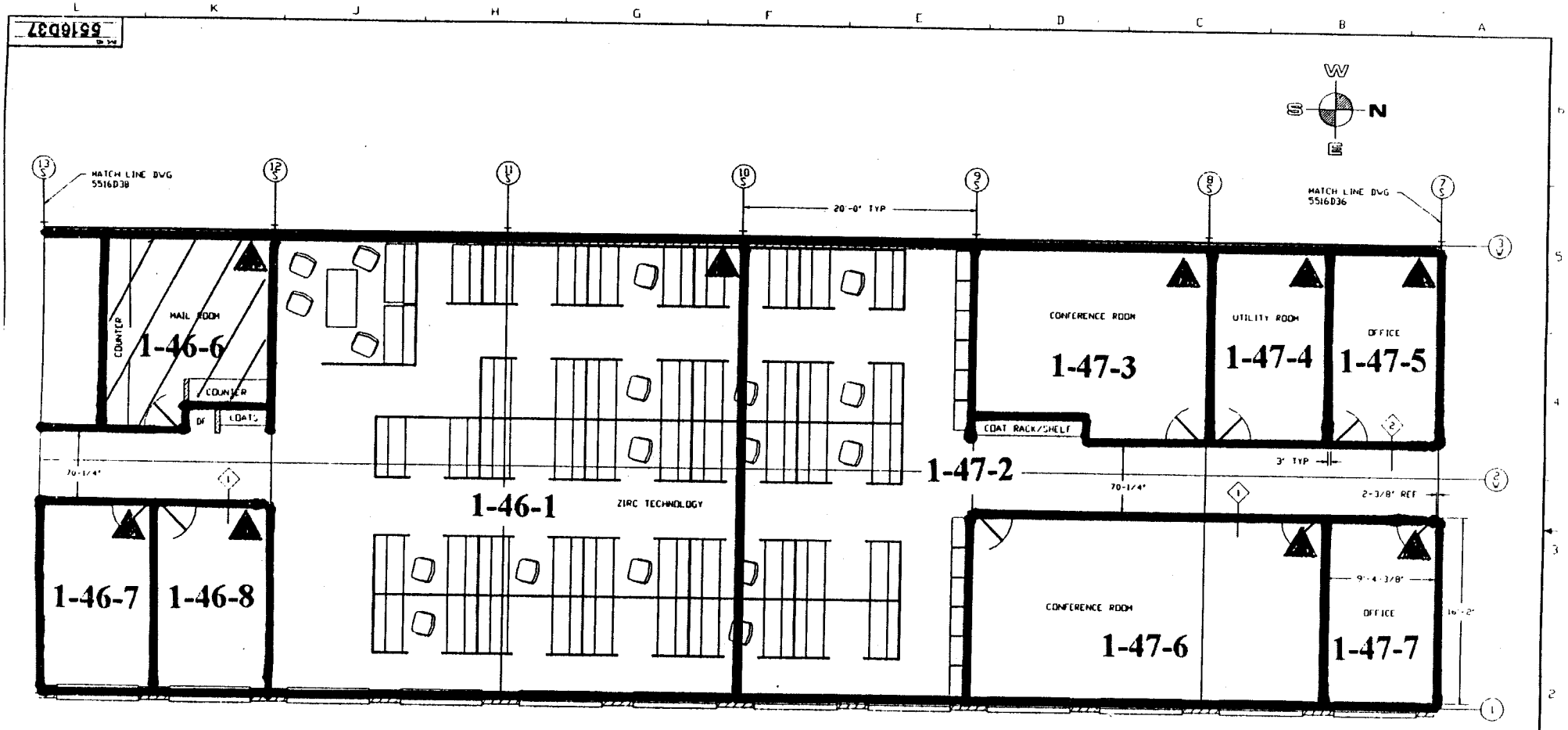
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-46-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
24	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/17/95 7:57
25	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/17/95 8:00
26	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 8:02
27	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/17/95 8:04

UNIT: 1-46-6
SN: 01-331
DATE: 3-23-95
BY: LS/VT/CV



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-332
Survey Section:	1
Survey Unit:	46
Survey Sub-unit:	7
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	239

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-2.5	N/A	N/A	N/A	N/A	3	8	262	12	379	270	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	5	-1.5	N/A	N/A	N/A	N/A	7	8	300	12	356	250	1.96	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-332.XLD
Batch Ended: 8/17/95 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: 1440

Application Revision: 3
Application Version: Standard

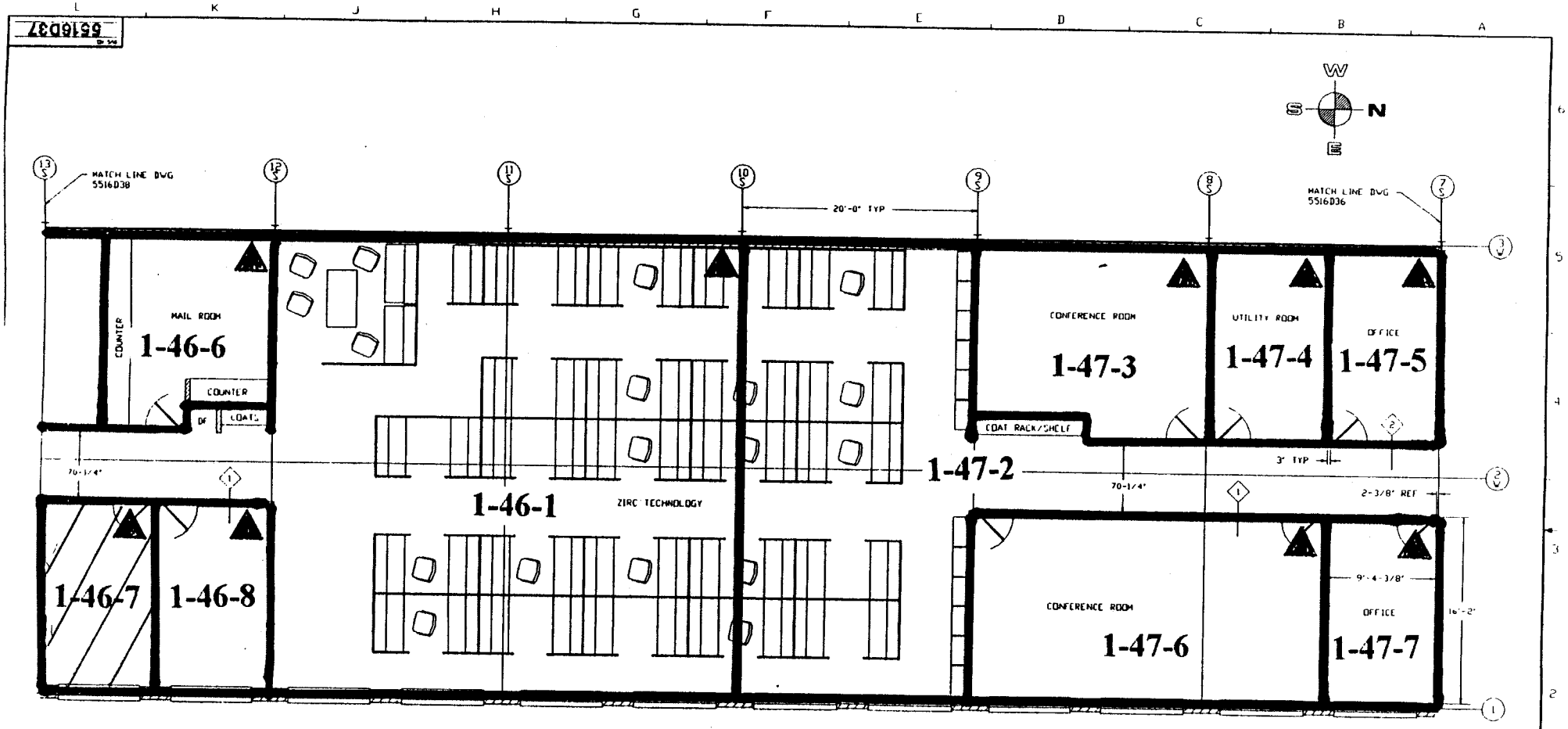
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-46-7

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
28	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 8:06
29	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/17/95 8:09

UNIT: 1-46-7
SN: 01-332
DATE: 3-23-95
BY: CV/DT/GS



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PENNSYLVANIA

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

DWG. NO. 5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-333
Survey Section:	1
Survey Unit:	46
Survey Sub-unit:	8
Classification:	4
Survey Type:	UPPER
Survey Date:	3/23/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	239

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1	-0.5	N/A	N/A	N/A	N/A	3	8	270	12	315	230	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	3.5	-0.5	N/A	N/A	N/A	N/A	7	8	233	12	374	250	0.48	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-333.XLD
Batch Ended: 8/17/95 8:13
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: 1440

Application Revision: 3
Application Version: Standard

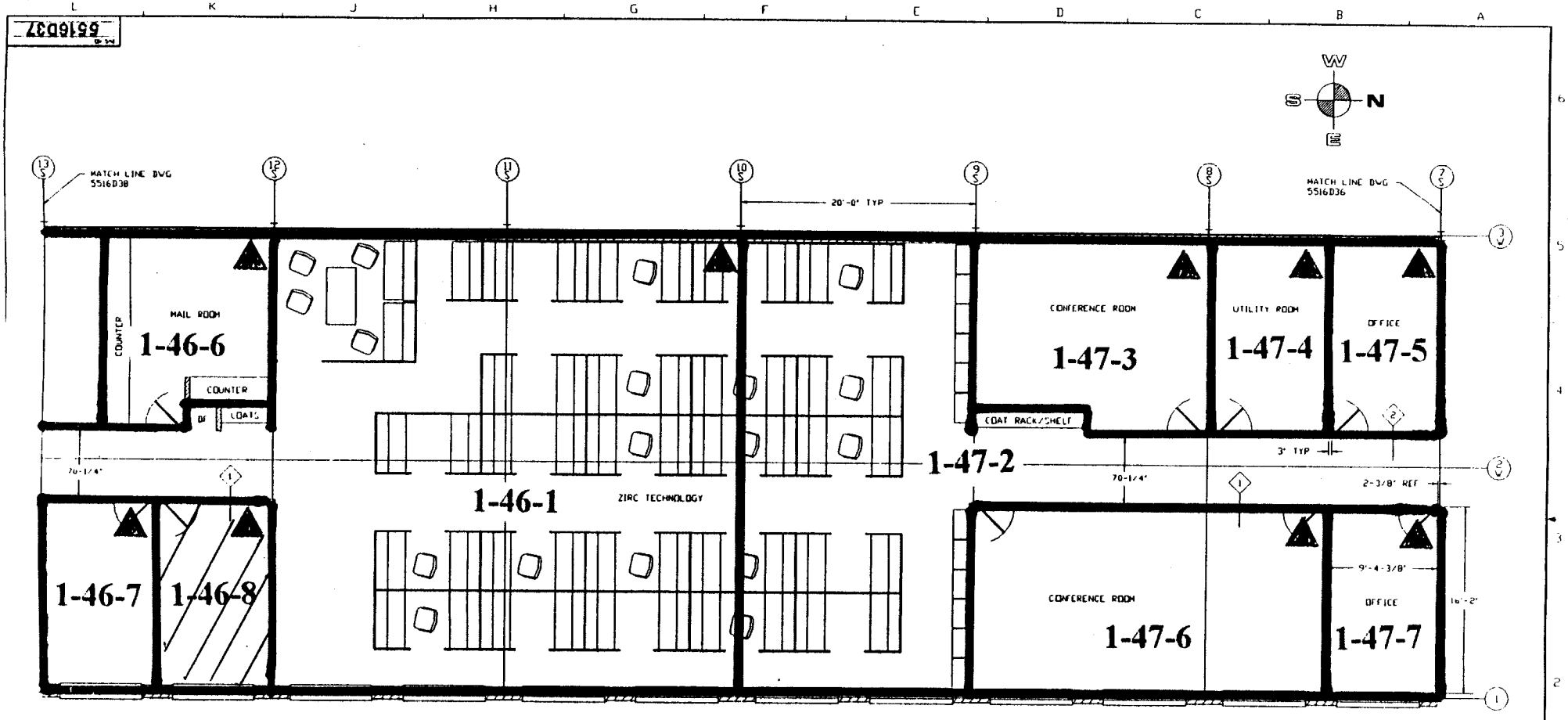
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-46-8

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
30	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 8:11
31	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/17/95 8:13

UNIT: 1-46-8
SN: 01333
DATE: 3-23-95
BY: CV/VT/LS



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT

OFFICE LAYOUT
SECOND FLOOR
MAIN BUILDING

DWG. NO. 5516D37

Blairsville Point Survey Form #003

Survey Serial #:	01-334
Survey Section:	1
Survey Unit:	45
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	3/27/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	283

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	1	-5	N/A	N/A	N/A	N/A	4	7	286	12	420	260	-0.99	2	4.84	3	PAINTED STEEL
CEILING	1	-8.5	N/A	N/A	N/A	N/A	1	7	288	12	368	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	1.5	-13	N/A	N/A	N/A	N/A	0	7	254	12	408	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	1.5	-16	N/A	N/A	N/A	N/A	7	7	297	12	329	240	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	4	-16	N/A	N/A	N/A	N/A	2	7	221	12	341	210	-0.99	2	0.85	3	PAINTED STEEL
CEILING	4	-14	N/A	N/A	N/A	N/A	4	7	260	12	406	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	6	-14	N/A	N/A	N/A	N/A	2	7	272	12	369	240	0.48	2	-4.46	3	PAINTED STEEL
CEILING	6	-16	N/A	N/A	N/A	N/A	1	7	232	12	302	220	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	5	-11	N/A	N/A	N/A	N/A	4	7	266	12	340	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	5	-8.5	N/A	N/A	N/A	N/A	1	7	250	12	322	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-5	N/A	N/A	N/A	N/A	2	7	266	12	339	240	0.48	2	0.85	3	PAINTED STEEL
CEILING	4	-3	N/A	N/A	N/A	N/A	3	7	298	12	400	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-3	N/A	N/A	N/A	N/A	0	7	283	12	294	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	8.5	-6	N/A	N/A	N/A	N/A	2	7	235	12	355	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	8.5	-9.5	N/A	N/A	N/A	N/A	4	7	242	12	354	220	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	8.5	-12	N/A	N/A	N/A	N/A	1	7	252	12	349	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	8.5	-13.5	N/A	N/A	N/A	N/A	4	7	255	12	324	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	8.5	-16	N/A	N/A	N/A	N/A	6	7	229	12	362	240	-0.99	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-334.XLD
Batch Ended: 8/17/95 8:53
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: 1440

Application Revision: 3
Application Version: Standard

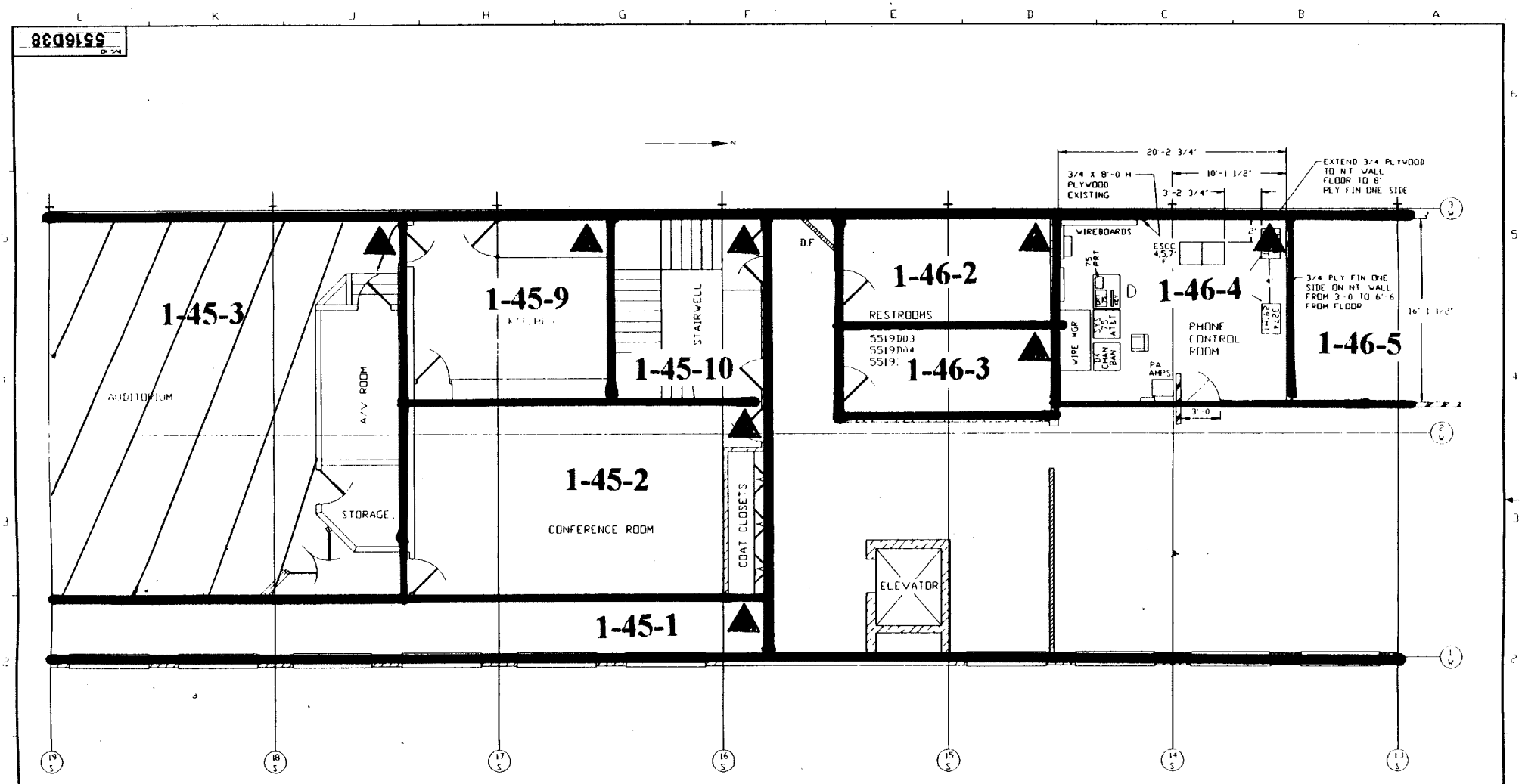
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-45-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
32	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/17/95 8:15
33	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 8:17
34	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 8:20
35	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 8:22
36	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 8:24
37	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 8:26
38	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/17/95 8:28
39	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 8:31
40	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 8:33
41	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 8:35
42	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/17/95 8:37
43	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 8:39
44	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 8:42
45	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 8:44
46	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 8:46
47	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 8:48
48	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 8:50
49	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 8:53

UNIT: 1-45-3
SN: 01-334
DATE: 3-27-95
BY: CV/LS/VT



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

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 DISCLOSED IN WHOLE OR IN PART TO OTHERS OR USED FOR OTHER THAN THE PURPOSE FOR WHICH TRANSMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE WESTINGHOUSE NUCLEAR FUEL OPERATIONS DIVISIONS

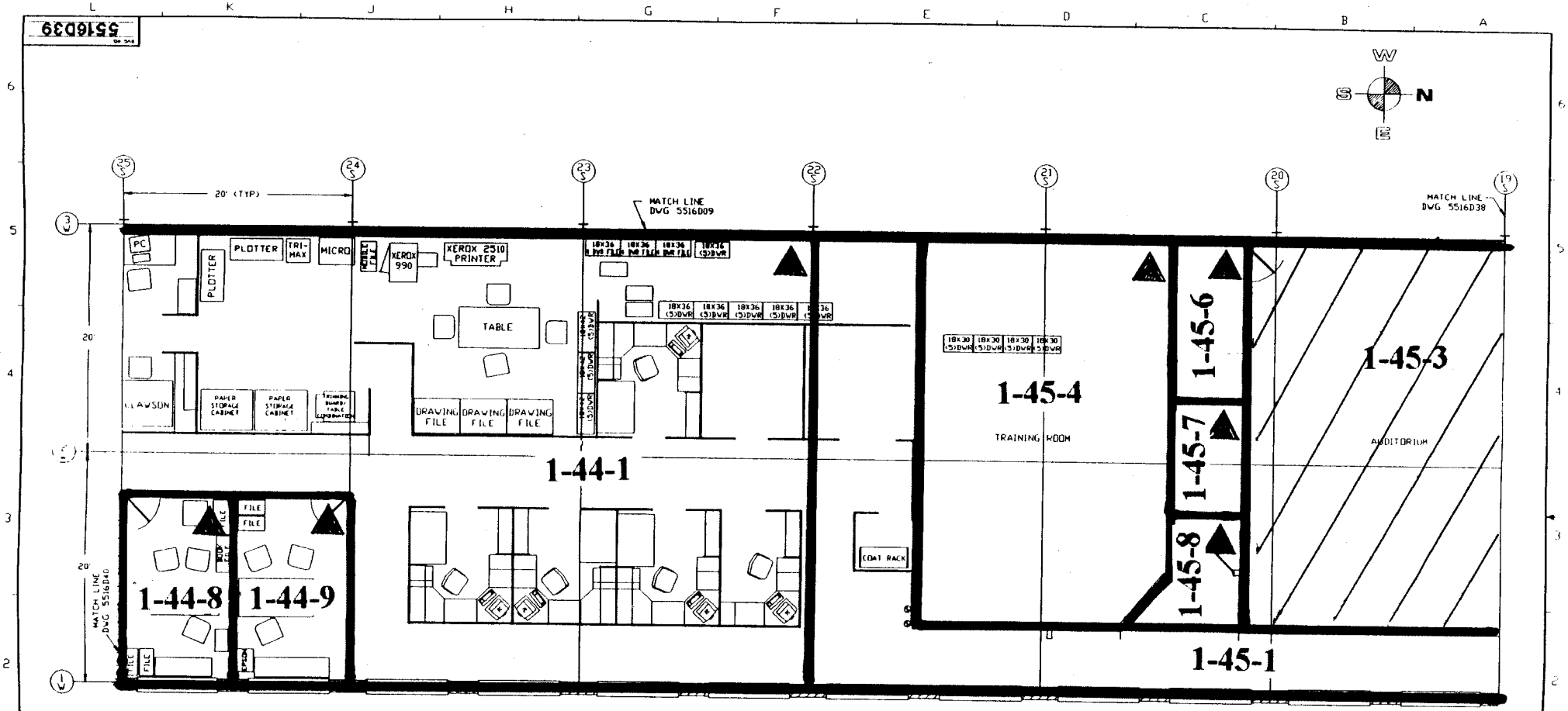
DES DFTN ANDERSON 06/21/81

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BLDG. EQUIPMENT LAYOUT SECOND FLOOR LOBBY

SCALE 1/8" = 1'-0"
SHT 1 OF 1 SHTS
DWG NO. 5516D38

UNIT: 1-45-3
SN: 01334
DATE: 3-27-95
BY: CV/LS/VT



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

TOLERANCES & MACHINING NOTES UNLESS OTHERWISE SPECIFIED

WESTINGHOUSE PROPRIETARY DATA

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DES BY E.J. LIPPANCE 9-26-90
DRWN
DES ENG
MFG ENG
QA ENG
APP

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BLDG. LAYOUT
2nd FLR. SOUTH
XXXX

SCALE 25=12 SHT 1 OF 1 SHTS DWG NO. 5516D39 REV 1-1

Blairsville Point Survey Form #003

Survey Serial #:	01-335
Survey Section:	1
Survey Unit:	45
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	3/27/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	232
1595	12	32.4	3.09	283

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	2.5	-1	N/A	N/A	N/A	N/A	0	6	184	11	298	210	-0.99	2	3.51	3	PAINTED STEEL
CEILING	1.5	-3	N/A	N/A	N/A	N/A	2	6	202	11	266	170	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	2	-5.5	N/A	N/A	N/A	N/A	3	6	222	11	361	210	0.48	2	-0.47	3	PAINTED STEEL
CEILING	2.5	-3	N/A	N/A	N/A	N/A	1	6	187	11	288	200	0.48	2	2.18	3	PAINTED STEEL
CEILING	4.5	-1	N/A	N/A	N/A	N/A	1	6	176	11	287	190	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	7	-1	N/A	N/A	N/A	N/A	0	7	252	12	354	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	8.5	-1.5	N/A	N/A	N/A	N/A	0	7	277	12	337	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	9.5	-4.5	N/A	N/A	N/A	N/A	1	7	333	12	324	210	-0.99	2	0.85	3	PAINTED STEEL
CEILING	8.3	-5.5	N/A	N/A	N/A	N/A	0	7	299	12	404	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6.3	-5.5	N/A	N/A	N/A	N/A	2	7	252	12	303	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	3.8	-5.5	N/A	N/A	N/A	N/A	0	7	248	12	289	240	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-335.XLD
Batch Ended: 8/17/95 9:17
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: 1440

Application Revision: 3
Application Version: Standard

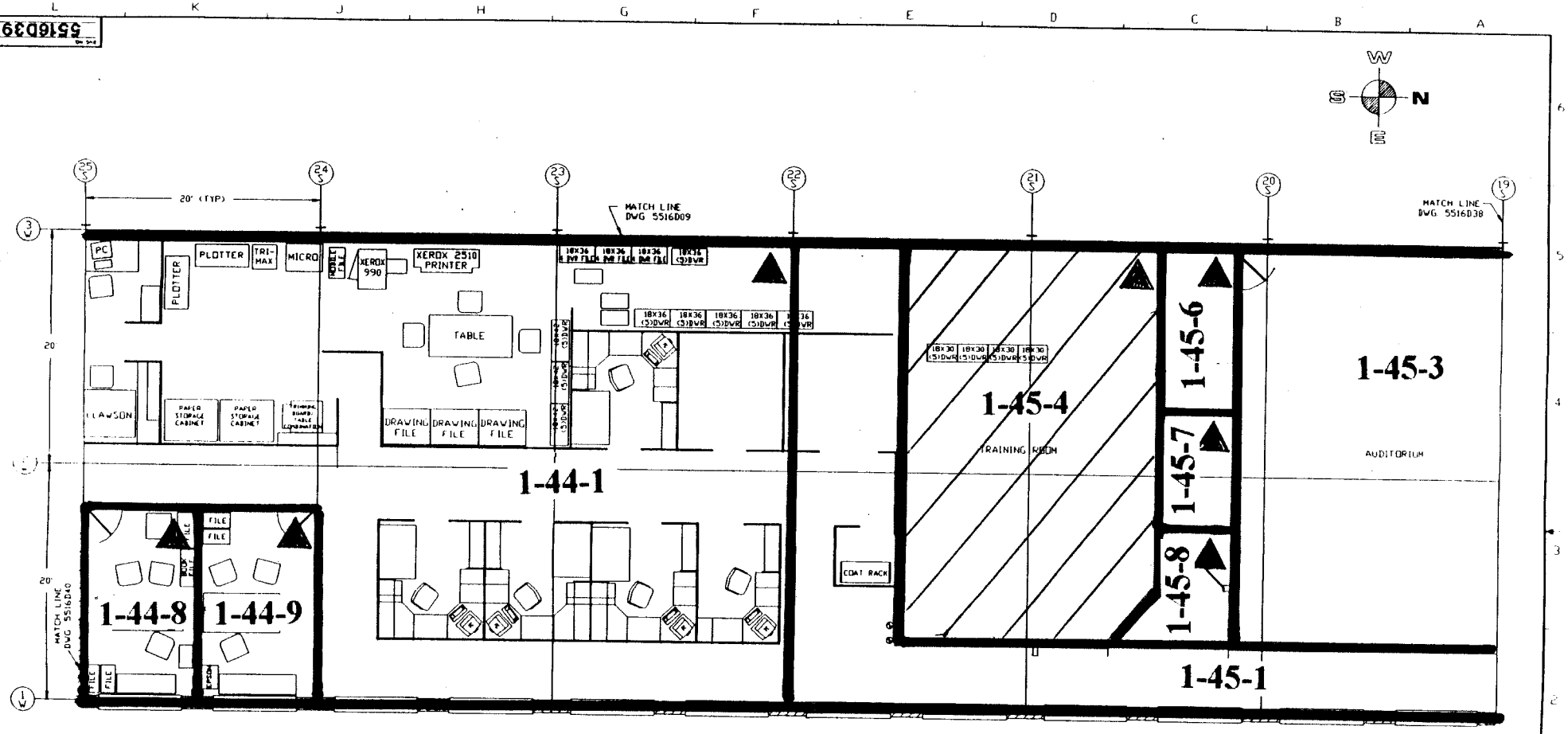
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-45-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
50	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/17/95 8:55
51	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/17/95 8:57
52	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/17/95 8:59
53	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/17/95 9:01
55	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 9:04
54	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 9:06
56	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 9:08
57	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 9:10
58	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/17/95 9:12
59	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 9:15
60	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/17/95 9:17

UNIT: 1-45-4
SN: 01335
DATE: 3-27-95
BY: LS/CV/VI



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

WESTINGHOUSE PROPRIETARY DATA

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

MAIN BLDG. LAYOUT
2nd FLR. SOUTH
XXXX

SCALE 3/32"

5516D39

Blairsville Point Survey Form #003

Survey Serial #:	01-336
Survey Section:	1
Survey Unit:	44
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	3/27/95
Count Date:	8/17/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	267

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-0.5	N/A	N/A	N/A	N/A	5	7	281	12	436	270	1.96	2	-1.80	3	PAINTED STEEL
WEST WALL	4	3.5	N/A	N/A	N/A	N/A	6	7	623	12	737	600	-0.99	2	3.51	3	BRICK
CEILING	3	-1.5	N/A	N/A	N/A	N/A	2	7	284	12	359	260	-0.99	2	-4.46	3	PAINTED STEEL
SOUTH WALL	0.5	3.5	N/A	N/A	N/A	N/A	1	7	385	12	431	350	-0.99	2	-1.80	3	BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/17/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-336.XLD
Batch Ended: 8/17/95 9:26
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: 1440

Application Revision: 3
Application Version: Standard

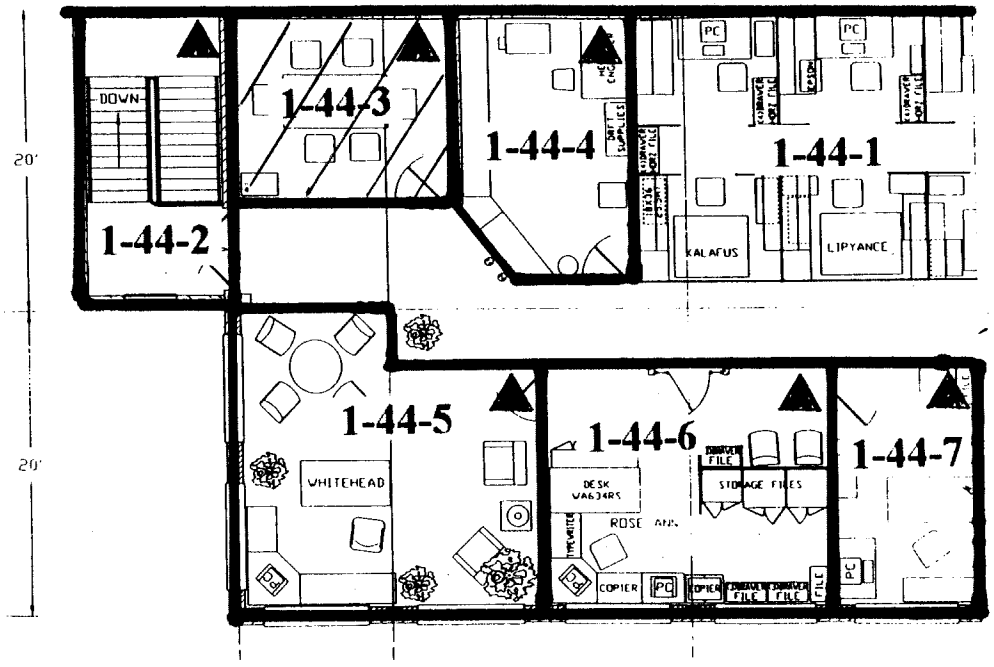
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-44-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
61	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/17/95 9:19
62	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/17/95 9:21
63	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/17/95 9:23
64	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/17/95 9:26

UNIT: 1-44-3
SN: 01-336
DATE: 3-27-95
BY: LS/CV/VT



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

DES DFTM ANDERSON	6-24-83	Westinghouse Electric Corporation SPECIALTY METALS PLANT BLAIRSVILLE, PA. USA
DFTM		TITLE MAIN BLDG. LAYOUT 2nd FLR. - SOUTH
CHKR		
DES ENG		
MFG ENG		
QA ENG		SCALE 25=12
APP		SHT 1 OF 1 SHTS DWG NO. 5516D40 REV 03

C B A DWR 86

Blairsville Point Survey Form #003

Survey Serial #:	01-337
Survey Section:	1
Survey Unit:	44
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	3/27/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	267

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.5	-2	N/A	N/A	N/A	N/A	4	7	340	12	429	300	-0.99	2	-3.13	3	PAINTED STEEL
WEST WALL	1.5	3.5	N/A	N/A	N/A	N/A	4	7	626	12	726	475	-0.99	2	-3.13	3	BRICK WALL
CEILING	4.5	-1.4	N/A	N/A	N/A	N/A	3	7	267	12	245	200	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/21/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-337.XLD
Batch Ended: 8/21/95 6:41
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: 1440

Application Revision: 3
Application Version: Standard

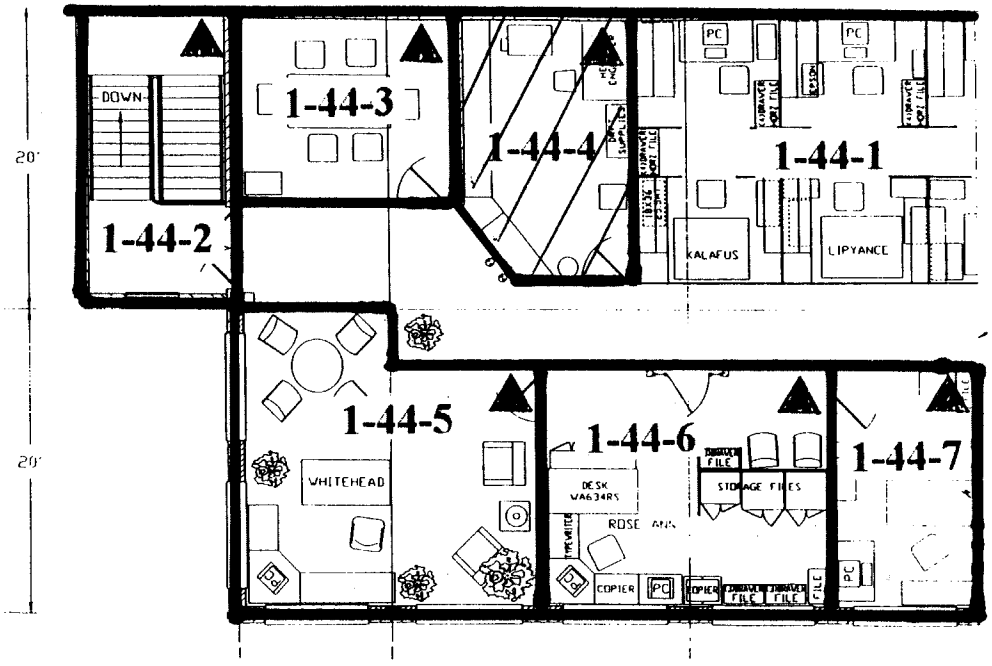
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-44-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 6:37
2	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 6:39
3	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 6:41

UNIT: 1-44-4
SN: 01337
DATE: 3-27-95
BY: CV/VT/KS



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

DES DFTM ANDERSON	6-24-83	Westinghouse Electric Corporation SPECIALTY METALS PLANT BLAIRSVILLE, PA. USA	
DFTM		TITLE MAIN BLDG. LAYOUT 2nd FLR. - SOUTH	
CHKR			
DES ENG			
MFG ENG			
QA ENG			
APP		SCALE .25=12 SHT 1 OF 1 SHTS	DWG NO. 5516D40 REV 03

C B A DWR 86

Blairsville Point Survey Form #003

Survey Serial #:	01-338
Survey Section:	1
Survey Unit:	45
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	3/27/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	267

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	0.7	-1	N/A	N/A	N/A	N/A	0	7	297	12	424	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	0.7	-3.5	N/A	N/A	N/A	N/A	0	7	275	12	408	280	0.48	2	-4.46	3	PAINTED STEEL
CEILING	0.7	-6	N/A	N/A	N/A	N/A	4	7	277	12	388	280	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	-1	-12	N/A	N/A	N/A	N/A	7	7	273	12	340	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	0.7	-15	N/A	N/A	N/A	N/A	4	7	284	12	411	300	0.48	2	-0.47	3	PAINTED STEEL
CEILING	0.7	-17.5	N/A	N/A	N/A	N/A	1	7	283	12	304	250	1.96	2	2.18	3	PAINTED STEEL
CEILING	0.7	-21	N/A	N/A	N/A	N/A	2	7	313	12	357	260	0.48	2	-3.13	3	PAINTED STEEL
CEILING	0.7	-24.5	N/A	N/A	N/A	N/A	2	7	295	12	441	270	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	0.7	-28.5	N/A	N/A	N/A	N/A	0	7	284	12	404	280	3.43	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-338.XLD
Batch Ended: 8/21/95 7:01
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: 1440

Application Revision: 3
Application Version: Standard

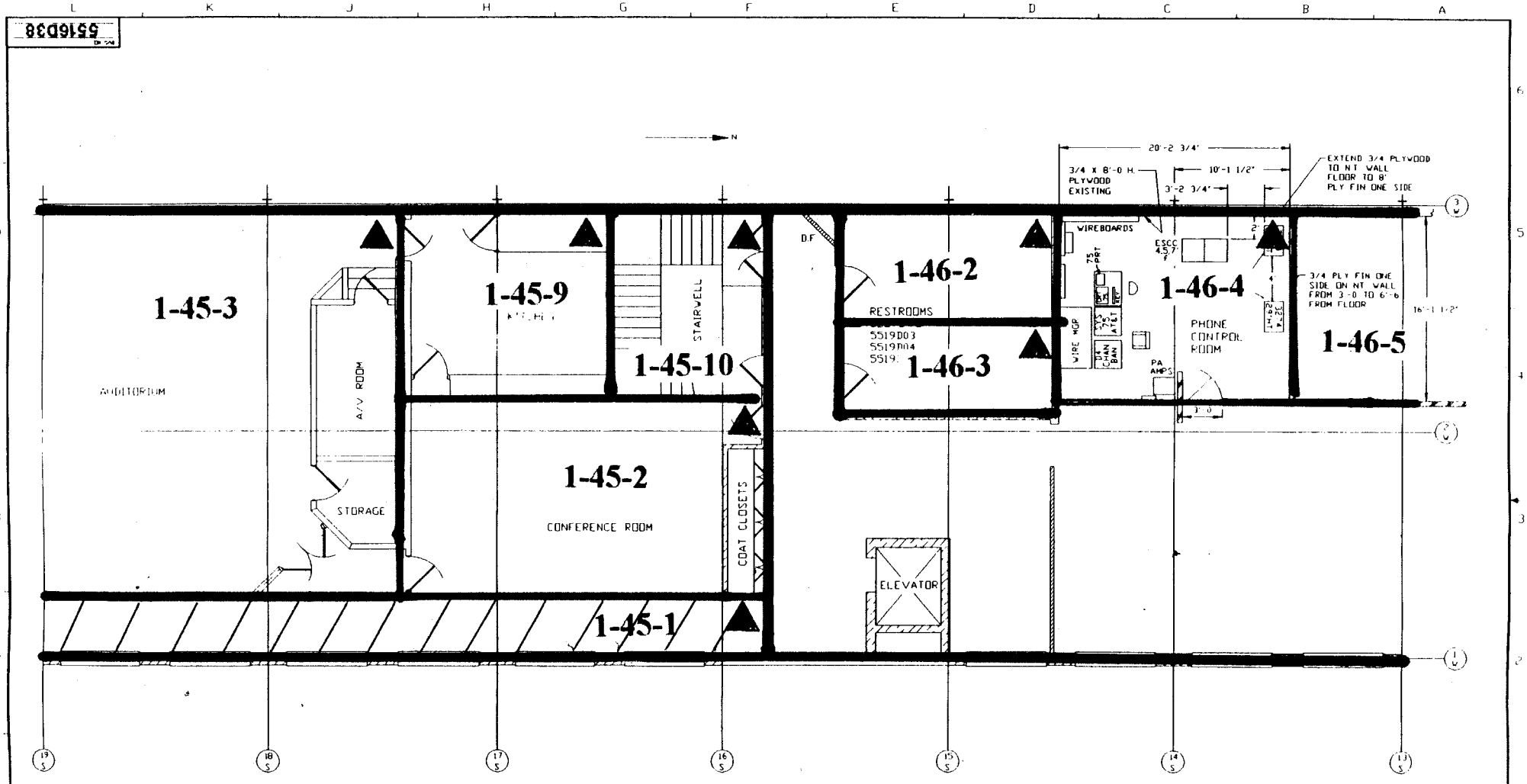
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-45-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
4	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 6:44
5	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/21/95 6:46
6	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 6:48
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 6:50
8	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/21/95 6:53
9	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/21/95 6:55
15	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/21/95 6:57
10	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 6:59
11	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/21/95 7:01

UNIT: 1-45-1
SN: 01338
DATE: 3-27-95
BY: CV/VT/LS



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

WESTINGHOUSE PROPRIETARY DATA

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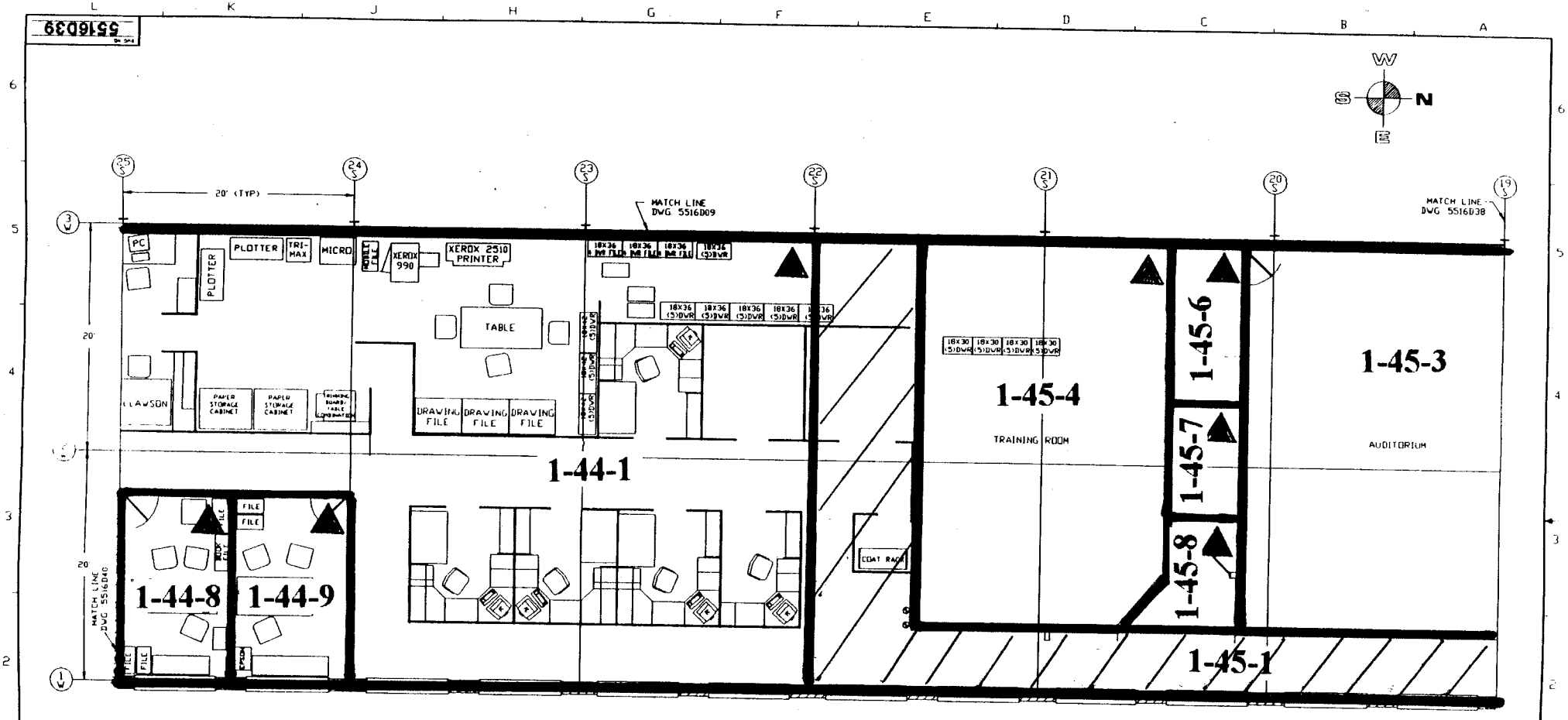
DES DFTN ANDERSON 06/21/83

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BLDG. EQUIPMENT LAYOUT SECOND FLOOR LOBBY

SCALE 25" = 1'
SHT 1 OF 1 SHTS
DWG NO. 5516D38

UNIT: 1-45-1
SN: 01338
DATE: 3-27-95
BY: CV/VT/LS



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

TOLERANCES & MACHINING NOTES UNLESS OTHERWISE SPECIFIED

WESTINGHOUSE PROPRIETARY DATA

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DES DFTR E.J. LIPYANCE 8-26-96

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BLDG. LAYOUT
2nd FLR. SOUTH
XXXX

SCALE 25=12

5516D39

Blairsville Point Survey Form #003

Survey Serial #:	01-339
Survey Section:	1
Survey Unit:	44
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	3/28/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	11.3	-2	N/A	N/A	N/A	N/A	2	7	312	12	358	280	0.48	2	3.51	3	PAINTED STEEL
CEILING	11.3	-5	N/A	N/A	N/A	N/A	4	7	286	12	393	290	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	11.3	-8.7	N/A	N/A	N/A	N/A	8	7	280	12	328	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	11	-11.7	N/A	N/A	N/A	N/A	1	7	256	12	390	280	-0.99	2	2.18	3	PAINTED STEEL
CEILING	6.5	-10	N/A	N/A	N/A	N/A	6	7	269	12	398	270	0.48	2	-3.13	3	PAINTED STEEL
CEILING	8	-9.7	N/A	N/A	N/A	N/A	4	7	265	12	374	280	-0.99	2	0.85	3	PAINTED STEEL
CEILING	8	-6.7	N/A	N/A	N/A	N/A	2	7	249	12	316	260	-0.99	2	2.18	3	PAINTED STEEL
CEILING	7.2	-3.7	N/A	N/A	N/A	N/A	3	7	264	12	426	280	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	4.6	-2	N/A	N/A	N/A	N/A	3	7	264	12	375	280	-0.99	2	2.18	3	PAINTED STEEL
CEILING	5	-6	N/A	N/A	N/A	N/A	3	7	286	12	330	280	0.48	2	3.51	3	PAINTED STEEL
CEILING	1	-1.3	N/A	N/A	N/A	N/A	8	7	284	12	393	290	-0.99	2	0.85	3	PAINTED STEEL
CEILING	1	-5	N/A	N/A	N/A	N/A	4	7	260	12	378	270	-0.99	2	-0.47	3	PAINTED STEEL
WEST WALL	18.7	3.5	N/A	N/A	N/A	N/A	7	7	619	12	646	500	0.48	2	-3.13	3	BRICK
CEILING	0.5	-7	N/A	N/A	N/A	N/A	4	7	301	12	372	280	0.48	2	-4.46	3	PAINTED STEEL
WEST WALL	15.7	3.5	N/A	N/A	N/A	N/A	9	7	664	12	838	600	4.90	2	-0.47	3	BRICK
CEILING	1.5	-10	N/A	N/A	N/A	N/A	3	7	318	12	412	270	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	1.5	-12	N/A	N/A	N/A	N/A	2	7	271	12	412	300	0.48	2	-1.80	3	PAINTED STEEL
WEST WALL	11.5	3.5	N/A	N/A	N/A	N/A	8	7	636	12	736	600	-0.99	2	-1.80	3	BRICK
CEILING	2.5	-16	N/A	N/A	N/A	N/A	4	7	255	12	337	260	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	2.5	-19	N/A	N/A	N/A	N/A	5	7	278	12	340	280	3.43	2	-1.80	3	PAINTED STEEL
CEILING	3.5	-21	N/A	N/A	N/A	N/A	3	7	253	12	368	280	1.96	2	2.18	3	PAINTED STEEL
CEILING	2.5	-24.5	N/A	N/A	N/A	N/A	4	7	278	12	374	280	0.48	2	-0.47	3	PAINTED STEEL
CEILING	6.5	-18.5	N/A	N/A	N/A	N/A	4	7	266	12	295	250	-0.99	2	-1.80	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-339
Survey Section:	1
Survey Unit:	44
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	3/28/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	6.5	-24	N/A	N/A	N/A	N/A	7	7	286	12	342	250	0.48	2	2.18	3	PAINTED STEEL
CEILING	6.5	-28.8	N/A	N/A	N/A	N/A	3	7	251	12	398	300	4.90	2	-1.80	3	PAINTED STEEL
CEILING	4.3	-30.5	N/A	N/A	N/A	N/A	9	7	305	12	432	300	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-339.XLD
Batch Ended: 8/21/95 7:59
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-44-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
12	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/21/95 7:03
13	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 7:06
14	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 7:08
16	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/21/95 7:10
17	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/21/95 7:12
18	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 7:15
19	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/21/95 7:17
20	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 7:19
21	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/21/95 7:21
22	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/21/95 7:23
23	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 7:25
24	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 7:28
25	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/21/95 7:30
26	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/21/95 7:32
27	4.901	2.95	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	1.664	-0.18	8/21/95 7:34
28	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/21/95 7:37
29	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/21/95 7:39
30	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 7:41
31	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 7:43
32	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/21/95 7:45
33	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/21/95 7:48
34	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/21/95 7:50
35	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 7:52
36	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/21/95 7:54

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-339.XLD
Batch Ended: 8/21/95 7:59
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: 1440

Application Revision: 3
Application Version: Standard

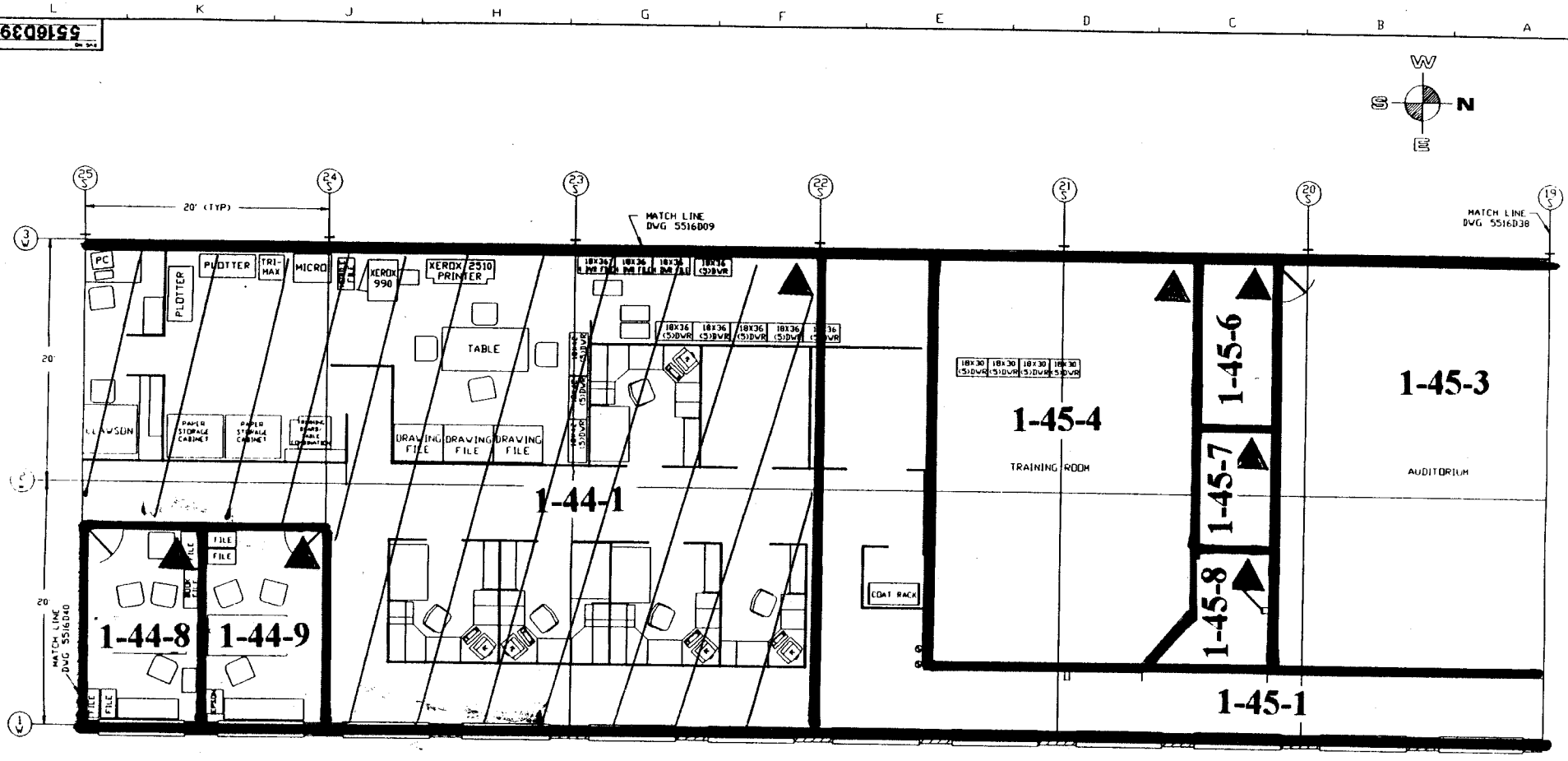
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-44-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
37	4.901	2.95	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.664	-0.68	8/21/95 7:56
38	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 7:59

UNIT: 1-44-1
SN: 01-339
DATE: 3-28-95
BY: LS/CV/VT



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

TOLERANCES & MACHINING NOTES
UNLESS OTHERWISE SPECIFIED

WESTINGHOUSE PROPRIETARY DATA

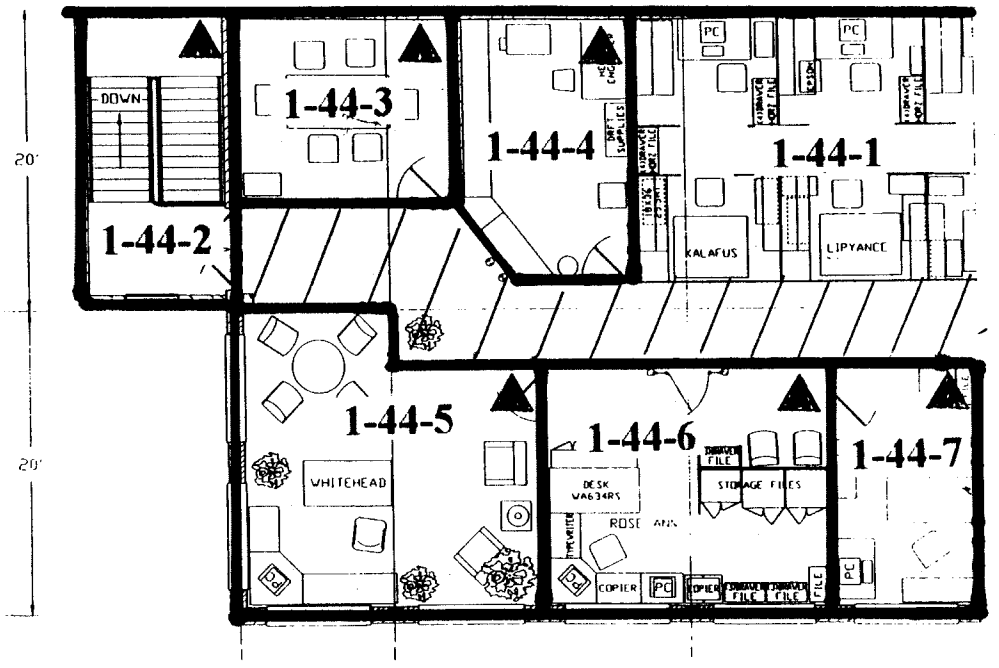
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE WESTINGHOUSE ELECTRIC CORPORATION NUCLEAR FUEL OPERATIONS DIVISIONS. IT IS TRANSMITTED TO YOU IN CONFIDENCE AND TRUST AND IS TO BE RETURNED UPON REQUEST. ITS CONTENT MAY NOT BE DISCLOSED IN WHOLE OR IN PART TO OTHERS OR USED FOR OTHER THAN THE PURPOSE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

DES DFTN E J LIPYANCE 8-24-98
DFTN
CHKR
DES ENG
MFG ENG
QA ENG

Westinghouse Electric Corporation
SPECIALTY METALS PLANT BLAIRSVILLE PA USA

TITLE MAIN BLDG. LAYOUT
2nd FLR. SOUTH
XXXX

UNIT: 1-44-1
SN: 01339
DATE: 3-28-95
BY: CV/VT/LS



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

DES DFTH ANDERSON	6-24-83	Westinghouse Electric Corporation SPECIALTY METALS PLANT BLAIRSVILLE, PA USA	
DFTH		TITLE MAIN BLDG. LAYOUT 2nd FLR. - SOUTH	
CHKR			
DES ENG			
MFG ENG			
QA ENG		SCALE .25=12	REV
APP		SHT 1 OF 1 SHTS	DWG NO. 5516D40 03

C B A DWR 86

Blairsville Point Survey Form #003

Survey Serial #:	01-340
Survey Section:	1
Survey Unit:	44
Survey Sub-unit:	5
Classification:	4
Survey Type:	UPPER
Survey Date:	3/28/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	1	-1	N/A	N/A	N/A	N/A	2	7	283	12	376	300	0.48	2	-1.80	3	PAINTED STEEL
CEILING	3	-2	N/A	N/A	N/A	N/A	5	7	270	12	320	260	-0.99	2	2.18	3	PAINTED STEEL
CEILING	1.6	-5.5	N/A	N/A	N/A	N/A	6	7	298	12	377	280	-0.99	2	0.85	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-340.XLD
Batch Ended: 8/21/95 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: 1440

Application Revision: 3
Application Version: Standard

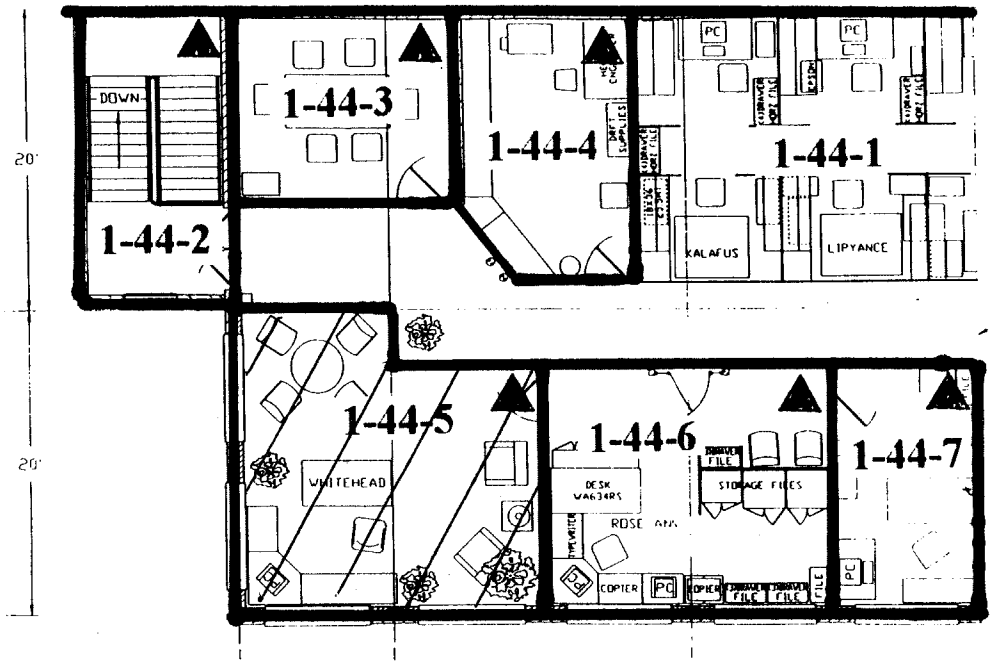
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-44-5

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
39	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/21/95 8:01
40	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/21/95 8:03
41	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 8:05

UNIT: 1-44-5
SN: 01340
DATE: 3-28-95
BY: CVIUTILS



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

DES DFTM ANDERSON	6-24-83	Westinghouse Electric Corporation SPECIALTY METALS PLANT BLAIRSVILLE, PA USA	
DFTM		TITLE MAIN BLDG. LAYOUT 2nd FLR. - SOUTH	
CHKR			
DES ENG			
MFG ENG			
QA ENG		SCALE .25=12	REV.
APP		SHT 1 OF 1 SHTS	DWG NO. 5516D40 03

C B A DVR 86

Blairsville Point Survey Form #003

Survey Serial #:	01-341
Survey Section:	1
Survey Unit:	44
Survey Sub-unit:	6
Classification:	4
Survey Type:	UPPER
Survey Date:	3/28/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

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

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	0.8	-1.5	N/A	N/A	N/A	N/A	2	7	254	12	349	280	-0.99	2	4.84	3	PAINTED STEEL
CEILING	3.8	-1.5	N/A	N/A	N/A	N/A	2	7	262	12	361	280	3.43	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-341.XLD
Batch Ended: 8/21/95 8:10
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-44-6

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
42	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/21/95 8:07
43	3.429	2.56	<AL	7.98	2.18	2.99	<MDA	11.67	2.00	1.164	0.82	8/21/95 8:10

UNIT: 1-44-6
SN: 01341
DATE: 3-28-95
BY: CV/VTLS

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

DES DFTM ANDERSON	6-24-83	Westinghouse Electric Corporation SPECIALTY METALS PLANT BLAIRSVILLE, PA USA	
DFTM		TITLE MAIN BLDG. LAYOUT 2nd FLR. - SOUTH	
CHKR			
DES ENG			
MFG ENG			
QA ENG		SCALE .25=12	REV
APP		SHT 1 OF 1 SHTS DWG NO. 5516D40	03

C B A DWR 86

Blairsville Point Survey Form #003

Survey Serial #:	01-342

Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	3

Classification:	4
Survey Type:	UPPER

Survey Date:	3/28/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	2	-2	N/A	N/A	N/A	N/A	0	7	270	12	362	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	2	-4	N/A	N/A	N/A	N/A	1	7	246	12	402	250	0.48	2	-1.80	3	PAINTED STEEL
CEILING	4	-4	N/A	N/A	N/A	N/A	2	7	244	12	367	250	1.96	2	-0.47	3	PAINTED STEEL
CEILING	2	-4	N/A	N/A	N/A	N/A	5	7	280	12	376	230	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	6	-2	N/A	N/A	N/A	N/A	1	7	246	12	352	230	1.96	2	2.18	3	PAINTED STEEL
CEILING	6	-4	N/A	N/A	N/A	N/A	3	7	275	12	373	240	0.48	2	3.51	3	PAINTED STEEL
CEILING	8	-4	N/A	N/A	N/A	N/A	0	7	259	12	365	220	-0.99	2	0.85	3	PAINTED STEEL
CEILING	8	-2	N/A	N/A	N/A	N/A	2	7	246	12	395	230	1.96	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-342.XLD
Batch Ended: 8/21/95 8:27
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: 1440

Application Revision: 3
Application Version: Standard

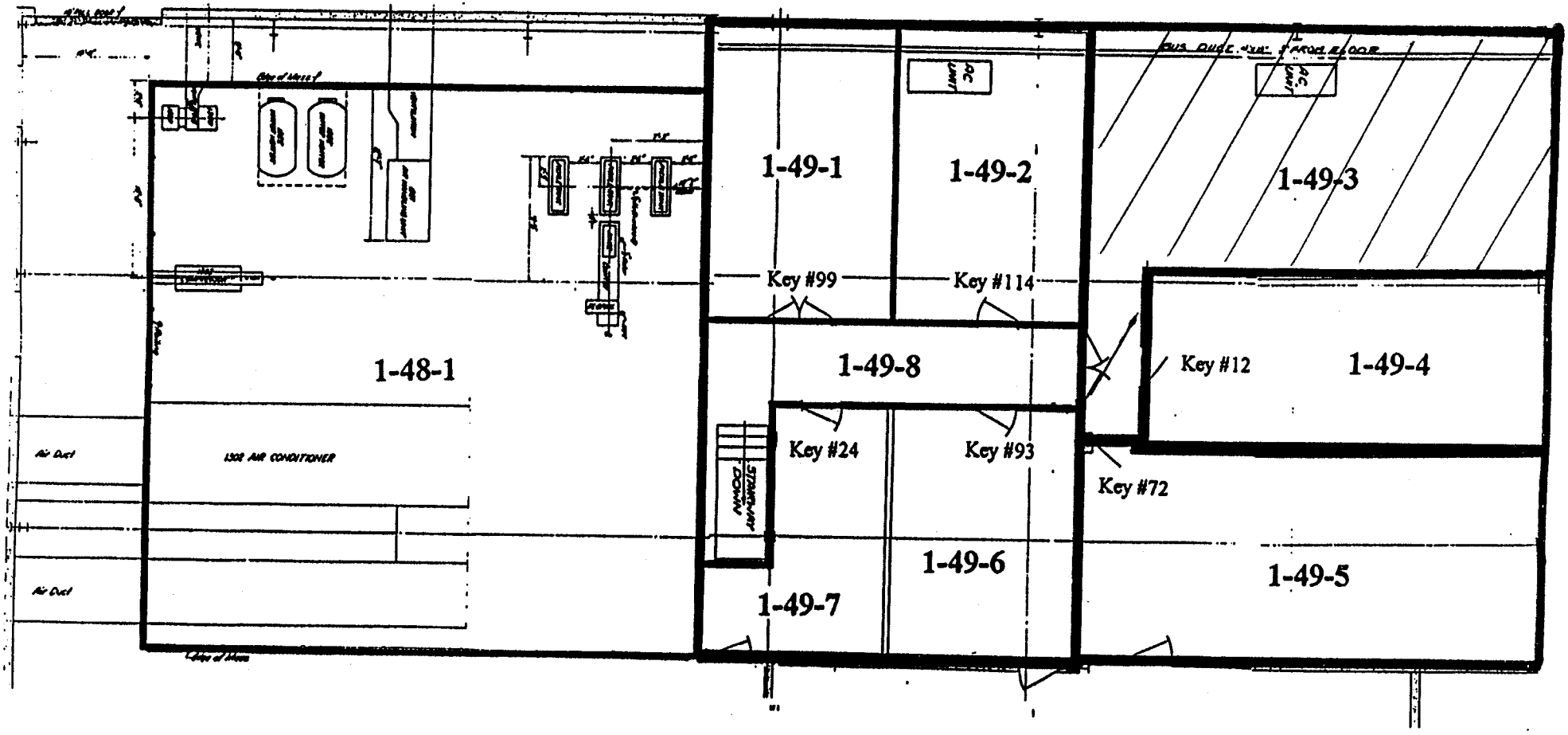
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
44	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 8:12
45	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/21/95 8:14
46	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/21/95 8:16
47	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 8:18
48	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/21/95 8:21
49	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/21/95 8:23
50	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 8:25
51	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/21/95 8:27

UNIT: 1-49-3
SN: 01342
DATE: 3-28-95
BY: CV/VT



Blairsville Point Survey Form #003

Survey Serial #:	01-343
Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	4
Classification:	4
Survey Type:	LOWER
Survey Date:	3/29/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	6

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	201

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	4	Gamma
5245	18	0.01	Beta / Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

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
FLOOR	2	-1	5	23	0.02	18	1	7	319	12	440	310	-0.99	2	-4.46	3	CONCRETE
FLOOR	4	-1	5	23	0.01	18	3	7	313	12	456	300	0.48	2	-1.80	3	CONCRETE
FLOOR	6	-1	4	23	0.01	18	5	7	332	12	417	290	-0.99	2	-0.47	3	CONCRETE
FLOOR	8	-1	5	23	0.02	18	2	7	339	12	424	320	-0.99	2	-0.47	3	CONCRETE
FLOOR	5	-2	4	23	0.01	18	0	7	339	12	408	280	3.43	2	3.51	3	CONCRETE
FLOOR	6	-2	5	23	0.02	18	2	7	323	12	392	310	-0.99	2	2.18	3	CONCRETE
FLOOR	8	-2	5	23	0.02	18	0	7	334	12	356	250	0.48	2	-3.13	3	CONCRETE
FLOOR	1	-3	5	23	0.02	18	0	7	314	12	480	270	1.96	2	-3.13	3	CONCRETE
FLOOR	3	-3	4	23	0.01	18	0	7	396	12	443	330	0.48	2	2.18	3	CONCRETE
FLOOR	5	-3	4	23	0.01	18	3	7	330	12	344	250	-0.99	2	2.18	3	CONCRETE
FLOOR	6	-3	4	23	0.01	18	0	7	334	12	386	270	-0.99	2	-0.47	3	CONCRETE
FLOOR	8	-3	4	23	0.01	18	1	7	320	12	442	290	1.96	2	0.85	3	CONCRETE
WEST WALL	1.3	0.5	N/A	N/A	N/A	N/A	1	7	303	12	366	290	-0.99	2	-4.46	3	PAINTED BLOCK
WEST WALL	3	1	N/A	N/A	N/A	N/A	1	7	325	12	438	300	-0.99	2	-0.47	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-343.XLD
Batch Ended: 8/22/95 10:37
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: 1440

Application Revision: 3
Application Version: Standard

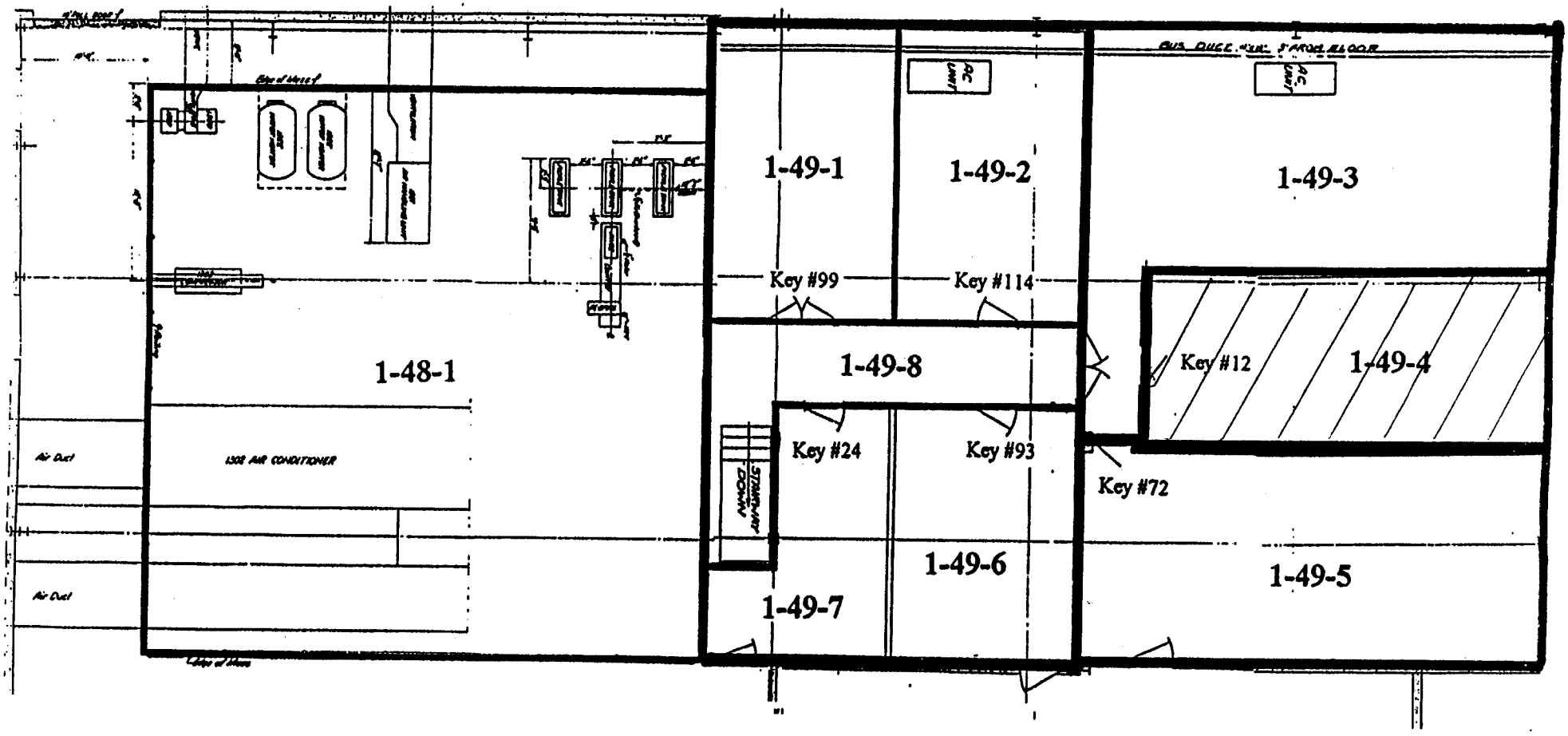
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 01-49-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/22/95 10:08
2	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 10:11
3	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 10:13
4	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 10:15
5	3.429	2.56	<AL	7.98	3.51	3.27	<MDA	11.67	2.00	1.164	1.32	8/22/95 10:17
6	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/22/95 10:19
7	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/22/95 10:22
8	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/22/95 10:24
9	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/22/95 10:26
10	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/22/95 10:28
11	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 10:30
12	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/22/95 10:33
13	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/22/95 10:35
14	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 10:37

UNIT: 1-49-4
SN: 01343
DATE: 3-29-95
BY: CVINT



Blairsville Point Survey Form #003

Survey Serial #:	01-344

Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	5

Classification:	4
Survey Type:	LOWER

Survey Date:	3/29/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	248

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	4	Gamma
5245	18	0.02	Beta / Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

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
FLOOR	2	-1.5	3	23	0.02	18	3	6	230	11	341	240	0.48	2	0.85	3	CONCRETE
FLOOR	4	-1.5	4	23	0.02	18	5	6	261	11	339	250	0.48	2	0.85	3	CONCRETE
FLOOR	6	-1.5	4	23	0.01	18	3	6	300	11	478	280	-0.99	2	-3.13	3	CONCRETE
FLOOR	8	-1.5	5	23	0.01	18	3	6	265	11	356	270	1.96	2	-0.47	3	CONCRETE
FLOOR	9	-0.5	5	23	0.02	18	3	6	276	11	313	230	0.48	2	3.51	3	CONCRETE
FLOOR	10	-1.5	4	23	0.01	18	4	6	295	11	346	260	-0.99	2	-0.47	3	CONCRETE
FLOOR	9	-2.5	4	23	0.01	18	4	6	285	11	357	240	0.48	2	0.85	3	CONCRETE
FLOOR	2	-3.5	3	23	0.01	18	3	6	259	11	343	240	-0.99	2	2.18	3	CONCRETE
FLOOR	4	-3.5	3	23	0.01	18	0	6	259	11	317	230	-0.99	2	-0.47	3	CONCRETE
FLOOR	6	-3.5	3	23	0.01	18	3	6	289	11	392	300	-0.99	2	0.85	3	CONCRETE
FLOOR	8	-3.5	3	23	0.02	18	5	6	299	11	384	310	1.96	2	-0.47	3	CONCRETE
FLOOR	9	-3.5	4	23	0.01	18	3	6	272	11	348	240	-0.99	2	0.85	3	CONCRETE
WEST WALL	1	1	N/A	N/A	N/A	N/A	5	6	259	11	327	250	-0.99	2	-0.47	3	PAINTED BLOCK
WEST WALL	3.5	0.5	N/A	N/A	N/A	N/A	0	6	292	11	376	270	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL	5	1	N/A	N/A	N/A	N/A	2	6	244	11	298	250	0.48	2	0.85	3	PAINTED BLOCK
NORTH WALL	9.8	0.5	N/A	N/A	N/A	N/A	4	6	286	11	377	250	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL	6.5	1	N/A	N/A	N/A	N/A	0	6	254	11	329	260	-0.99	2	-1.80	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-344.XLD
Batch Ended: 8/21/95 10:31
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: 1440

Application Revision: 3
Application Version: Standard

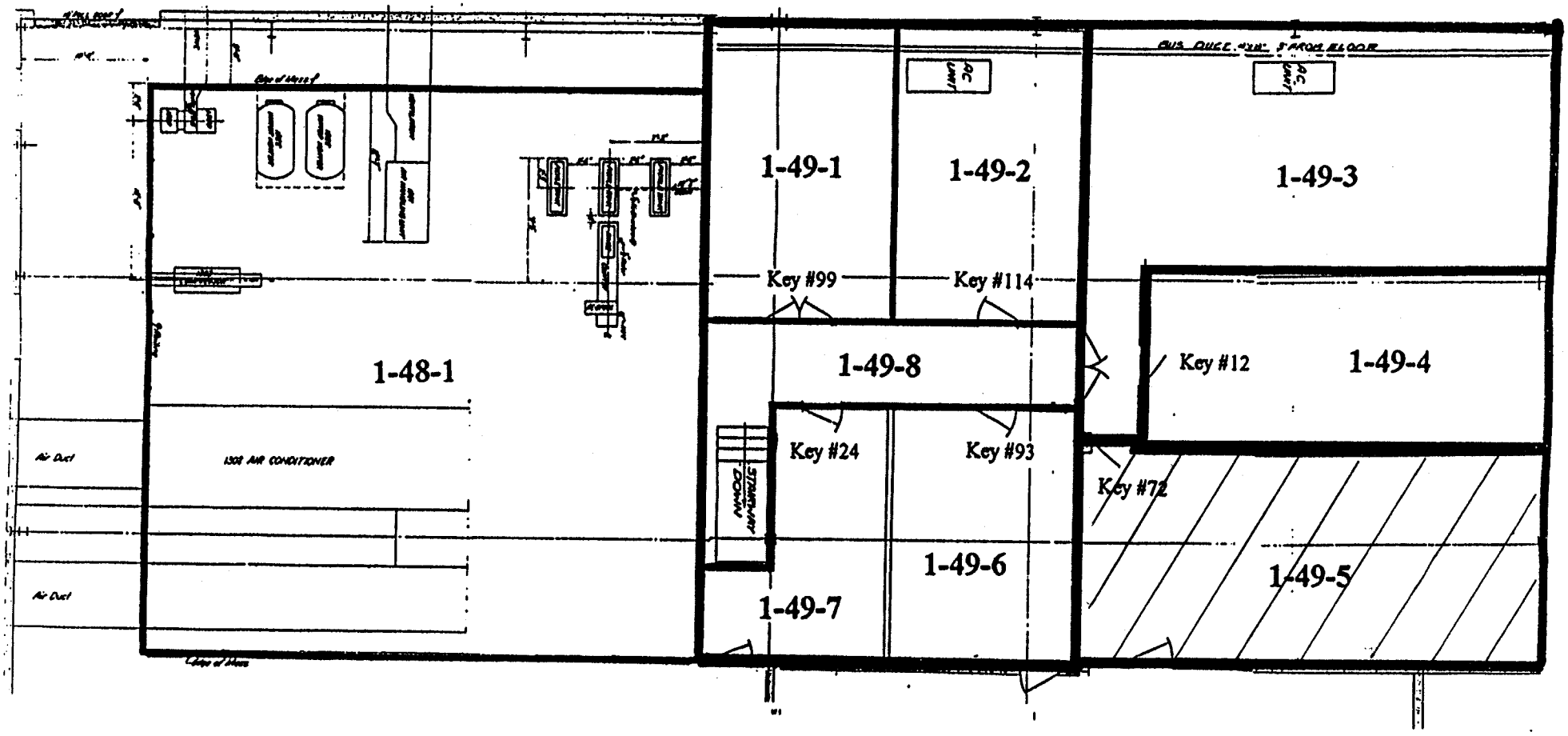
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-5

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
23	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/21/95 9:56
22	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/21/95 9:58
21	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 10:00
20	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/21/95 10:02
19	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/21/95 10:04
18	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 10:07
17	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/21/95 10:09
16	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/21/95 10:11
14	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 10:13
13	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 10:15
12	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/21/95 10:18
11	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 10:20
10	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 10:22
15	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 10:24
9	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/21/95 10:26
8	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 10:29
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 10:31

UNIT: 1-49-5
SN: 01344
DATE: 3-29-95
BY: CV/VT



Blairsville Point Survey Form #003

Survey Serial #:	01-345

Survey Section:	1
Survey Unit:	17
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	3/30/95
Count Date:	8/21/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	6	-4	N/A	N/A	N/A	N/A	2	7	272	12	405	250	-0.99	2	2.18	3	PAINTED STEEL
CEILING	6	-8	N/A	N/A	N/A	N/A	0	7	271	12	357	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	6	-10	N/A	N/A	N/A	N/A	0	7	293	12	343	260	0.48	2	0.85	3	PAINTED STEEL
CEILING	6	-14	N/A	N/A	N/A	N/A	2	7	266	12	364	250	4.90	2	-1.80	3	PAINTED STEEL
CEILING	3	-22	N/A	N/A	N/A	N/A	2	7	254	12	332	240	-0.99	2	8.83	3	PAINTED STEEL
CEILING	2	-28	N/A	N/A	N/A	N/A	0	7	291	12	378	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	-1	-28	N/A	N/A	N/A	N/A	0	7	245	12	387	250	1.96	2	-1.80	3	PAINTED STEEL
CEILING	7	-22	N/A	N/A	N/A	N/A	1	7	256	12	483	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	8	-10	N/A	N/A	N/A	N/A	3	7	272	12	320	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	8	-4	N/A	N/A	N/A	N/A	0	7	271	12	408	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	10	-8	N/A	N/A	N/A	N/A	1	7	278	12	328	240	1.96	2	3.51	3	PAINTED STEEL
CEILING	10	-10	N/A	N/A	N/A	N/A	2	7	249	12	351	260	0.48	2	-3.13	3	PAINTED STEEL
CEILING	10	-14	N/A	N/A	N/A	N/A	0	7	260	12	384	250	1.96	2	6.17	3	PAINTED STEEL
CEILING	12	-14	N/A	N/A	N/A	N/A	1	7	280	12	329	240	-0.99	2	-3.13	3	PAINTED STEEL
SOUTH WALL	10	4	N/A	N/A	N/A	N/A	1	7	277	12	326	250	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	10	6	N/A	N/A	N/A	N/A	0	7	294	12	371	250	0.48	2	4.84	3	PAINTED BLOCK
SOUTH WALL	13	3	N/A	N/A	N/A	N/A	3	7	287	12	385	260	-0.99	2	0.85	3	PAINTED BLOCK
SOUTH WALL	13	5	N/A	N/A	N/A	N/A	1	7	259	12	409	240	-0.99	2	3.51	3	PAINTED BLOCK
NORTH WALL	2	3	N/A	N/A	N/A	N/A	3	7	287	12	361	260	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	2	4.5	N/A	N/A	N/A	N/A	2	7	247	12	368	240	-0.99	2	-4.46	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-345.XLD
Batch Ended: 8/21/95 9:53
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

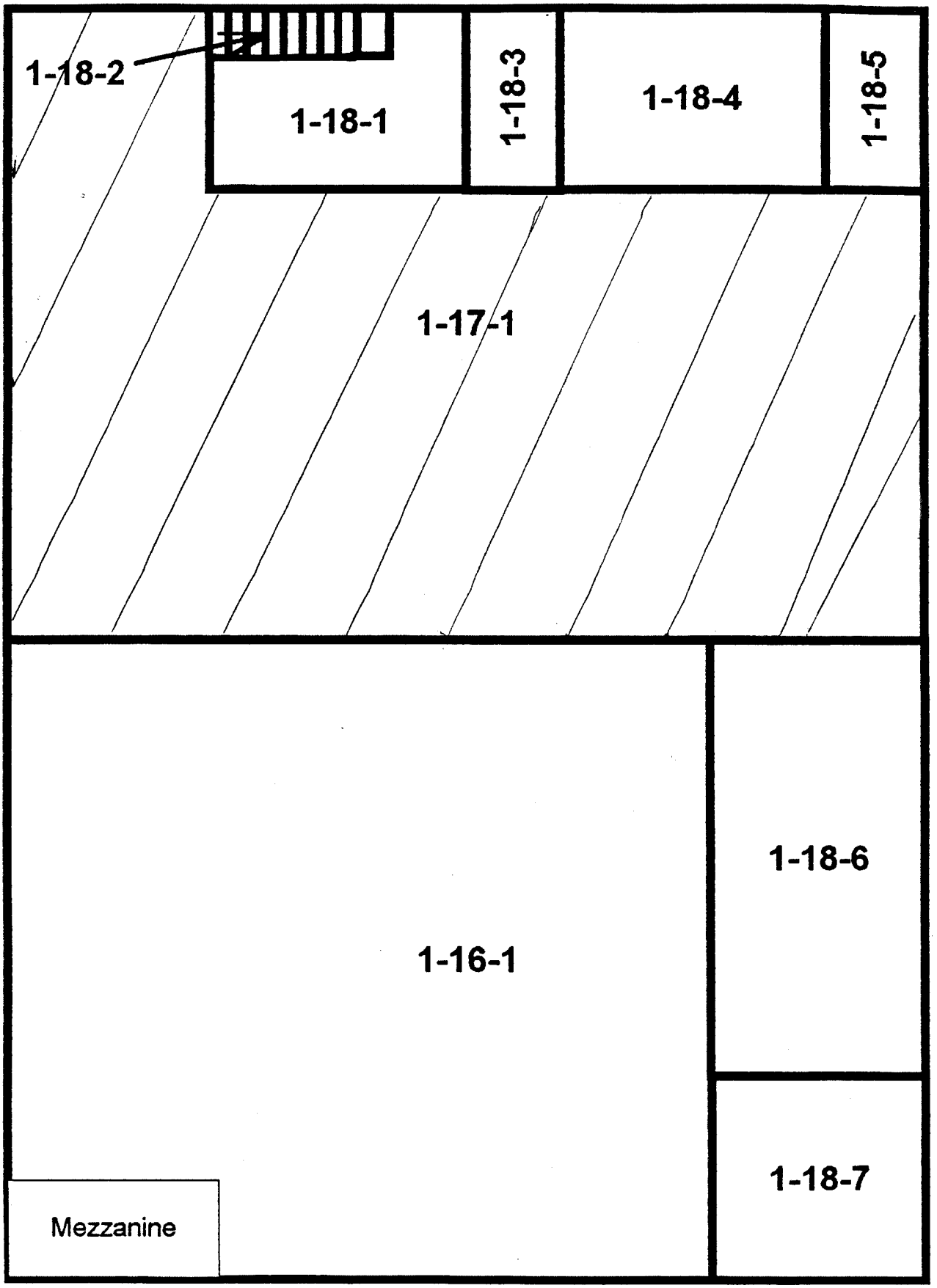
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-17-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
66	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/21/95 9:12
67	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 9:14
68	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/21/95 9:16
69	4.901	2.95	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.664	-0.68	8/21/95 9:18
70	-0.989	1.48	<MDA	7.98	8.83	4.22	<AL	11.67	2.00	-0.336	3.32	8/21/95 9:20
71	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/21/95 9:23
72	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/21/95 9:25
73	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 9:27
74	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 9:29
75	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 9:31
76	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/21/95 9:33
77	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/21/95 9:36
78	1.956	2.09	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.664	2.32	8/21/95 9:38
79	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/21/95 9:40
80	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 9:42
81	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/21/95 9:45
82	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/21/95 9:47
83	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/21/95 9:49
84	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/21/95 9:51
85	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/21/95 9:53

UNIT: 1-17-1
SN: 01345
DATE: 3-30-95
BY: CMT

Units 1-16, 1-17, 1-18



Blairsville Point Survey Form #003

Survey Serial #:	01-346
Survey Section:	1
Survey Unit:	17
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/3/95
Count Date:	8/22/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	258

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
NORTH WALL	4	3	N/A	N/A	N/A	N/A	4	7	304	12	356	260	0.48	2	3.51	3	PAINTED BLOCK
NORTH WALL	8	3	N/A	N/A	N/A	N/A	6	7	352	12	462	270	0.48	2	0.85	3	PAINTED BLOCK
NORTH WALL	12	3	N/A	N/A	N/A	N/A	5	7	337	12	344	280	1.96	2	-1.80	3	PAINTED BLOCK
NORTH WALL 2	2	4	N/A	N/A	N/A	N/A	5	7	270	12	317	250	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL 2	4	3	N/A	N/A	N/A	N/A	3	7	459	12	459	340	0.48	2	0.85	3	PAINTED BLOCK
WEST WALL	4	3	N/A	N/A	N/A	N/A	6	7	273	12	356	270	0.48	2	2.18	3	PAINTED BLOCK
WEST WALL	10	4	N/A	N/A	N/A	N/A	2	7	312	12	396	280	0.48	2	-1.80	3	PAINTED BLOCK
WEST WALL	14	3	N/A	N/A	N/A	N/A	4	7	303	12	406	270	0.48	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	1	4	N/A	N/A	N/A	N/A	4	7	292	12	348	290	-0.99	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	5	3	N/A	N/A	N/A	N/A	0	7	275	12	377	270	-0.99	2	-1.80	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-346.XLD
Batch Ended: 8/22/95 6:58
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

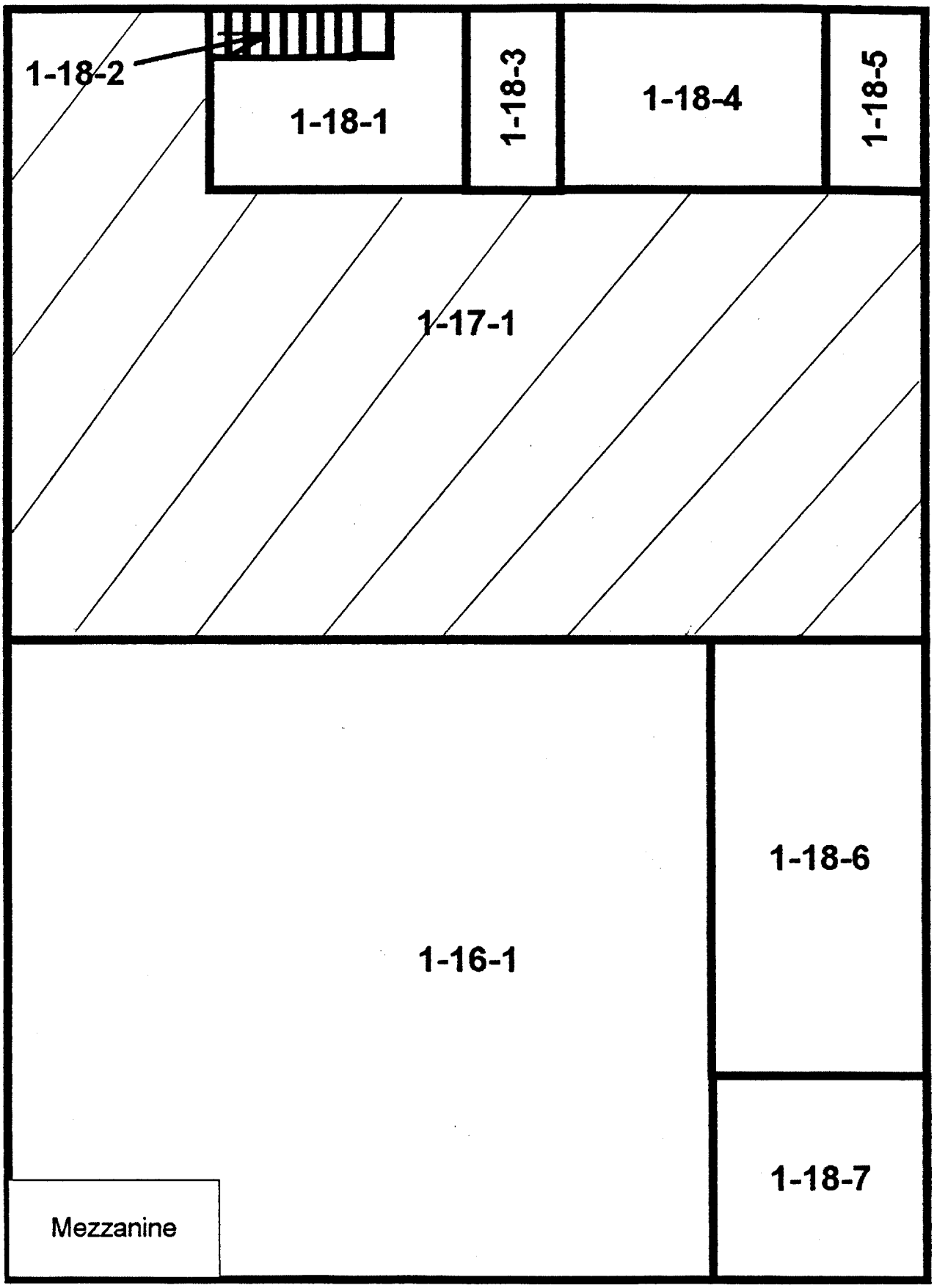
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-17-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/22/95 6:39
2	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/22/95 6:41
3	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/22/95 6:43
4	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/22/95 6:45
5	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/22/95 6:47
6	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/22/95 6:50
7	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 6:52
8	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/22/95 6:54
9	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/22/95 6:56
10	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/22/95 6:58

UNIT: 1-17-1
SN: 01346
DATE: 4-3-95
BY: CVIVT

Units 1-16, 1-17, 1-18



Blairsville Point Survey Form #003

Survey Serial #:	01-347

Survey Section:	1
Survey Unit:	16
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/3/95
Count Date:	8/22/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	282

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	2	-8	N/A	N/A	N/A	N/A	0	7	238	12	314	240	0.48	2	6.17	3	PAINTED STEEL
CEILING	2	-10	N/A	N/A	N/A	N/A	3	7	270	12	324	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	4	-8	N/A	N/A	N/A	N/A	5	7	248	12	400	230	-0.99	2	3.51	3	PAINTED STEEL
CEILING	4	-10	N/A	N/A	N/A	N/A	1	7	244	12	351	240	0.48	2	0.85	3	PAINTED STEEL
CEILING	6	-8	N/A	N/A	N/A	N/A	7	7	260	12	324	240	-0.99	2	4.84	3	PAINTED STEEL
CEILING	6	-10	N/A	N/A	N/A	N/A	4	7	219	12	293	220	-0.99	2	0.85	3	PAINTED STEEL
CEILING	8	-8	N/A	N/A	N/A	N/A	3	7	254	12	382	240	0.48	2	-3.13	3	PAINTED STEEL
CEILING	8	-10	N/A	N/A	N/A	N/A	2	7	235	12	327	230	-0.99	2	0.85	3	PAINTED STEEL
CEILING	4	-6	N/A	N/A	N/A	N/A	6	7	229	12	363	220	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-4	N/A	N/A	N/A	N/A	2	7	271	12	287	210	-0.99	2	4.84	3	PAINTED STEEL
CEILING	8	-4	N/A	N/A	N/A	N/A	2	7	250	12	351	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	10	-2	N/A	N/A	N/A	N/A	5	7	273	12	341	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	8	-2	N/A	N/A	N/A	N/A	4	7	278	12	396	270	0.48	2	-1.80	3	PAINTED STEEL
CEILING	2	-5	N/A	N/A	N/A	N/A	1	7	268	12	378	230	0.48	2	-4.46	3	PAINTED STEEL
CEILING	2	-3	N/A	N/A	N/A	N/A	2	7	275	12	323	240	0.48	2	-0.47	3	PAINTED STEEL
CEILING	10	-6	N/A	N/A	N/A	N/A	2	7	284	12	489	310	0.48	2	-3.13	3	PAINTED STEEL
CEILING	12	-6	N/A	N/A	N/A	N/A	2	7	302	12	558	320	3.43	2	-0.47	3	PAINTED STEEL
CEILING	14	-6	N/A	N/A	N/A	N/A	2	7	365	12	541	360	0.48	2	-1.80	3	PAINTED STEEL
CEILING	16	-6	N/A	N/A	N/A	N/A	2	7	338	12	569	360	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	16	-4	N/A	N/A	N/A	N/A	1	7	252	12	357	250	0.48	2	-1.80	3	PAINTED STEEL
CEILING	16	-2	N/A	N/A	N/A	N/A	7	7	289	12	375	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	12	-16	N/A	N/A	N/A	N/A	4	7	283	12	398	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	12	-18	N/A	N/A	N/A	N/A	5	7	269	12	453	260	-0.99	2	-0.47	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-347
Survey Section:	1
Survey Unit:	16
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/3/95
Count Date:	8/22/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	282

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	12	-20	N/A	N/A	N/A	N/A	1	7	282	12	403	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	12	-22	N/A	N/A	N/A	N/A	2	7	265	12	340	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	12	-24	N/A	N/A	N/A	N/A	4	7	267	12	360	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	10	-24	N/A	N/A	N/A	N/A	0	7	268	12	345	250	-0.99	2	2.18	3	PAINTED STEEL
NORTH WALL	3	3	N/A	N/A	N/A	N/A	4	7	339	12	522	310	1.96	2	0.85	3	PAINTED BLOCK
NORTH WALL	7	3	N/A	N/A	N/A	N/A	2	7	366	12	554	340	-0.99	2	3.51	3	PAINTED BLOCK
EAST WALL	2	3	N/A	N/A	N/A	N/A	3	7	484	12	649	460	0.48	2	-0.47	3	PAINTED BLOCK
EAST WALL	12	3	N/A	N/A	N/A	N/A	3	7	503	12	690	470	-0.99	2	4.84	3	PAINTED BLOCK
SOUTH WALL	10	3	N/A	N/A	N/A	N/A	3	7	485	12	612	470	-0.99	2	-0.47	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-347.XLD
Batch Ended: 8/22/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-16-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
11	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/22/95 7:01
12	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 7:03
13	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/22/95 7:05
14	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/22/95 7:07
15	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/22/95 7:09
16	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 7:12
17	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/22/95 7:14
18	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 7:16
19	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 7:18
20	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/22/95 7:21
21	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 7:23
22	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/22/95 7:25
23	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 7:27
24	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/22/95 7:29
25	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/22/95 7:32
26	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/22/95 7:34
27	3.429	2.56	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	1.164	-0.18	8/22/95 7:36
28	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 7:38
29	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/22/95 7:40
30	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 7:43
31	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 7:45
32	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/22/95 7:47
33	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 7:49
34	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/22/95 7:51

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-347.XLD
Batch Ended: 8/22/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

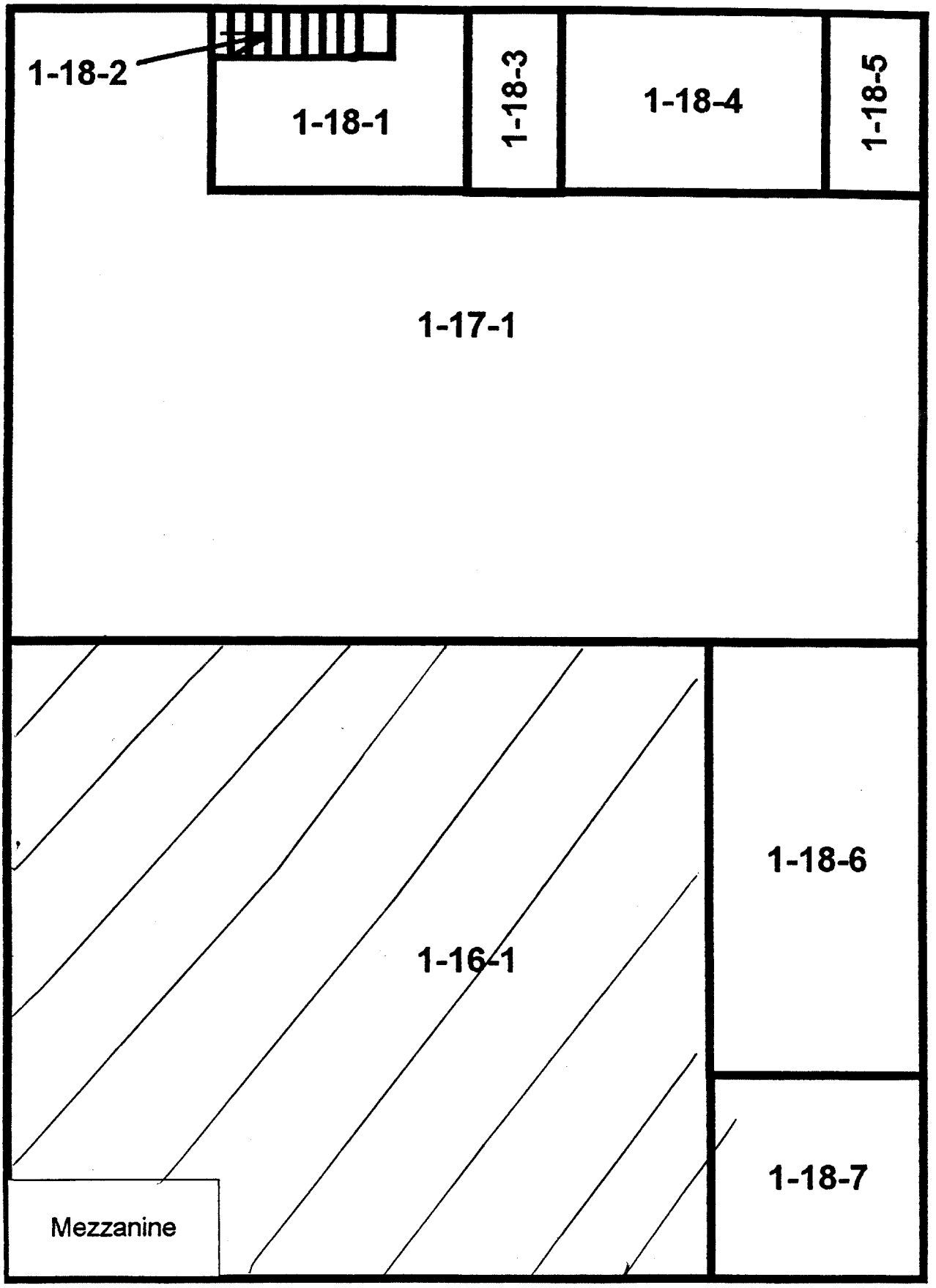
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-16-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
35	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 7:54
36	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 7:56
37	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/22/95 7:58
38	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/22/95 8:00
39	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/22/95 8:02
40	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/22/95 8:05
41	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/22/95 8:07
42	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 8:09

UNIT: 1-16-1
SN: 01347
DATE: 4.3.25
BY: CM/VT

Units 1-16, 1-17, 1-18



Blairsville Point Survey Form #003

Survey Serial #:	01-348
Survey Section:	1
Survey Unit:	40A
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/4/95
Count Date:	8/22/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	227
1601	13	34.6	2.89	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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	4	0	N/A	N/A	N/A	N/A	2	7	235	12	332	220	0.48	2	0.85	3	PAINTED STEEL
CEILING	5	0	N/A	N/A	N/A	N/A	2	7	238	12	373	250	3.43	2	-1.80	3	PAINTED STEEL
CEILING	6	0	N/A	N/A	N/A	N/A	1	7	230	12	340	220	0.48	2	0.85	3	PAINTED STEEL
EAST WALL	0	4	N/A	N/A	N/A	N/A	4	7	312	12	463	300	0.48	2	-0.47	3	PAINTED BLOCK
CEILING	1	0	N/A	N/A	N/A	N/A	1	7	250	13	360	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	1	-2	N/A	N/A	N/A	N/A	1	7	242	13	519	230	0.48	2	3.51	3	PAINTED STEEL
CEILING	1	-5	N/A	N/A	N/A	N/A	0	7	242	13	360	240	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2	-5	N/A	N/A	N/A	N/A	1	7	234	13	360	230	0.48	2	0.85	3	PAINTED STEEL
CEILING	2	-7	N/A	N/A	N/A	N/A	0	7	218	13	368	220	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	4	-5	N/A	N/A	N/A	N/A	2	7	220	13	328	260	0.48	2	2.18	3	PAINTED STEEL
CEILING	4	-7	N/A	N/A	N/A	N/A	4	7	228	13	327	240	0.48	2	2.18	3	PAINTED STEEL
CEILING	1	-13	N/A	N/A	N/A	N/A	2	7	208	13	288	220	0.48	2	-3.13	3	PAINTED STEEL
CEILING	1	-17	N/A	N/A	N/A	N/A	4	7	255	13	348	260	0.48	2	4.84	3	PAINTED STEEL
CEILING	5	-22	N/A	N/A	N/A	N/A	6	7	245	13	353	270	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	-1.5	-24	N/A	N/A	N/A	N/A	10	7	224	13	306	260	-0.99	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-348.XLD
Batch Ended: 8/22/95 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: 1440

Application Revision: 3
Application Version: Standard

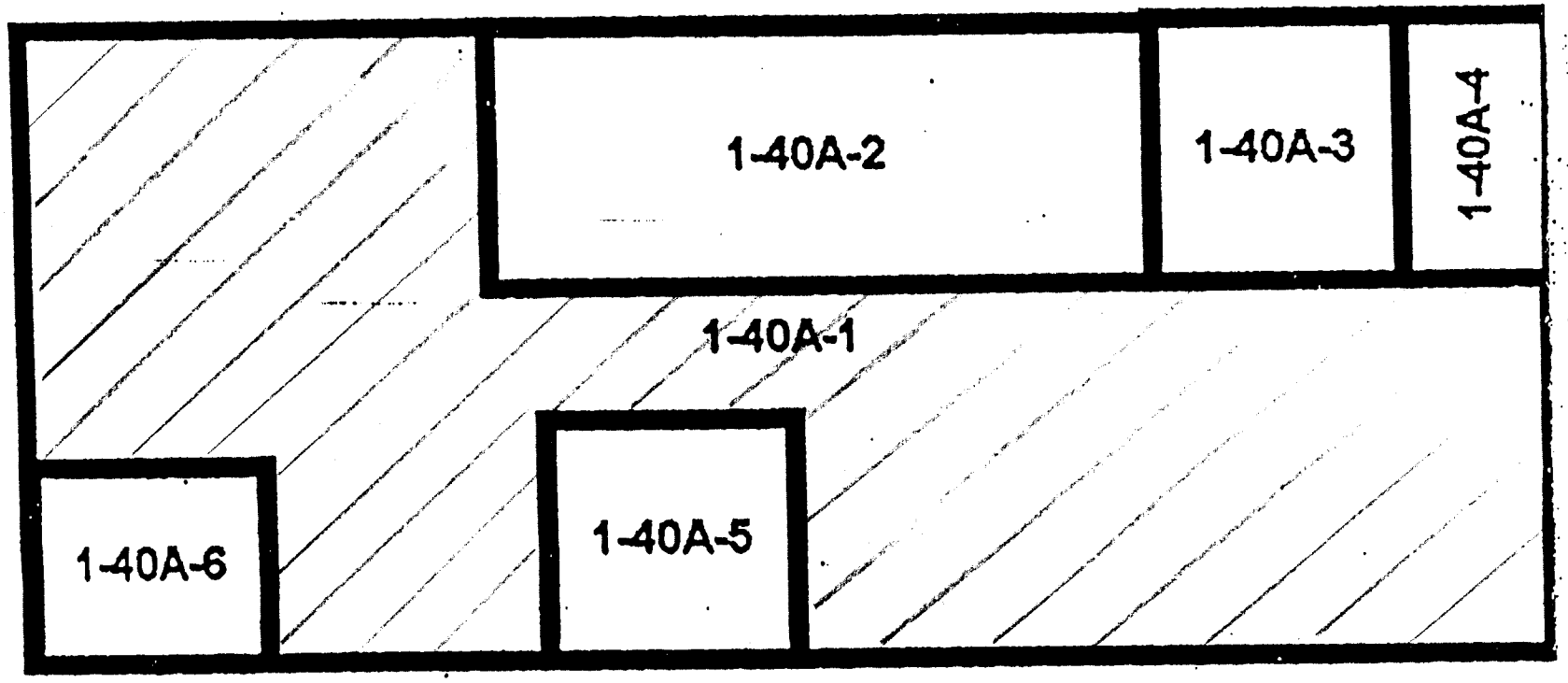
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
44	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/22/95 8:11
45	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/22/95 8:13
46	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/22/95 8:16
47	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/22/95 8:18
48	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 8:20
49	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/22/95 8:22
50	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 8:24
51	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/22/95 8:27
52	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 8:29
53	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/22/95 8:31
54	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/22/95 8:33
55	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/22/95 8:35
56	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/22/95 8:38
57	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 8:40
58	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 8:42

UNIT: 1-40A-1
SN: 1-348
DATE: 4-4-95
BY: CV/VT



Blairsville Point Survey Form #003

Survey Serial #:	01-349
Survey Section:	1
Survey Unit:	40B
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/4/95
Count Date:	8/22/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	227

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	3	-3	N/A	N/A	N/A	N/A	3	7	266	12	357	240	0.48	2	3.51	3	PAINTED STEEL
CEILING	2	-6	N/A	N/A	N/A	N/A	2	7	232	12	334	220	-0.99	2	3.51	3	PAINTED STEEL
CEILING	2	-8	N/A	N/A	N/A	N/A	1	7	276	12	400	240	0.48	2	3.51	3	PAINTED STEEL
CEILING	2	-12	N/A	N/A	N/A	N/A	1	7	275	12	359	270	-0.99	2	0.85	3	PAINTED STEEL
CEILING	2	-14	N/A	N/A	N/A	N/A	3	7	274	12	338	250	1.96	2	-3.13	3	PAINTED STEEL
CEILING	6	-15	N/A	N/A	N/A	N/A	1	7	280	12	347	250	-0.99	2	3.51	3	PAINTED STEEL
CEILING	7	-15	N/A	N/A	N/A	N/A	0	7	283	12	331	240	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	2	-16	N/A	N/A	N/A	N/A	2	7	261	12	349	230	6.37	2	-0.47	3	PAINTED STEEL
CEILING	2	-18	N/A	N/A	N/A	N/A	0	7	280	12	330	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	2	-20	N/A	N/A	N/A	N/A	3	7	292	12	348	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-18	N/A	N/A	N/A	N/A	3	7	287	12	363	260	0.48	2	3.51	3	PAINTED STEEL
CEILING	6	-20	N/A	N/A	N/A	N/A	1	7	263	12	365	240	0.48	2	-1.80	3	PAINTED STEEL
CEILING	2	-20	N/A	N/A	N/A	N/A	2	7	260	12	384	270	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	4	-20	N/A	N/A	N/A	N/A	0	7	264	12	402	260	0.48	2	-1.80	3	PAINTED STEEL
CEILING	2	-22	N/A	N/A	N/A	N/A	3	7	234	12	359	240	0.48	2	-3.13	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/22/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-349.XLD
Batch Ended: 8/22/95 11:10
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: 1440

Application Revision: 3
Application Version: Standard

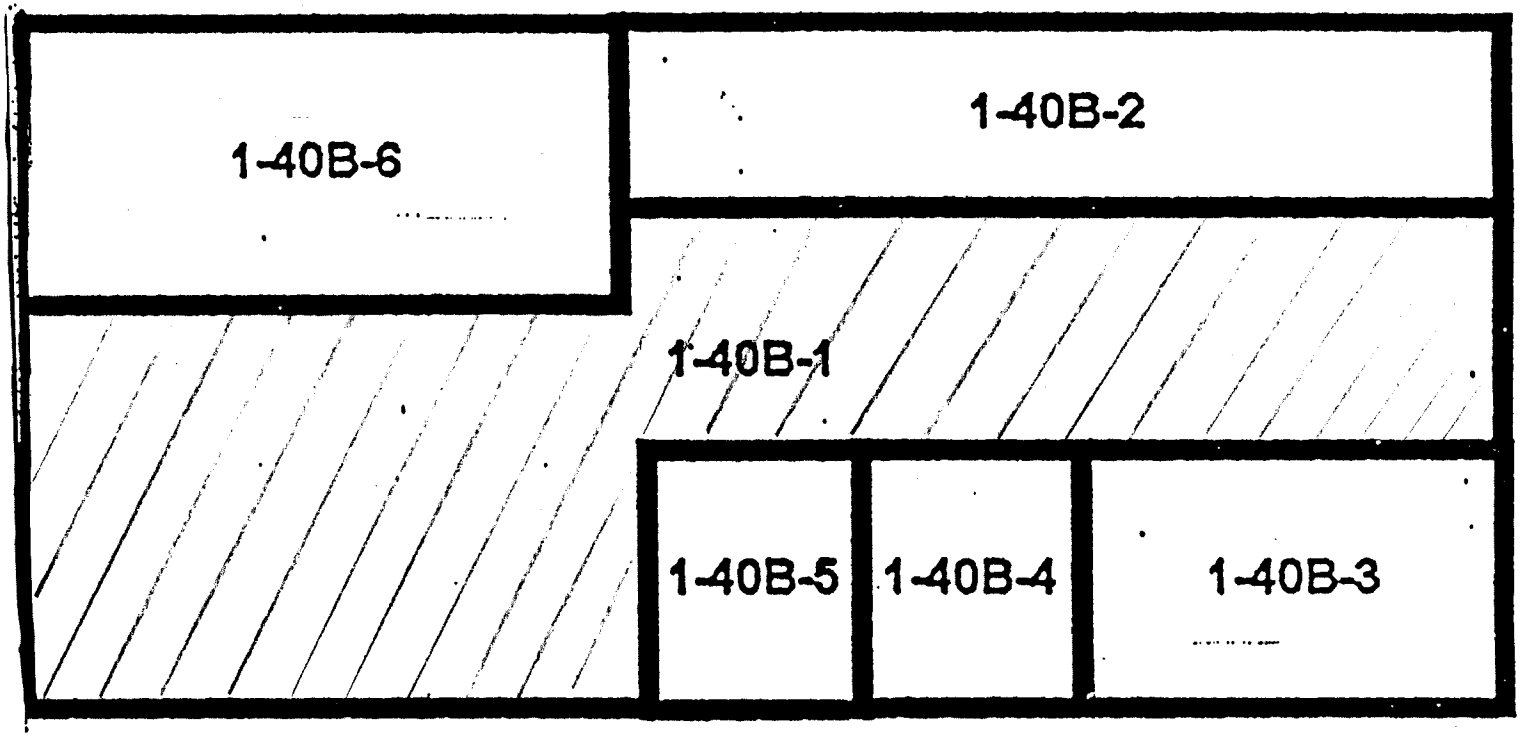
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
15	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/22/95 10:39
16	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/22/95 10:41
17	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/22/95 10:44
18	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 10:46
19	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/22/95 10:48
20	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/22/95 10:50
21	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/22/95 10:52
22	6.374	3.30	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	2.164	-0.18	8/22/95 10:55
23	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/22/95 10:57
24	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/22/95 10:59
25	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/22/95 11:01
26	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 11:03
27	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/22/95 11:06
28	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/22/95 11:08
29	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/22/95 11:10

UNIT: 40B-1
SN: 01-349
DATE: 4-4-95
BY: CV/VT



Blairsville Point Survey Form #003

Survey Serial #:	01-350

Survey Section:	1
Survey Unit:	6
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/6/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	221

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	C.VERGARI/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
CEILING	34	-18	N/A	N/A	N/A	N/A	2	7	265	13	384	250	-0.99	2	2.18	3	PAINTED STEEL
CEILING	35	-2	N/A	N/A	N/A	N/A	1	7	280	13	440	280	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	29	-2	N/A	N/A	N/A	N/A	2	7	263	13	320	250	0.48	2	-3.13	3	PAINTED STEEL
CEILING	29	-4	N/A	N/A	N/A	N/A	3	7	251	13	384	270	1.96	2	-0.47	3	PAINTED STEEL
CEILING	28	-7	N/A	N/A	N/A	N/A	3	7	233	13	334	250	0.48	2	0.85	3	PAINTED STEEL
CEILING	28	-9	N/A	N/A	N/A	N/A	4	7	214	13	298	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	24	-2	N/A	N/A	N/A	N/A	6	7	251	13	370	240	1.96	2	-1.80	3	PAINTED STEEL
CEILING	24	-4	N/A	N/A	N/A	N/A	1	7	247	13	360	270	0.48	2	3.51	3	PAINTED STEEL
CEILING	24	-7	N/A	N/A	N/A	N/A	2	7	236	13	352	280	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	24	-9	N/A	N/A	N/A	N/A	1	7	240	13	349	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	3	-1	N/A	N/A	N/A	N/A	0	7	271	13	389	280	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	3	-3	N/A	N/A	N/A	N/A	1	7	246	13	391	230	-0.99	2	2.18	3	PAINTED STEEL
CEILING	6	-1	N/A	N/A	N/A	N/A	0	7	248	13	376	240	-0.99	2	2.18	3	PAINTED STEEL
CEILING	8	-1	N/A	N/A	N/A	N/A	1	7	277	13	294	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	10	-8	N/A	N/A	N/A	N/A	2	7	234	13	295	250	-0.99	2	6.17	3	PAINTED STEEL
CEILING	12	-8	N/A	N/A	N/A	N/A	1	7	261	13	330	260	1.96	2	3.51	3	PAINTED STEEL
CEILING	8	-7	N/A	N/A	N/A	N/A	2	7	241	13	273	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	8	-9	N/A	N/A	N/A	N/A	0	7	225	13	315	260	0.48	2	-0.47	3	PAINTED STEEL
CEILING	2.5	-3	N/A	N/A	N/A	N/A	1	7	280	13	350	230	-0.99	2	4.84	3	PAINTED STEEL
CEILING	4.5	-3	N/A	N/A	N/A	N/A	1	7	259	13	307	260	-0.99	2	-0.47	3	PAINTED STEEL
SOUTH WALL	16	4	N/A	N/A	N/A	N/A	1	7	283	13	300	423	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	18	4	N/A	N/A	N/A	N/A	5	7	325	13	386	260	0.48	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	23	4	N/A	N/A	N/A	N/A	1	7	310	13	1020	500	-0.99	2	-1.80	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-350
Survey Section:	1
Survey Unit:	6
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/6/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	221

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	C.VERGARI/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
SOUTH WALL	26	4	N/A	N/A	N/A	N/A	1	7	257	13	415	330	0.48	2	3.51	3	PAINTED BLOCK
SOUTH WALL	13	4	N/A	N/A	N/A	N/A	2	7	261	13	367	240	-0.99	2	0.85	3	PAINTED BLOCK
SOUTH WALL	6	4	N/A	N/A	N/A	N/A	0	7	239	13	480	260	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	8	4	N/A	N/A	N/A	N/A	0	7	235	13	601	290	-0.99	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	2	5	N/A	N/A	N/A	N/A	0	7	250	13	297	260	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	1	5	N/A	N/A	N/A	N/A	2	7	360	13	479	380	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	3	5	N/A	N/A	N/A	N/A	1	7	320	13	478	380	0.48	2	-1.80	3	PAINTED BLOCK
LOWER VENT	35	-11	N/A	N/A	N/A	N/A	4	7	314	13	392	300	0.48	2	-1.80	3	PAINTED METAL DUCT
UPPER VENT	35	-11	N/A	N/A	N/A	N/A	1	7	270	13	379	280	-0.99	2	-0.47	3	PAINTED METAL DUCT

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-350.XLD
Batch Ended: 8/23/95 10:15
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-6-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 9:07
2	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 9:09
3	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/23/95 9:11
4	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/23/95 9:14
5	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 9:16
6	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 9:18
7	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/23/95 9:20
8	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/23/95 9:22
9	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 9:25
10	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 9:27
11	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 9:29
12	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 9:31
13	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 9:33
14	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 9:36
15	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/23/95 9:38
16	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/23/95 9:40
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 9:42
18	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/23/95 9:44
19	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/23/95 9:47
20	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 9:49
21	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 9:51
22	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/23/95 9:53
23	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 9:55
24	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/23/95 9:58

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-350.XLD
Batch Ended: 8/23/95 10:15
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: 1440

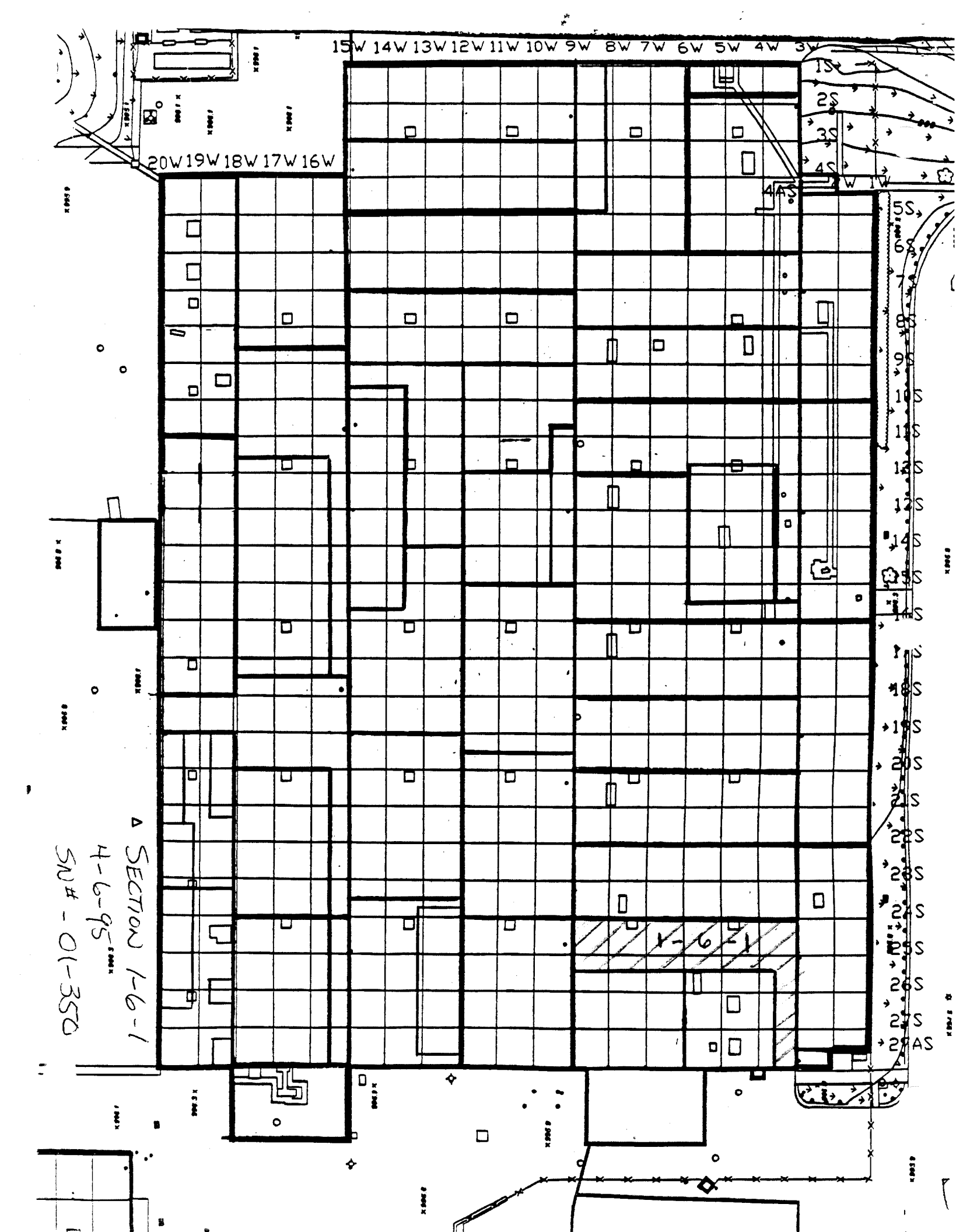
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-6-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
25	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 10:00
26	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 10:02
27	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 10:04
28	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 10:06
29	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 10:09
30	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 10:11
31	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 10:13
32	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 10:15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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
28AS
1-6-1
SECTION 1-6-1
4-6-95
SN # - 01-350

Blairsville Point Survey Form #003

Survey Serial #:	01-351

Survey Section:	1
Survey Unit:	7
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/6/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	260

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	C.VERGARI/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	5	N/A	N/A	N/A	N/A	0	7	325	13	409	300	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	3	5	N/A	N/A	N/A	N/A	0	7	343	13	399	310	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	7	5	N/A	N/A	N/A	N/A	1	7	311	13	359	260	0.48	2	2.18	3	PAINTED BLOCK
EAST WALL	9	5	N/A	N/A	N/A	N/A	1	7	301	13	470	300	-0.99	2	-1.80	3	PAINTED BLOCK
CEILING	34	-4	N/A	N/A	N/A	N/A	1	7	267	13	479	300	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	34	-6	N/A	N/A	N/A	N/A	1	7	251	13	375	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	34	-8	N/A	N/A	N/A	N/A	1	7	260	13	360	280	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	34	-10	N/A	N/A	N/A	N/A	0	7	232	13	366	280	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	24	-9	N/A	N/A	N/A	N/A	0	7	234	13	360	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	26	-9	N/A	N/A	N/A	N/A	1	7	221	13	371	260	1.96	2	4.84	3	PAINTED STEEL
DUCTWORK TOP	25	-10.5	N/A	N/A	N/A	N/A	2	7	235	13	338	220	1.96	2	-4.46	3	PAINTED METAL
CEILING	25	-7	N/A	N/A	N/A	N/A	0	7	222	13	326	200	-0.99	2	0.85	3	PAINTED STEEL
CEILING	27	-7	N/A	N/A	N/A	N/A	1	7	218	13	318	200	-0.99	2	3.51	3	PAINTED STEEL
CEILING	11	0	N/A	N/A	N/A	N/A	2	7	255	13	322	210	0.48	2	0.85	3	PAINTED STEEL
CEILING	11	-2	N/A	N/A	N/A	N/A	1	7	203	13	360	260	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	7	-1	N/A	N/A	N/A	N/A	2	7	230	13	322	250	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	7	-2	N/A	N/A	N/A	N/A	1	7	242	13	347	270	-0.99	2	6.17	3	PAINTED STEEL
CEILING	10	-10	N/A	N/A	N/A	N/A	1	7	236	13	298	200	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	10	-12	N/A	N/A	N/A	N/A	3	7	235	13	293	240	-0.99	2	-0.47	3	PAINTED STEEL
DUCTWORK TOP	11	-11	N/A	N/A	N/A	N/A	0	7	245	13	329	180	-0.99	2	-1.80	3	PAINTED DUCT
CEILING	2	-4	N/A	N/A	N/A	N/A	1	7	222	13	339	240	-0.99	2	2.18	3	PAINTED STEEL
CEILING	2	-6	N/A	N/A	N/A	N/A	3	7	232	13	325	240	-0.99	2	7.50	3	PAINTED STEEL
CEILING	4	-2	N/A	N/A	N/A	N/A	3	7	239	13	322	260	-0.99	2	-0.47	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-351

Survey Section:	1
Survey Unit:	7
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/6/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	260

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	C.VERGARI/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
CEILING	4	-4	N/A	N/A	N/A	N/A	1	7	277	13	383	280	0.48	2	0.85	3	PAINTED STEEL
CEILING	15	-4	N/A	N/A	N/A	N/A	0	7	243	13	480	280	0.48	2	0.85	3	PAINTED STEEL
CEILING	15	-6	N/A	N/A	N/A	N/A	0	7	252	13	382	230	0.48	2	0.85	3	PAINTED STEEL
CEILING	19	-8	N/A	N/A	N/A	N/A	4	7	249	13	360	210	-0.99	2	-0.47	3	PAINTED STEEL
DUCTWORK TOP	19	-10	N/A	N/A	N/A	N/A	1	7	228	13	357	200	-0.99	2	4.84	3	PAINTED
CEILING	19	-2	N/A	N/A	N/A	N/A	4	7	240	13	351	280	-0.99	2	2.18	3	PAINTED STEEL
CEILING	19	-4	N/A	N/A	N/A	N/A	1	7	217	13	340	260	-0.99	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-351.XLD
Batch Ended: 8/23/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-7-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
33	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 10:17
34	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 10:20
35	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/23/95 10:22
36	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 10:24
37	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 10:26
38	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 10:29
39	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 10:31
40	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/23/95 10:33
41	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 10:35
42	1.956	2.09	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.664	1.82	8/23/95 10:37
43	1.956	2.09	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.664	-1.68	8/23/95 10:39
44	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 10:42
45	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/23/95 10:44
46	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 10:46
47	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 10:48
48	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 10:51
49	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/23/95 10:53
50	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 10:55
51	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 10:57
52	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 10:59
53	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 11:01
54	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/23/95 11:04
55	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 11:06
56	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 11:08

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-351.XLD
Batch Ended: 8/23/95 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: 1440

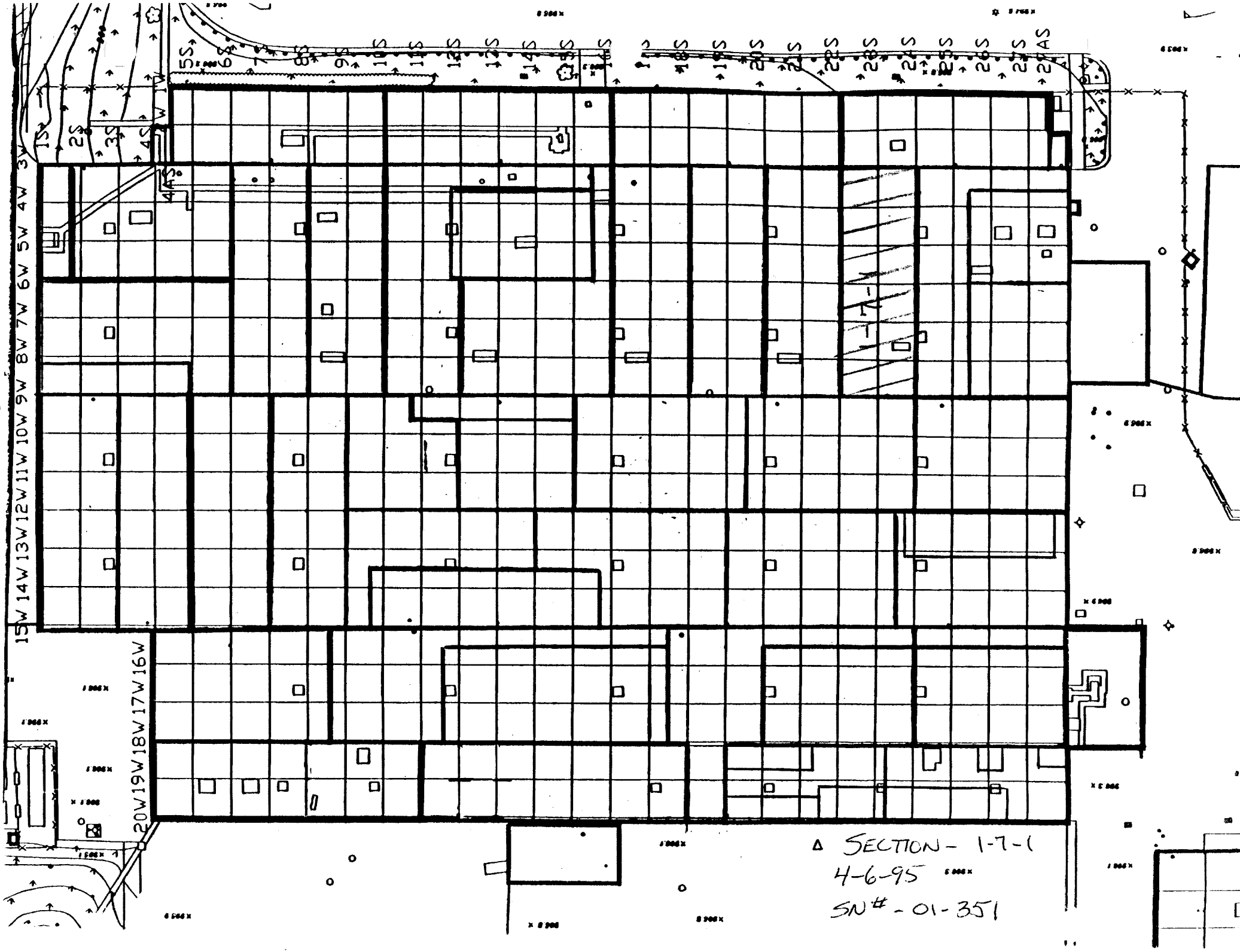
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-7-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
57	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 11:10
58	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 11:13
59	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 11:15
60	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/23/95 11:17
61	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 11:19
62	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 11:21


Δ SECTION - 1-7-1
4-6-95
SN# - 01-351

Blairsville Point Survey Form #003

Survey Serial #:	01-352
Survey Section:	1
Survey Unit:	8
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/10/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	182

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	12	-8	N/A	N/A	N/A	N/A	2	7	259	13	338	270	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	12	-10	N/A	N/A	N/A	N/A	1	7	247	13	343	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	15	-7	N/A	N/A	N/A	N/A	0	7	232	13	290	210	0.48	2	-1.80	3	PAINTED STEEL
CEILING	15	-9	N/A	N/A	N/A	N/A	6	7	228	13	373	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	14	-1	N/A	N/A	N/A	N/A	0	7	233	12	394	230	0.48	2	2.18	3	PAINTED STEEL
CEILING	14	-3	N/A	N/A	N/A	N/A	1	7	223	13	297	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	12	-1	N/A	N/A	N/A	N/A	2	7	260	13	343	230	0.48	2	2.18	3	PAINTED STEEL
CEILING	12	-3	N/A	N/A	N/A	N/A	0	7	343	13	323	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	21	-1	N/A	N/A	N/A	N/A	0	7	247	13	356	270	-0.99	2	2.18	3	PAINTED STEEL
CEILING	21	-3	N/A	N/A	N/A	N/A	2	7	252	13	383	250	0.48	2	-1.80	3	PAINTED STEEL
CEILING	24	-1	N/A	N/A	N/A	N/A	3	7	228	13	293	240	1.96	2	-1.80	3	PAINTED STEEL
CEILING	24	-3	N/A	N/A	N/A	N/A	2	7	299	13	330	220	-0.99	2	-0.47	3	PAINTED STEEL
DUCTWORK TOP	24	-4	N/A	N/A	N/A	N/A	1	7	249	13	240	210	-0.99	2	-1.80	3	DUCT
CEILING	24	-8	N/A	N/A	N/A	N/A	3	7	196	13	480	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	24	-10	N/A	N/A	N/A	N/A	3	7	224	13	318	210	-0.99	2	2.18	3	PAINTED STEEL
CEILING	20	-9	N/A	N/A	N/A	N/A	0	7	253	13	361	260	0.48	2	-1.80	3	PAINTED STEEL
CEILING	20	-11	N/A	N/A	N/A	N/A	2	7	245	13	346	230	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	22	-7	N/A	N/A	N/A	N/A	1	7	255	13	480	250	-0.99	2	2.18	3	PAINTED STEEL
CEILING	22	-9	N/A	N/A	N/A	N/A	0	7	239	13	327	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	22	-11	N/A	N/A	N/A	N/A	2	7	233	13	340	240	0.48	2	3.51	3	PAINTED STEEL
CEILING	33	-1	N/A	N/A	N/A	N/A	2	7	253	13	380	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	33	-3	N/A	N/A	N/A	N/A	3	7	250	13	374	280	-0.99	2	6.17	3	PAINTED STEEL
VENT DUCT	33	-4	N/A	N/A	N/A	N/A	0	7	265	13	297	250	-0.99	2	-1.80	3	DUCT

Blairsville Point Survey Form #003

Survey Serial #:	01-352
Survey Section:	1
Survey Unit:	8
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/10/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

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
1601	13	34.6	2.89	182

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

Surveyor:	V.TAYLOR/L.SMITH/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
VENT DUCT	33	-9	N/A	N/A	N/A	N/A	3	7	263	13	340	230	-0.99	2	-0.47	3	CEILING
VENT DUCT	33	-11	N/A	N/A	N/A	N/A	0	7	240	13	330	250	-0.99	2	-0.47	3	CEILING
EAST WALL	9.5	5	N/A	N/A	N/A	N/A	2	7	335	13	470	320	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	11.5	5	N/A	N/A	N/A	N/A	3	7	341	13	432	290	-0.99	2	2.18	3	PAINTED BLOCK
EAST WALL	7.3	3.5	N/A	N/A	N/A	N/A	0	7	309	13	329	250	0.48	2	3.51	3	PAINTED BLOCK
EAST WALL	8	6	N/A	N/A	N/A	N/A	0	7	365	13	441	340	-0.99	2	-0.47	3	PAINTED BLOCK
CEILING	36	-8	N/A	N/A	N/A	N/A	0	7	304	13	353	230	0.48	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-352.XLD
Batch Ended: 8/23/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-8-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
64	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 11:24
63	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 11:26
65	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 11:28
66	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 11:30
67	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/23/95 11:32
68	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 11:35
69	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/23/95 11:37
70	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 11:39
71	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 11:41
72	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 11:43
73	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/23/95 11:46
74	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 11:48
75	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 11:50
76	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 11:52
77	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 11:54
78	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 11:57
79	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 11:59
80	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 12:01
81	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 12:03
82	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/23/95 12:05
83	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 12:08
84	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/23/95 12:10
85	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 12:12
86	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 12:14

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-352.XLD
Batch Ended: 8/23/95 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: 1440

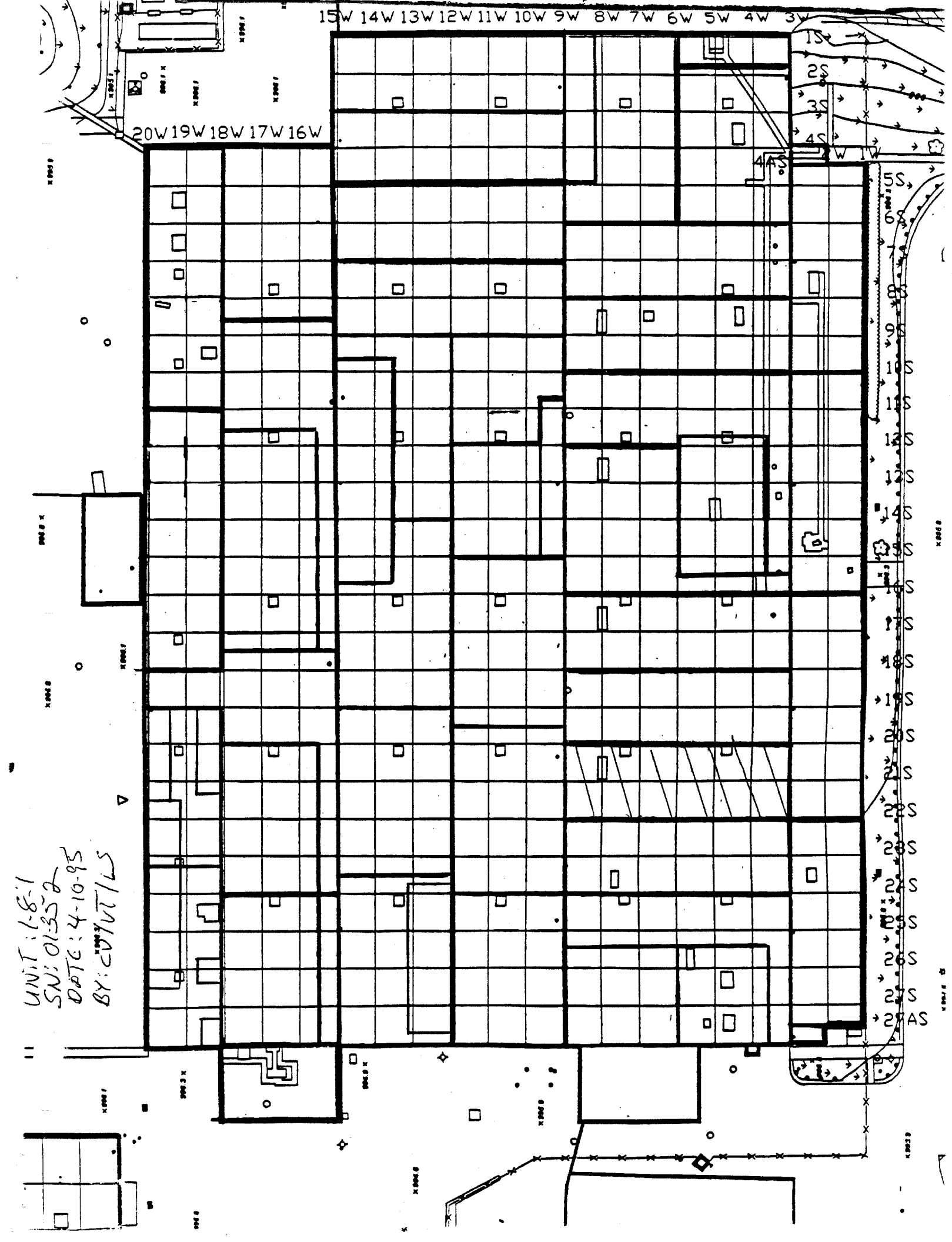
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-8-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
87	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 12:16
88	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 12:19
89	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 12:21
90	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/23/95 12:23
91	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 12:25
92	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 12:27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20W 19W 18W 17W 16W
1S
2S
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5S
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19S
20S
21S
22S
23S
24S
25S
26S
27S
28S
UNIT: L-8-1
SN: 01352
DATE: 4-10-95
BY: CUTLS

Blairsville Point Survey Form #003

Survey Serial #:	01-353
Survey Section:	1
Survey Unit:	9
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/11/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	182

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	35	-7	N/A	N/A	N/A	N/A	0	7	294	13	399	260	-0.99	2	4.84	3	PAINTED STEEL
CEILING	35	-9	N/A	N/A	N/A	N/A	1	7	282	13	410	280	1.96	2	0.85	3	PAINTED STEEL
EAST WALL	7	6	N/A	N/A	N/A	N/A	0	7	357	13	455	330	-0.99	2	-4.46	3	PAINTED BLOCK
EAST WALL	9	6	N/A	N/A	N/A	N/A	4	7	342	13	361	290	-0.99	2	-3.13	3	PAINTED BLOCK
CEILING	35	-1	N/A	N/A	N/A	N/A	0	7	257	13	300	260	0.48	2	-1.80	3	PAINTED STEEL
CEILING	35	-3	N/A	N/A	N/A	N/A	3	7	263	13	415	300	-0.99	2	-0.47	3	PAINTED STEEL
EAST WALL	1	6	N/A	N/A	N/A	N/A	1	7	383	13	477	340	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	3	6	N/A	N/A	N/A	N/A	2	7	388	13	478	320	-0.99	2	-1.80	3	PAINTED BLOCK
CEILING	31	-1	N/A	N/A	N/A	N/A	0	7	252	13	334	230	0.48	2	-1.80	3	PAINTED STEEL
CEILING	33	-1	N/A	N/A	N/A	N/A	0	7	246	13	355	260	4.90	2	2.18	3	PAINTED STEEL
CEILING	33	-8	N/A	N/A	N/A	N/A	2	7	251	13	418	250	1.96	2	-1.80	3	PAINTED STEEL
CEILING	33	-10	N/A	N/A	N/A	N/A	0	7	256	13	339	270	1.96	2	4.84	3	PAINTED STEEL
CEILING	28	-8	N/A	N/A	N/A	N/A	1	7	279	13	333	250	-0.99	2	2.18	3	PAINTED STEEL
CEILING	30	-8	N/A	N/A	N/A	N/A	0	7	264	13	336	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	21	-9	N/A	N/A	N/A	N/A	1	7	227	13	370	250	0.48	2	3.51	3	PAINTED STEEL
CEILING	21	-11	N/A	N/A	N/A	N/A	1	7	271	13	374	240	0.48	2	-3.13	3	PAINTED STEEL
CEILING	21	-8	N/A	N/A	N/A	N/A	1	7	247	13	343	260	0.48	2	-4.46	3	PAINTED STEEL
CEILING	21	-10	N/A	N/A	N/A	N/A	3	7	258	13	335	210	0.48	2	-4.46	3	PAINTED STEEL
CEILING	19	-9	N/A	N/A	N/A	N/A	0	7	252	13	355	270	0.48	2	-3.13	3	PAINTED STEEL
CEILING	19	-11	N/A	N/A	N/A	N/A	0	7	238	13	343	250	-0.99	2	3.51	3	PAINTED STEEL
CEILING	15	-1	N/A	N/A	N/A	N/A	1	7	218	13	339	230	0.48	2	-3.13	3	PAINTED STEEL
CEILING	15	-3	N/A	N/A	N/A	N/A	3	7	278	13	331	270	0.48	2	2.18	3	PAINTED STEEL
CEILING	15	-4	N/A	N/A	N/A	N/A	2	7	251	13	336	220	-0.99	2	-1.80	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-353

Survey Section:	1
Survey Unit:	9
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/11/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	182

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	15	-6	N/A	N/A	N/A	N/A	0	7	245	13	307	240	1.96	2	-0.47	3	PAINTED STEEL
CEILING	15	-8	N/A	N/A	N/A	N/A	1	7	228	13	380	240	1.96	2	-3.13	3	PAINTED STEEL
CEILING	15	-10	N/A	N/A	N/A	N/A	2	7	246	13	306	250	3.43	2	-0.47	3	PAINTED STEEL
CEILING	13	-9	N/A	N/A	N/A	N/A	1	7	251	13	318	220	1.96	2	-0.47	3	PAINTED STEEL
CEILING	13	-11	N/A	N/A	N/A	N/A	2	7	254	13	321	240	3.43	2	-1.80	3	PAINTED STEEL
CEILING	2	-11	N/A	N/A	N/A	N/A	2	7	235	13	370	230	3.43	2	2.18	3	PAINTED STEEL
CEILING	4	-11	N/A	N/A	N/A	N/A	2	7	237	13	348	270	0.48	2	-1.80	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-353.XLD
Batch Ended: 8/23/95 13:33
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-9-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
93	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/23/95 12:30
94	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/23/95 12:32
95	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/23/95 12:34
96	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 12:36
97	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 12:38
98	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 12:41
99	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 12:43
100	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 12:45
1	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 12:47
2	4.901	2.95	<AL	7.98	2.18	2.99	<MDA	11.67	2.00	1.664	0.82	8/23/95 12:49
3	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/23/95 12:52
4	1.956	2.09	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.664	1.82	8/23/95 12:54
5	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 12:56
6	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 12:58
7	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/23/95 13:00
8	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/23/95 13:03
9	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/23/95 13:05
10	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/23/95 13:07
11	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/23/95 13:09
12	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/23/95 13:11
13	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/23/95 13:14
14	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/23/95 13:16
15	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 13:18
16	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/23/95 13:20

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-353.XLD
Batch Ended: 8/23/95 13:33
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: 1440

Application Revision: 3
Application Version: Standard

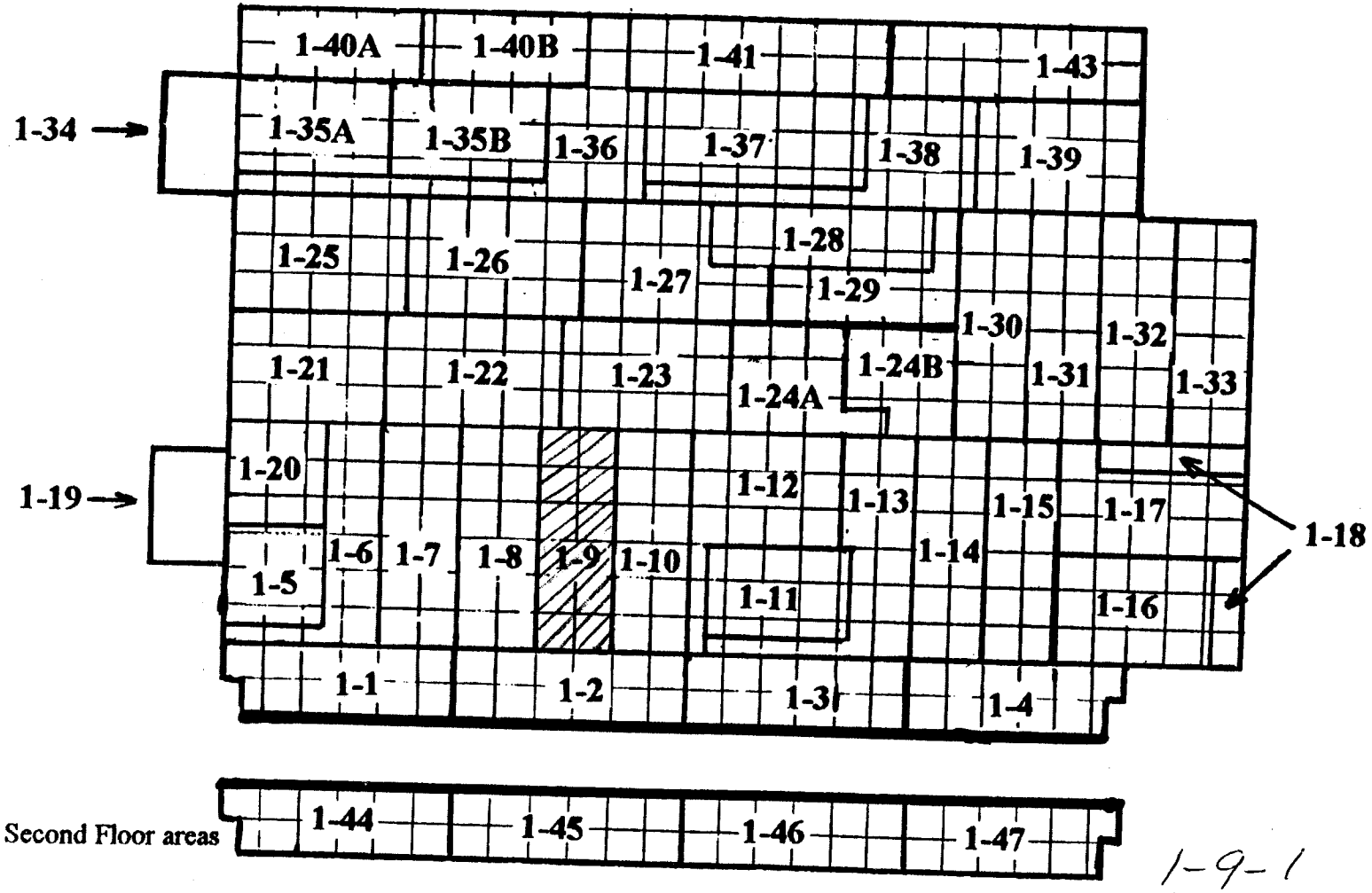
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-9-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
17	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/23/95 13:22
18	3.429	2.56	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	1.164	-0.18	8/23/95 13:25
19	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/23/95 13:27
20	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/23/95 13:29
21	3.429	2.56	<AL	7.98	2.18	2.99	<MDA	11.67	2.00	1.164	0.82	8/23/95 13:31
22	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 13:33

SURVEY UNITS FOR SECTION ONE



1-9-1
4-11-95
01-353

MAIN BUILDING
SMP
BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-354
Survey Section:	1
Survey Unit:	10
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/11/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	7

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/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
CEILING	14	-1	N/A	N/A	N/A	N/A	3	7	261	13	441	250	-0.99	2	2.18	3	PAINTED STEEL
CEILING	14	-3	N/A	N/A	N/A	N/A	4	7	230	13	321	200	0.48	2	-0.47	3	PAINTED STEEL
TOP DUCTWORK	14	-4	N/A	N/A	N/A	N/A	3	7	270	13	326	240	0.48	2	-0.47	3	PAINTED DUCTWORK
TOP DUCTWORK	12	-2	N/A	N/A	N/A	N/A	1	7	236	13	361	270	-0.99	2	3.51	3	CEILING
TOP OF DUCT	12	-4	N/A	N/A	N/A	N/A	3	7	216	13	410	280	0.48	2	-1.80	3	DUCT
TOP OF DUCT	13	-8	N/A	N/A	N/A	N/A	3	7	217	13	336	270	-0.99	2	-3.13	3	DUCT
DUCT	13	-10	N/A	N/A	N/A	N/A	0	7	226	13	299	240	-0.99	2	-0.47	3	PAINTED STEEL
DUCT	10	-11	N/A	N/A	N/A	N/A	3	7	241	13	320	260	0.48	2	-3.13	3	PAINTED STEEL
DUCT	12	-11	N/A	N/A	N/A	N/A	2	7	238	13	387	220	-0.99	2	3.51	3	PAINTED STEEL
DUCT	2	-12	N/A	N/A	N/A	N/A	2	7	236	13	300	240	-0.99	2	-1.80	3	PAINTED STEEL
DUCT	4	-12	N/A	N/A	N/A	N/A	2	7	266	13	324	240	-0.99	2	0.85	3	PAINTED STEEL
DUCT	2	-7	N/A	N/A	N/A	N/A	0	7	226	13	309	240	0.48	2	2.18	3	PAINTED STEEL
DUCT	2	-9	N/A	N/A	N/A	N/A	2	7	230	13	332	220	-0.99	2	-3.13	3	PAINTED STEEL
DUCT	4	-8	N/A	N/A	N/A	N/A	3	7	230	13	367	280	-0.99	2	-3.13	3	PAINTED STEEL
DUCT	4	-10	N/A	N/A	N/A	N/A	0	7	227	13	328	230	0.48	2	-1.80	3	PAINTED STEEL
TOP OF DUCT	3	5	N/A	N/A	N/A	N/A	0	7	221	13	271	230	-0.99	2	2.18	3	WEST WALL
TOP OF DUCT	10	5	N/A	N/A	N/A	N/A	1	7	256	13	341	240	-0.99	2	2.18	3	WEST WALL
CEILING	1	1	N/A	N/A	N/A	N/A	1	7	258	13	290	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	15	-10	N/A	N/A	N/A	N/A	2	7	226	13	366	270	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	15	-12	N/A	N/A	N/A	N/A	0	7	247	13	415	220	-0.99	2	-1.80	3	PAINTED STEEL
EAST WALL	10	6	N/A	N/A	N/A	N/A	3	7	327	13	430	330	-0.99	2	-1.80	3	PAINTED BLOCK
TOP OF DUCT	35	-8	N/A	N/A	N/A	N/A	2	7	300	13	349	230	0.48	2	-4.46	3	NEAR CEILING
EAST WALL	10	7	N/A	N/A	N/A	N/A	1	7	341	13	551	320	0.48	2	4.84	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-354
Survey Section:	1
Survey Unit:	10
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/11/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	7

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/C.VERGARI
Signature:	Larry Smith / 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
EAST WALL	0.5	5	N/A	N/A	N/A	N/A	1	7	341	13	428	330	-0.99	2	3.51	3	PAINTED BLOCK
EAST WALL	2	5	N/A	N/A	N/A	N/A	1	7	340	13	466	300	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	1	7	N/A	N/A	N/A	N/A	4	7	378	13	431	300	1.96	2	-0.47	3	PAINTED BLOCK
EAST WALL	4	4	N/A	N/A	N/A	N/A	1	7	263	13	360	200	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	5	7	N/A	N/A	N/A	N/A	1	7	360	13	458	340	-0.99	2	-1.80	3	PAINTED BLOCK
TOP OF DUCT	32	-8	N/A	N/A	N/A	N/A	0	7	253	13	318	230	-0.99	2	0.85	3	NEAR CEILING
TOP OF DUCT	34	-8	N/A	N/A	N/A	N/A	3	7	282	13	414	240	-0.99	2	-0.47	3	NEAR CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-354.XLD
Batch Ended: 8/23/95 15:07
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: 1440

Application Revision: 3
Application Version: Standard

Batch ID: BLAIRSVILLE 1-10-1

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
23	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 14:04
24	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/23/95 14:06
25	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/23/95 14:08
26	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/23/95 14:10
27	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 14:12
28	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 14:15
29	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 14:17
30	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/23/95 14:19
31	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/23/95 14:21
32	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 14:24
33	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 14:26
34	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/23/95 14:28
35	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 14:30
36	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 14:32
37	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/23/95 14:34
38	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 14:37
39	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/23/95 14:39
40	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 14:41
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 14:43
8	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 14:46
9	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 14:48
10	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/23/95 14:50
11	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/23/95 14:52
12	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/23/95 14:54

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-354.XLD
Batch Ended: 8/23/95 15:07
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: 1440

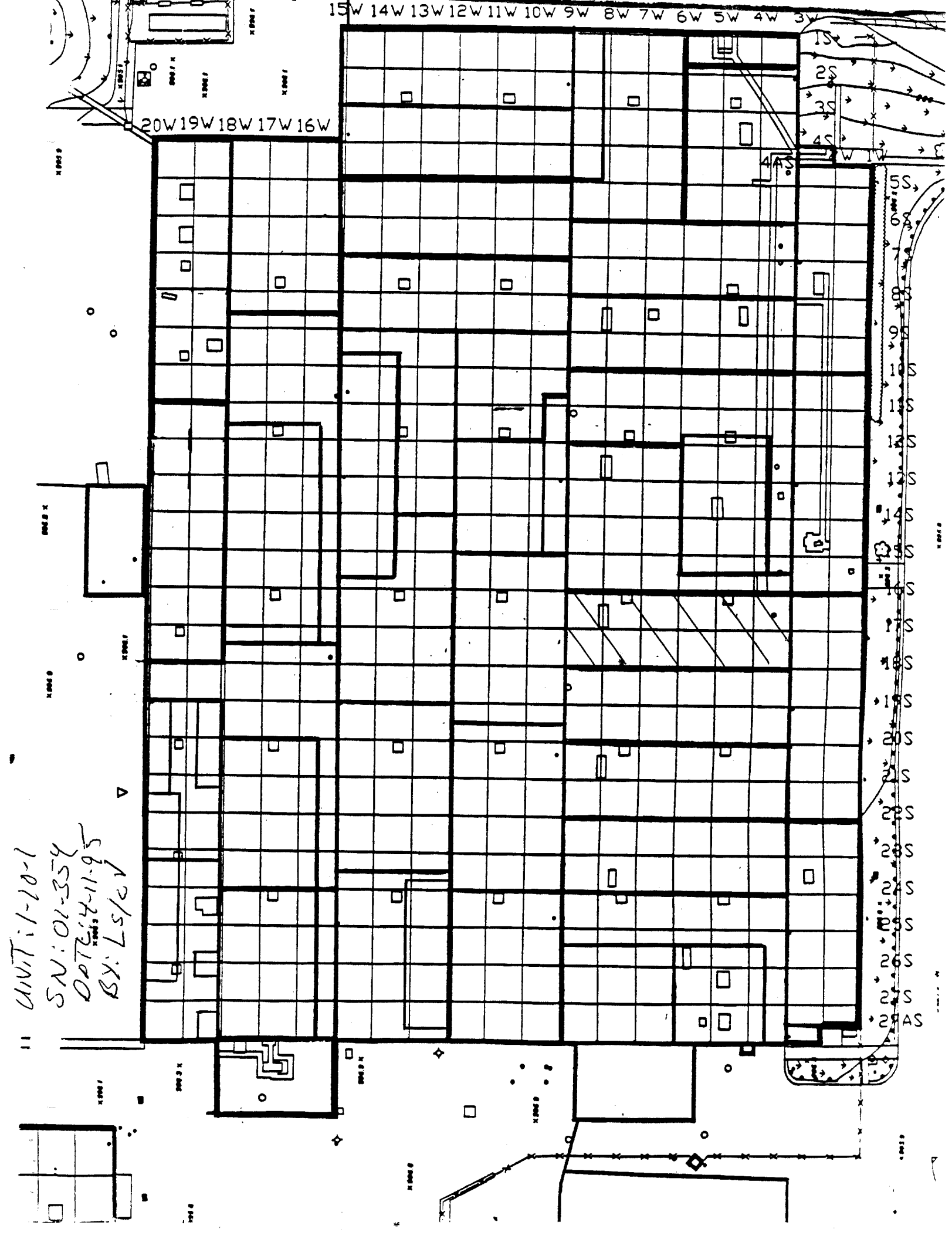
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-10-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 14:56
2	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/23/95 14:59
3	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:01
4	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:03
5	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 15:05
6	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 15:07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20W 19W 18W 17W 16W
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15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
UNIT: 1-10-1
SN: 01-354
DOT: 4-11-95
BY: LSLV

Blairsville Point Survey Form #003

Survey Serial #:	01-355

Survey Section:	1
Survey Unit:	12
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/12/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	232

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING/BEAM	2	-21	N/A	N/A	N/A	N/A	1	7	233	13	352	210	-0.99	2	-4.46	3	PAINTED STEEL
CEILING/BEAM	4	-21	N/A	N/A	N/A	N/A	0	7	249	13	293	220	-0.99	2	0.85	3	PAINTED STEEL
CEILING/BEAM	2.5	-16	N/A	N/A	N/A	N/A	1	7	248	13	327	220	0.48	2	0.85	3	PAINTED STEEL
CEILING/BEAM	2.5	-18	N/A	N/A	N/A	N/A	0	7	230	13	328	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING/BEAM	2.5	-8	N/A	N/A	N/A	N/A	0	7	246	13	303	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING/BEAM	2.5	-10	N/A	N/A	N/A	N/A	2	7	199	13	366	250	-0.99	2	-3.13	3	PAINTED STEEL
CEILING/BEAM	6	-8	N/A	N/A	N/A	N/A	3	7	252	13	302	230	0.48	2	-0.47	3	PAINTED STEEL
CEILING/BEAM	6	-10	N/A	N/A	N/A	N/A	3	7	219	13	323	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING/BEAM	10	-1	N/A	N/A	N/A	N/A	2	7	229	13	334	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING/BEAM	10	-3	N/A	N/A	N/A	N/A	0	7	242	13	319	240	-0.99	2	-0.47	3	PAINTED STEEL
TOP OF DUCT	10	-4	N/A	N/A	N/A	N/A	1	7	198	13	317	220	-0.99	2	4.84	3	AT CEILING
TOP OF DUCT	9.5	-8	N/A	N/A	N/A	N/A	1	7	235	13	342	260	-0.99	2	-1.80	3	CEILING
TOP OF DUCT	9.5	-10	N/A	N/A	N/A	N/A	1	7	271	13	295	200	-0.99	2	-1.80	3	CEILING
TOP OF DUCT	9.5	-14	N/A	N/A	N/A	N/A	0	7	224	13	298	240	-0.99	2	-1.80	3	CEILING
TOP OF DUCT	9.5	-16	N/A	N/A	N/A	N/A	0	7	254	13	359	260	-0.99	2	-1.80	3	CEILING
TOP OF DUCT	12	-14	N/A	N/A	N/A	N/A	1	7	235	13	322	260	-0.99	2	-1.80	3	CEILING
TOP OF DUCT	12	-16	N/A	N/A	N/A	N/A	1	7	257	13	339	230	0.48	2	4.84	3	CEILING
TOP OF DUCT	11	-7	N/A	N/A	N/A	N/A	0	7	228	13	328	230	-0.99	2	-3.13	3	CEILING
TOP OF DUCT	11	-9	N/A	N/A	N/A	N/A	0	7	284	13	308	220	0.48	2	-0.47	3	CEILING
TOP OF DUCT	13	-8	N/A	N/A	N/A	N/A	1	7	233	13	337	220	1.96	2	0.85	3	CEILING
CEILING	13	-10	N/A	N/A	N/A	N/A	2	7	233	13	345	240	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	15	-7	N/A	N/A	N/A	N/A	1	7	217	13	360	220	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	15	-9	N/A	N/A	N/A	N/A	0	7	226	13	319	230	-0.99	2	-4.46	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-355
Survey Section:	1
Survey Unit:	12
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/12/95
Count Date:	8/23/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	232

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/L.SMITH/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
CEILING	13	-14	N/A	N/A	N/A	N/A	0	7	237	13	303	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	13	-16	N/A	N/A	N/A	N/A	2	7	213	13	330	220	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	13	-21	N/A	N/A	N/A	N/A	1	7	238	13	290	210	0.48	2	0.85	3	PAINTED STEEL
CEILING	15	-21	N/A	N/A	N/A	N/A	3	7	257	13	297	240	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	10	-21	N/A	N/A	N/A	N/A	0	7	259	13	330	230	-0.99	2	0.85	3	PAINTED STEEL
CEILING	12	-21	N/A	N/A	N/A	N/A	1	7	226	13	306	220	0.48	2	-3.13	3	PAINTED STEEL
CEILING	14	-23	N/A	N/A	N/A	N/A	0	7	213	13	300	200	-0.99	2	3.51	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-355.XLD
Batch Ended: 8/23/95 16:14
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-12-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
13	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/23/95 15:10
14	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 15:12
15	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 15:14
16	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 15:16
17	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 15:19
18	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 15:21
19	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/23/95 15:23
20	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 15:25
21	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:27
22	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/23/95 15:29
23	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/23/95 15:32
24	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:34
25	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:36
26	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:38
27	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:41
28	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 15:43
29	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/23/95 15:45
30	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 15:47
31	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/23/95 15:49
32	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/23/95 15:51
33	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/23/95 15:54
34	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 15:56
35	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/23/95 15:58
36	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 16:00

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-355.XLD
Batch Ended: 8/23/95 16:14
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: 1440

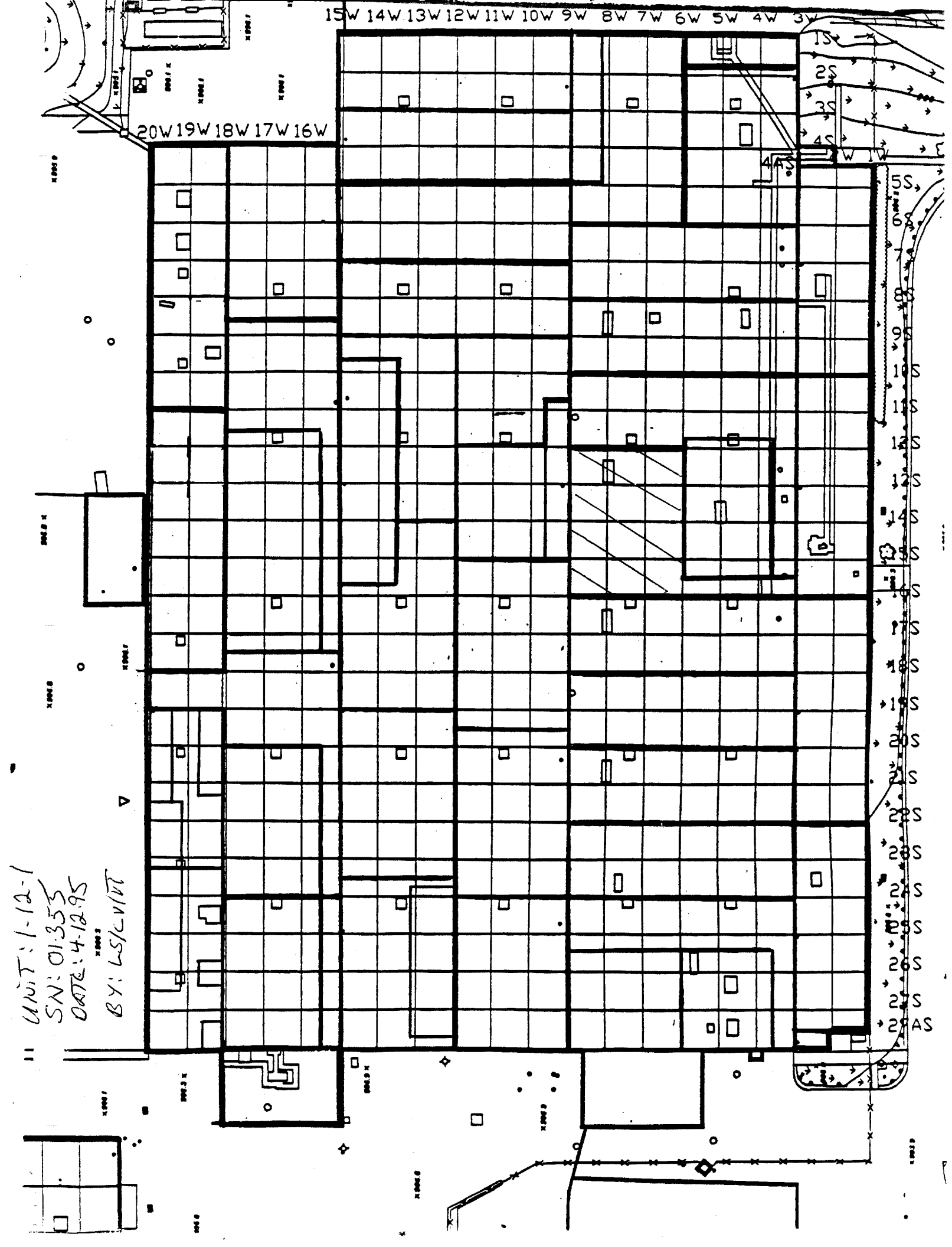
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-12-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
37	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/23/95 16:02
38	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/23/95 16:05
39	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/23/95 16:07
40	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/23/95 16:09
41	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/23/95 16:11
42	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/23/95 16:14


15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W
20W 19W 18W 17W 16W
1S
2S
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6S
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18S
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20S
21S
22S
23S
24S
25S
26S
27S
28AS
UNIT: 1-12-1
SN: 01355
DATE: 4-12-95
BY: LS/CVIT

Blairsville Point Survey Form #003

Survey Serial #:	01-356
Survey Section:	1
Survey Unit:	14
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/13/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	235

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
TOP OF DUCT	0	4.5	N/A	N/A	N/A	N/A	0	7	264	13	394	210	0.48	2	-0.47	3	PAINTED STEEL
CEILING	2	5	N/A	N/A	N/A	N/A	3	7	219	13	293	210	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	4	5	N/A	N/A	N/A	N/A	2	7	243	13	341	230	-0.99	2	2.18	3	PAINTED STEEL
CEILING	6	5	N/A	N/A	N/A	N/A	9	7	227	13	287	220	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2	-7	N/A	N/A	N/A	N/A	8	7	238	13	331	230	1.96	2	-3.13	3	PAINTED STEEL
CEILING	4	-7	N/A	N/A	N/A	N/A	1	7	243	13	334	250	0.48	2	2.18	3	PAINTED STEEL
CEILING	6	-8	N/A	N/A	N/A	N/A	0	7	258	13	349	210	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	6	-10	N/A	N/A	N/A	N/A	2	7	238	13	351	230	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	12	-8	N/A	N/A	N/A	N/A	4	7	250	13	331	220	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	12	-10	N/A	N/A	N/A	N/A	1	7	243	13	336	240	-0.99	2	-0.47	3	PAINTED STEEL
TOP OF DUCT	14	-8	N/A	N/A	N/A	N/A	3	7	246	13	330	240	1.96	2	3.51	3	DUCT
CEILING	14	-9	N/A	N/A	N/A	N/A	2	7	226	13	348	230	0.48	2	3.51	3	PAINTED STEEL
CEILING	14	-11	N/A	N/A	N/A	N/A	2	7	254	13	331	240	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	11	-12	N/A	N/A	N/A	N/A	3	7	231	13	352	240	0.48	2	-1.80	3	PAINTED STEEL
CEILING	11	-10	N/A	N/A	N/A	N/A	4	7	273	13	385	230	0.48	2	-1.80	3	PAINTED STEEL
EAST WALL	7	3	N/A	N/A	N/A	N/A	1	7	284	13	367	270	0.48	2	-3.13	3	PAINTED BLOCK
EAST WALL	9	3	N/A	N/A	N/A	N/A	1	7	224	13	395	240	-0.99	2	-3.13	3	PAINTED STEEL
EAST WALL	3	3	N/A	N/A	N/A	N/A	1	7	328	13	370	250	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	5	3	N/A	N/A	N/A	N/A	2	7	313	13	410	220	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	10	3	N/A	N/A	N/A	N/A	0	7	272	13	397	250	-0.99	2	3.51	3	PAINTED BLOCK
EAST WALL	0	3	N/A	N/A	N/A	N/A	2	8	293	13	349	230	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	2	3	N/A	N/A	N/A	N/A	2	8	283	13	322	240	0.48	2	4.84	3	PAINTED BLOCK
EAST WALL	1	5	N/A	N/A	N/A	N/A	2	8	339	13	373	300	1.96	2	-0.47	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-356
Survey Section:	1
Survey Unit:	14
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/13/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	235

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
EAST WALL	3	5	N/A	N/A	N/A	N/A	3	8	363	13	444	310	1.96	2	6.17	3	PAINTED BLOCK
TOP OF DUCT	35.5	-1	N/A	N/A	N/A	N/A	2	8	330	13	419	300	-0.99	2	2.18	3	DUCT
TOP OF DUCT	35.5	-3	N/A	N/A	N/A	N/A	6	8	340	13	398	290	0.48	2	-3.13	3	DUCT
EAST WALL	4	5	N/A	N/A	N/A	N/A	1	8	367	13	463	315	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	6	5	N/A	N/A	N/A	N/A	2	8	344	13	441	300	-0.99	2	0.85	3	PAINTED BLOCK
TOP OF DUCT	35.5	-4	N/A	N/A	N/A	N/A	2	8	330	13	471	310	0.48	2	3.51	3	DUCT
TOP OF DUCT	35.5	-6	N/A	N/A	N/A	N/A	2	8	328	13	484	300	-0.99	2	-0.47	3	DUCT

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-356.XLD
Batch Ended: 8/24/95 7:39
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-14-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 6:35
2	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 6:37
3	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 6:40
4	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 6:42
5	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/24/95 6:44
6	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 6:46
7	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 6:48
8	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 6:50
9	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 6:53
10	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 6:55
11	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/24/95 6:57
12	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/24/95 6:59
13	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 7:01
14	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 7:04
15	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 7:06
16	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 7:08
17	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 7:10
18	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 7:13
19	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 7:15
20	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 7:17
21	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 7:19
22	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/24/95 7:21
23	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/24/95 7:23
24	1.956	2.09	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.664	2.32	8/24/95 7:26

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-356.XLD
Batch Ended: 8/24/95 7:39
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: 1440

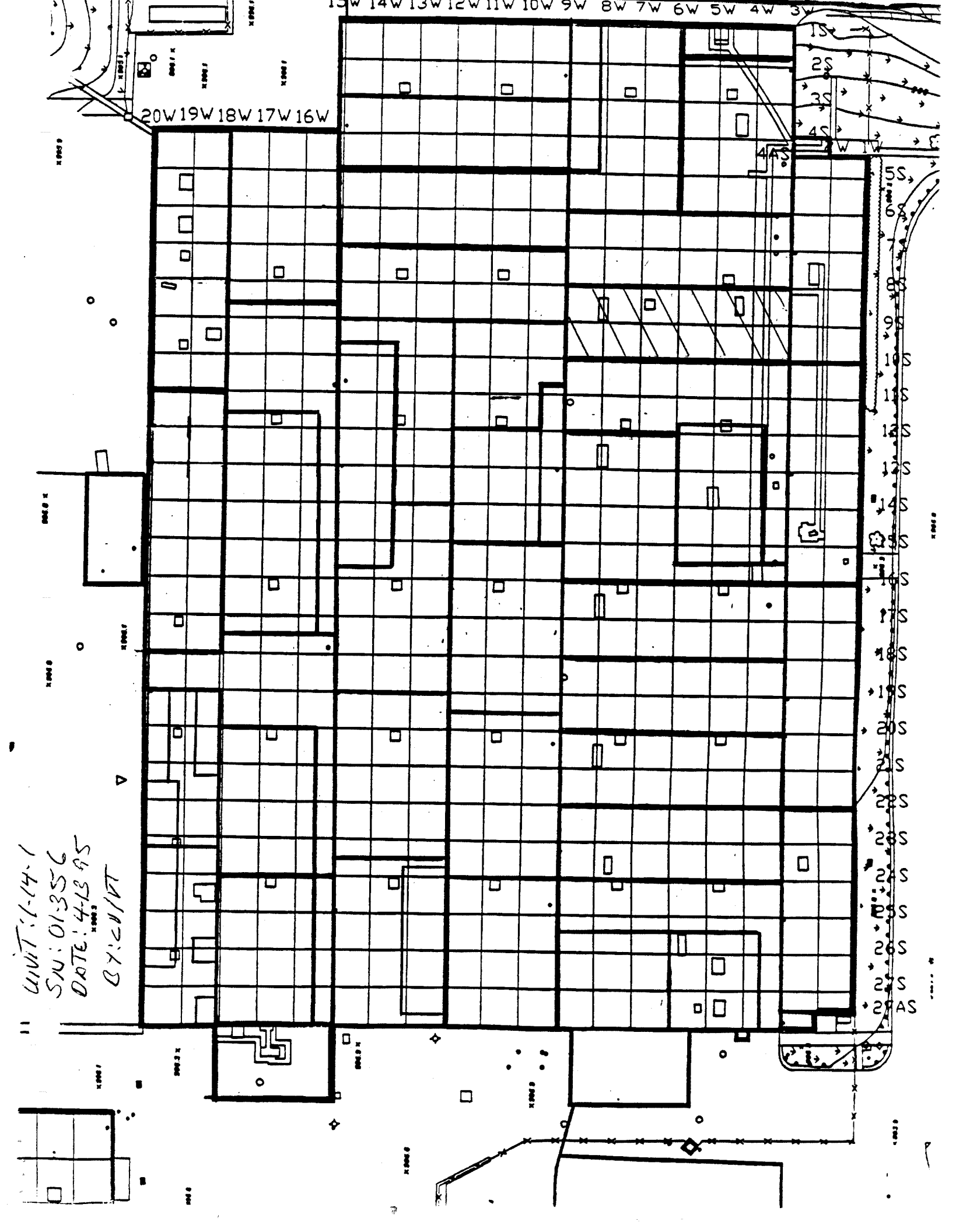
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-14-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
25	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 7:28
26	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 7:30
27	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 7:32
28	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 7:35
29	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/24/95 7:37
30	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 7:39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20W 19W 18W 17W 16W
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2S
3S
4S
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6S
7S
8S
9S
10S
11S
12S
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14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
UNIT: 1-14-1
SN: 01-356
DATE: 4-13-95
BY: CV/VT

Blairsville Point Survey Form #003

Survey Serial #:	01-357
Survey Section:	1
Survey Unit:	13
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/13/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	13	-10	N/A	N/A	N/A	N/A	0	7	246	13	334	240	-0.99	2	4.84	3	PAINTED STEEL
CEILING	15	-10	N/A	N/A	N/A	N/A	1	7	278	13	331	230	0.48	2	-0.47	3	PAINTED STEEL
CEILING	10	-10	N/A	N/A	N/A	N/A	3	7	236	13	382	250	0.48	2	-1.80	3	PAINTED STEEL
CEILING	12	-10	N/A	N/A	N/A	N/A	1	7	237	13	381	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	9	-9	N/A	N/A	N/A	N/A	1	7	259	13	342	260	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	11	-9	N/A	N/A	N/A	N/A	0	7	249	13	332	240	-0.99	2	2.18	3	PAINTED STEEL
CEILING	11	-9	N/A	N/A	N/A	N/A	0	7	252	13	392	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	15	-9	N/A	N/A	N/A	N/A	1	7	280	13	379	260	0.48	2	-3.13	3	PAINTED STEEL
CEILING	12	-3	N/A	N/A	N/A	N/A	1	7	244	13	328	230	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	12	-5	N/A	N/A	N/A	N/A	2	7	227	13	330	240	1.96	2	0.85	3	PAINTED STEEL
CEILING	12	0	N/A	N/A	N/A	N/A	2	7	231	13	341	250	0.48	2	0.85	3	PAINTED STEEL
CEILING	12	-2	N/A	N/A	N/A	N/A	1	7	254	13	398	230	-0.99	2	0.85	3	PAINTED STEEL
CEILING	10	-1	N/A	N/A	N/A	N/A	1	7	262	13	383	230	-0.99	2	3.51	3	PAINTED STEEL
CEILING	10	-3	N/A	N/A	N/A	N/A	2	7	242	13	372	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	10	-4	N/A	N/A	N/A	N/A	1	7	246	13	380	240	0.48	2	-1.80	3	PAINTED STEEL
CEILING	10	-6	N/A	N/A	N/A	N/A	2	7	232	13	340	240	1.96	2	0.85	3	PAINTED STEEL
CEILING	8	-1	N/A	N/A	N/A	N/A	0	7	281	13	328	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	8	-3	N/A	N/A	N/A	N/A	3	7	259	13	413	240	-0.99	2	7.50	3	PAINTED STEEL
CEILING	8	-4	N/A	N/A	N/A	N/A	1	7	257	13	339	230	0.48	2	0.85	3	PAINTED STEEL
CEILING	8	-6	N/A	N/A	N/A	N/A	5	7	210	13	376	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-7	N/A	N/A	N/A	N/A	1	7	284	13	358	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-9	N/A	N/A	N/A	N/A	1	7	251	13	342	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-5	N/A	N/A	N/A	N/A	1	7	245	13	436	270	0.48	2	0.85	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-357
Survey Section:	1
Survey Unit:	13
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/13/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	6	-3	N/A	N/A	N/A	N/A	0	7	245	13	351	250	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	4	-8	N/A	N/A	N/A	N/A	0	7	244	13	359	230	-0.99	2	3.51	3	PAINTED STEEL
CEILING	4	-10	N/A	N/A	N/A	N/A	2	7	232	13	338	240	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	4	-3	N/A	N/A	N/A	N/A	1	7	256	13	361	220	0.48	2	0.85	3	PAINTED STEEL
CEILING	4	-5	N/A	N/A	N/A	N/A	0	7	245	13	326	230	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	2	-3	N/A	N/A	N/A	N/A	2	7	254	13	306	220	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2	-5	N/A	N/A	N/A	N/A	1	7	224	13	362	230	-0.99	2	2.18	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-357.XLD
Batch Ended: 8/24/95 8:45
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-13-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
31	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/24/95 7:41
32	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 7:43
33	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 7:46
34	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 7:48
35	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 7:50
36	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 7:52
37	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 7:54
38	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 7:57
39	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 7:59
40	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/24/95 8:01
41	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 8:03
42	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 8:06
43	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 8:08
44	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 8:10
45	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 8:12
46	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/24/95 8:14
47	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 8:17
48	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/24/95 8:19
49	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 8:21
50	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 8:23
51	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 8:25
52	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 8:28
53	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 8:30
54	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 8:32

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-357.XLD
Batch Ended: 8/24/95 8:45
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: 1440

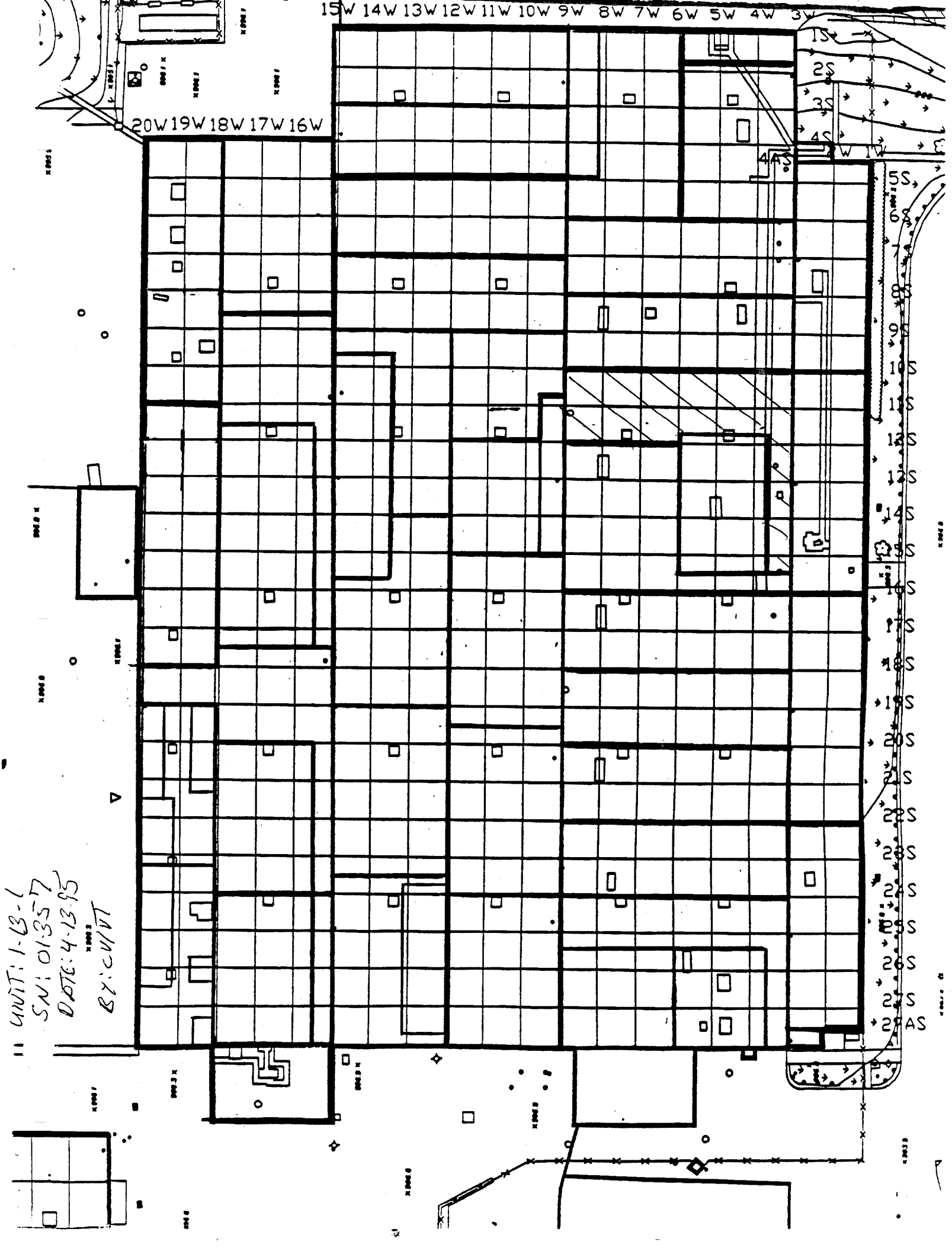
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-13-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
55	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 8:34
56	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 8:36
57	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 8:39
58	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 8:41
59	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 8:43
60	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 8:45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20W 19W 18W 17W 16W
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2S
3S
4S
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6S
7S
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11S
12S
13S
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15S
16S
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18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
UNIT: 1-13-1
SN: 01357
DATE: 4-13-95
EXCAVT

Blairsville Point Survey Form #003

Survey Serial #:	01-358
Survey Section:	1
Survey Unit:	15
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/17/95
Count Date:	8/24/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	201

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	33.96	2.94	0.34

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

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
NORTH WALL	27	4	N/A	N/A	N/A	N/A	1	7	279	13	401	240	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	29	4	N/A	N/A	N/A	N/A	1	7	273	13	328	240	1.96	2	-1.80	3	PAINTED BLOCK
NORTH WALL	27	5.5	N/A	N/A	N/A	N/A	1	7	279	13	346	250	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL	29	5.5	N/A	N/A	N/A	N/A	1	7	249	13	360	270	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	23	4	N/A	N/A	N/A	N/A	1	7	280	13	327	250	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	25	4	N/A	N/A	N/A	N/A	5	7	276	13	335	240	-0.99	2	-4.46	3	PAINTED BLOCK
NORTH WALL	23	5.5	N/A	N/A	N/A	N/A	1	7	287	13	345	230	1.96	2	4.84	3	PAINTED BLOCK
NORTH WALL	25	5.5	N/A	N/A	N/A	N/A	0	7	228	13	314	240	0.48	2	-0.47	3	PAINTED BLOCK
NORTH WALL	19	4	N/A	N/A	N/A	N/A	2	7	271	13	359	260	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	21	4	N/A	N/A	N/A	N/A	3	7	287	13	352	260	1.96	2	3.51	3	PAINTED BLOCK
NORTH WALL	19	5.5	N/A	N/A	N/A	N/A	1	7	265	13	309	250	-0.99	2	-4.46	3	PAINTED BLOCK
NORTH WALL	21	5.5	N/A	N/A	N/A	N/A	1	7	252	13	332	250	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	15	3.5	N/A	N/A	N/A	N/A	1	7	273	13	431	220	0.48	2	-1.80	3	PAINTED BLOCK
NORTH WALL	17	3.5	N/A	N/A	N/A	N/A	2	7	272	13	294	240	-0.99	2	3.51	3	PAINTED BLOCK
NORTH WALL	15	5.5	N/A	N/A	N/A	N/A	4	7	284	13	393	230	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	17	5.5	N/A	N/A	N/A	N/A	3	7	286	13	293	230	0.48	2	-3.13	3	PAINTED BLOCK
NORTH WALL	12	3.5	N/A	N/A	N/A	N/A	2	7	267	13	384	250	-0.99	2	-3.13	3	PAINTED BLOCK
NORTH WALL	14	3.5	N/A	N/A	N/A	N/A	1	7	284	13	347	250	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	12	5.5	N/A	N/A	N/A	N/A	4	7	280	13	368	250	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL	14	5.5	N/A	N/A	N/A	N/A	1	7	246	13	419	300	-0.99	2	4.84	3	PAINTED BLOCK
NORTH WALL	9	4	N/A	N/A	N/A	N/A	4	7	245	13	345	250	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	11	4	N/A	N/A	N/A	N/A	1	7	264	13	414	300	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	9	5.5	N/A	N/A	N/A	N/A	3	7	253	13	379	260	-0.99	2	-1.80	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-358
Survey Section:	1
Survey Unit:	15
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	4/17/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	201

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
NORTH WALL	11	5.5	N/A	N/A	N/A	N/A	3	7	254	13	372	280	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	7	4	N/A	N/A	N/A	N/A	3	7	261	13	362	230	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	7	5.5	N/A	N/A	N/A	N/A	3	7	252	13	361	260	-0.99	2	-3.13	3	PAINTED BLOCK
CEILING	35	-1	N/A	N/A	N/A	N/A	0	7	246	13	384	280	-0.99	2	2.18	3	PAINTED STEEL
CEILING	35	-3.5	N/A	N/A	N/A	N/A	2	7	280	13	348	260	-0.99	2	3.51	3	PAINTED STEEL
DUCT	36	-1	N/A	N/A	N/A	N/A	4	7	289	13	415	280	-0.99	2	-0.47	3	TOP OF DUCT
DUCT	36	-3	N/A	N/A	N/A	N/A	5	7	327	13	451	280	-0.99	2	-1.80	3	TOP OF DUCT

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-358.XLD
Batch Ended: 8/24/95 9:52
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-15-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
61	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 8:48
62	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/24/95 8:50
63	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 8:52
64	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 8:54
65	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 8:56
66	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 8:59
67	1.956	2.09	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.664	1.82	8/24/95 9:01
68	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 9:03
69	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 9:05
70	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/24/95 9:08
71	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 9:10
72	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 9:12
73	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 9:14
74	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 9:17
75	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 9:19
76	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 9:21
77	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 9:23
78	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 9:25
79	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 9:28
80	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/24/95 9:30
81	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 9:32
82	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 9:34
83	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 9:36
84	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 9:39

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-358.XLD
Batch Ended: 8/24/95 9:52
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: 1440

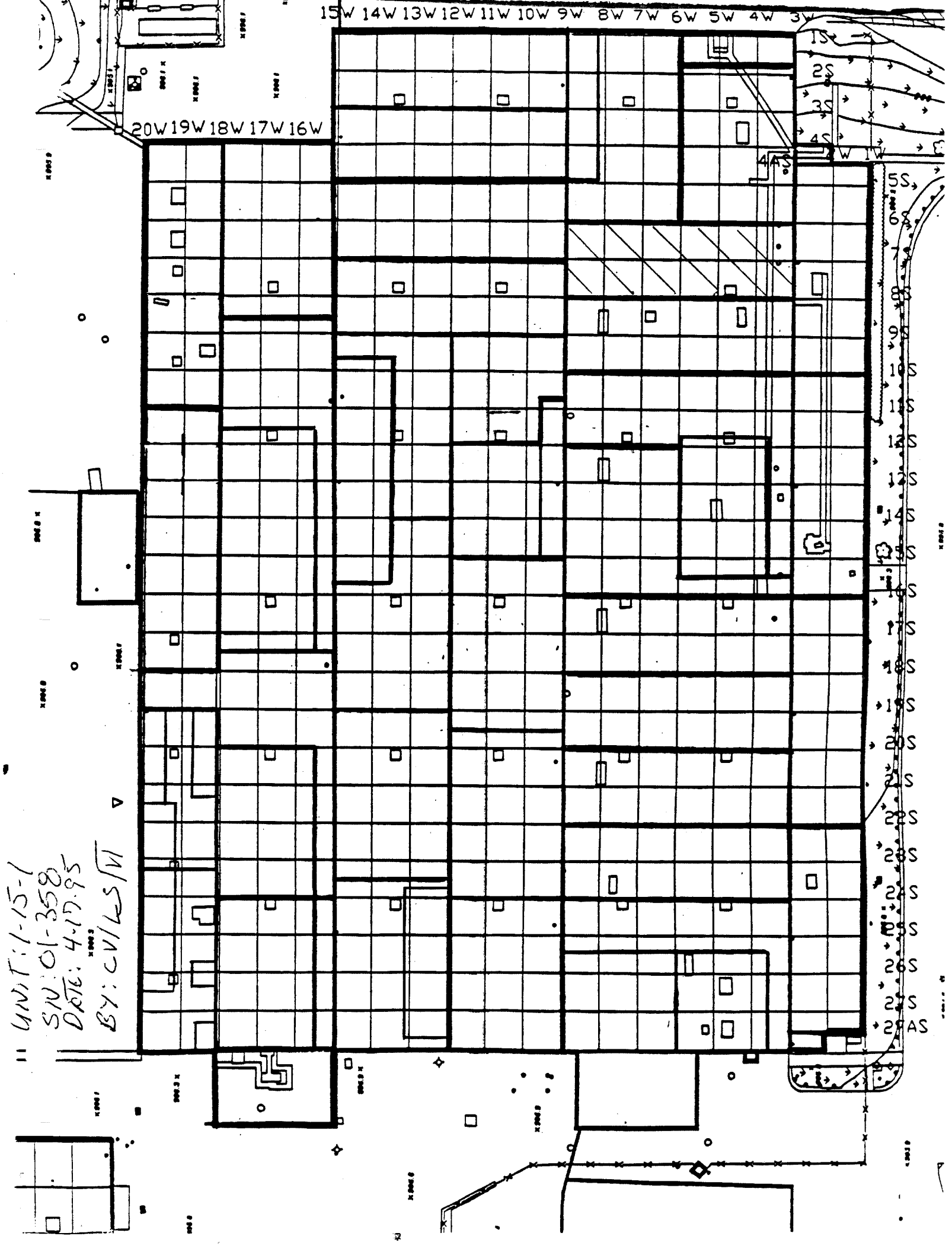
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-15-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
85	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 9:41
86	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 9:43
87	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 9:45
88	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 9:47
89	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 9:50
90	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 9:52


15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W
20W 19W 18W 17W 16W
1S
2S
3S
4S
4AS
5S
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14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
27AS
UNIT: 1-15-1
S/N: 01-358
DATE: 4-17-95
BY: CV/LS/VI

Blairsville Point Survey Form #003

Survey Serial #:	01-359
Survey Section:	1
Survey Unit:	41
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	4/18/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	191

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	2.5	-7	N/A	N/A	N/A	N/A	1	8	263	13	350	240	0.48	2	0.85	3	PAINTED STEEL
CEILING	2.5	-9	N/A	N/A	N/A	N/A	5	8	246	13	338	230	-0.99	2	3.51	3	PAINTED STEEL
CEILING	2.5	-10	N/A	N/A	N/A	N/A	1	8	268	13	345	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	2.5	-12	N/A	N/A	N/A	N/A	1	8	233	13	363	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	2.5	-14	N/A	N/A	N/A	N/A	2	8	248	13	275	230	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	2.5	-16	N/A	N/A	N/A	N/A	1	8	287	13	430	260	-0.99	2	3.51	3	PAINTED STEEL
CEILING	2.5	-18	N/A	N/A	N/A	N/A	6	8	266	13	280	210	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	2.5	-19	N/A	N/A	N/A	N/A	3	8	268	13	389	250	0.48	2	-3.13	3	PAINTED STEEL
CEILING	2.5	-21	N/A	N/A	N/A	N/A	1	8	271	13	401	250	0.48	2	-3.13	3	PAINTED STEEL
CEILING	2.5	-22	N/A	N/A	N/A	N/A	3	8	217	13	349	240	-0.99	2	-3.13	3	PAINTED STEEL
CEILING	2.5	-24	N/A	N/A	N/A	N/A	1	8	245	13	331	230	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-1	N/A	N/A	N/A	N/A	1	8	225	13	392	230	0.48	2	2.18	3	PAINTED STEEL
CEILING	6	-3	N/A	N/A	N/A	N/A	1	8	233	13	338	240	0.48	2	0.85	3	PAINTED STEEL
CEILING	6	-4	N/A	N/A	N/A	N/A	1	8	217	13	318	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-6	N/A	N/A	N/A	N/A	0	8	250	13	344	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-7	N/A	N/A	N/A	N/A	3	8	243	13	310	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-9	N/A	N/A	N/A	N/A	7	8	219	13	385	230	0.48	2	-1.80	3	PAINTED STEEL
CEILING	6	-10	N/A	N/A	N/A	N/A	4	8	246	13	311	220	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	6	-12	N/A	N/A	N/A	N/A	1	8	254	13	342	230	0.48	2	-1.80	3	PAINTED STEEL
CEILING	6	-15	N/A	N/A	N/A	N/A	2	8	257	13	343	240	0.48	2	0.85	3	PAINTED STEEL
CEILING	6	-13	N/A	N/A	N/A	N/A	3	8	244	13	302	220	-0.99	2	0.85	3	PAINTED STEEL
CEILING	6	-16	N/A	N/A	N/A	N/A	4	8	257	13	342	220	0.48	2	-1.80	3	PAINTED STEEL
CEILING	6	-18	N/A	N/A	N/A	N/A	2	8	234	13	349	230	-0.99	2	4.84	3	PAINTED STEEL

Blairsville Point Survey Form #003

Survey Serial #:	01-359

Survey Section:	1
Survey Unit:	41
Survey Sub-unit:	4

Classification:	4
Survey Type:	UPPER

Survey Date:	4/18/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	191

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	6	-25	N/A	N/A	N/A	N/A	3	8	219	13	333	210	-0.99	2	3.51	3	PAINTED STEEL
CEILING	6	-27	N/A	N/A	N/A	N/A	4	8	283	13	329	250	0.48	2	3.51	3	PAINTED STEEL
CEILING	10	-31	N/A	N/A	N/A	N/A	2	8	262	13	319	230	-0.99	2	8.83	3	PAINTED STEEL
CEILING	10	-33	N/A	N/A	N/A	N/A	1	8	237	13	325	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	0	-35	N/A	N/A	N/A	N/A	2	8	232	13	360	240	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	2	-35	N/A	N/A	N/A	N/A	1	8	240	13	353	220	1.96	2	3.51	3	PAINTED STEEL
CEILING	10	-37	N/A	N/A	N/A	N/A	1	8	246	13	340	220	0.48	2	-0.47	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-359.XLD
Batch Ended: 8/24/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
91	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 9:54
92	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 9:56
93	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 9:59
94	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:01
95	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 10:03
96	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 10:05
97	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:07
98	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 10:10
99	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 10:12
100	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 10:14
1	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 10:16
2	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 10:18
3	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 10:21
4	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 10:23
5	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:25
6	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:27
7	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 10:30
8	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:32
9	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 10:34
10	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 10:36
11	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 10:38
12	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA		2.00	0.164	-0.68	8/24/95 10:41
13	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/24/95 10:43
14	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 10:45

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-359.XLD
Batch Ended: 8/24/95 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: 1440

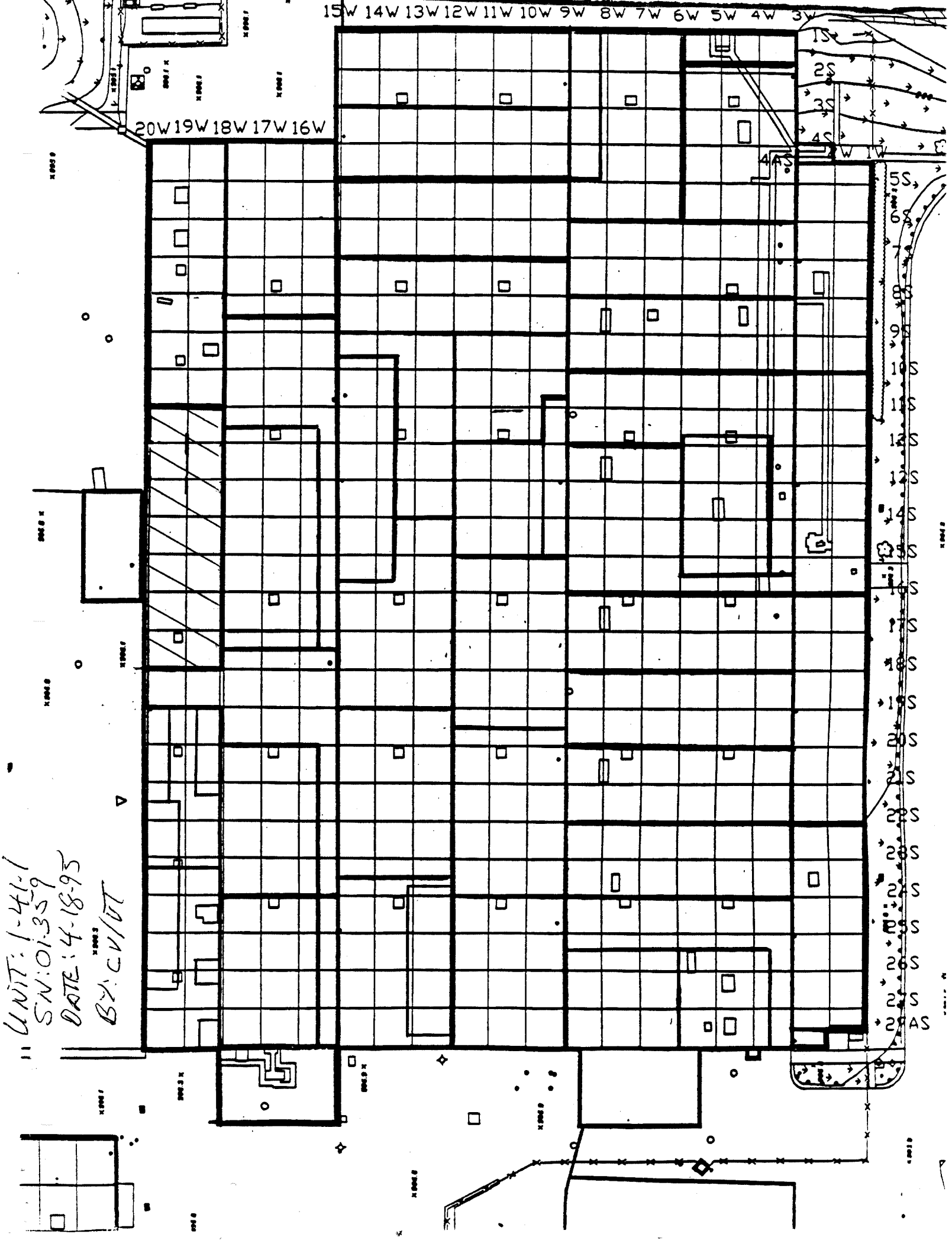
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
15	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/24/95 10:47
16	-0.989	1.48	<MDA	7.98	8.83	4.22	<AL	11.67	2.00	-0.336	3.32	8/24/95 10:49
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:52
18	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 10:54
19	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/24/95 10:56
20	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 10:58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20W 19W 18W 17W 16W
1S
2S
3S
4S
4AS
5S
6S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S
25S
26S
27S
28AS
UNIT: 1-41-1
SN: 01-359
DATE: 4-18-95
BY: CV/VT

Blairsville Point Survey Form #003

Survey Serial #:	01-360

Survey Section:	1
Survey Unit:	50
Survey Sub-unit:	1

Classification:	4
Survey Type:	LOWER

Survey Date:	4/25/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	3

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
1601	13	34.6	2.89	219

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	4	Gamma
1522	22	0.014	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
FLOOR	6	-13	3	23	0.013	22	4	8	421	13	497	380	-0.99	2	-4.46	3	CONCRETE
FLOOR	7	-13	4	23	0.011	22	2	8	343	13	524	360	1.96	2	-0.47	3	CONCRETE
FLOOR	7	-14	4	23	0.012	22	3	8	339	13	462	340	-0.99	2	-1.80	3	CONCRETE
FLOOR	9	-14	4	23	0.014	22	3	8	376	13	486	360	0.48	2	2.18	3	CONCRETE
FLOOR	11	-14	3	23	0.013	22	5	8	415	13	543	380	-0.99	2	-0.47	3	CONCRETE
FLOOR	13	-14	4	23	0.011	22	6	8	340	13	466	330	-0.99	2	-3.13	3	CONCRETE
FLOOR	15	-14	4	23	0.011	22	4	8	376	13	561	350	0.48	2	-3.13	3	CONCRETE
FLOOR	14	-15	4	23	0.013	22	3	8	369	13	450	360	0.48	2	0.85	3	CONCRETE
FLOOR	12	-15	4	23	0.014	22	7	8	343	13	442	350	-0.99	2	-0.47	3	CONCRETE
FLOOR	10	-15	4	23	0.013	22	7	8	386	13	481	380	0.48	2	0.85	3	CONCRETE
FLOOR	8	-15	4	23	0.01	22	4	8	371	13	435	350	0.48	2	-1.80	3	CONCRETE
FLOOR	9	-16	3	23	0.013	22	4	8	366	13	490	340	-0.99	2	-3.13	3	CONCRETE
FLOOR	11	-16	4	23	0.012	22	0	8	350	13	461	360	-0.99	2	3.51	3	CONCRETE
FLOOR	13	-16	4	23	0.014	22	5	8	400	13	481	390	-0.99	2	-1.80	3	CONCRETE
FLOOR	15	-16	4	23	0.01	22	6	8	403	13	464	370	3.43	2	-1.80	3	CONCRETE
FLOOR	14	-17	4	23	0.014	22	5	8	375	13	458	340	-0.99	2	-0.47	3	CONCRETE
FLOOR	12	-17	4	23	0.017	22	2	8	388	13	491	360	-0.99	2	-1.80	3	CONCRETE
FLOOR	10	-17	4	23	0.007	22	5	8	363	13	467	340	-0.99	2	-0.47	3	CONCRETE
FLOOR	8	-17	3	23	0.013	22	6	8	388	13	456	360	1.96	2	-4.46	3	CONCRETE
FLOOR	8	-18	4	23	0.016	22	7	8	373	13	434	340	1.96	2	0.85	3	CONCRETE
FLOOR	8	-19	4	23	0.012	22	7	8	364	13	470	350	0.48	2	0.85	3	CONCRETE
FLOOR	8	-20	4	23	0.012	22	7	8	361	13	491	370	0.48	2	2.18	3	CONCRETE
FLOOR	8	-21	4	23	0.009	22	4	8	377	13	459	350	0.48	2	-1.80	3	CONCRETE

Blairsville Point Survey Form #003

Survey Serial #:	01-360
Survey Section:	1
Survey Unit:	50
Survey Sub-unit:	1
Classification:	4
Survey Type:	LOWER
Survey Date:	4/25/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	3

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	219

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	4	Gamma
1522	22	0.014	Beta / Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

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
FLOOR	7	-22	4	23	0.01	22	5	8	322	13	397	340	-0.99	2	3.51	3	CONCRETE
FLOOR	10	-20	4	23	0.009	22	12	8	363	13	478	330	-0.99	2	-3.13	3	CONCRETE
FLOOR	12	-20	4	23	0.018	22	2	8	352	13	474	360	0.48	2	-1.80	3	CONCRETE
FLOOR	14	-20	5	23	0.011	22	4	8	369	13	482	350	-0.99	2	2.18	3	CONCRETE
FLOOR	15	-21	4	23	0.012	22	6	8	373	13	448	360	-0.99	2	-1.80	3	CONCRETE
FLOOR	13	-21	5	23	0.022	22	1	8	349	13	507	330	-0.99	2	-1.80	3	CONCRETE
FLOOR	10	-21	4	23	0.009	22	8	8	367	13	458	340	-0.99	2	-0.47	3	CONCRETE
FLOOR	9	-21	4	23	0.008	22	2	8	384	13	402	310	-0.99	2	-1.80	3	CONCRETE
FLOOR	10	-22	4	23	0.02	22	6	8	338	13	460	360	-0.99	2	0.85	3	CONCRETE
FLOOR	12	-22	4	23	0.009	22	1	8	348	13	457	340	-0.99	2	-1.80	3	CONCRETE
FLOOR	14	-22	4	23	0.012	22	7	8	378	13	561	340	0.48	2	-0.47	3	CONCRETE
FLOOR	15	-22	4	23	0.014	22	2	8	363	13	520	350	-0.99	2	0.85	3	CONCRETE
FLOOR	9	-8	4	23	0.009	22	3	8	495	13	534	400	-0.99	2	-0.47	3	CORRUGATED METAL
FLOOR	13	-8	5	23	0.012	22	0	8	344	13	508	380	-0.99	2	2.18	3	CORRUGATED METAL
BLOWER BASE	11.7	-5.7	3	23	0.01	22	5	8	268	13	384	270	0.48	2	-0.47	3	METAL PLATE
TOP OF DUCT	7	-8	3	23	0.015	22	1	8	217	13	352	220	0.48	2	-3.13	3	DUCT METAL
TOP OF DUCT	7	-10	4	23	0.008	22	4	8	235	13	345	230	1.96	2	0.85	3	DUCT METAL
TOP OF DUCT	8	-12	3	23	0.008	22	3	8	235	13	323	240	-0.99	2	-0.47	3	DUCT METAL
TOP OF DUCT	6	-12	4	23	0.008	22	1	8	269	13	384	260	1.96	2	-0.47	3	DUCT METAL
FLOOR	4	-12	3	23	0.015	22	3	8	282	13	404	300	1.96	2	2.18	3	CORRUGATED METAL
FLOOR	4	-10	4	23	0.013	22	4	8	304	13	463	320	-0.99	2	0.85	3	CORRUGATED METAL
FLOOR	4	-8	3	23	0.009	22	6	8	392	13	437	360	0.48	2	-1.80	3	CORRUGATED METAL

LB5100-W Low Background Counting System – Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-360.XLD
Batch Ended: 8/24/95 12:38
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-50-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 11:00
2	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/24/95 11:03
3	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 11:05
4	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 11:07
5	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 11:09
6	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 11:12
7	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 11:14
8	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 11:16
9	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 11:18
10	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 11:20
11	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 11:23
12	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 11:25
13	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 11:27
14	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 11:29
15	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/24/95 11:31
16	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 11:34
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 11:36
18	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 11:38
19	1.956	2.09	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.664	-1.68	8/24/95 11:40
20	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/24/95 11:43
21	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/24/95 11:45
22	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 11:47
23	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 11:49
24	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 11:51

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-360.XLD
Batch Ended: 8/24/95 12:38
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

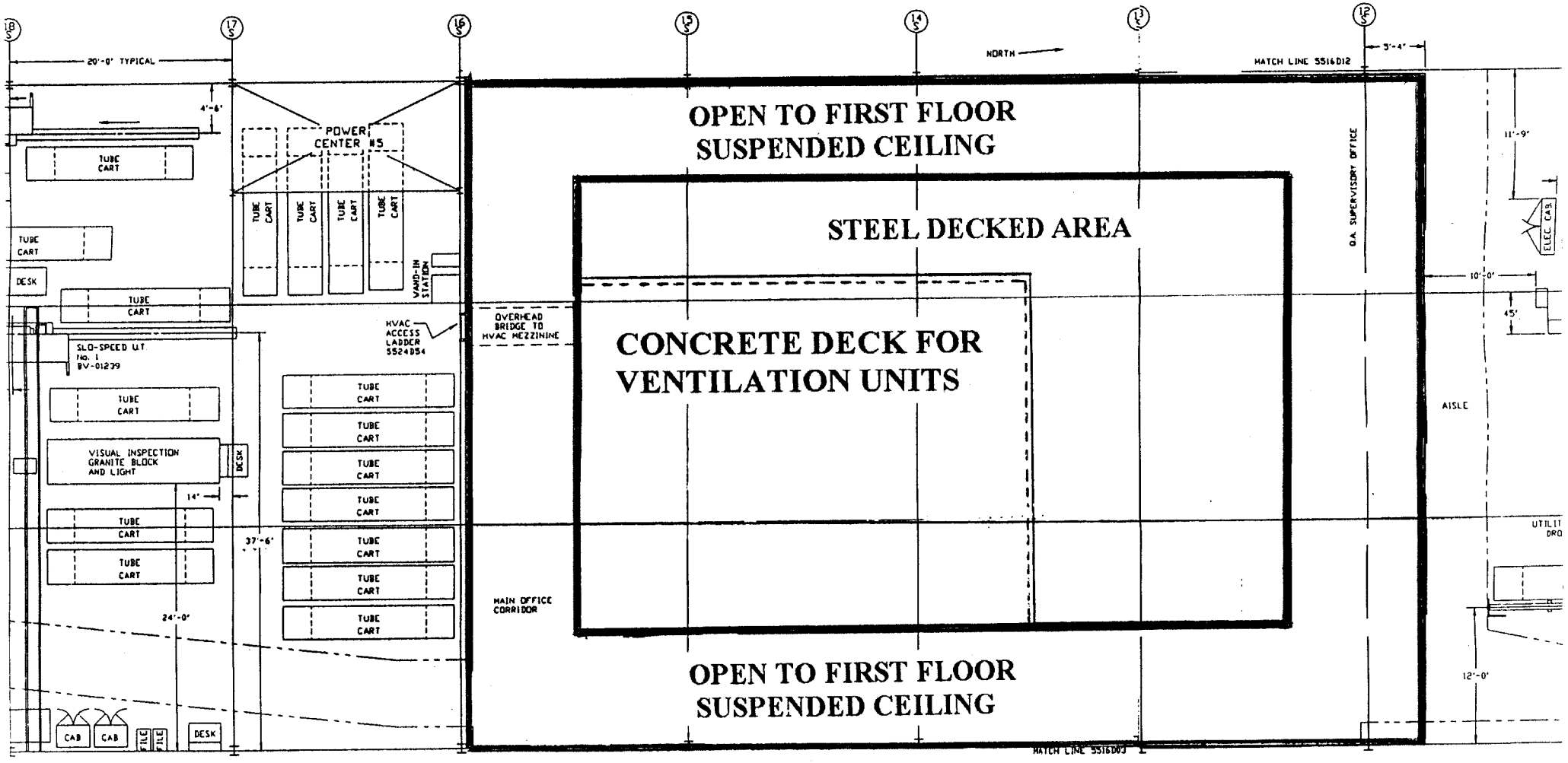
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-50-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
25	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 11:53
26	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 11:56
27	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 11:58
28	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 12:00
29	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 12:02
30	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 12:05
31	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 12:07
32	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 12:09
33	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 12:11
34	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 12:13
35	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 12:16
36	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 12:18
37	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 12:20
38	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 12:22
39	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 12:24
40	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/24/95 12:27
41	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 12:29
42	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/24/95 12:31
43	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/24/95 12:33
44	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 12:36
45	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 12:38

UNIT: 1-50-1
SN: 01360
DATE: 4-25-95
BY: CV/VT

UNIT 1-50-1
2nd FLOOR OF PRODUCTION BAY OFFICE AREAS



5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #:	01-361

Survey Section:	1
Survey Unit:	50
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	4/26/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	216

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	8	-19	N/A	N/A	N/A	N/A	3	8	276	13	354	260	-0.99	2	0.85	3	PAINTED STEEL
CEILING	10	-19	N/A	N/A	N/A	N/A	1	8	259	13	396	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	10	-17	N/A	N/A	N/A	N/A	1	8	275	13	350	250	1.96	2	-0.47	3	PAINTED STEEL
CEILING	8	-15	N/A	N/A	N/A	N/A	2	8	223	13	359	250	0.48	2	4.84	3	PAINTED STEEL
CEILING	6	-15	N/A	N/A	N/A	N/A	0	8	261	13	367	240	0.48	2	-1.80	3	PAINTED STEEL
CEILING	4	-15	N/A	N/A	N/A	N/A	0	8	238	13	319	230	0.48	2	6.17	3	PAINTED STEEL
CEILING	4	-13	N/A	N/A	N/A	N/A	1	8	232	13	327	230	-0.99	2	-0.47	3	PAINTED STEEL
CEILING	8	-13	N/A	N/A	N/A	N/A	1	8	242	13	336	220	-0.99	2	-4.46	3	PAINTED STEEL
CEILING	8	-11	N/A	N/A	N/A	N/A	1	8	249	13	398	230	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	9.5	-12	N/A	N/A	N/A	N/A	2	8	271	13	401	260	-0.99	2	-1.80	3	PAINTED STEEL
CEILING	16	-2	N/A	N/A	N/A	N/A	3	8	267	13	358	240	-0.99	2	0.85	3	PAINTED STEEL
CEILING	16	-4	N/A	N/A	N/A	N/A	3	8	263	13	394	220	-0.99	2	2.18	3	PAINTED STEEL
CEILING	16	-6	N/A	N/A	N/A	N/A	4	8	244	13	354	250	-0.99	2	0.85	3	PAINTED STEEL
CEILING	16	-8	N/A	N/A	N/A	N/A	5	8	249	13	354	230	-0.99	2	0.85	3	PAINTED STEEL
CEILING	16	-10	N/A	N/A	N/A	N/A	3	8	281	13	362	240	-0.99	2	0.85	3	PAINTED STEEL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/24/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-361.XLD
Batch Ended: 8/24/95 13:11
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

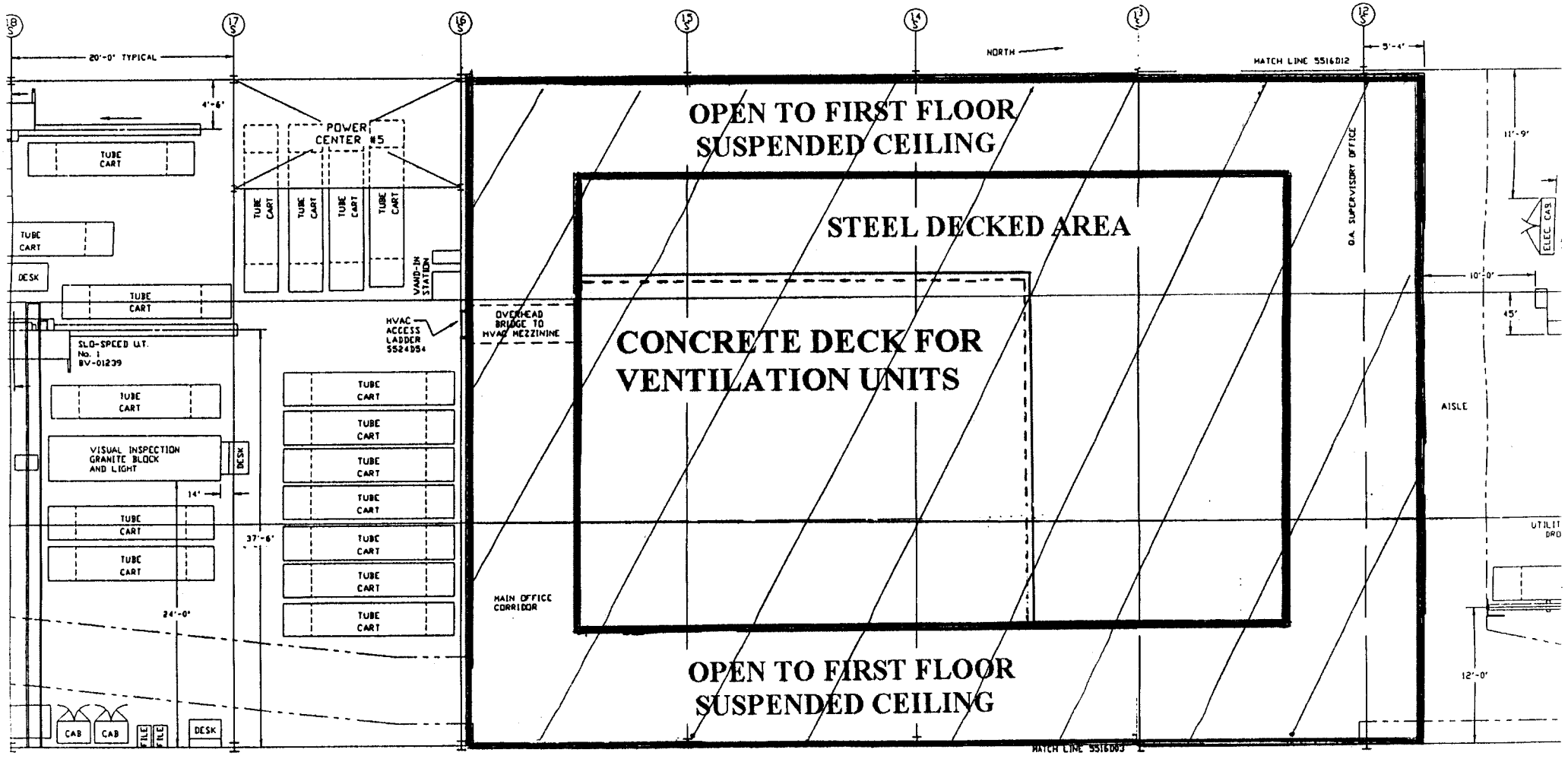
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-50-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
46	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 12:40
47	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 12:42
48	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/24/95 12:44
49	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/24/95 12:47
50	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 12:49
51	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/24/95 12:51
52	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 12:53
53	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 12:55
54	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 12:58
55	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 13:00
56	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 13:02
57	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 13:04
58	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 13:06
59	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 13:09
60	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 13:11

UNIT: 1-50-1
SN 01361
DATE: 4-26-95

UNIT 1-50-1
2nd FLOOR OF PRODUCTION BAY OFFICE AREAS



5516D08 REV 14

Blairsville Point Survey Form #003

Survey Serial #:	01-362
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	4/26/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	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
1601	13	34.6	2.89	240

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

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
SOUTH WALL	1	2.5	N/A	N/A	N/A	N/A	3	8	323	13	395	300	-0.99	2	2.18	3	PAINTED BLOCK
SOUTH WALL	2	2.5	N/A	N/A	N/A	N/A	4	8	287	13	335	260	-0.99	2	7.50	3	PAINTED BLOCK
SOUTH WALL	3	2.5	N/A	N/A	N/A	N/A	4	8	278	13	456	270	0.48	2	3.51	3	PAINTED BLOCK
SOUTH WALL	4	2.5	N/A	N/A	N/A	N/A	2	8	300	13	455	290	0.48	2	2.18	3	PAINTED BLOCK
SOUTH WALL	5	2.5	N/A	N/A	N/A	N/A	8	8	313	13	383	280	-0.99	2	2.18	3	PAINTED BLOCK
SOUTH WALL	6	2.5	N/A	N/A	N/A	N/A	3	8	304	13	323	280	0.48	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	7	2.5	N/A	N/A	N/A	N/A	2	8	295	13	355	270	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	8	2.5	N/A	N/A	N/A	N/A	2	8	328	13	366	300	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	9	2.5	N/A	N/A	N/A	N/A	3	8	297	13	407	260	-0.99	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	10	2.5	N/A	N/A	N/A	N/A	3	8	323	13	398	290	0.48	2	10.16	3	PAINTED BLOCK
SOUTH WALL	11	2.5	N/A	N/A	N/A	N/A	3	8	307	13	386	270	0.48	2	-1.80	3	PAINTED BLOCK
WEST WALL	0.5	2.5	N/A	N/A	N/A	N/A	1	8	257	13	5750	250	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	6	2.5	N/A	N/A	N/A	N/A	3	8	245	13	373	220	0.48	2	-3.13	3	PAINTED BLOCK
WEST WALL	7	2.5	N/A	N/A	N/A	N/A	2	8	305	13	360	290	0.48	2	-1.80	3	PAINTED BLOCK
WEST WALL	8	2.5	N/A	N/A	N/A	N/A	1	8	349	13	434	330	-0.99	2	3.51	3	PAINTED BLOCK
WEST WALL	9	2.5	N/A	N/A	N/A	N/A	3	8	325	13	404	280	1.96	2	2.18	3	PAINTED BLOCK
WEST WALL	10	2.5	N/A	N/A	N/A	N/A	2	8	290	13	453	310	0.48	2	-0.47	3	PAINTED BLOCK
WEST WALL	11	2.5	N/A	N/A	N/A	N/A	6	8	268	13	357	270	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	12	2.5	N/A	N/A	N/A	N/A	4	8	287	13	375	260	-0.99	2	2.18	3	PAINTED BLOCK
WEST WALL	13	2.5	N/A	N/A	N/A	N/A	3	8	296	13	299	240	-0.99	2	0.85	3	PAINTED BLOCK
WEST WALL	14	2.5	N/A	N/A	N/A	N/A	1	8	247	13	362	240	-0.99	2	0.85	3	PAINTED BLOCK
WEST WALL	15	2.5	N/A	N/A	N/A	N/A	2	8	289	13	332	260	-0.99	2	6.17	3	PAINTED BLOCK
EAST WALL	1	2.5	N/A	N/A	N/A	N/A	2	8	326	13	355	280	-0.99	2	-0.47	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-362

Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4

Classification:	5
Survey Type:	UPPER

Survey Date:	4/26/95
Count Date:	8/24/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	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
1601	13	34.6	2.89	240

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

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
EAST WALL	2	2.5	N/A	N/A	N/A	N/A	4	8	256	13	391	250	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	3	2.5	N/A	N/A	N/A	N/A	3	8	305	13	314	260	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	4	2.5	N/A	N/A	N/A	N/A	3	8	292	13	376	270	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	5	2.5	N/A	N/A	N/A	N/A	5	8	304	13	333	260	0.48	2	-0.47	3	PAINTED BLOCK
NORTH WALL	1	2.5	N/A	N/A	N/A	N/A	4	8	295	13	399	270	-0.99	2	2.18	3	PAINTED BLOCK
NORTH WALL	2	2.5	N/A	N/A	N/A	N/A	2	8	270	13	378	240	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	3	2.5	N/A	N/A	N/A	N/A	2	8	259	13	343	260	1.96	2	7.50	3	PAINTED BLOCK
NORTH WALL	4	2.5	N/A	N/A	N/A	N/A	2	8	274	13	339	260	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	5	2.5	N/A	N/A	N/A	N/A	2	8	282	13	344	260	0.48	2	-3.13	3	PAINTED BLOCK
NORTH WALL	6	2.5	N/A	N/A	N/A	N/A	3	8	300	13	384	270	-0.99	2	-4.46	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-362.XLD
Batch Ended: 8/24/95 15:17
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-20-4

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
61	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 14:06
62	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/24/95 14:09
63	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/24/95 14:11
64	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/24/95 14:13
65	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 14:15
66	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 14:17
67	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 14:20
68	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 14:22
69	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/24/95 14:24
70	0.484	1.48	<MDA	7.98	10.16	4.42	<AL	11.67	2.00	0.164	3.82	8/24/95 14:26
71	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 14:29
73	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 14:31
72	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 14:33
74	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/24/95 14:35
75	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/24/95 14:37
76	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/24/95 14:40
77	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 14:42
78	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 14:44
79	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 14:46
80	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 14:49
81	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 14:51
82	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/24/95 14:53
83	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 14:55
84	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 14:57

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-362.XLD
Batch Ended: 8/24/95 15:17
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: 1440

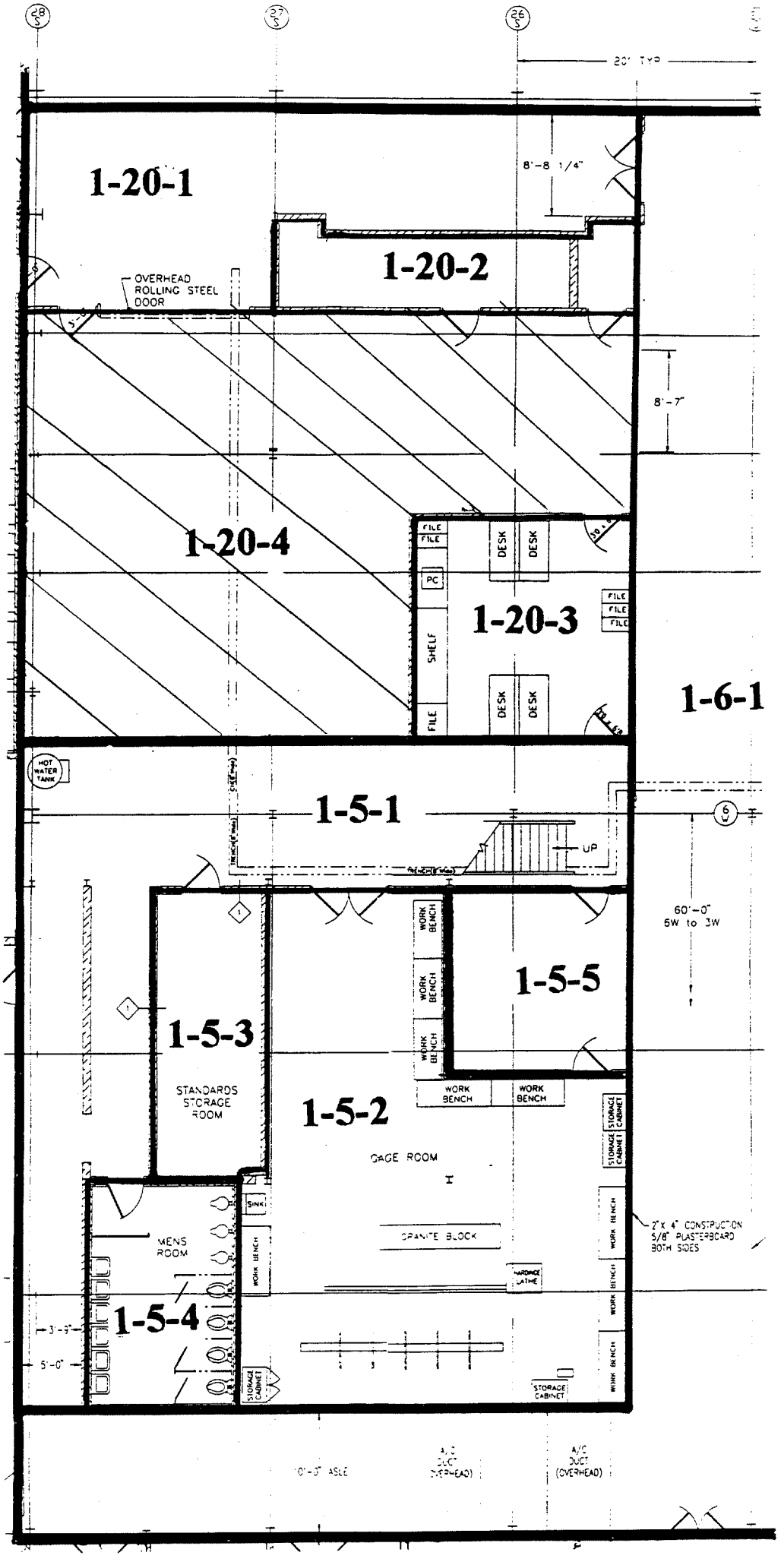
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
85	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/24/95 15:00
86	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 15:02
87	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/24/95 15:04
88	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/24/95 15:06
89	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/24/95 15:08
90	1.956	2.09	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	0.664	2.82	8/24/95 15:11
91	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/24/95 15:13
92	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/24/95 15:15
93	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/24/95 15:17



UNIT: 1-20-4
SN: 01-362
DATE: 4.26.95
BY: CV/VI

Blairsville Point Survey Form #003

Survey Serial #:	01-363
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	4/27/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	234
5245	17	23.3	4.29	60

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 METAL	1	-1	N/A	N/A	N/A	N/A	5	8	267	13	402	250	6.75	2	3.04	3	
PAINTED METAL	2	-1	N/A	N/A	N/A	N/A	1	8	292	13	431	270	-0.74	2	-1.01	3	
PAINTED METAL	2	-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	1300	70	-0.74	2	-2.36	3	I BEAM
PAINTED METAL	3	-1	N/A	N/A	N/A	N/A	2	8	272	13	786	310	0.76	2	-1.01	3	TOP OF LIGHT
PAINTED METAL	4	-1	N/A	N/A	N/A	N/A	1	8	356	13	1660	410	-0.74	2	-1.01	3	I- BEAM
PAINTED METAL	5	-1	N/A	N/A	N/A	N/A	3	8	255	13	1090	340	0.76	2	3.04	3	I- BEAM
PAINTED METAL	5	-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	600	100	-0.74	2	-2.36	3	I- BEAM
PAINTED METAL	1	-2	N/A	N/A	N/A	N/A	0	8	272	13	395	320	-0.74	2	-2.36	3	
PAINTED METAL	2	-2	N/A	N/A	N/A	N/A	1	8	262	13	1440	410	-0.74	2	-1.01	3	I-BEAM
PAINTED METAL	3	-2	N/A	N/A	N/A	N/A	5	8	270	13	1400	330	23.23	2	17.88	3	I-BEAM
PAINTED METAL	4	-2	N/A	N/A	N/A	N/A	3	8	280	13	3690	100	-0.74	2	-5.06	3	I-BEAM
PAINTED METAL	5	-2	N/A	N/A	N/A	N/A	4	8	285	13	485	330	3.76	2	4.39	3	
PAINTED METAL	1	-3	N/A	N/A	N/A	N/A	5	8	211	13	2430	540	-0.74	2	4.39	3	I-BEAM
PAINTED METAL	2	-3	N/A	N/A	N/A	N/A	4	8	245	13	1630	600	-0.74	2	0.34	3	I-BEAM
PAINTED METAL	3	-3	N/A	N/A	N/A	N/A	0	8	322	13	389	310	2.26	2	-1.01	3	I-BEAM
PAINTED METAL	4	-3	N/A	N/A	N/A	N/A	0	8	282	13	2980	530	-0.74	2	3.04	3	I-BEAM
PAINTED METAL	5	-3	N/A	N/A	N/A	N/A	2	8	352	13	2080	430	-0.74	2	-3.71	3	I-BEAM
PAINTED METAL	1	-4	N/A	N/A	N/A	N/A	0	8	266	13	894	280	-0.74	2	-1.01	3	TOP OF LIGHT
PAINTED METAL	2	-4	N/A	N/A	N/A	N/A	2	8	242	13	2940	265	0.76	2	1.69	3	I-BEAM
PAINTED METAL	3	-4	N/A	N/A	N/A	N/A	3	8	262	13	473	250	-0.74	2	1.69	3	I-BEAM
PAINTED METAL	4	-4	N/A	N/A	N/A	N/A	3	8	251	13	2230	280	-0.74	2	-1.01	3	I-BEAM
PAINTED METAL	4	-4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	700	60	-0.74	2	-3.71	3	I-BEAM
PAINTED METAL	5	-4	N/A	N/A	N/A	N/A	2	8	257	13	2080	250	2.26	2	0.34	3	I-BEAM

Blairsville Point Survey Form #003

Survey Serial #:	01-363
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	4/27/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	234
5245	17	23.3	4.29	60

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 METAL	1	-5	N/A	N/A	N/A	N/A	3	8	260	13	432	240	2.26	2	-1.01	3	
PAINTED METAL	2	-5	N/A	N/A	N/A	N/A	0	8	269	13	3650	260	0.76	2	0.34	3	I-BEAM
PAINTED METAL	3	-5	N/A	N/A	N/A	N/A	3	8	231	13	1260	270	-0.74	2	-2.36	3	I-BEAM
PAINTED METAL	4	-5	N/A	N/A	N/A	N/A	2	8	248	13	2530	280		2		3	I-BEAM
PAINTED METAL	5	-5	N/A	N/A	N/A	N/A	1	8	226	13	1360	260		2		3	I-BEAM

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/9/95
Counting Unit Id: 1
Data file name: C:\LBXL\UNIT1\B01-363.XLD
Batch Ended: 5/9/95 13:50
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
42	6.752	3.35	<AL	7.53	3.04	3.31	<MDA	12.28	2.00	2.254	1.13	5/9/95 11:16
43	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 11:18
44	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 11:20
45	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/9/95 11:22
46	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 11:24
47	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/9/95 11:27
48	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 11:29
49	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 11:31
50	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 11:33
51	23.232	6.01	At AL	7.53	17.88	5.58	<AL	12.28	2.00	7.754	6.63	5/9/95 11:35
52	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/9/95 11:38
52	3.756	2.60	<AL	7.53	4.39	3.58	<AL	12.28	2.00	1.254	1.63	5/9/95 13:19
53	-0.738	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	-0.246	1.63	5/9/95 13:22
54	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/9/95 13:24
55	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/9/95 13:26
56	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/9/95 13:28
57	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 13:30
58	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 13:33
59	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/9/95 13:35
60	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 13:37
61	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 13:39
62	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 13:41
63	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/9/95 13:44
64	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/9/95 13:46

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/9/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-363.XLD
Batch Ended: 5/9/95 13:50
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

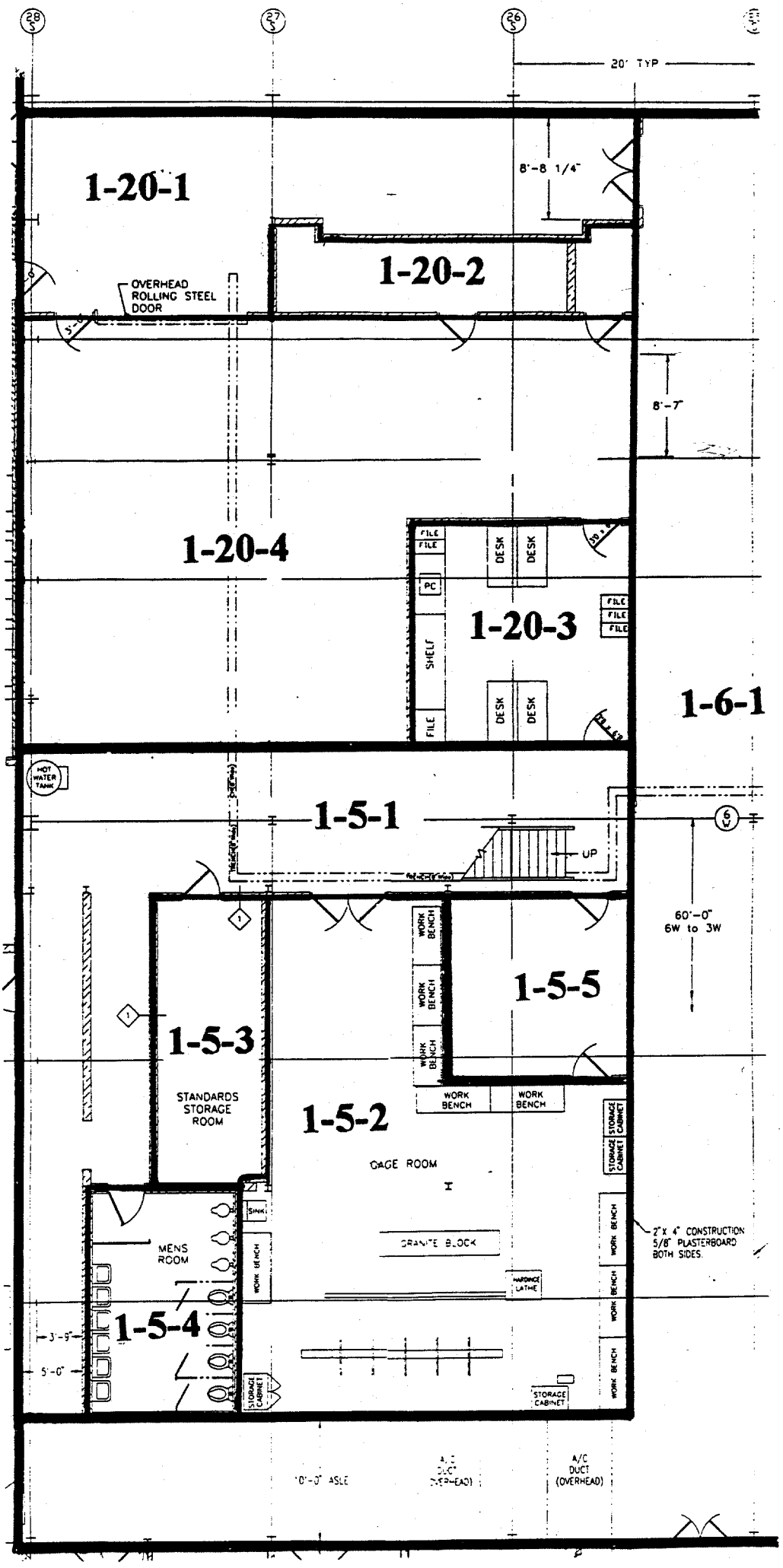
Application Revision: 3
Application Version: Standard

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
65	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 13:48
66	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 13:50



UNIT: 1-20-4
SN: 01363
DATE: 4.27.95
BY: CWT

Blairsville Point Survey Form #003

Survey Serial #:	01-364
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	5/1/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	311

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 METAL	1	-6	N/A	N/A	N/A	N/A	1	8	260	13	533	270	-0.74	2	-3.71	3	TOP OF DUCT
PAINTED METAL	2	-6	N/A	N/A	N/A	N/A	2	8	261	13	1810	280	0.76	2	5.73	3	TOP OF DUCT
PAINTED METAL	3	-6	N/A	N/A	N/A	N/A	5	8	263	13	1550	260	0.76	2	-2.36	3	TOP OF DUCT
PAINTED METAL	4	-6	N/A	N/A	N/A	N/A	1	8	241	13	2480	350	3.76	2	0.34	3	TOP OF DUCT
PAINTED METAL	5	-6	N/A	N/A	N/A	N/A	1	8	207	13	5030	350	0.76	2	1.69	3	TOP OF DUCT
PAINTED METAL	1	-7	N/A	N/A	N/A	N/A	2	8	256	13	449	260	0.76	2	0.34	3	CEILING
PAINTED METAL	2	-7	N/A	N/A	N/A	N/A	3	8	256	13	2490	270	-0.74	2	-1.01	3	CEILING
PAINTED METAL	1	-8	N/A	N/A	N/A	N/A	3	8	233	13	500	230	0.76	2	0.34	3	CEILING
PAINTED METAL	2	-8	N/A	N/A	N/A	N/A	0	8	265	13	1670	250	-0.74	2	-1.01	3	CEILING
PAINTED METAL	1	-9	N/A	N/A	N/A	N/A	5	8	239	13	666	230	2.26	2	-1.01	3	CEILING
PAINTED METAL	2	-9	N/A	N/A	N/A	N/A	1	8	238	13	1070	210	5.25	2	0.34	3	CEILING
PAINTED METAL	1	-10	N/A	N/A	N/A	N/A	5	8	254	13	630	250	8.25	2	23.28	3	CEILING
PAINTED METAL	2	-10	N/A	N/A	N/A	N/A	2	8	247	13	1270	230	5.25	2	3.04	3	CEILING
PAINTED METAL	1	-11	N/A	N/A	N/A	N/A	0	8	246	13	930	260	8.25	2	9.78	3	CEILING
PAINTED METAL	2	-11	N/A	N/A	N/A	N/A	4	8	243	13	1280	270	2.26	2	4.39	3	CEILING
PAINTED METAL	1	-12	N/A	N/A	N/A	N/A	3	8	245	13	3270	260	3.76	2	4.39	3	CEILING
PAINTED METAL	2	-12	N/A	N/A	N/A	N/A	4	8	280	13	2030	250	0.76	2	-2.36	3	CEILING
PAINTED METAL	1	-13	N/A	N/A	N/A	N/A	1	8	304	13	21400	280	2.26	2	1.69	3	CEILING
PAINTED METAL	2	-13	N/A	N/A	N/A	N/A	0	8	306	13	2030	320	-0.74	2	5.73	3	CEILING
PAINTED METAL	1	-14	N/A	N/A	N/A	N/A	4	8	265	13	22200	360	-0.74	2	-2.36	3	CEILING
PAINTED METAL	2	-14	N/A	N/A	N/A	N/A	3	8	294	13	2510	320	2.26	2	0.34	3	I-BEAM
PAINTED METAL	1	-15	N/A	N/A	N/A	N/A	1	8	290	13	11500	350	2.26	2	3.04	3	I-BEAM
PAINTED METAL	2	-15	N/A	N/A	N/A	N/A	3	8	257	13	2000	320	0.76	2	0.34	3	I-BEAM

Blairsville Point Survey Form #003

Survey Serial #:	01-364
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	5/1/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	311

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 METAL	3	-10	N/A	N/A	N/A	N/A	4	8	239	13	502	220	0.76	2	-2.36	3	I-BEAM
PAINTED METAL	4	-10	N/A	N/A	N/A	N/A	1	8	275	13	402	260	-0.74	2	-3.71	3	I-BEAM
PAINTED METAL	3	-11	N/A	N/A	N/A	N/A	0	8	204	13	725	200	2.26	2	8.43	3	I-BEAM
PAINTED METAL	4	-11	N/A	N/A	N/A	N/A	2	8	202	13	384	210	-0.74	2	1.69	3	I-BEAM
PAINTED METAL	3	-12	N/A	N/A	N/A	N/A	4	8	265	13	1100	270	-0.74	2	0.34	3	I-BEAM
PAINTED METAL	4	-12	N/A	N/A	N/A	N/A	4	8	252	13	467	240	-0.74	2	-1.01	3	I-BEAM
PAINTED METAL	3	-13	N/A	N/A	N/A	N/A	3	8	281	13	1610	260	2.26	2	-2.36	3	I-BEAM
PAINTED METAL	4	-13	N/A	N/A	N/A	N/A	3	8	229	13	435	220	0.76	2	-3.71	3	I-BEAM
PAINTED METAL	3	-14	N/A	N/A	N/A	N/A	2	8	264	13	1270	300	-0.74	2	-1.01	3	I-BEAM
PAINTED METAL	4	-14	N/A	N/A	N/A	N/A	0	8	279	13	578	310	0.76	2	0.34	3	I-BEAM
PAINTED METAL	3	-15	N/A	N/A	N/A	N/A	0	8	284	13	1000	300	-0.74	2	-2.36	3	I-BEAM
PAINTED METAL	4	-15	N/A	N/A	N/A	N/A	4	8	259	13	1050	300	0.76	2	3.04	3	I-BEAM
PAINTED METAL	3	-7	N/A	N/A	N/A	N/A	1	8	255	13	363	240	-0.74	2	-1.01	3	I-BEAM
PAINTED METAL	4	-7	N/A	N/A	N/A	N/A	4	8	258	13	882	240	2.26	2	4.39	3	I-BEAM
PAINTED METAL	3	-8	N/A	N/A	N/A	N/A	2	8	354	13	383	230	-0.74	2	-2.36	3	I-BEAM
PAINTED METAL	4	-8	N/A	N/A	N/A	N/A	3	8	270	13	2000	240	0.76	2	4.39	3	I-BEAM
PAINTED METAL	3	-9	N/A	N/A	N/A	N/A	2	8	274	13	1260	260	-0.74	2	1.69	3	I-BEAM
PAINTED METAL	4	-9	N/A	N/A	N/A	N/A	6	8	274	13	2280	260	0.76	2	-2.36	3	I-BEAM

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/9/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-364.XLD
Batch Ended: 5/9/95 11:13
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 1-20-4

	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	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 9:46
2	0.760	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	0.254	2.13	5/9/95 9:48
3	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/9/95 9:50
4	3.756	2.60	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	1.254	0.13	5/9/95 9:52
5	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/9/95 9:54
6	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 9:57
7	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 9:59
8	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 10:01
9	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 10:03
10	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/9/95 10:05
11	5.254	3.00	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	1.754	0.13	5/9/95 10:07
12	8.251	3.67	<AL	7.53	23.28	6.20	<AL	12.28	2.00	2.754	8.63	5/9/95 10:10
13	5.254	3.00	<AL	7.53	3.04	3.31	<MDA	12.28	2.00	1.754	1.13	5/9/95 10:12
14	8.251	3.67	<AL	7.53	9.78	4.49	<AL	12.28	2.00	2.754	3.63	5/9/95 10:14
15	2.258	2.12	<AL	7.53	4.39	3.58	<AL	12.28	2.00	0.754	1.63	5/9/95 10:16
16	3.756	2.60	<AL	7.53	4.39	3.58	<AL	12.28	2.00	1.254	1.63	5/9/95 10:19
17	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/9/95 10:21
18	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	5/9/95 10:23
19	-0.738	1.50	<MDA	7.53	5.73	3.83	<AL	12.28	2.00	-0.246	2.13	5/9/95 10:25
20	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 10:27
21	2.258	2.12	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	0.754	0.13	5/9/95 10:30
22	2.258	2.12	<AL	7.53	3.04	3.31	<MDA	12.28	2.00	0.754	1.13	5/9/95 10:32
23	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 10:34
24	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/9/95 10:36

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/9/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-364.XLD
Batch Ended: 5/9/95 11:13
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

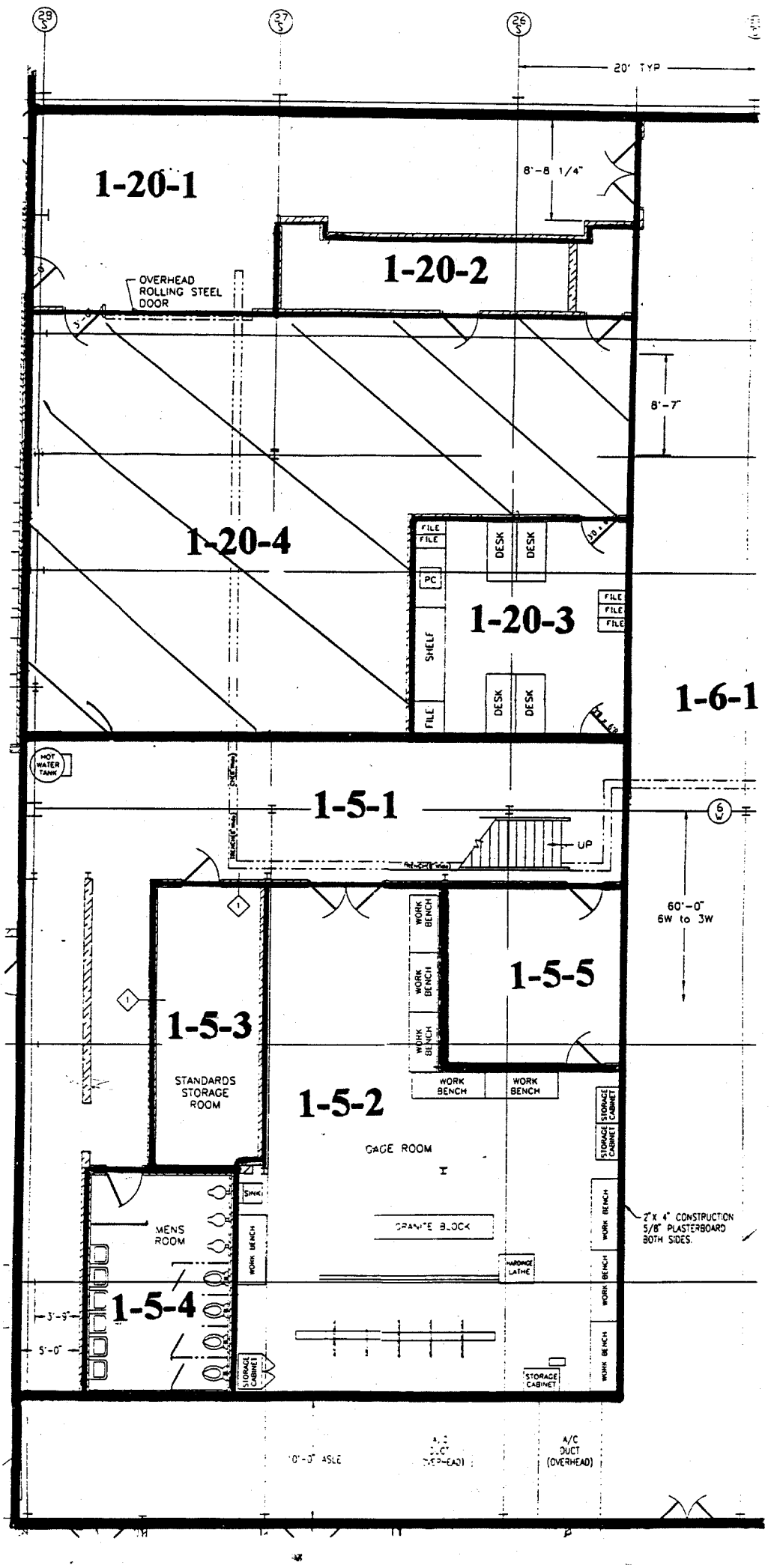
Application Revision: 3
Application Version: Standard

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 1-20-4

	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	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 10:38
26	2.258	2.12	<AL	7.53	8.43	4.28	<AL	12.28	2.00	0.754	3.13	5/9/95 10:40
27	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 10:43
28	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/9/95 10:45
29	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 10:47
30	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/9/95 10:49
31	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/9/95 10:51
32	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 10:54
33	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 10:56
34	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 10:58
35	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/9/95 11:00
36	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 11:02
37	2.258	2.12	<AL	7.53	4.39	3.58	<AL	12.28	2.00	0.754	1.63	5/9/95 11:05
38	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 11:07
39	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/9/95 11:09
40	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 11:11
41	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/9/95 11:13



UNIT: 1-20-4
SIU: 01364
DATE: 5-1-95
BY: CWM

Blairsville Point Survey Form #003

Survey Serial #:	01-365
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	5/3/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	245

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 METAL	5	-12	N/A	N/A	N/A	N/A	1	8	260	13	609	240	-0.74	2	1.69	3	CEILING
PAINTED METAL	6	-12	N/A	N/A	N/A	N/A	5	8	252	13	473	250	0.76	2	0.34	3	CEILING
PAINTED METAL	7	-12	N/A	N/A	N/A	N/A	1	8	276	13	395	220	0.76	2	-2.36	3	CEILING
PAINTED METAL	5	-13	N/A	N/A	N/A	N/A	2	8	280	13	450	260	0.76	2	0.34	3	CEILING
PAINTED METAL	6	-13	N/A	N/A	N/A	N/A	2	8	252	13	402	240	-0.74	2	-1.01	3	CEILING
PAINTED METAL	7	-13	N/A	N/A	N/A	N/A	3	8	263	13	410	220	0.76	2	0.34	3	CEILING
PAINTED METAL	8	-12	N/A	N/A	N/A	N/A	3	8	248	13	430	250	6.75	2	0.34	3	CEILING
PAINTED METAL	9	-12	N/A	N/A	N/A	N/A	3	8	269	13	388	230	6.75	2	4.39	3	CEILING
PAINTED METAL	10	-12	N/A	N/A	N/A	N/A	0	8	247	13	395	230	5.25	2	4.39	3	CEILING
PAINTED METAL	8	-13	N/A	N/A	N/A	N/A	3	8	264	13	406	220	-0.74	2	1.69	3	CEILING
PAINTED METAL	9	-13	N/A	N/A	N/A	N/A	4	8	243	13	365	230	-0.74	2	-2.36	3	CEILING
PAINTED METAL	10	-13	N/A	N/A	N/A	N/A	5	8	279	13	435	260	-0.74	2	-3.71	3	CEILING
PAINTED METAL	11	-12	N/A	N/A	N/A	N/A	2	8	263	13	417	240	2.26	2	-1.01	3	CEILING
PAINTED METAL	11	-13	N/A	N/A	N/A	N/A	2	8	235	13	435	260	0.76	2	-3.71	3	CEILING
PAINTED METAL	5	-14	N/A	N/A	N/A	N/A	4	8	236	13	412	230	-0.74	2	-2.36	3	CEILING
PAINTED METAL	6	-14	N/A	N/A	N/A	N/A	2	8	248	13	375	240	-0.74	2	-2.36	3	CEILING
PAINTED METAL	7	-14	N/A	N/A	N/A	N/A	1	8	247	13	459	250	8.25	2	0.34	3	CEILING
PAINTED METAL	5	-15	N/A	N/A	N/A	N/A	2	8	251	13	1090	240	2.26	2	1.69	3	ON CABLE TRAY
PAINTED METAL	6	-15	N/A	N/A	N/A	N/A	1	8	280	13	772	250	-0.74	2	-5.06	3	CEILING
PAINTED METAL	7	-15	N/A	N/A	N/A	N/A	2	8	258	13	564	230	-0.74	2	-1.01	3	CEILING
PAINTED METAL	8	-14	N/A	N/A	N/A	N/A	2	8	249	13	450	240	-0.74	2	1.69	3	CEILING
PAINTED METAL	9	-14	N/A	N/A	N/A	N/A	1	8	245	13	432	230	0.76	2	3.04	3	CEILING
PAINTED METAL	10	-14	N/A	N/A	N/A	N/A	5	8	265	13	403	240	-0.74	2	-3.71	3	CEILING

Blairsville Point Survey Form #003

Survey Serial #:	01-365
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	5/3/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	245

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 METAL	8	-15	N/A	N/A	N/A	N/A	4	8	233	13	543	220	-0.74	2	-3.71	3	CEILING
PAINTED METAL	9	-15	N/A	N/A	N/A	N/A	1	8	237	13	514	240	-0.74	2	-3.71	3	CEILING
PAINTED METAL	10	-15	N/A	N/A	N/A	N/A	4	8	230	13	469	240	-0.74	2	3.04	3	CEILING
PAINTED METAL	11	-14	N/A	N/A	N/A	N/A	10	8	219	13	504	230	-0.74	2	-1.01	3	CEILING
PAINTED METAL	11	-15	N/A	N/A	N/A	N/A	1	8	257	13	387	250	0.76	2	-1.01	3	CEILING
PAINTED METAL	5	-6	N/A	N/A	N/A	N/A	2	8	315	13	4528	310	-0.74	2	-1.01	3	CEILING
PAINTED METAL	6	-6	N/A	N/A	N/A	N/A	1	8	266	13	2600	290	-0.74	2	-3.71	3	CEILING
PAINTED METAL	7	-6	N/A	N/A	N/A	N/A	0	8	301	13	2350	330	0.76	2	-5.06	3	CEILING
PAINTED METAL	5	-7	N/A	N/A	N/A	N/A	4	8	262	13	7000	280	0.76	2	-2.36	3	CEILING
PAINTED METAL	6	-7	N/A	N/A	N/A	N/A	3	8	273	13	1700	320	0.76	2	-5.06	3	CEILING
PAINTED METAL	7	-7	N/A	N/A	N/A	N/A	2	8	307	13	1750	300	-0.74	2	1.69	3	CEILING
PAINTED METAL	8	-6	N/A	N/A	N/A	N/A	3	8	271	13	436	300	-0.74	2	-5.06	3	CEILING
PAINTED METAL	4	-6	N/A	N/A	N/A	N/A	0	8	244	13	4500	260	2.26	2	17.88	3	CEILING
PAINTED METAL	10	-6	N/A	N/A	N/A	N/A	4	8	273	13	495	290	-0.74	2	1.69	3	CEILING
PAINTED METAL	8	-7	N/A	N/A	N/A	N/A	4	8	260	13	338	270	0.76	2	-3.71	3	CEILING
PAINTED METAL	9	-7	N/A	N/A	N/A	N/A	1	8	303	13	1009	296	-0.74	2	0.34	3	CEILING
PAINTED METAL	10	-7	N/A	N/A	N/A	N/A	2	8	298	13	410	290	-0.74	2	-5.06	3	CEILING
PAINTED METAL	11	-6	N/A	N/A	N/A	N/A	3	8	254	13	1840	270	0.76	2	4.39	3	CEILING
PAINTED METAL	11	-7	N/A	N/A	N/A	N/A	2	8	277	13	908	260	0.76	2	0.34	3	CEILING
PAINTED METAL	5	-8	N/A	N/A	N/A	N/A	0	8	258	13	2800	300	0.76	2	1.69	3	CEILING
PAINTED METAL	6	-8	N/A	N/A	N/A	N/A	3	8	274	13	4220	320	-0.74	2	-1.01	3	CEILING
PAINTED METAL	7	-8	N/A	N/A	N/A	N/A	4	8	271	13	3340	290	-0.74	2	0.34	3	CEILING
PAINTED METAL	5	-9	N/A	N/A	N/A	N/A	1	8	279	13	4920	300	-0.74	2	-2.36	3	CEILING

Blairsville Point Survey Form #003

Survey Serial #:	01-365

Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4

Classification:	5
Survey Type:	UPPER

Survey Date:	5/3/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	245

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 METAL	6	-9	N/A	N/A	N/A	N/A	4	8	301	13	3910	280	-0.74	2	-3.71	3	CEILING
PAINTED METAL	7	-9	N/A	N/A	N/A	N/A	5	8	280	13	4920	310	-0.74	2	0.34	3	CEILING
PAINTED METAL	8	-8	N/A	N/A	N/A	N/A	2	8	251	13	349	280	-0.74	2	1.69	3	CEILING
PAINTED METAL	9	-8	N/A	N/A	N/A	N/A	4	8	255	13	2600	260	-0.74	2	-2.36	3	CEILING
PAINTED METAL	10	-8	N/A	N/A	N/A	N/A	6	8	244	13	422	280	0.76	2	1.69	3	CEILING
PAINTED METAL	11	-8	N/A	N/A	N/A	N/A	5	8	239	13	2730	300	-0.74	2	-3.71	3	CEILING
PAINTED METAL	8	-9	N/A	N/A	N/A	N/A	2	8	262	13	2540	300	-0.74	2	-1.01	3	CEILING
PAINTED METAL	9	-9	N/A	N/A	N/A	N/A	3	8	255	13	682	280	-0.74	2	-2.36	3	CEILING
PAINTED METAL	10	-9	N/A	N/A	N/A	N/A	4	8	275	13	338	240	0.76	2	1.69	3	CEILING
PAINTED METAL	11	-9	N/A	N/A	N/A	N/A	4	8	299	13	538	260	2.26	2	-3.71	3	CEILING
PAINTED METAL	6	-10	N/A	N/A	N/A	N/A	5	8	242	13	396	240	-0.74	2	-3.71	3	CEILING
PAINTED METAL	7	-10	N/A	N/A	N/A	N/A	2	8	255	13	491	260	-0.74	2	-1.01	3	CEILING
PAINTED METAL	8	-10	N/A	N/A	N/A	N/A	3	8	270	13	429	240	0.76	2	0.34	3	CEILING
PAINTED METAL	9	-10	N/A	N/A	N/A	N/A	2	8	279	13	437	230	-0.74	2	-1.01	3	CEILING
PAINTED METAL	10	-10	N/A	N/A	N/A	N/A	3	8	223	13	380	280	-0.74	2	-2.36	3	CEILING
PAINTED METAL	11	-10	N/A	N/A	N/A	N/A	4	8	221	13	429	250	-0.74	2	-3.71	3	CEILING
PAINTED METAL	5	-10	N/A	N/A	N/A	N/A	8	8	260	13	530	260	0.76	2	-5.06	3	CEILING
PAINTED METAL	5	-11	N/A	N/A	N/A	N/A	2	8	256	13	778	260	-0.74	2	-2.36	3	CEILING
PAINTED METAL	6	-11	N/A	N/A	N/A	N/A	2	8	268	13	432	240	-0.74	2	1.69	3	CEILING
PAINTED METAL	7	-11	N/A	N/A	N/A	N/A	4	8	257	13	361	260	-0.74	2	-3.71	3	CEILING
PAINTED METAL	8	-11	N/A	N/A	N/A	N/A	5	8	267	13	315	230	-0.74	2	0.34	3	CEILING
PAINTED METAL	9	-11	N/A	N/A	N/A	N/A	2	8	270	13	373	260	-0.74	2	-1.01	3	CEILING
PAINTED METAL	10	-11	N/A	N/A	N/A	N/A	2	8	262	13	352	260	2.26	2	-2.36	3	CEILING

Blairsville Point Survey Form #003

Survey Serial #:	01-365
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	4
Classification:	5
Survey Type:	UPPER
Survey Date:	5/3/95
Count Date:	5/9/95

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
1601	13	32.1	3.12	245

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 METAL	11	-11	N/A	N/A	N/A	N/A	4	8	228	13	358	260		2		3	CEILING

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/10/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-365.XLD
Batch Ended: 5/9/95 16:22
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 1-20-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
67	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 13:52
68	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 13:55
69	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/9/95 13:57
70	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 13:59
71	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 14:01
72	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 14:03
73	6.752	3.35	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	2.254	0.13	5/9/95 14:06
74	6.752	3.35	<AL	7.53	4.39	3.58	<AL	12.28	2.00	2.254	1.63	5/9/95 14:08
75	5.254	3.00	<AL	7.53	4.39	3.58	<AL	12.28	2.00	1.754	1.63	5/9/95 14:10
76	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 14:12
77	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 14:14
78	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 14:17
79	2.258	2.12	<AL	7.53	-1.01	2.35	<MDA	12.28	2.00	0.754	-0.38	5/9/95 14:19
80	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/9/95 14:21
81	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 14:23
82	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 14:25
83	8.251	3.67	<AL	7.53	0.34	2.71	<MDA	12.28	2.00	2.754	0.13	5/9/95 14:28
84	2.258	2.12	<AL	7.53	1.69	3.03	<MDA	12.28	2.00	0.754	0.63	5/9/95 14:30
85	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/9/95 14:32
86	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 14:34
87	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 14:36
88	0.760	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	0.254	1.13	5/9/95 14:39
89	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 14:41
90	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 14:43

LB5100-W Low Background Counting System -- Smear Analysis

Date: 5/10/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-365.XLD
Batch Ended: 5/9/95 16:22
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 1-20-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
91	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 14:45
92	-0.738	1.50	<MDA	7.53	3.04	3.31	<MDA	12.28	2.00	-0.246	1.13	5/9/95 14:47
93	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 14:50
94	0.760	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	0.254	-0.38	5/9/95 14:52
95	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 14:54
96	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 14:56
97	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/9/95 14:58
98	0.760	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	0.254	-0.88	5/9/95 15:01
99	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/9/95 15:03
100	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 15:05
1	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/9/95 15:07
2	2.258	2.12	<AL	7.53	17.88	5.58	<AL	12.28	2.00	0.754	6.63	5/9/95 15:09
3	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 15:11
4	0.760	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	0.254	-1.38	5/9/95 15:14
5	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/9/95 15:16
6	-0.738	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	-0.246	-1.88	5/9/95 15:18
7	0.760	1.50	<MDA	7.53	4.39	3.58	<AL	12.28	2.00	0.254	1.63	5/9/95 15:20
8	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 15:23
9	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/9/95 15:25
10	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 15:27
11	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/9/95 15:29
12	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 15:31
13	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 15:33
14	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/9/95 15:36

LB5100-W Low Background Counting System – Smear Analysis

Date: 5/10/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-365.XLD
Batch Ended: 5/9/95 16:22
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

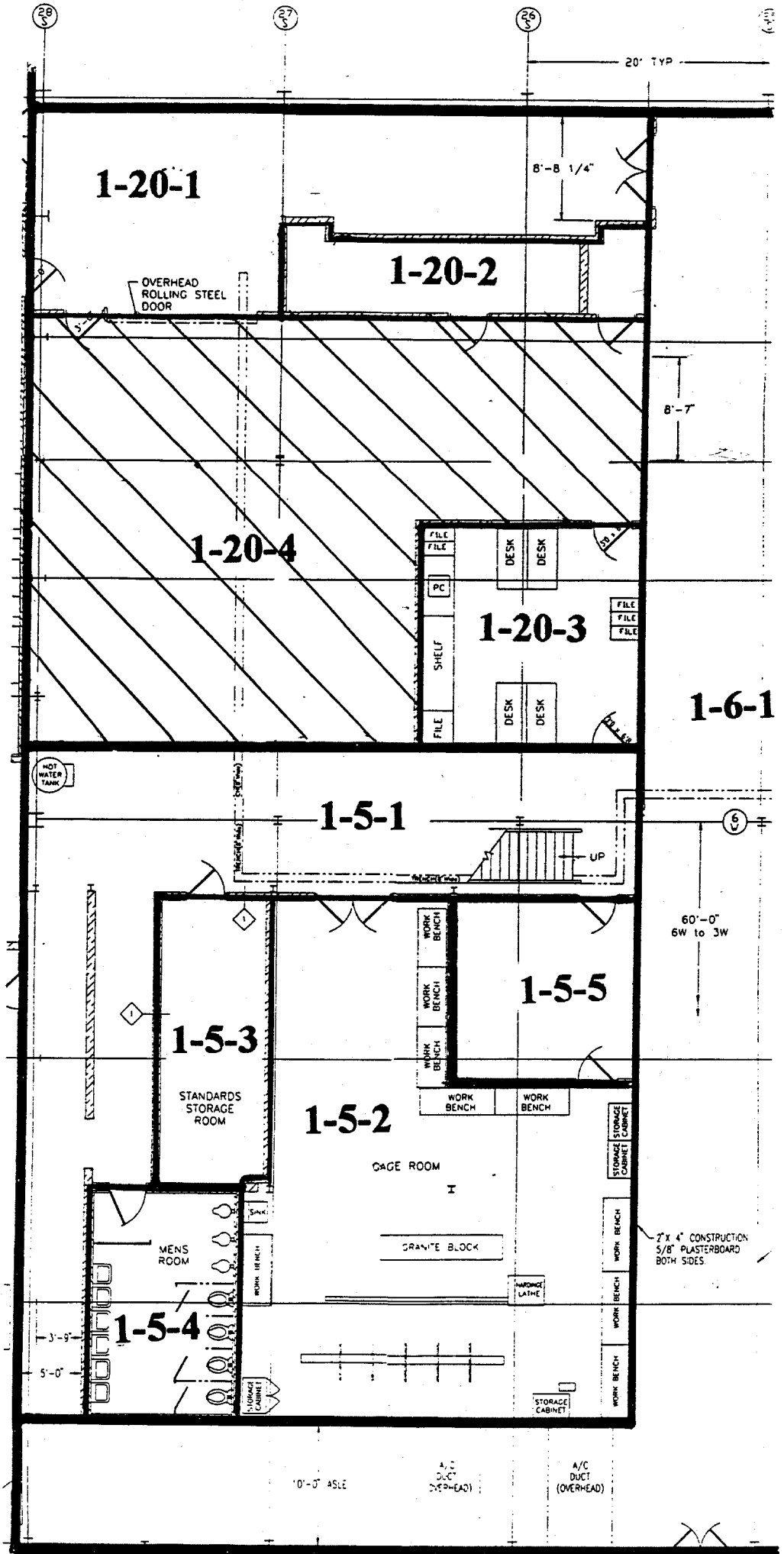
Application Revision: 3
Application Version: Standard

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 1-20-4

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
15	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 15:38
16	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 15:40
17	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/9/95 15:42
18	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 15:44
19	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 15:47
20	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 15:49
21	0.760	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	0.254	0.63	5/9/95 15:51
22	2.258	2.12	<AL	7.53	-3.71	1.37	<MDA	12.28	2.00	0.754	-1.38	5/9/95 15:53
23	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 15:55
24	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 15:58
25	0.760	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	0.254	0.13	5/9/95 16:00
26	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 16:02
27	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 16:04
28	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 16:06
29	0.760	1.50	<MDA	7.53	-5.06	1.37	<MDA	12.28	2.00	0.254	-1.88	5/9/95 16:08
30	-0.738	1.50	<MDA	7.53	-2.36	1.92	<MDA	12.28	2.00	-0.246	-0.88	5/9/95 16:11
31	-0.738	1.50	<MDA	7.53	1.69	3.03	<MDA	12.28	2.00	-0.246	0.63	5/9/95 16:13
32	-0.738	1.50	<MDA	7.53	-3.71	1.37	<MDA	12.28	2.00	-0.246	-1.38	5/9/95 16:15
33	-0.738	1.50	<MDA	7.53	0.34	2.71	<MDA	12.28	2.00	-0.246	0.13	5/9/95 16:17
34	-0.738	1.50	<MDA	7.53	-1.01	2.35	<MDA	12.28	2.00	-0.246	-0.38	5/9/95 16:19
35	2.258	2.12	<AL	7.53	-2.36	1.92	<MDA	12.28	2.00	0.754	-0.88	5/9/95 16:22



5-3-95
1-20-4
SN#-01-365

Blairsville Point Survey Form #003

Survey Serial #:	01-366
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/8/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	259

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	L.SMITH/C.VERGARI/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
CEILING	1	-1	N/A	N/A	N/A	N/A	3	8	231	13	1960	230	-0.99	2	-4.46	3	I BEAM
CEILING	1	-2	N/A	N/A	N/A	N/A	3	8	235	13	1250	280	-0.99	2	-0.47	3	I BEAM
CEILING	1	-3	N/A	N/A	N/A	N/A	2	8	239	13	6800	270	1.96	2	-4.46	3	I BEAM
CEILING	1	-4	N/A	N/A	N/A	N/A	6	8	244	13	916	270	0.48	2	-3.13	3	I BEAM
CEILING	1	-5	N/A	N/A	N/A	N/A	4	8	236	13	617	260	0.48	2	0.85	3	I BEAM
CEILING	1	-6	N/A	N/A	N/A	N/A	3	8	262	13	526	270	-0.99	2	-3.13	3	I BEAM
CEILING	1	-7	N/A	N/A	N/A	N/A	6	8	259	13	888	280	0.48	2	-1.80	3	I BEAM
CEILING	1	-8	N/A	N/A	N/A	N/A	6	8	282	13	699	260	-0.99	2	-3.13	3	I BEAM
CEILING	1	-9	N/A	N/A	N/A	N/A	1	8	293	13	678	250	0.48	2	-0.47	3	I BEAM
CEILING	1	-10	N/A	N/A	N/A	N/A	4	8	259	13	480	260	0.48	2	-0.47	3	I BEAM
CEILING	1	-11	N/A	N/A	N/A	N/A	8	8	240	13	368	230	1.96	2	-1.80	3	I BEAM
CEILING	1	-12	N/A	N/A	N/A	N/A	7	8	252	13	369	230	-0.99	2	-3.13	3	I BEAM
CEILING	1	-13	N/A	N/A	N/A	N/A	3	8	253	13	424	260	-0.99	2	-0.47	3	I BEAM
CEILING	1	-14	N/A	N/A	N/A	N/A	6	8	255	13	429	250	-0.99	2	2.18	3	I BEAM
CEILING	1	-15	N/A	N/A	N/A	N/A	1	8	238	13	492	270	1.96	2	-1.80	3	I BEAM
CEILING	2	-1	N/A	N/A	N/A	N/A	3	8	272	13	1700	280	1.96	2	-0.47	3	I BEAM
CEILING	3	-1	N/A	N/A	N/A	N/A	5	8	244	13	1260	280	-0.99	2	-0.47	3	I BEAM
CEILING	2	-6	N/A	N/A	N/A	N/A	2	8	238	13	1700	230	-0.99	2	-0.47	3	I BEAM
CEILING	2	-7	N/A	N/A	N/A	N/A	4	8	268	13	5670	240	0.48	2	6.17	3	I BEAM
CEILING	2	-8	N/A	N/A	N/A	N/A	3	8	251	13	5290	260	3.43	2	4.84	3	I BEAM
CEILING "I" BEAM	2	-9	N/A	N/A	N/A	N/A	3	8	253	13	2370	290	-0.99	2	7.50	3	PAINTED METAL
CEILING "I" BEAM	2	-10	N/A	N/A	N/A	N/A	1	8	240	13	472	240	-0.99	2	4.84	3	PAINTED METAL
CEILING "I" BEAM	2	-11	N/A	N/A	N/A	N/A	6	8	276	13	441	240	4.90	2	15.48	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-366
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/8/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	259

Gamma or Beta/Gamma Instruments

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

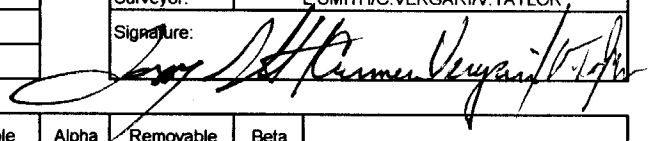
Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor: L.SMITH/C.VERGARI/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
CEILING "I" BEAM	2	-12	N/A	N/A	N/A	N/A	6	8	250	13	418	250	-0.99	2	-4.46	3	PAINTED METAL
CEILING "I" BEAM	2	-13	N/A	N/A	N/A	N/A	0	8	235	13	415	230	-0.99	2	0.85	3	PAINTED METAL
CEILING "I" BEAM	2	-14	N/A	N/A	N/A	N/A	1	8	259	13	442	240	-0.99	2	-3.13	3	PAINTED METAL
CEILING "I" BEAM	2	-15	N/A	N/A	N/A	N/A	2	8	237	13	460	260	1.96	2	2.18	3	PAINTED METAL
CEILING "I" BEAM	3	-6	N/A	N/A	N/A	N/A	6	8	258	13	2130	280	-0.99	2	2.18	3	PAINTED METAL
CEILING "I" BEAM	3	-7	N/A	N/A	N/A	N/A	2	8	268	13	10800	250	-0.99	2	-0.47	3	PAINTED METAL
CEILING "I" BEAM	3	-8	N/A	N/A	N/A	N/A	4	8	241	13	7260	240	-0.99	2	0.85	3	PAINTED METAL
CEILING "I" BEAM	3	-9	N/A	N/A	N/A	N/A	7	8	248	13	1230	260	-0.99	2	3.51	3	PAINTED METAL
CEILING "I" BEAM	3	-10	N/A	N/A	N/A	N/A	1	8	249	13	737	260	0.48	2	-0.47	3	PAINTED METAL
CEILING "I" BEAM	3	-11	N/A	N/A	N/A	N/A	3	8	236	13	653	220	0.48	2	2.18	3	PAINTED METAL
CEILING "I" BEAM	3	-12	N/A	N/A	N/A	N/A	6	8	270	13	526	250	-0.99	2	-0.47	3	PAINTED METAL
CEILING "I" BEAM	3	-13	N/A	N/A	N/A	N/A	7	8	264	13	692	260	3.43	2	-3.13	3	PAINTED METAL
CEILING "I" BEAM	3	-14	N/A	N/A	N/A	N/A	4	8	220	13	528	260	-0.99	2	-0.47	3	PAINTED METAL
CEILING "I" BEAM	3	-15	N/A	N/A	N/A	N/A	1	8	235	13	566	210	4.90	2	11.49	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-366.XLD
Batch Ended: 8/28/95 6:54
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/28/95 5:34
2	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 5:36
3	1.956	2.09	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.664	-1.68	8/28/95 5:39
4	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 5:41
5	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 5:43
6	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 5:45
7	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 5:48
8	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 5:50
9	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 5:52
10	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 5:54
11	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 5:56
12	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 5:59
13	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:01
14	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 6:03
15	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 6:05
16	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/28/95 6:07
17	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:10
18	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:12
19	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/28/95 6:14
20	3.429	2.56	<AL	7.98	4.84	3.53	<AL	11.67	2.00	1.164	1.82	8/28/95 6:16
21	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/28/95 6:19
22	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/28/95 6:21
23	4.901	2.95	<AL	7.98	15.48	5.17	<AL	11.67	2.00	1.664	5.82	8/28/95 6:23
24	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/28/95 6:25

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-366.XLD
Batch Ended: 8/28/95 6:54
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: 1440

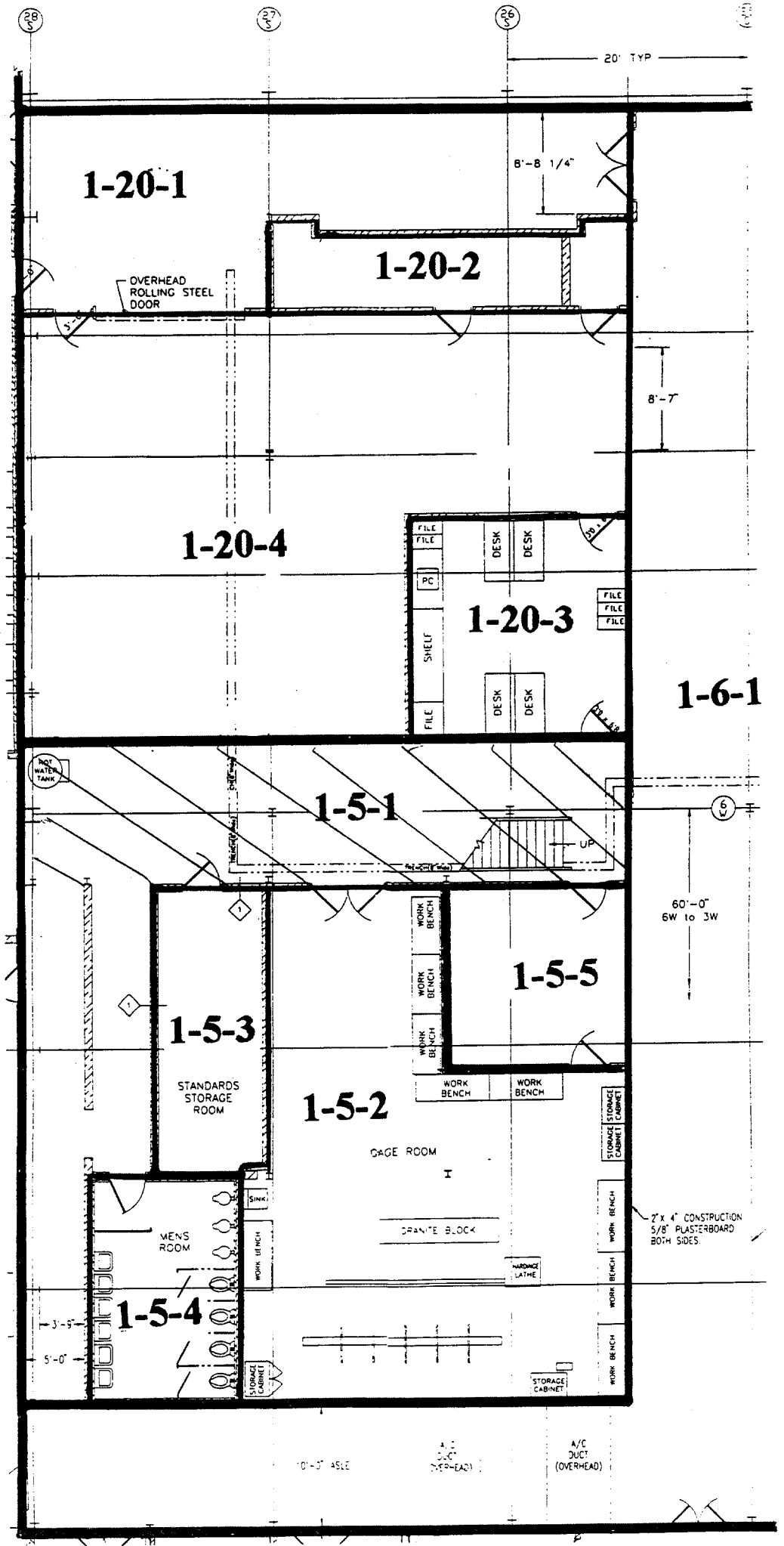
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 6:27
26	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 6:30
27	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/28/95 6:32
28	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 6:34
29	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:36
30	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 6:39
31	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/28/95 6:41
32	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 6:43
33	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 6:45
34	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:47
35	3.429	2.56	<AL	7.98	-3.13	1.36	<MDA	11.67	2.00	1.164	-1.18	8/28/95 6:50
36	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:52
37	4.901	2.95	<AL	7.98	11.49	4.62	<AL	11.67	2.00	1.664	4.32	8/28/95 6:54



COUNT: 1-5-1
SN: 01866
DATE: 5-8-95
BY: LS/CW/AT

Blairsville Point Survey Form #003

Survey Serial #:	01-367
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/9/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	307

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	11	-13	N/A	N/A	N/A	N/A	1	7	311	13	637	320	1.96	2	3.51	3	PAINTED METAL
CEILING	10	-13	N/A	N/A	N/A	N/A	2	7	322	13	643	300	-0.99	2	-0.47	3	PAINTED METAL
CEILING	9	-13	N/A	N/A	N/A	N/A	1	7	313	13	577	320	-0.99	2	3.51	3	PAINTED METAL
CEILING	8	-13	N/A	N/A	N/A	N/A	2	7	328	13	898	290	0.48	2	6.17	3	PAINTED METAL
CEILING	7	-13	N/A	N/A	N/A	N/A	1	7	327	13	653	280	-0.99	2	-0.47	3	PAINTED METAL
CEILING	6	-13	N/A	N/A	N/A	N/A	1	7	336	13	1310	290	0.48	2	-1.80	3	PAINTED METAL
CEILING	5	-13	N/A	N/A	N/A	N/A	3	7	293	13	2080	300	-0.99	2	0.85	3	PAINTED METAL
CEILING	4	-13	N/A	N/A	N/A	N/A	1	7	321	13	840	320	-0.99	2	-0.47	3	PAINTED METAL
NORTH WALL	1	3	N/A	N/A	N/A	N/A	3	7	289	13	734	275	-0.99	2	3.51	3	PAINTED BLOCK
NORTH WALL	2	3	N/A	N/A	N/A	N/A	4	7	262	13	481	280	-0.99	2	-3.13	3	PAINTED BLOCK
NORTH WALL	3	3	N/A	N/A	N/A	N/A	2	7	266	13	593	250	3.43	2	-1.80	3	PAINTED BLOCK
NORTH WALL	4	3	N/A	N/A	N/A	N/A	0	7	278	13	1000	250	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	5	3	N/A	N/A	N/A	N/A	0	7	270	13	424	260	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	6	3	N/A	N/A	N/A	N/A	2	7	254	13	774	270	1.96	2	-0.47	3	PAINTED BLOCK
NORTH WALL	7	3	N/A	N/A	N/A	N/A	2	7	246	13	381	250	0.48	2	0.85	3	PAINTED BLOCK
NORTH WALL	8	3	N/A	N/A	N/A	N/A	1	7	338	13	488	270	1.96	2	2.18	3	PAINTED BLOCK
NORTH WALL	9	3	N/A	N/A	N/A	N/A	1	7	294	13	510	320	0.48	2	-3.13	3	PAINTED BLOCK
NORTH WALL	10	3	N/A	N/A	N/A	N/A	1	7	315	13	449	290	-0.99	2	-0.47	3	PAINTED BLOCK
NORTH WALL	11	3	N/A	N/A	N/A	N/A	1	7	297	13	436	290	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	12	3	N/A	N/A	N/A	N/A	0	7	320	13	580	310	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	13	3	N/A	N/A	N/A	N/A	4	7	330	13	480	270	4.90	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	1	2.5	N/A	N/A	N/A	N/A	2	7	306	13	430	290	0.48	2	2.18	3	PAINTED BLOCK
SOUTH WALL	2	2.5	N/A	N/A	N/A	N/A	0	7	317	13	495	280	0.48	2	-3.13	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-367
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/9/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	307

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
SOUTH WALL	3	2.5	N/A	N/A	N/A	N/A	1	7	322	13	445	280	0.48	2	0.85	3	PAINTED BLOCK
SOUTH WALL	4	2.5	N/A	N/A	N/A	N/A	1	7	221	13	571	250	0.48	2	3.51	3	PAINTED BLOCK
SOUTH WALL	5	2.5	N/A	N/A	N/A	N/A	1	7	294	13	600	280	0.48	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	6	2.5	N/A	N/A	N/A	N/A	2	7	306	13	524	250	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	7	2.5	N/A	N/A	N/A	N/A	2	7	268	13	728	260	-0.99	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	8	2.5	N/A	N/A	N/A	N/A	0	7	260	13	256	240	0.48	2	0.85	3	PAINTED BLOCK
SOUTH WALL	9	2.5	N/A	N/A	N/A	N/A	0	7	272	13	492	260	-0.99	2	2.18	3	PAINTED BLOCK
SOUTH WALL	10	2.5	N/A	N/A	N/A	N/A	2	7	270	13	416	260	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	11	2.5	N/A	N/A	N/A	N/A	2	7	250	13	916	240	-0.99	2	3.51	3	PAINTED BLOCK
O/U I BEAM	12	2.5	N/A	N/A	N/A	N/A	2	7	332	13	8180	260	-0.99	2	-1.80	3	
O/U I BEAM	13	2.5	N/A	N/A	N/A	N/A	1	7	263	13	2350	240	3.43	2	0.85	3	

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-367.XLD
Batch Ended: 8/28/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
39	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/28/95 6:56
38	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 6:59
40	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/28/95 7:01
41	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/28/95 7:03
42	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 7:05
43	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 7:07
44	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 7:09
45	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 7:12
46	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/28/95 7:14
47	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 7:16
48	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/28/95 7:18
49	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 7:21
50	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 7:23
51	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/28/95 7:25
52	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 7:27
53	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/28/95 7:30
54	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 7:32
55	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 7:34
56	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 7:36
57	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 7:38
58	4.901	2.95	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.664	-0.68	8/28/95 7:41
59	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 7:43
60	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 7:45
61	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 7:47

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-367.XLD
Batch Ended: 8/28/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
62	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/28/95 7:49
63	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 7:52
64	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 7:54
24	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 7:56
66	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 7:58
67	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 8:00
68	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 8:03
69	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/28/95 8:05
70	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 8:07
71	3.429	2.56	<AL	7.98	0.85	2.68	<MDA	11.67	2.00	1.164	0.32	8/28/95 8:09

Blairsville Point Survey Form #003

Survey Serial #:	01-368
Survey Section:	1
Survey Unit:	34
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	5/11/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	302

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	4	-6	N/A	N/A	N/A	N/A	3	7	381	13	434	330	-0.99	2	2.18	3	PAINTED METAL
CEILING	3	-6	N/A	N/A	N/A	N/A	1	7	357	13	451	330	-0.99	2	3.51	3	PAINTED METAL
CEILING	2	-6	N/A	N/A	N/A	N/A	1	7	350	13	382	320	-0.99	2	-1.80	3	PAINTED METAL
CEILING	1	-6	N/A	N/A	N/A	N/A	2	7	367	13	492	340	0.48	2	-0.47	3	PAINTED METAL
CEILING	0	-6	N/A	N/A	N/A	N/A	1	7	399	13	401	320	0.48	2	-3.13	3	PAINTED METAL
CEILING	-1	-6	N/A	N/A	N/A	N/A	2	7	341	13	460	300	-0.99	2	-3.13	3	PAINTED METAL
CEILING	-2	-6	N/A	N/A	N/A	N/A	7	7	426	13	459	340	-0.99	2	2.18	3	PAINTED METAL
CEILING	-3	-6	N/A	N/A	N/A	N/A	2	7	351	13	440	320	-0.99	2	-1.80	3	PAINTED METAL
CEILING	2	-8	N/A	N/A	N/A	N/A	3	7	336	13	472	340	-0.99	2	-0.47	3	PAINTED METAL
CEILING	3	-8	N/A	N/A	N/A	N/A	0	7	347	13	415	320	0.48	2	2.18	3	PAINTED METAL
CEILING	4	-8	N/A	N/A	N/A	N/A	3	7	345	13	430	330	-0.99	2	-3.13	3	PAINTED METAL
CEILING	5	-8	N/A	N/A	N/A	N/A	1	7	360	13	468	320	-0.99	2	-4.46	3	PAINTED METAL
CEILING	6	-8	N/A	N/A	N/A	N/A	1	7	325	13	492	330	-0.99	2	2.18	3	PAINTED METAL
CEILING	7	-8	N/A	N/A	N/A	N/A	0	7	328	13	443	310	-0.99	2	-0.47	3	PAINTED METAL
CEILING	8	-8	N/A	N/A	N/A	N/A	0	7	342	13	510	330	-0.99	2	-0.47	3	PAINTED METAL
CEILING	2	-10	N/A	N/A	N/A	N/A	0	7	301	13	426	300	-0.99	2	4.84	3	PAINTED METAL
CEILING	3	-10	N/A	N/A	N/A	N/A	2	7	341	13	416	300	0.48	2	-4.46	3	PAINTED METAL
CEILING	4	-10	N/A	N/A	N/A	N/A	2	7	304	13	413	330	-0.99	2	-0.47	3	PAINTED METAL
CEILING	5	-10	N/A	N/A	N/A	N/A	1	7	358	13	401	300	0.48	2	0.85	3	PAINTED METAL
CEILING	6	-10	N/A	N/A	N/A	N/A	1	7	337	13	436	290	-0.99	2	2.18	3	PAINTED METAL
CEILING	1	-2	N/A	N/A	N/A	N/A	2	7	373	13	437	300	-0.99	2	-3.13	3	PAINTED METAL
CEILING	2	-2	N/A	N/A	N/A	N/A	2	7	339	13	473	320	-0.99	2	-0.47	3	PAINTED METAL
CEILING	3	-2	N/A	N/A	N/A	N/A	2	7	363	13	443	330	-0.99	2	-4.46	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-368
Survey Section:	1
Survey Unit:	34
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	5/11/95
Count Date:	8/28/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	1

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	302

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	33.96	2.94	0.34

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

Surveyor:	A.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
CEILING	4	-2	N/A	N/A	N/A	N/A	2	7	341	13	466	300	-0.99	2	-1.80	3	PAINTED METAL
CEILING	5	-2	N/A	N/A	N/A	N/A	0	7	318	13	457	310	-0.99	2	-1.80	3	PAINTED METAL
CEILING	6	-2	N/A	N/A	N/A	N/A	0	7	332	13	438	280	-0.99	2	2.18	3	PAINTED METAL
CEILING	7	-2	N/A	N/A	N/A	N/A	2	7	348	13	445	340	-0.99	2	0.85	3	PAINTED METAL
CEILING	8	-2	N/A	N/A	N/A	N/A	3	7	344	13	400	330	-0.99	2	-3.13	3	PAINTED METAL
CEILING	1	-4	N/A	N/A	N/A	N/A	1	7	349	13	435	300	-0.99	2	-0.47	3	PAINTED METAL
CEILING	2	-4	N/A	N/A	N/A	N/A	1	7	376	13	422	320	-0.99	2	-1.80	3	PAINTED METAL
CEILING	3	-4	N/A	N/A	N/A	N/A	1	7	348	13	455	300	-0.99	2	2.18	3	PAINTED METAL
CEILING	4	-4	N/A	N/A	N/A	N/A	2	7	384	13	486	320	-0.99	2	2.18	3	PAINTED METAL
CEILING	5	-4	N/A	N/A	N/A	N/A	1	7	350	13	451	310	-0.99	2	0.85	3	PAINTED METAL
CEILING	6	-4	N/A	N/A	N/A	N/A	3	7	341	13	484	330	0.48	2	-3.13	3	PAINTED METAL
CEILING	7	-4	N/A	N/A	N/A	N/A	2	7	376	13	449	300	-0.99	2	2.18	3	PAINTED METAL
CEILING	8	-4	N/A	N/A	N/A	N/A	2	7	391	13	618	320	0.48	2	3.51	3	PAINTED METAL
CEILING	8	-6	N/A	N/A	N/A	N/A	1	7	355	13	462	300	-0.99	2	2.18	3	PAINTED METAL
CEILING	7	-6	N/A	N/A	N/A	N/A	0	7	372	13	502	330	-0.99	2	-3.13	3	PAINTED METAL
CEILING	6	-6	N/A	N/A	N/A	N/A	2	7	347	13	449	290	-0.99	2	-4.46	3	PAINTED METAL
CEILING	5	-6	N/A	N/A	N/A	N/A	1	7	368	13	447	340	0.48	2	2.18	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-368.XLD
Batch Ended: 8/28/95 9:38
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
73	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 8:12
72	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/28/95 8:14
74	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 8:16
75	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 8:18
76	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 8:20
77	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 8:23
78	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 8:25
79	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 8:27
80	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 8:29
81	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 8:32
82	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 8:34
83	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/28/95 8:36
84	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 8:38
85	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 8:40
86	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 8:43
87	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/28/95 8:45
88	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/28/95 8:47
89	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 8:49
90	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 8:51
91	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 8:54
92	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 8:56
93	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 8:58
94	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/28/95 9:00
95	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 9:03

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-368.XLD
Batch Ended: 8/28/95 9:38
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

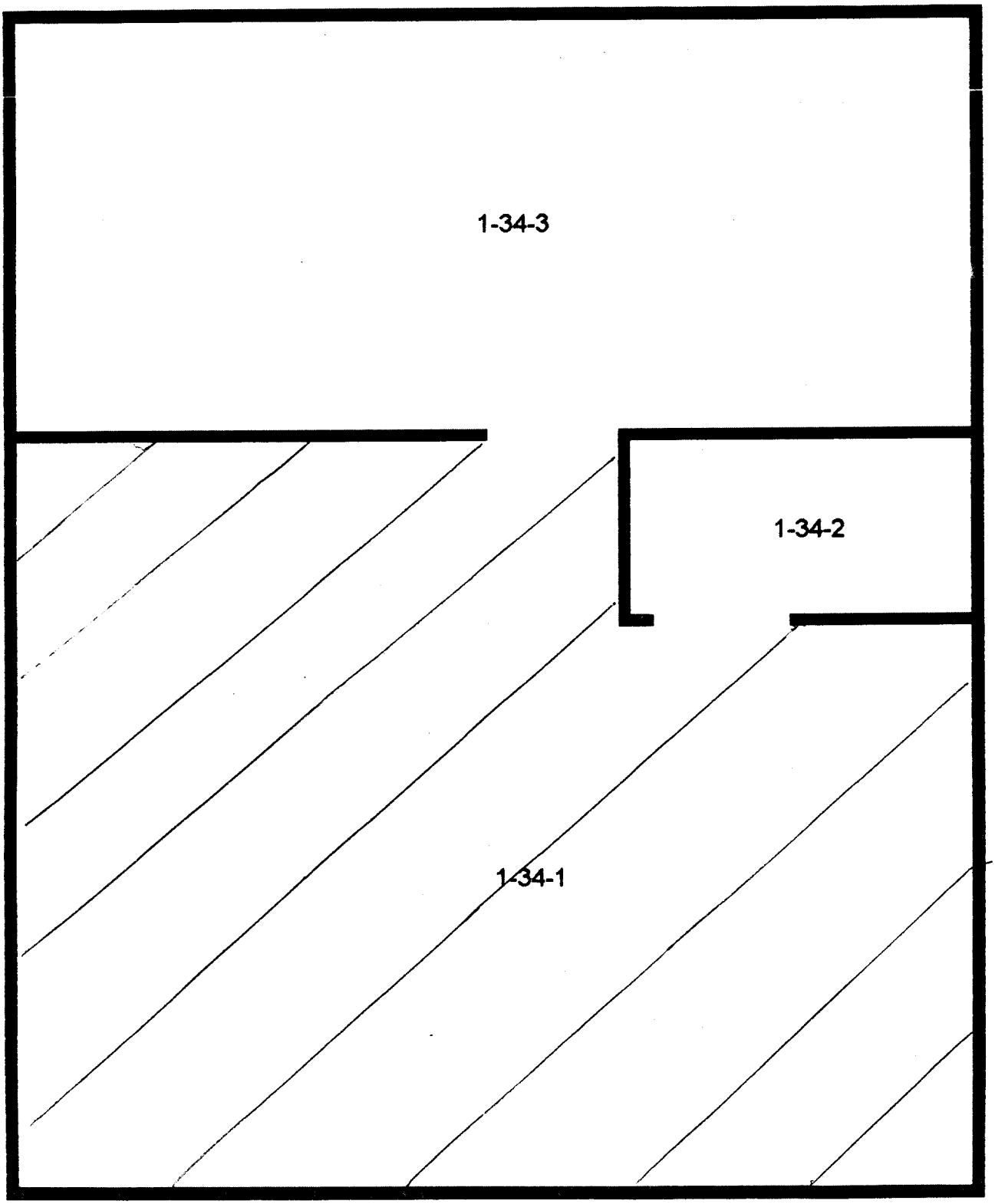
Batch ID: BLAIRSVILLE 1-34-1

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
96	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 9:05
97	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 9:07
98	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 9:09
99	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 9:11
100	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 9:14
1	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 9:16
2	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 9:18
3	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 9:20
4	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 9:22
5	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 9:25
6	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 9:27
7	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/28/95 9:29
8	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 9:31
9	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 9:33
10	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/28/95 9:36
11	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 9:38

UNIT: 1 34 1
CN: 01-368
DATE: 5-11-95
BY: CV/VT

SURVEY UNIT 1-34
ATTACHMENT MAP

BUILDING NORTH →



Blairsville Point Survey Form #003

Survey Serial #:	01-369
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/15/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	270

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	1	-1	N/A	N/A	N/A	N/A	3	7	253	13	362	230	10.79	2	10.16	3	PAINTED METAL
CEILING	1	-2	N/A	N/A	N/A	N/A	1	7	251	13	344	240	-0.99	2	-1.80	3	PAINTED METAL
CEILING	1	-3	N/A	N/A	N/A	N/A	1	7	261	13	422	260	0.48	2	4.84	3	PAINTED METAL
CEILING	1	-4	N/A	N/A	N/A	N/A	2	7	220	13	374	220	0.48	2	0.85	3	PAINTED METAL
CEILING	1	-5	N/A	N/A	N/A	N/A	1	7	201	13	386	230	1.96	2	3.51	3	PAINTED METAL
CEILING	1	-6	N/A	N/A	N/A	N/A	1	7	246	13	424	220	0.48	2	-3.13	3	PAINTED METAL
CEILING	1	-7	N/A	N/A	N/A	N/A	2	7	234	13	307	210	-0.99	2	0.85	3	PAINTED METAL
CEILING	1	-8	N/A	N/A	N/A	N/A	0	7	260	13	396	230	-0.99	2	0.85	3	PAINTED METAL
CEILING	1	-9	N/A	N/A	N/A	N/A	2	7	233	13	527	220	0.48	2	2.18	3	PAINTED METAL
CEILING	1	-10	N/A	N/A	N/A	N/A	3	7	211	13	742	230	1.96	2	6.17	3	PAINTED METAL
CEILING	1	-11	N/A	N/A	N/A	N/A	3	7	247	13	786	200	3.43	2	-4.46	3	PAINTED METAL
CEILING	1	-12	N/A	N/A	N/A	N/A	1	7	254	13	465	240	0.48	2	2.18	3	PAINTED METAL
CEILING	1	-13	N/A	N/A	N/A	N/A	1	7	300	13	740	240	1.96	2	7.50	3	PAINTED METAL
CEILING	1	-14	N/A	N/A	N/A	N/A	2	7	224	13	1320	230	1.96	2	-1.80	3	ON LIGHT
CEILING	1	-15	N/A	N/A	N/A	N/A	2	7	235	13	1470	240	1.96	2	2.18	3	ON CABLE TRAY
CEILING	2	-1	N/A	N/A	N/A	N/A	2	7	238	13	370	220	0.48	2	0.85	3	PAINTED METAL
CEILING	2	-2	N/A	N/A	N/A	N/A	2	7	246	13	387	210	0.48	2	-3.13	3	PAINTED METAL
CEILING	2	-3	N/A	N/A	N/A	N/A	1	7	226	13	397	230	4.90	2	7.50	3	PAINTED METAL
CEILING	2	-4	N/A	N/A	N/A	N/A	1	7	228	13	399	220	3.43	2	-0.47	3	PAINTED METAL
CEILING	2	-5	N/A	N/A	N/A	N/A	3	7	250	13	457	240	-0.99	2	-3.13	3	PAINTED METAL
CEILING	2	-6	N/A	N/A	N/A	N/A	3	7	261	13	369	240	-0.99	2	-1.80	3	PAINTED METAL
CEILING	2	-7	N/A	N/A	N/A	N/A	0	7	234	13	377	220	0.48	2	3.51	3	PAINTED METAL
CEILING	2	-8	N/A	N/A	N/A	N/A	3	7	260	13	464	210	0.48	2	2.18	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-369
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/15/95
Count Date:	8/28/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	270

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	33.96	2.94	0.34

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

Surveyor:	A.V.TAYLOR/C.VERGARI
Signature:	Carmen Vergari A. 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
CEILING	2	-9	N/A	N/A	N/A	N/A	3	7	217	13	545	230	1.96	2	2.18	3	PAINTED METAL
CEILING	2	-10	N/A	N/A	N/A	N/A	1	7	224	13	1060	240	1.96	2	0.85	3	"I" BEAM
CEILING	2	-11	N/A	N/A	N/A	N/A	1	7	244	13	1160	230	1.96	2	0.85	3	"I" BEAM
CEILING	2	-12	N/A	N/A	N/A	N/A	2	7	253	13	1620	240	-0.99	2	3.51	3	"I" BEAM
CEILING	2	-13	N/A	N/A	N/A	N/A	0	7	288	13	1530	250	0.48	2	0.85	3	"I" BEAM
CEILING	2	-14	N/A	N/A	N/A	N/A	3	7	272	13	1690	220	0.48	2	-1.80	3	"I" BEAM
CEILING	2	-15	N/A	N/A	N/A	N/A	2	7	241	13	2900	240	3.43	2	-1.80	3	"I" BEAM
CEILING	3	-10	N/A	N/A	N/A	N/A	0	7	224	13	1210	240	-0.99	2	-1.80	3	"I" BEAM
CEILING	3	-11	N/A	N/A	N/A	N/A	0	7	263	13	729	260	21.10	2	32.77	3	"I" BEAM
CEILING	3	-12	N/A	N/A	N/A	N/A	1	7	249	13	1250	240	-0.99	2	2.18	3	"I" BEAM
CEILING	3	-13	N/A	N/A	N/A	N/A	2	7	266	13	1480	240	0.48	2	-0.47	3	"I" BEAM
CEILING	3	-14	N/A	N/A	N/A	N/A	1	7	248	13	1270	250	-0.99	2	-1.80	3	"I" BEAM
CEILING	3	-15	N/A	N/A	N/A	N/A	2	7	246	13	2910	240	0.48	2	4.84	3	"I" BEAM
CEILING	4	-10	N/A	N/A	N/A	N/A	2	7	259	13	1680	280	3.43	2	4.84	3	"I" BEAM
CEILING	4	-11	N/A	N/A	N/A	N/A	1	7	224	13	2910	260	1.96	2	-1.80	3	"I" BEAM
CEILING	4	-12	N/A	N/A	N/A	N/A	0	7	275	13	5430	280	1.96	2	2.18	3	"I" BEAM
CEILING	4	-13	N/A	N/A	N/A	N/A	7	7	255	13	10000	320	0.48	2	-0.47	3	"I" BEAM
CEILING	4	-14	N/A	N/A	N/A	N/A	18	7	295	13	11500	400	-0.99	2	4.84	3	"I" BEAM
CEILING	4	-15	N/A	N/A	N/A	N/A	12	7	276	13	9760	500	0.48	2	-1.80	3	"I" BEAM
CEILING	5	-10	N/A	N/A	N/A	N/A	8	7	245	13	1450	270	-0.99	2	2.18	3	"I" BEAM
CEILING	5	-11	N/A	N/A	N/A	N/A	2	7	226	13	1160	260	12.26	2	4.84	3	"I" BEAM
CEILING	5	-12	N/A	N/A	N/A	N/A	2	7	263	13	7200	240	1.96	2	-0.47	3	"I" BEAM
CEILING	5	-13	N/A	N/A	N/A	N/A	3	7	287	13	33000	400	-0.99	2	-0.47	3	"I" BEAM

Blairsville Point Survey Form #003

Survey Serial #:	01-369
Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	5/15/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	270

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	5	-14	N/A	N/A	N/A	N/A	1	7	368	13	39600	290	0.48	2	-0.47	3	"I" BEAM
CEILING	5	-15	N/A	N/A	N/A	N/A	0	7	313	13	24200	400	1.96	2	-1.80	3	"I" BEAM

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-369.XLD
Batch Ended: 8/28/95 11:24
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
12	10.791	4.17	<AL	7.98	10.16	4.42	<AL	11.67	2.00	3.664	3.82	8/28/95 9:40
13	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 9:42
14	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/28/95 9:45
15	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 9:47
16	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/28/95 9:49
17	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 9:51
18	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 9:54
19	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 9:56
20	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 9:58
21	1.956	2.09	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.664	2.32	8/28/95 10:00
22	3.429	2.56	<AL	7.98	-4.46	1.36	<MDA	11.67	2.00	1.164	-1.68	8/28/95 10:02
23	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 10:05
24	1.956	2.09	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	0.664	2.82	8/28/95 10:07
25	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 10:09
26	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/28/95 10:11
27	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 10:13
28	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 10:16
29	4.901	2.95	<AL	7.98	7.50	4.00	<AL	11.67	2.00	1.664	2.82	8/28/95 10:18
30	3.429	2.56	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	1.164	-0.18	8/28/95 10:20
31	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 10:22
32	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 10:24
33	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/28/95 10:27
34	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/28/95 10:29
35	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/28/95 10:31

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-369.XLD
Batch Ended: 8/28/95 11:24
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: 1440

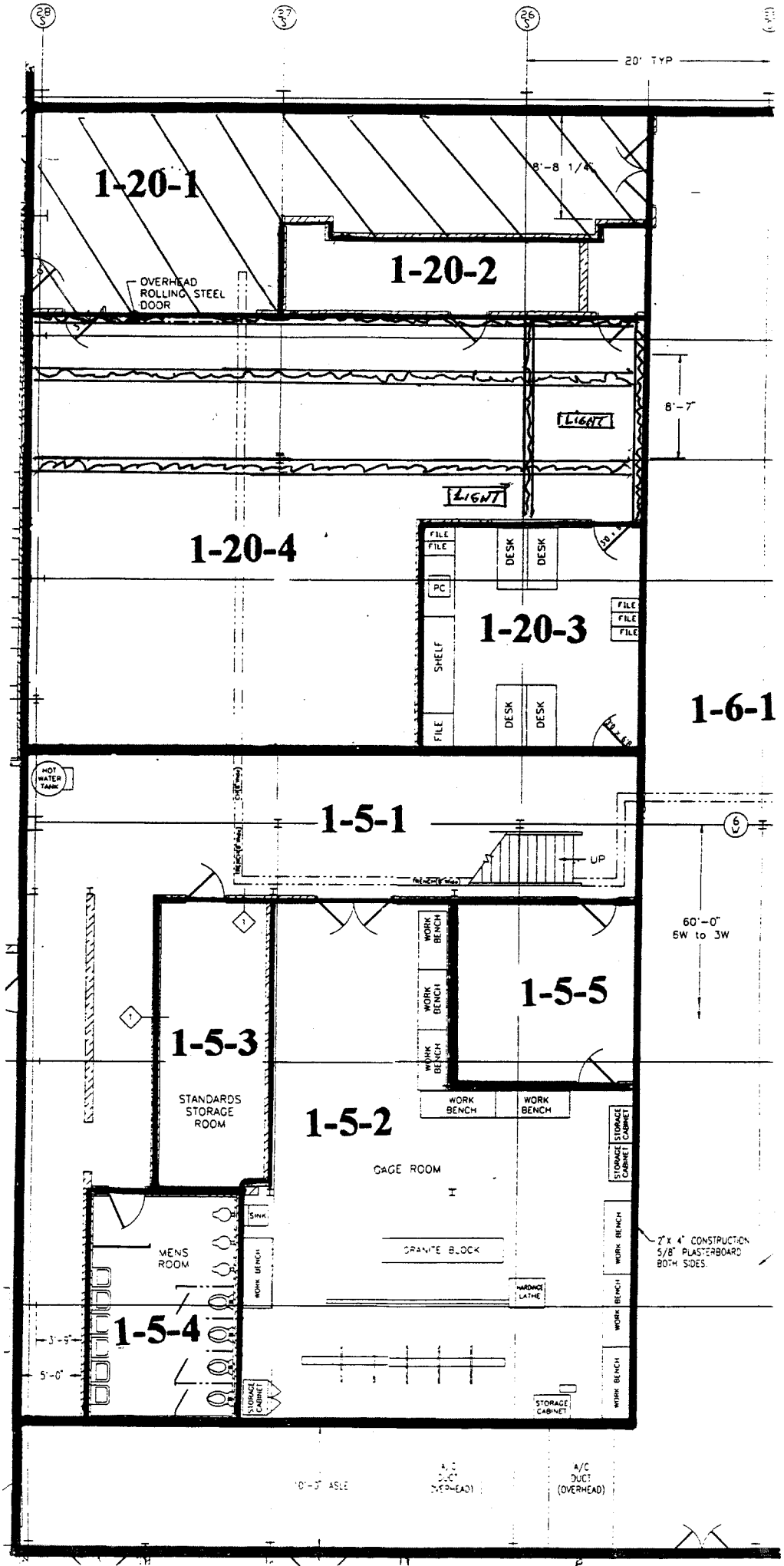
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
36	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/28/95 10:33
37	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/28/95 10:36
39	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/28/95 10:38
38	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 10:40
40	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 10:42
41	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/28/95 10:44
42	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 10:47
43	21.099	5.72	At AL	7.98	32.77	7.07	<AL	11.67	2.00	7.164	12.32	8/28/95 10:49
44	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 10:51
45	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 10:53
46	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 10:55
47	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/28/95 10:58
48	3.429	2.56	<AL	7.98	4.84	3.53	<AL	11.67	2.00	1.164	1.82	8/28/95 11:00
49	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 11:02
50	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/28/95 11:04
1	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 11:07
2	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/28/95 11:09
3	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 11:11
4	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/28/95 11:13
5	12.264	4.43	<AL	7.98	4.84	3.53	<AL	11.67	2.00	4.164	1.82	8/28/95 11:15
6	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/28/95 11:18
7	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 11:20
8	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 11:22
9	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 11:24



UNIT: 1-20-1
SN: 01369
DATE: 5-15-95
BY: CWHT

Blairsville Point Survey Form #003

Survey Serial #:	01-370

Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	3

Classification:	5
Survey Type:	UPPER

Survey Date:	5/17/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	210
5245	17	23.3	4.29	50

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
I" BEAM	1	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	70	50	1.96	2	-0.47	3	PAINTED METAL
I" BEAM	0	-0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1250	900	-0.99	2	-0.47	3	PAINTED METAL
I" BEAM	0	-0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	700	150	-0.99	2	-0.47	3	PAINTED METAL
I" BEAM	2	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	500	70	-0.99	2	-1.80	3	PAINTED METAL
I" BEAM	3	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	90	60	1.96	2	-1.80	3	PAINTED METAL
I" BEAM	4	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	1000	80	-0.99	2	-3.13	3	PAINTED METAL
I" BEAM	5	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	700	70	-0.99	2	-0.47	3	PAINTED METAL
I" BEAM	0	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1090	350	0.48	2	3.51	3	PAINTED METAL
I" BEAM	1	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	667	300	0.48	2	0.85	3	PAINTED METAL
I" BEAM	2	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	20300	320	-0.99	2	-3.13	3	TO BE REMEDIATED
I" BEAM	3	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	894	280	0.48	2	-0.47	3	PAINTED METAL
I" BEAM	4	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	2250	300	-0.99	2	-0.47	3	PAINTED METAL
I" BEAM	5	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	755	400	0.48	2	-1.80	3	PAINTED METAL
I" BEAM	4	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1550	390	0.48	2	-0.47	3	PAINTED METAL
I" BEAM	4	-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	2210	350	0.48	2	-3.13	3	PAINTED METAL
I" BEAM	4	-2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1510	380	1.96	2	-3.13	3	PAINTED METAL
I" BEAM	4	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	645	400	1.96	2	-4.46	3	PAINTED METAL
I" BEAM	4	-4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	924	360	-0.99	2	0.85	3	PAINTED METAL
I" BEAM	4	-5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1230	380	0.48	2	-3.13	3	PAINTED METAL
I" BEAM	2	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1370	440	-0.99	2	-0.47	3	PAINTED METAL
I" BEAM	2	-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	578	420	-0.99	2	0.85	3	PAINTED METAL
I" BEAM	2	-2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1500	450	1.96	2	-1.80	3	PAINTED METAL
I" BEAM	2	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1330	390	-0.99	2	-3.13	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-370

Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	3

Classification:	5
Survey Type:	UPPER

Survey Date:	5/17/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	19.7	5.08	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	210
5245	17	23.3	4.29	50

Gamma or Beta/Gamma Instruments

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

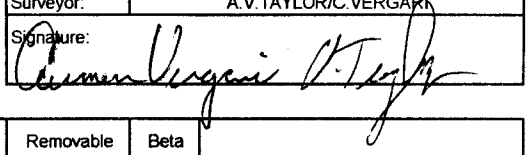
Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.V.TAYLOR/C.VERGARA
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
I" BEAM	2	-4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1420	630	0.48	2	-0.47	3	100 CPM w/E-520
I" BEAM	2	-5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1230	490	-0.99	2	-1.80	3	PAINTED METAL
I" BEAM	0	-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1200	420	-0.99	2	-3.13	3	PAINTED METAL
I" BEAM	0	-2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	1730	640	-0.99	2	-4.46	3	PAINTED METAL
I" BEAM	0	-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	902	660	-0.99	2	-1.80	3	PAINTED METAL
I" BEAM	0	-4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	748	520	0.48	2	-1.80	3	PAINTED METAL
I" BEAM	0	-5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	4570	550	0.48	2	0.85	3	TO BR REMEDIATED

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-370.XLD
Batch Ended: 8/28/95 12:31
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-20-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
10	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/28/95 11:27
11	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 11:29
12	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 11:31
13	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 11:33
14	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 11:35
15	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 11:38
16	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 11:40
17	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/28/95 11:42
18	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 11:44
19	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 11:47
20	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 11:49
21	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 11:51
22	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 11:53
23	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 11:55
24	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 11:57
25	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/28/95 12:00
26	1.956	2.09	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.664	-1.68	8/28/95 12:02
27	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 12:04
28	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/28/95 12:06
29	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/28/95 12:09
30	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/28/95 12:11
31	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/28/95 12:13
32	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 12:15
33	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/28/95 12:17

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/28/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-370.XLD
Batch Ended: 8/28/95 12:31
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: 1440

Application Revision: 3
Application Version: Standard

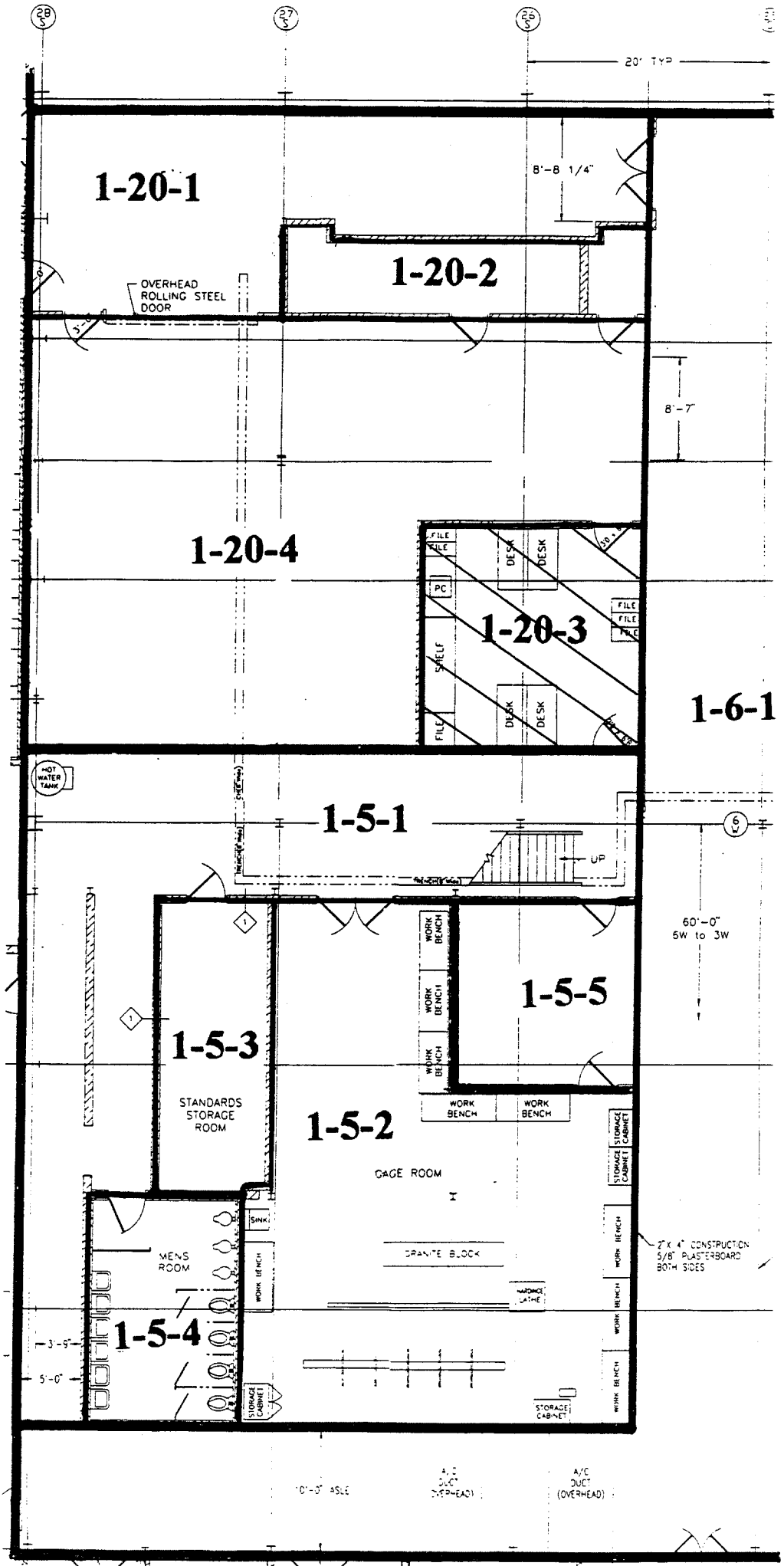
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-20-3

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
34	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 12:20
35	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/28/95 12:22
36	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/28/95 12:24
37	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/28/95 12:26
38	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/28/95 12:28
39	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/28/95 12:31

UNIT: 1-5-2
SN: C '20
DATE: 5.12.95
BY: EVW



Blairsville Point Survey Form #003

Survey Serial #:	01-371
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/18/95
Count Date:	8/28/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	5

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
1601	13	34.6	2.89	350

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

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
CEILING	1	-1	N/A	N/A	N/A	N/A	4	7	319	13	933	320	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	2	-1	N/A	N/A	N/A	N/A	3	7	277	13	393	270	-0.69	2	2.45	3	PAINTED CONCRETE
CEILING	3	-1	N/A	N/A	N/A	N/A	10	7	339	13	406	280	-0.11	2	-0.21	3	PAINTED CONCRETE
CEILING	4	-1	N/A	N/A	N/A	N/A	4	7	310	13	395	300	-0.40	2	1.39	3	PAINTED CONCRETE
CEILING	5	-1	N/A	N/A	N/A	N/A	5	7	326	13	400	290	-0.11	2	0.32	3	PAINTED CONCRETE
CEILING	6	-1	N/A	N/A	N/A	N/A	3	7	300	13	406	280	-0.11	2	1.12	3	PAINTED CONCRETE
CEILING	7	-1	N/A	N/A	N/A	N/A	4	7	297	13	395	280	-0.40	2	0.85	3	PAINTED CONCRETE
CEILING	8	-1	N/A	N/A	N/A	N/A	5	7	325	13	416	280	-0.40	2	2.45	3	PAINTED CONCRETE
CEILING	1	-2	N/A	N/A	N/A	N/A	5	7	315	13	552	300	-0.40	2	-1.27	3	PAINTED CONCRETE
CEILING	2	-2	N/A	N/A	N/A	N/A	7	7	350	13	609	270	-0.40	2	0.59	3	PAINTED CONCRETE
CEILING	3	-2	N/A	N/A	N/A	N/A	6	7	318	13	440	280	-0.40	2	0.06	3	PAINTED CONCRETE
CEILING	4	-2	N/A	N/A	N/A	N/A	5	7	352	13	426	260	-0.69	2	0.59	3	PAINTED CONCRETE
CEILING	5	-2	N/A	N/A	N/A	N/A	4	7	299	13	407	300	-0.69	2	-1.27	3	PAINTED CONCRETE
CEILING	6	-2	N/A	N/A	N/A	N/A	6	7	321	13	454	300	-0.11	2	1.92	3	PAINTED CONCRETE
CEILING	7	-2	N/A	N/A	N/A	N/A	5	7	307	13	411	310	-0.69	2	0.85	3	PAINTED CONCRETE
CEILING	8	-2	N/A	N/A	N/A	N/A	5	7	348	13	555	300	-0.11	2	0.59	3	PAINTED CONCRETE
CEILING	1	-3	N/A	N/A	N/A	N/A	6	7	370	13	518	300	-0.69	2	1.39	3	PAINTED CONCRETE
CEILING	2	-3	N/A	N/A	N/A	N/A	8	7	323	13	589	290	-0.40	2	1.92	3	PAINTED CONCRETE
CEILING	3	-3	N/A	N/A	N/A	N/A	3	7	339	13	424	310	0.48	2	1.39	3	PAINTED CONCRETE
CEILING	4	-3	N/A	N/A	N/A	N/A	10	7	318	13	461	300	-0.40	2	2.45	3	PAINTED CONCRETE
CEILING	5	-3	N/A	N/A	N/A	N/A	3	7	330	13	426	310	-0.40	2	-1.54	3	PAINTED CONCRETE
CEILING	6	-3	N/A	N/A	N/A	N/A	7	7	336	13	391	320	-0.11	2	-0.47	3	PAINTED CONCRETE
CEILING	7	-3	N/A	N/A	N/A	N/A	5	7	297	13	404	270	0.48	2	-0.21	3	PAINTED CONCRETE

Blairsville Point Survey Form #003

Survey Serial #:	01-371

Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	2

Classification:	4
Survey Type:	UPPER

Survey Date:	5/18/95
Count Date:	8/28/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	5

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Survey Instruments

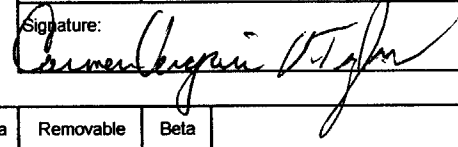
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	350

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

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
CEILING	8	-3	N/A	N/A	N/A	N/A	8	7	338	13	424	290	-0.69	2	0.32	3	PAINTED CONCRETE
CEILING	1	-4	N/A	N/A	N/A	N/A	20	7	339	13	853	280	-0.69	2	1.39	3	PAINTED CONCRETE
CEILING	2	-4	N/A	N/A	N/A	N/A	8	7	349	13	490	300	-0.40	2	2.45	3	PAINTED CONCRETE
CEILING	3	-4	N/A	N/A	N/A	N/A	6	7	319	13	480	300	-0.40	2	-0.74	3	PAINTED CONCRETE
CEILING	4	-4	N/A	N/A	N/A	N/A	4	7	327	13	460	280	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	5	-4	N/A	N/A	N/A	N/A	5	7	324	13	410	270	-0.69	2	0.59	3	PAINTED CONCRETE
CEILING	6	-4	N/A	N/A	N/A	N/A	33	7	319	13	433	260	-0.69	2	1.92	3	PAINTED CONCRETE
CEILING	7	-4	N/A	N/A	N/A	N/A	4	7	318	13	460	280	-0.40	2	-1.54	3	PAINTED CONCRETE
CEILING	8	-4	N/A	N/A	N/A	N/A	5	7	358	13	388	250	0.19	2	0.59	3	PAINTED CONCRETE
CEILING	1	-5	N/A	N/A	N/A	N/A	6	7	343	13	540	310	-0.69	2	-1.80	3	PAINTED CONCRETE
CEILING	2	-5	N/A	N/A	N/A	N/A	10	7	323	13	554	350	-0.40	2	-1.54	3	PAINTED CONCRETE
CEILING	3	-5	N/A	N/A	N/A	N/A	5	7	374	13	429	340	-0.11	2	-0.74	3	PAINTED CONCRETE
CEILING	4	-5	N/A	N/A	N/A	N/A	3	7	329	13	392	320	-0.11	2	0.59	3	PAINTED CONCRETE
CEILING	5	-5	N/A	N/A	N/A	N/A	0	7	321	13	400	360	-0.99	2	1.65	3	PAINTED CONCRETE
CEILING	6	-5	N/A	N/A	N/A	N/A	0	7	310	13	479	280	-0.69	2	-0.21	3	PAINTED CONCRETE
CEILING	7	-5	N/A	N/A	N/A	N/A	0	7	301	13	491	240	-0.11	2	-0.47	3	PAINTED CONCRETE
CEILING	8	-5	N/A	N/A	N/A	N/A	2	7	368	13	390	320	-0.99	2	1.12	3	PAINTED CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-371.XLD
Batch Ended: 8/28/95 19:42
Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 5.00
Beta activity action level (DPM): 15.00
Certainty level for MDA and flags: 95.00%
High Voltage Setting: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
51	-0.989	0.33	<MDA	2.63	-0.47	1.07	<MDA	4.43	10.00	-0.336	-0.18	8/28/95 12:51
52	-0.694	0.33	<MDA	2.63	2.45	1.39	<AL	4.43	10.00	-0.236	0.92	8/28/95 13:01
53	-0.105	0.53	<MDA	2.63	-0.21	1.10	<MDA	4.43	10.00	-0.036	-0.08	8/28/95 13:12
54	-0.400	0.44	<MDA	2.63	1.39	1.28	<MDA	4.43	10.00	-0.136	0.52	8/28/95 13:22
55	-0.105	0.53	<MDA	2.63	0.32	1.17	<MDA	4.43	10.00	-0.036	0.12	8/28/95 13:32
56	-0.105	0.53	<MDA	2.63	1.12	1.25	<MDA	4.43	10.00	-0.036	0.42	8/28/95 13:42
57	-0.400	0.44	<MDA	2.63	0.85	1.23	<MDA	4.43	10.00	-0.136	0.32	8/28/95 13:53
58	-0.400	0.44	<MDA	2.63	2.45	1.39	<AL	4.43	10.00	-0.136	0.92	8/28/95 14:03
59	-0.400	0.44	<MDA	2.63	-1.27	0.97	<MDA	4.43	10.00	-0.136	-0.48	8/28/95 14:13
60	-0.400	0.44	<MDA	2.63	0.59	1.20	<MDA	4.43	10.00	-0.136	0.22	8/28/95 14:23
61	-0.400	0.44	<MDA	2.63	0.06	1.14	<MDA	4.43	10.00	-0.136	0.02	8/28/95 14:33
62	-0.694	0.33	<MDA	2.63	0.59	1.20	<MDA	4.43	10.00	-0.236	0.22	8/28/95 14:44
63	-0.694	0.33	<MDA	2.63	-1.27	0.97	<MDA	4.43	10.00	-0.236	-0.48	8/28/95 15:07
64	-0.105	0.53	<MDA	2.63	1.92	1.34	<AL	4.43	10.00	-0.036	0.72	8/28/95 15:17
65	-0.694	0.33	<MDA	2.63	0.85	1.23	<MDA	4.43	10.00	-0.236	0.32	8/28/95 15:27
66	-0.105	0.53	<MDA	2.63	0.59	1.20	<MDA	4.43	10.00	-0.036	0.22	8/28/95 15:37
67	-0.694	0.33	<MDA	2.63	1.39	1.28	<MDA	4.43	10.00	-0.236	0.52	8/28/95 15:48
68	-0.400	0.44	<MDA	2.63	1.92	1.34	<AL	4.43	10.00	-0.136	0.72	8/28/95 15:58
69	0.484	0.67	<MDA	2.63	1.39	1.28	<MDA	4.43	10.00	0.164	0.52	8/28/95 16:08
70	-0.400	0.44	<MDA	2.63	2.45	1.39	<AL	4.43	10.00	-0.136	0.92	8/28/95 16:18
71	-0.400	0.44	<MDA	2.63	-1.54	0.93	<MDA	4.43	10.00	-0.136	-0.58	8/28/95 16:28
73	-0.105	0.53	<MDA	2.63	-0.47	1.07	<MDA	4.43	10.00	-0.036	-0.18	8/28/95 16:39
72	0.484	0.67	<MDA	2.63	-0.21	1.10	<MDA	4.43	10.00	0.164	-0.08	8/28/95 16:49
74	-0.694	0.33	<MDA	2.63	0.32	1.17	<MDA	4.43	10.00	-0.236	0.12	8/28/95 16:59
75	-0.694	0.33	<MDA	2.63	1.39	1.28	<MDA	4.43	10.00	-0.236	0.52	8/28/95 17:09

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-371.XLD
Batch Ended: 8/28/95 19:42
Crosstalk Correction: Not Applied

Alpha activity action level (DPM): 5.00
Beta activity action level (DPM): 15.00
Certainty level for MDA and flags: 95.00%
High Voltage Setting: 1440

Application Revision: 3
Application Version: Standard

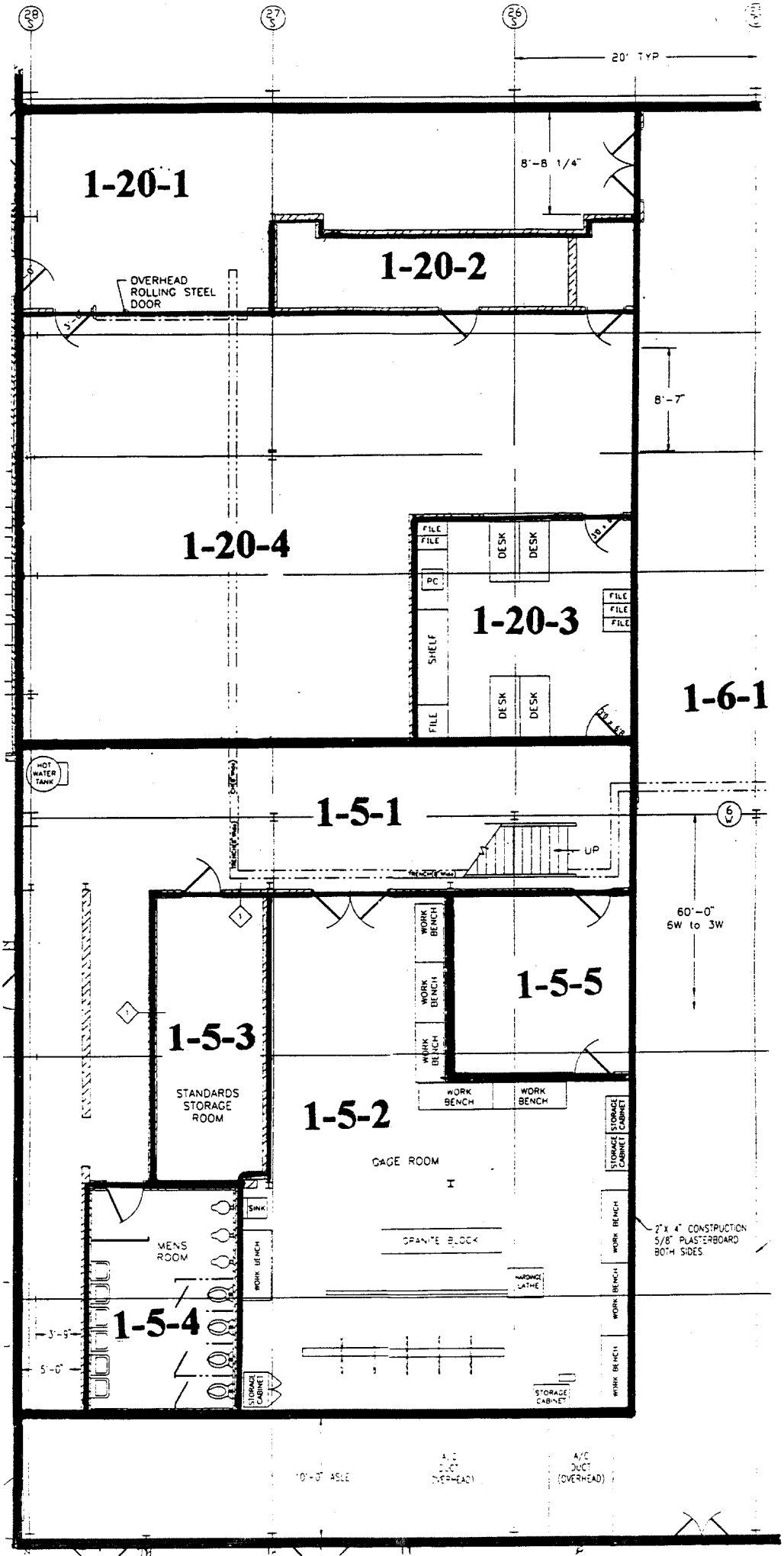
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
76	-0.400	0.44	<MDA	2.63	2.45	1.39	<AL	4.43	10.00	-0.136	0.92	8/28/95 17:19
77	-0.400	0.44	<MDA	2.63	-0.74	1.04	<MDA	4.43	10.00	-0.136	-0.28	8/28/95 17:30
78	-0.989	0.33	<MDA	2.63	-0.47	1.07	<MDA	4.43	10.00	-0.336	-0.18	8/28/95 17:40
79	-0.694	0.33	<MDA	2.63	0.59	1.20	<MDA	4.43	10.00	-0.236	0.22	8/28/95 17:50
80	-0.694	0.33	<MDA	2.63	1.92	1.34	<AL	4.43	10.00	-0.236	0.72	8/28/95 18:00
81	-0.400	0.44	<MDA	2.63	-1.54	0.93	<MDA	4.43	10.00	-0.136	-0.58	8/28/95 18:11
82	0.189	0.61	<MDA	2.63	0.59	1.20	<MDA	4.43	10.00	0.064	0.22	8/28/95 18:21
83	-0.694	0.33	<MDA	2.63	-1.80	0.89	<MDA	4.43	10.00	-0.236	-0.68	8/28/95 18:31
84	-0.400	0.44	<MDA	2.63	-1.54	0.93	<MDA	4.43	10.00	-0.136	-0.58	8/28/95 18:41
85	-0.105	0.53	<MDA	2.63	-0.74	1.04	<MDA	4.43	10.00	-0.036	-0.28	8/28/95 18:51
86	-0.105	0.53	<MDA	2.63	0.59	1.20	<MDA	4.43	10.00	-0.036	0.22	8/28/95 19:02
87	-0.989	0.33	<MDA	2.63	1.65	1.31	<MDA	4.43	10.00	-0.336	0.62	8/28/95 19:12
88	-0.694	0.33	<MDA	2.63	-0.21	1.10	<MDA	4.43	10.00	-0.236	-0.08	8/28/95 19:22
89	-0.105	0.53	<MDA	2.63	-0.47	1.07	<MDA	4.43	10.00	-0.036	-0.18	8/28/95 19:32
90	-0.989	0.33	<MDA	2.63	1.12	1.25	<MDA	4.43	10.00	-0.336	0.42	8/28/95 19:42

UNIT: 1-20-3
SN: C. 3771
DATE: 5-18-95
BY: CV/MI



Blairsville Point Survey Form #003

Survey Serial #:	01-372
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/22/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	5

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	350

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.V.TAYLOR/C.VERGARI
Signature:	Carmen Vergara / A.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
CEILING	-4	-6	N/A	N/A	N/A	N/A	5	7	317	13	787	260	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	-3	-6	N/A	N/A	N/A	N/A	5	7	327	13	823	340	0.48	2	2.18	3	PAINTED CONCRETE
METAL SCREEN	-2	-6	N/A	N/A	N/A	N/A	9	7	441	13	441	300	0.48	2	4.84	3	
CEILING	-1	-6	N/A	N/A	N/A	N/A	5	7	323	13	58	310	0.48	2	2.18	3	PAINTED CONCRETE
CEILING	0	-6	N/A	N/A	N/A	N/A	2	7	332	13	495	290	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	1	-6	N/A	N/A	N/A	N/A	4	7	341	13	577	300	-0.99	2	-4.46	3	PAINTED CONCRETE
CEILING	2	-6	N/A	N/A	N/A	N/A	1	7	318	13	493	290	-0.99	2	6.17	3	PAINTED CONCRETE
CEILING	3	-6	N/A	N/A	N/A	N/A	4	7	352	13	411	320	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	4	-6	N/A	N/A	N/A	N/A	6	7	317	13	494	280	-0.99	2	3.51	3	PAINTED CONCRETE
CEILING	5	-6	N/A	N/A	N/A	N/A	2	7	371	13	438	350	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	6	-6	N/A	N/A	N/A	N/A	3	7	341	13	456	310	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	7	-6	N/A	N/A	N/A	N/A	3	7	354	13	443	320	-0.99	2	3.51	3	PAINTED CONCRETE
CEILING	8	-6	N/A	N/A	N/A	N/A	7	7	323	13	415	300	3.43	2	-1.80	3	PAINTED CONCRETE
CEILING	-4	-7	N/A	N/A	N/A	N/A	3	7	338	13	479	300	0.48	2	0.85	3	PAINTED CONCRETE
CEILING	-3	-7	N/A	N/A	N/A	N/A	1	7	309	13	669	310	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	-2	-7	N/A	N/A	N/A	N/A	4	7	294	13	573	280	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	-1	-7	N/A	N/A	N/A	N/A	4	7	324	13	578	310	0.48	2	-3.13	3	PAINTED CONCRETE
CEILING	0	-7	N/A	N/A	N/A	N/A	3	7	323	13	488	310	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	1	-7	N/A	N/A	N/A	N/A	1	7	332	13	480	300	-0.99	2	2.18	3	PAINTED CONCRETE
CEILING	2	-7	N/A	N/A	N/A	N/A	3	7	314	13	434	310	0.48	2	2.18	3	PAINTED CONCRETE
CEILING	3	-7	N/A	N/A	N/A	N/A	5	7	322	13	444	320	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	4	-7	N/A	N/A	N/A	N/A	2	7	340	13	635	320	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	5	-7	N/A	N/A	N/A	N/A	2	7	310	13	652	300	-0.99	2	-3.13	3	PAINTED CONCRETE

Blairsville Point Survey Form #003

Survey Serial #:	01-372
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/22/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	5

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	350

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	6	-7	N/A	N/A	N/A	N/A	2	7	368	13	482	310	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	7	-7	N/A	N/A	N/A	N/A	2	7	368	13	411	300	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	8	-7	N/A	N/A	N/A	N/A	0	7	368	13	401	290	0.48	2	-3.13	3	PAINTED CONCRETE
CEILING	-4	-8	N/A	N/A	N/A	N/A	5	7	317	13	2160	320	0.48	2	2.18	3	PAINTED CONCRETE
CEILING	-3	-8	N/A	N/A	N/A	N/A	1	7	320	13	406	270	1.96	2	-0.47	3	PAINTED CONCRETE
CEILING	-2	-8	N/A	N/A	N/A	N/A	4	7	330	13	1090	290	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	-1	-8	N/A	N/A	N/A	N/A	3	7	346	13	828	310	0.48	2	3.51	3	PAINTED CONCRETE
CEILING	0	-8	N/A	N/A	N/A	N/A	3	7	332	13	591	280	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	1	-8	N/A	N/A	N/A	N/A	3	7	308	13	563	250	-0.99	2	6.17	3	PAINTED CONCRETE
CEILING	2	-8	N/A	N/A	N/A	N/A	5	7	336	13	380	320	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	3	-8	N/A	N/A	N/A	N/A	2	7	448	13	485	370	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	4	-8	N/A	N/A	N/A	N/A	3	7	299	13	462	260	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	5	-8	N/A	N/A	N/A	N/A	6	7	308	13	481	290	-0.99	2	-4.46	3	PAINTED CONCRETE
CEILING	6	-8	N/A	N/A	N/A	N/A	5	7	357	13	441	310	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	7	-8	N/A	N/A	N/A	N/A	4	7	332	13	481	320	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	8	-8	N/A	N/A	N/A	N/A	3	7	330	13	446	260	-0.99	2	-0.47	3	PAINTED CONCRETE
I"BEAM	-4	-9	N/A	N/A	N/A	N/A	1	7	255	13	2460	300	-0.99	2	3.51	3	PAINTED CONCRETE
I"BEAM	-3	-9	N/A	N/A	N/A	N/A	2	7	308	13	291	290	0.48	2	2.18	3	SOUTH WALL
I"BEAM	-2	-9	N/A	N/A	N/A	N/A	5	7	294	13	2150	290	1.96	2	4.84	3	SOUTH WALL
I"BEAM	-1	-9	N/A	N/A	N/A	N/A	2	7	297	13	1280	300	-0.99	2	-3.13	3	SOUTH WALL
CEILING	0	-9	N/A	N/A	N/A	N/A	3	7	296	13	840	310	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	1	-9	N/A	N/A	N/A	N/A	1	7	315	13	488	280	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	2	-9	N/A	N/A	N/A	N/A	2	7	335	13	694	280	-0.99	2	-0.47	3	PAINTED CONCRETE

Blairsville Point Survey Form #003

Survey Serial #:	01-372
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/22/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	5

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	350

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	3	-9	N/A	N/A	N/A	N/A	3	7	332	13	539	300	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	4	-9	N/A	N/A	N/A	N/A	1	7	339	13	480	300	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	5	-9	N/A	N/A	N/A	N/A	2	7	326	13	450	300	0.48	2	-4.46	3	PAINTED CONCRETE
CEILING	6	-9	N/A	N/A	N/A	N/A	0	7	323	13	494	300	-0.99	2	-4.46	3	PAINTED CONCRETE
CEILING	7	-9	N/A	N/A	N/A	N/A	0	7	292	13	625	280	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	8	-9	N/A	N/A	N/A	N/A	3	7	310	13	468	300	-0.99	2	-3.13	3	PAINTED CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-372.XLD
Batch Ended: 8/29/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
13	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 8:37
14	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 8:40
15	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/29/95 8:42
16	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 8:44
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 8:46
18	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 8:49
19	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/29/95 8:51
20	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 8:53
21	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 8:55
22	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 8:57
23	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 9:00
24	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 9:02
25	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/29/95 9:04
26	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/29/95 9:06
27	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 9:08
28	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 9:11
29	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 9:13
30	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 9:15
31	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 9:17
32	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 9:20
33	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 9:22
34	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 9:24
35	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 9:26
36	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 9:28

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-372.XLD
Batch Ended: 8/29/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
37	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 9:30
39	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 9:33
38	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 9:35
40	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/29/95 9:37
41	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 9:39
42	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/29/95 9:42
43	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 9:44
44	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/29/95 9:46
45	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 9:48
46	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 9:50
47	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 9:53
48	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 9:55
49	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 9:57
50	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 9:59
1	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 10:01
2	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 10:04
3	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 10:06
4	1.956	2.09	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.664	1.82	8/29/95 10:08
5	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 10:10
6	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 10:13
7	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 10:15
8	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 10:17
9	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 10:19
10	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 10:21

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-372.XLD
Batch Ended: 8/29/95 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: 1440

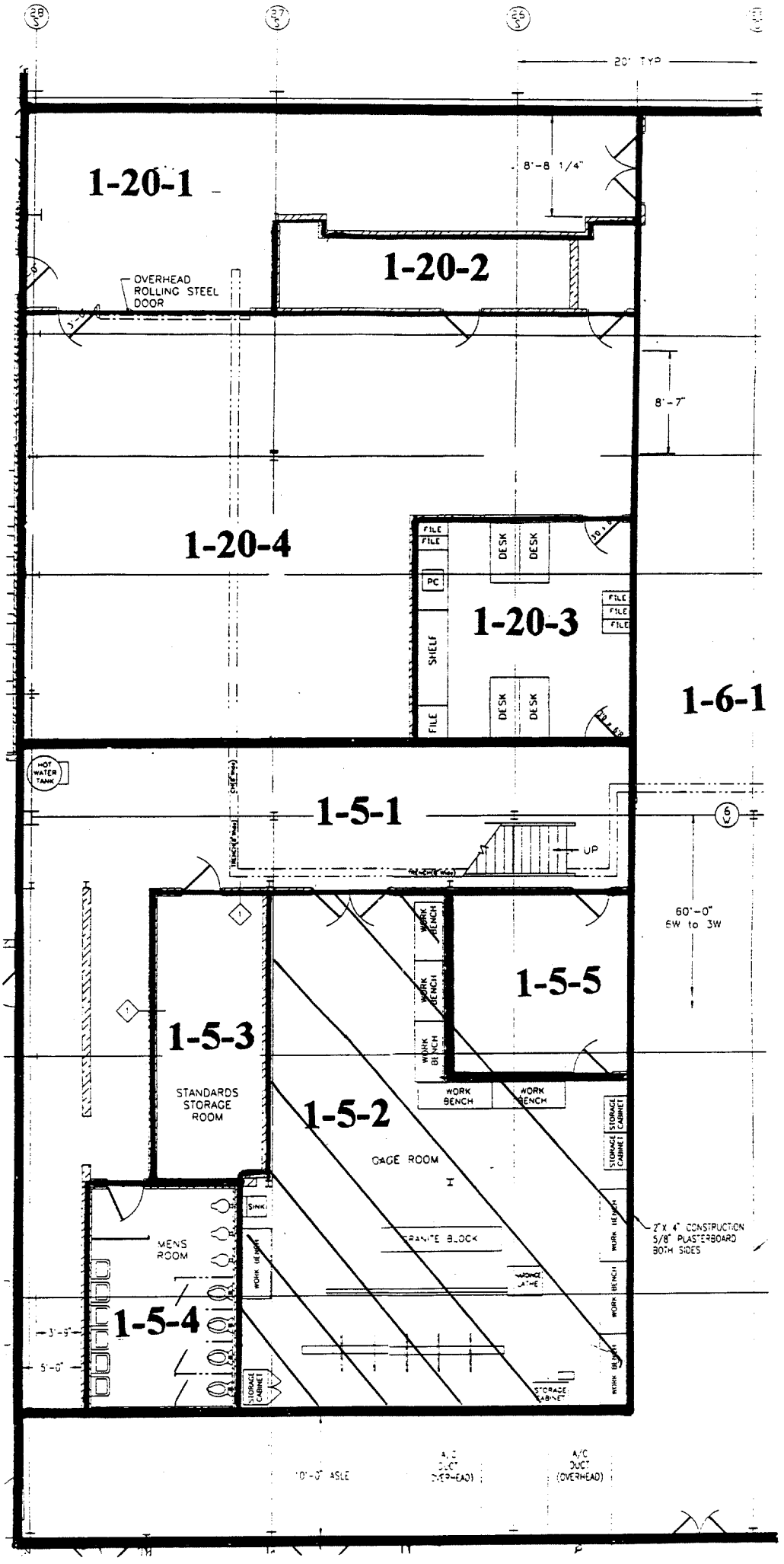
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
11	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/29/95 10:24
12	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 10:26
13	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 10:28
14	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 10:30



UNIT: 1-5-2
SN: 013722
DATE: 5-22-95
BY: CV/MT

Blairsville Point Survey Form #003

Survey Serial #:	01-373
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	5/23/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1601	13	34.6	2.89	318

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
I" BEAM	0	-1	N/A	N/A	N/A	N/A	1	7	301	13	1110	300	0.48	2	-3.13	3	PAINTED CONCRETE
CEILING	1	-1	N/A	N/A	N/A	N/A	0	7	256	13	2220	300	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	2	-1	N/A	N/A	N/A	N/A	2	7	294	13	1880	290	1.96	2	-0.47	3	PAINTED CONCRETE
CEILING	3	-1	N/A	N/A	N/A	N/A	1	7	310	13	1250	310	-0.99	2	2.18	3	PAINTED CONCRETE
CEILING	4	-1	N/A	N/A	N/A	N/A	1	7	263	13	613	320	0.48	2	3.51	3	PAINTED CONCRETE
CEILING	5	-1	N/A	N/A	N/A	N/A	3	7	328	13	556	270	-0.99	2	7.50	3	PAINTED CONCRETE
CEILING	6	-1	N/A	N/A	N/A	N/A	2	7	319	13	474	290	0.48	2	3.51	3	PAINTED CONCRETE
CEILING	7	-1	N/A	N/A	N/A	N/A	1	7	340	13	524	330	0.48	2	0.85	3	PAINTED CONCRETE
CEILING	0	-2	N/A	N/A	N/A	N/A	4	7	308	13	701	300	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	1	-2	N/A	N/A	N/A	N/A	1	7	286	13	1420	260	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	3	-2	N/A	N/A	N/A	N/A	3	7	317	13	1070	310	0.48	2	-3.13	3	PAINTED CONCRETE
CEILING	4	-2	N/A	N/A	N/A	N/A	1	7	271	13	807	250	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	5	-2	N/A	N/A	N/A	N/A	0	7	314	13	549	290	-0.99	2	2.18	3	PAINTED CONCRETE
CEILING	6	-2	N/A	N/A	N/A	N/A	4	7	284	13	591	290	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	7	-2	N/A	N/A	N/A	N/A	0	7	348	13	526	310	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	2	-2	N/A	N/A	N/A	N/A	0	7	309	13	615	280	-0.99	2	3.51	3	PAINTED CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-373.XLD
Batch Ended: 8/29/95 11:06
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: 1440

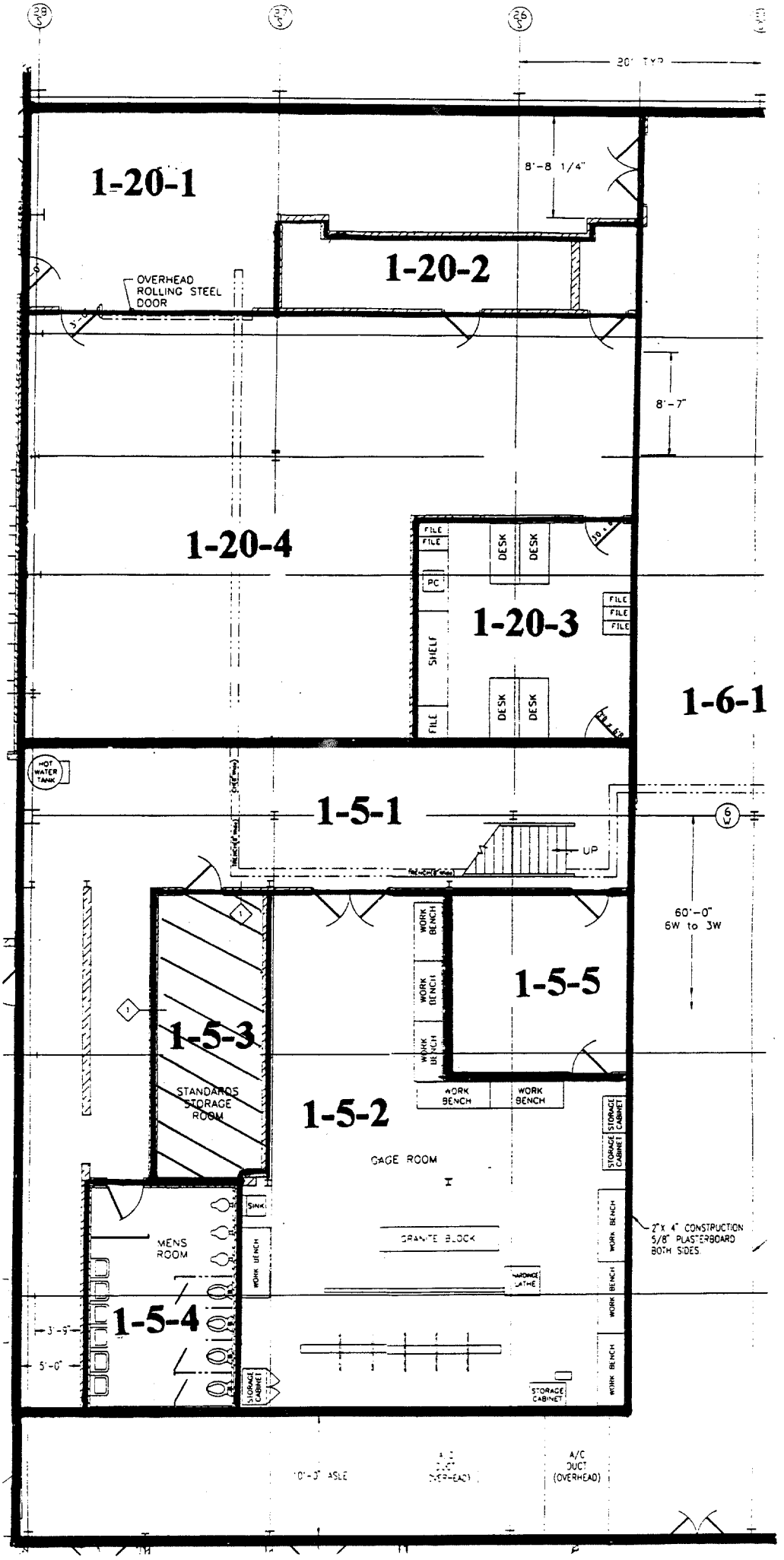
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
51	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 10:32
52	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 10:35
53	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/29/95 10:37
54	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 10:39
55	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/29/95 10:41
56	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/29/95 10:43
57	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/29/95 10:46
58	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/29/95 10:48
59	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 10:50
60	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 10:52
61	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 10:55
62	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 10:57
63	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 10:59
64	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 11:01
65	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 11:03
66	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 11:06



UNIT: 1-5-3
SN: 01323
DATE: 5-23-25
BY: CV/MI

Blairsville Point Survey Form #003

Survey Serial #:	01-374
Survey Section:	1
Survey Unit:	5
Survey Sub-unit:	4
Classification:	4
Survey Type:	UPPER
Survey Date:	5/23/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	336

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	1	-1	N/A	N/A	N/A	N/A	0	8	365	12	550	380	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	2	-1	N/A	N/A	N/A	N/A	1	8	377	12	506	370	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	3	-1	N/A	N/A	N/A	N/A	1	8	359	12	511	360	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	4	-1	N/A	N/A	N/A	N/A	1	8	380	12	586	350	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	5	-1	N/A	N/A	N/A	N/A	3	8	390	12	654	370	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	1	-2	N/A	N/A	N/A	N/A	0	8	334	12	628	390	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	2	-2	N/A	N/A	N/A	N/A	3	8	365	12	479	390	-0.99	2	2.18	3	PAINTED CONCRETE
CEILING	3	-2	N/A	N/A	N/A	N/A	3	8	333	12	490	370	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	4	-2	N/A	N/A	N/A	N/A	2	8	374	12	495	390	-0.99	2	6.17	3	PAINTED CONCRETE
CEILING	5	-2	N/A	N/A	N/A	N/A	0	8	392	12	628	390	0.48	2	2.18	3	PAINTED CONCRETE
CEILING	1	-3	N/A	N/A	N/A	N/A	2	8	363	12	674	360	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	2	-3	N/A	N/A	N/A	N/A	0	8	387	12	634	360	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	3	-3	N/A	N/A	N/A	N/A	3	8	351	12	500	340	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	4	-3	N/A	N/A	N/A	N/A	2	8	389	12	488	350	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	5	-3	N/A	N/A	N/A	N/A	1	8	381	12	558	370	-0.99	2	4.84	3	PAINTED CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-374.XLD
Batch Ended: 8/29/95 11:39
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: 1440

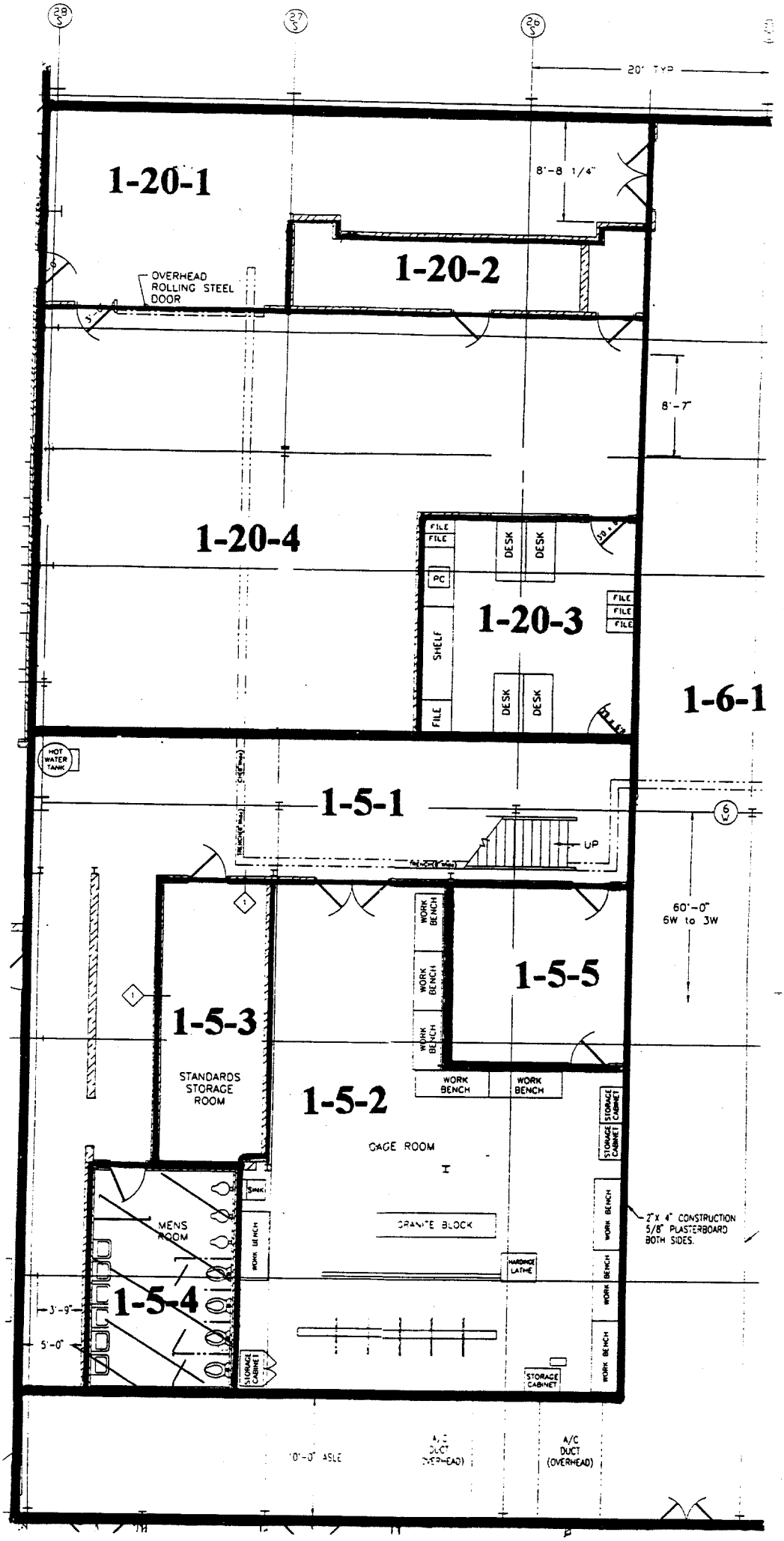
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
67	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 11:08
68	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 11:10
69	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 11:12
70	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 11:15
71	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 11:17
73	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 11:19
72	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 11:21
74	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 11:23
75	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/29/95 11:26
76	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 11:28
77	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 11:30
78	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 11:32
79	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 11:34
80	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 11:37
81	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/29/95 11:39



UNIT: 1-5-4
SN: 013794
DATE: 5-23-95
BY: CVNT

Survey Date: 5-23-95	Time: 0800	Surveyor: LARRY SMITH	Signature: Larry Smith
Count Date:	Time:	Counted by:	Signature:

Survey Instrumentation			
Instrument	Code	Efficiency	Background
E520	17	23.3%	30 CPM
E520	18	NA	.01 MR
2221	33	NA	1228 CPM

	Counting Equipment		
	Instrument Code	Background CPM	Efficiency %
Alpha	NA		
Beta	NA		

[*] Tennelec instrument data appears on smear printouts.

Survey type	
X	Radiation
	Smear
	Radiation/Smear
	Other (Specify):

Survey Purpose		
	Routine	
	Pre RWP #	
	For RWP #	
	Miscellaneous	
	Unconditional Release	S/N:
X	Decommission	S/N: 01-375

Comments: SCAN SURVEY PERFORMED DURING FACILITY CONSTRUCTION PROCESS TO INSTALL NEW PIPE CHASES. SEE MAP FOR LOCATIONS.

SOIL SAMPLES B-090 THRU B-097 TAKEN FOR INFORMATION SEE MAP FOR LOCATIONS (NOTED BY HEAVY CIRCLED LINE)

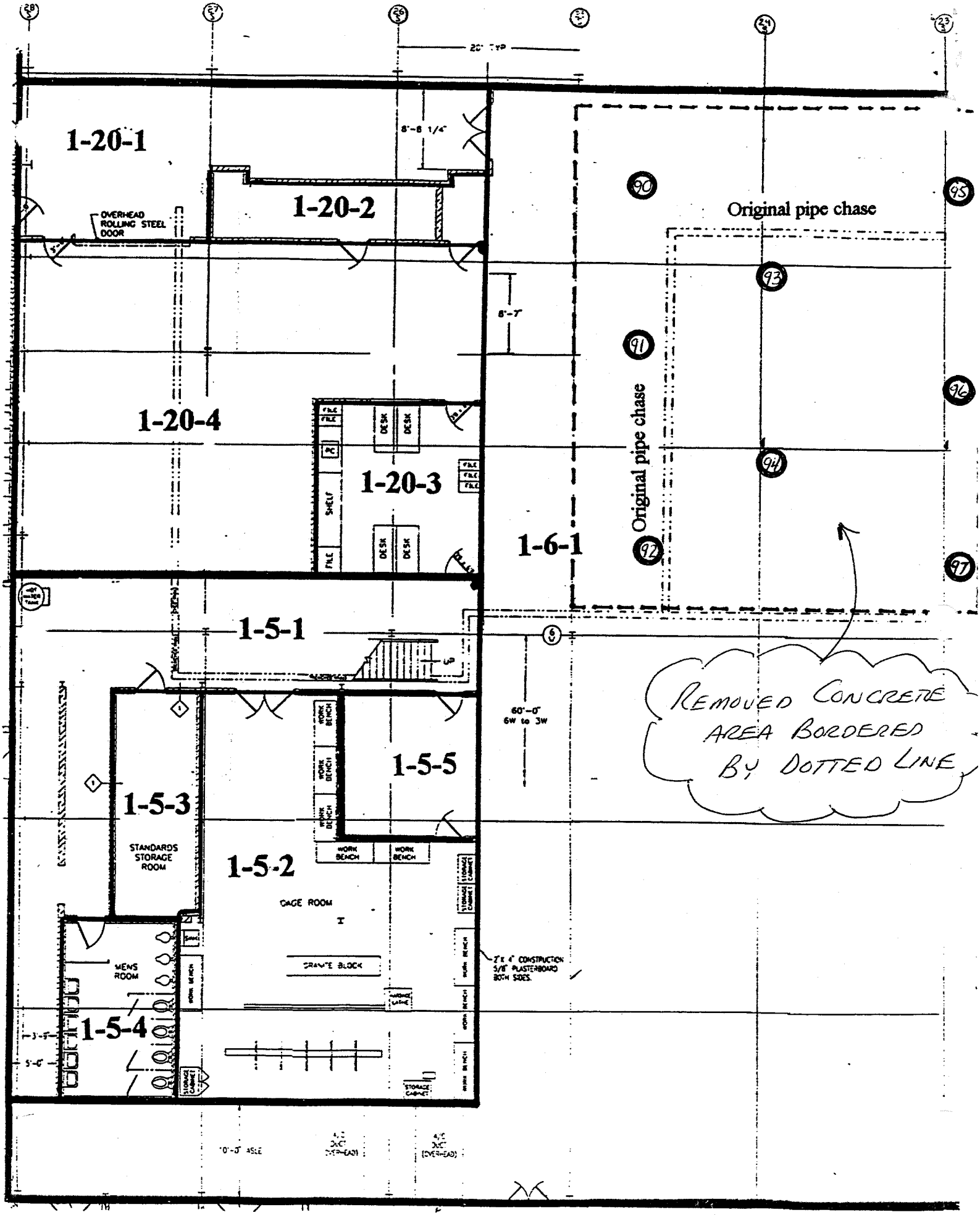
Survey Location:	SOUTH END PRODUCTION BAY
Survey Description:	SCAN SURVEY
RWP #	NA

Smear Survey Summary

Smear results in		pCi		CPM		DPM		Other (specify)

Alpha survey results in:		CPM		DPM		other (specify):		
Beta survey results in:	X	CPM		DPM		other (specify):		
Gamma survey results in:		uR/hr	X	mR/hr		other (specify):		
LEG survey results in:	X	CPM		DPM		other (specify):		

Alpha Radiation		Beta Radiation		Gamma Radiation		LEG Radiation			Smears	
Level	Distance	Level	Distance	Level	Distance	Level	Distance	COMMENTS	Alpha	Beta
NA	NA	≤BKG TO 40 NET CPM	CONTACT ↓	.01 TO .02	CONTACT ↓	1050 TO 2750	CONTACT ↓	SCAN SURVEY OF DIRT AND FILL UNDER THE REMOVED CONCRETE PORTION.		


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
CAGE ROOM
1-5-4
MENS ROOM
OVERHEAD ROLLING STEEL DOOR
Original pipe chase
Original pipe chase
REMOVED CONCRETE AREA BORDERED BY DOTTED LINE
90
91
92
93
94
95
96
97

Blairsville Point Survey Form #003

Survey Serial #:	01-376
Survey Section:	1
Survey Unit:	19
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	5/24/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	278

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	2	-2	N/A	N/A	N/A	N/A	3	8	262	12	417	260	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	4	-2	N/A	N/A	N/A	N/A	2	8	265	12	408	280	1.96	2	-0.47	3	PAINTED CONCRETE
CEILING	2	-4	N/A	N/A	N/A	N/A	3	8	258	12	372	260	-0.99	2	3.51	3	PAINTED CONCRETE
CEILING	4	-4	N/A	N/A	N/A	N/A	1	8	278	12	394	250	0.48	2	-3.13	3	PAINTED CONCRETE
CEILING	2	-6	N/A	N/A	N/A	N/A	0	8	218	12	364	240	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	4	-6	N/A	N/A	N/A	N/A	4	8	266	12	363	240	-0.99	2	2.18	3	PAINTED CONCRETE
CEILING	2	-8	N/A	N/A	N/A	N/A	3	8	267	12	391	250	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	4	-8	N/A	N/A	N/A	N/A	1	8	257	12	363	270	0.48	2	-0.47	3	PAINTED CONCRETE
CEILING	2	-10	N/A	N/A	N/A	N/A	3	8	258	12	426	240	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	4	-10	N/A	N/A	N/A	N/A	1	8	245	12	388	260	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	6	-2	N/A	N/A	N/A	N/A	1	8	275	12	457	270	-0.99	2	0.85	3	PAINTED CONCRETE
CEILING	6	-4	N/A	N/A	N/A	N/A	1	8	276	12	467	250	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	6	-6	N/A	N/A	N/A	N/A	0	8	275	12	350	260	-0.99	2	-4.46	3	PAINTED CONCRETE
CEILING	6	-8	N/A	N/A	N/A	N/A	1	8	231	12	411	270	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	6	-10	N/A	N/A	N/A	N/A	0	8	254	12	407	250	1.96	2	-3.13	3	PAINTED CONCRETE
CEILING	8	-2	N/A	N/A	N/A	N/A	3	8	288	12	402	240	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	8	-4	N/A	N/A	N/A	N/A	1	8	252	12	505	270	0.48	2	-1.80	3	PAINTED CONCRETE
CEILING	8	-6	N/A	N/A	N/A	N/A	1	8	241	12	362	240	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	8	-8	N/A	N/A	N/A	N/A	1	8	290	12	464	270	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	8	-10	N/A	N/A	N/A	N/A	1	8	243	12	382	270	-0.99	2	-0.47	3	PAINTED CONCRETE
CEILING	10	-2	N/A	N/A	N/A	N/A	1	8	278	12	440	300	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	10	-4	N/A	N/A	N/A	N/A	1	8	259	12	393	270	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	10	-6	N/A	N/A	N/A	N/A	0	8	249	12	404	270	-0.99	2	2.18	3	PAINTED CONCRETE

Blairsville Point Survey Form #003

Survey Serial #:	01-376
Survey Section:	1
Survey Unit:	19
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	5/24/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1588	8	21.2	4.72	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	278

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.V.TAYLOR/C.VERGARA
Signature:	Carmen Vergara / A.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
CEILING	10	-8	N/A	N/A	N/A	N/A	0	8	255	12	392	230	3.43	2	-4.46	3	PAINTED CONCRETE
CEILING	10	-10	N/A	N/A	N/A	N/A	0	8	299	12	495	260	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	13	-1	N/A	N/A	N/A	N/A	2	8	296	12	522	280	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	13	-3	N/A	N/A	N/A	N/A	1	8	267	12	462	290	-0.99	2	-1.80	3	PAINTED CONCRETE
CEILING	13	-5	N/A	N/A	N/A	N/A	1	8	278	12	510	310	-0.99	2	-3.13	3	PAINTED CONCRETE
CEILING	13	-7	N/A	N/A	N/A	N/A	1	8	247	12	590	300	-0.99	2	4.84	3	PAINTED CONCRETE
CEILING	13	-9	N/A	N/A	N/A	N/A	0	8	314	12	440	270	-0.99	2	3.51	3	PAINTED CONCRETE
CEILING	13	-11	N/A	N/A	N/A	N/A	0	8	277	12	507	280	0.48	2	2.18	3	PAINTED CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-376.XLD
Batch Ended: 8/29/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-19-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
82	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 11:41
83	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/29/95 11:43
84	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 11:46
85	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 11:48
86	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 11:50
87	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 11:52
88	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 11:54
89	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 11:57
90	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 11:59
91	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 12:01
92	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 12:03
93	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 12:05
94	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 12:08
95	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:10
96	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/29/95 12:12
97	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 12:14
98	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 12:17
99	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 12:19
100	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:21
1	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 12:23
2	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:25
3	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 12:28
4	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 12:30
5	3.429	2.56	<AL	7.98	-4.46	1.36	<MDA	11.67	2.00	1.164	-1.68	8/29/95 12:32

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/29/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-376.XLD
Batch Ended: 8/29/95 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: 1440

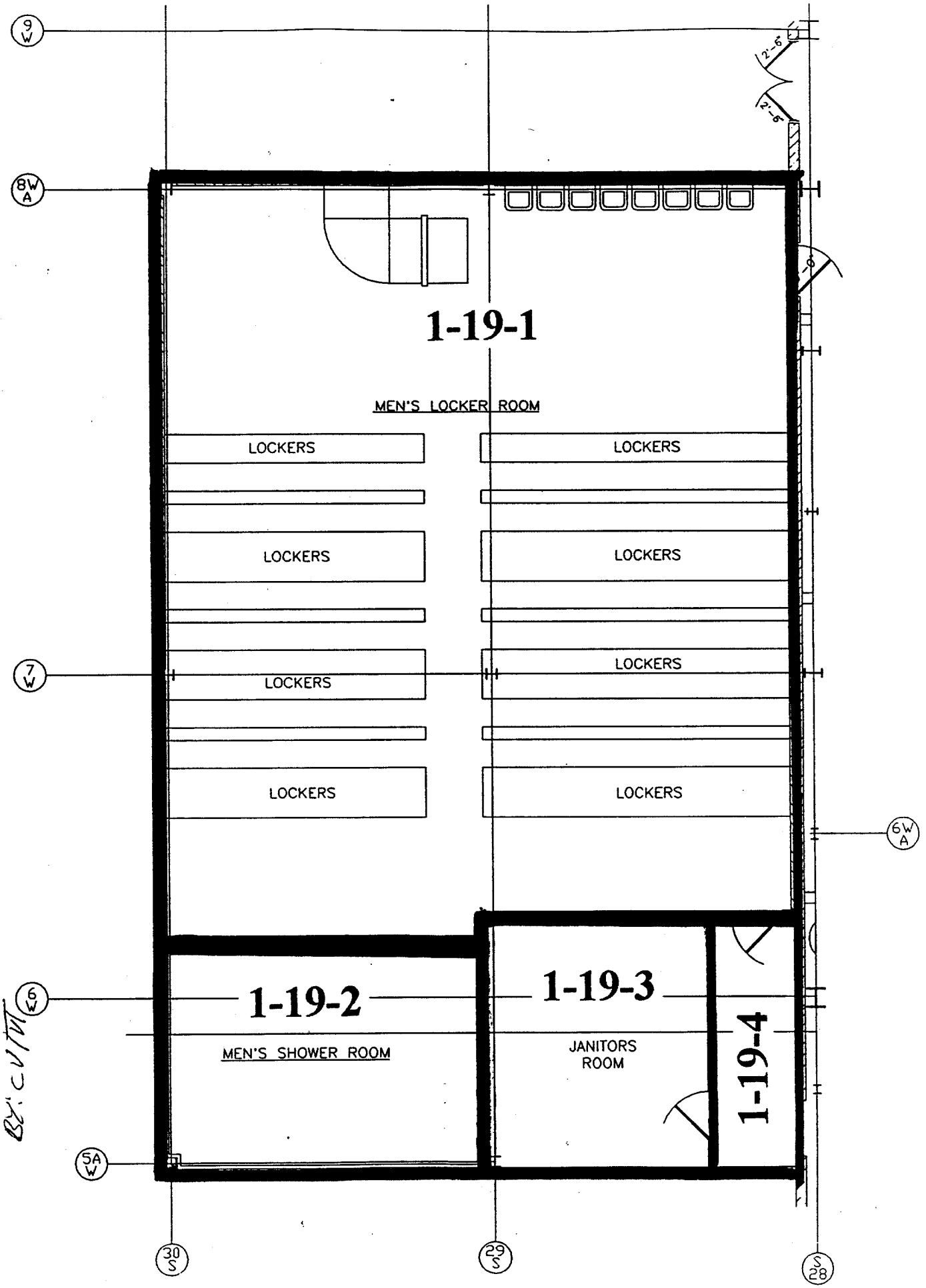
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-19-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
6	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:34
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:36
8	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:39
9	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 12:41
10	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/29/95 12:43
11	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 12:45
12	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/29/95 12:47



UNIT: 1-19-1
SN: 01-376
DATE: 5-24-95
BY: CVM

Blairsville Point Survey Form #003

Survey Serial #:	01-377
Survey Section:	1
Survey Unit:	19
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/24/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	346

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	A.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
CEILING	3	-1	N/A	N/A	N/A	N/A	1	7	308	12	423	290	0.48	2	0.85	3	PAINTED METAL
CEILING	3	-3	N/A	N/A	N/A	N/A	1	7	313	12	361	320	-0.99	2	0.85	3	PAINTED METAL
CEILING	2	-2	N/A	N/A	N/A	N/A	3	7	362	12	390	340	-0.99	2	-1.80	3	PAINTED METAL
CEILING	1	-4	N/A	N/A	N/A	N/A	1	7	271	12	452	250	-0.99	2	-4.46	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-377.XLD
Batch Ended: 8/29/95 12:56
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: 1440

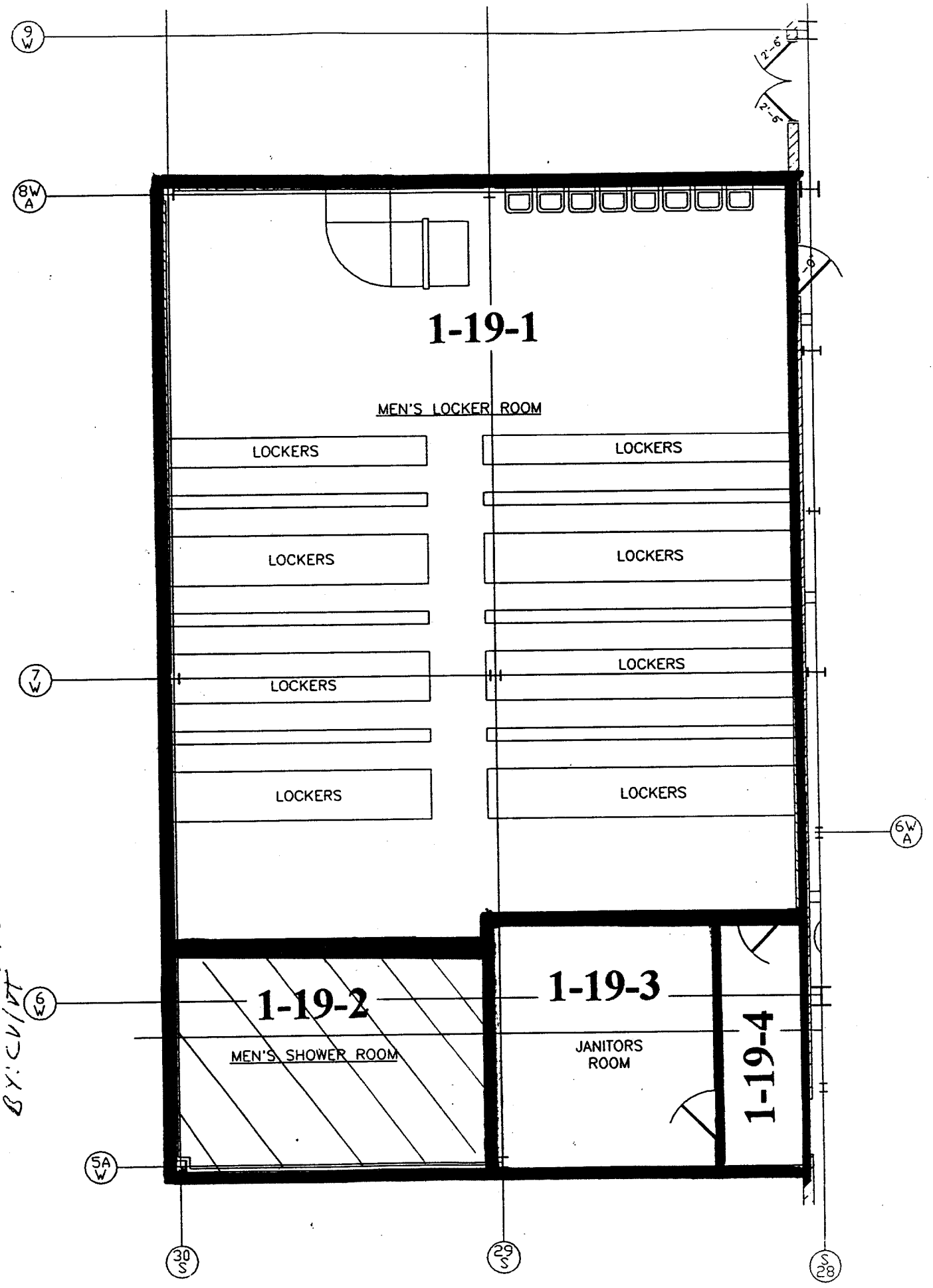
Application Revision: 3
Application Version: Standard

Batch ID: BLAIRSVILLE 1-19-2

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
1	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/29/95 12:50
2	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 12:52
3	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 12:54
4	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 12:56



UNIT: 1-19-2
SN: 01-377
DATE: 5-24-95
BY: CV/VT

Blairsville Point Survey Form #003

Survey Serial #:	01-378

Survey Section:	1
Survey Unit:	19
Survey Sub-unit:	4

Classification:	4
Survey Type:	UPPER

Survey Date:	5/25/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	1	-1	N/A	N/A	N/A	N/A	2	7	279	12	496	330	-0.99	2	-0.47	3	PAINTED METAL
CEILING	2	-1	N/A	N/A	N/A	N/A	0	7	308	12	477	320	-0.99	2	-3.13	3	PAINTED METAL
CEILING	4	-1	N/A	N/A	N/A	N/A	1	7	346	12	467	310	-0.99	2	-1.80	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-378.XLD
Batch Ended: 8/29/95 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: 1440

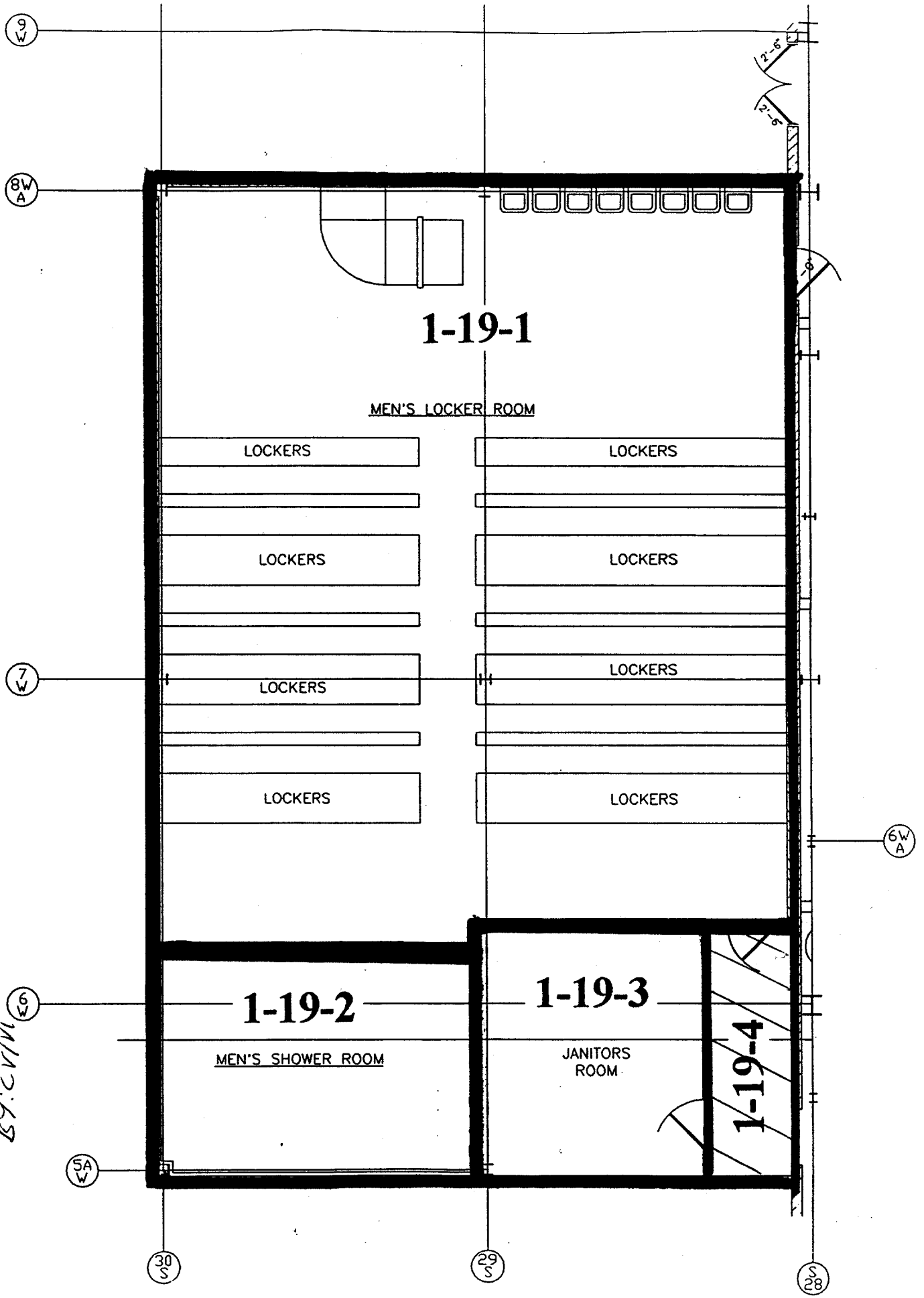
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
5	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 12:59
6	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 13:01
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 13:03



UNIT: 1-19-4
SN: 01-378
DATE: 5-25-95
BY: CVM

Blairsville Point Survey Form #003

Survey Serial #:	01-379
Survey Section:	1
Survey Unit:	19
Survey Sub-unit:	3
Classification:	4
Survey Type:	UPPER
Survey Date:	5/25/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	276

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	1	-2	N/A	N/A	N/A	N/A	1	7	256	12	435	300	4.90	2	-0.47	3	PAINTED METAL
CEILING	3	-2	N/A	N/A	N/A	N/A	1	7	283	12	546	300	-0.99	2	-0.47	3	PAINTED METAL
CEILING	4	-2	N/A	N/A	N/A	N/A	0	7	289	12	407	300	0.48	2	-1.80	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-379.XLD
Batch Ended: 8/29/95 13:10
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: 1440

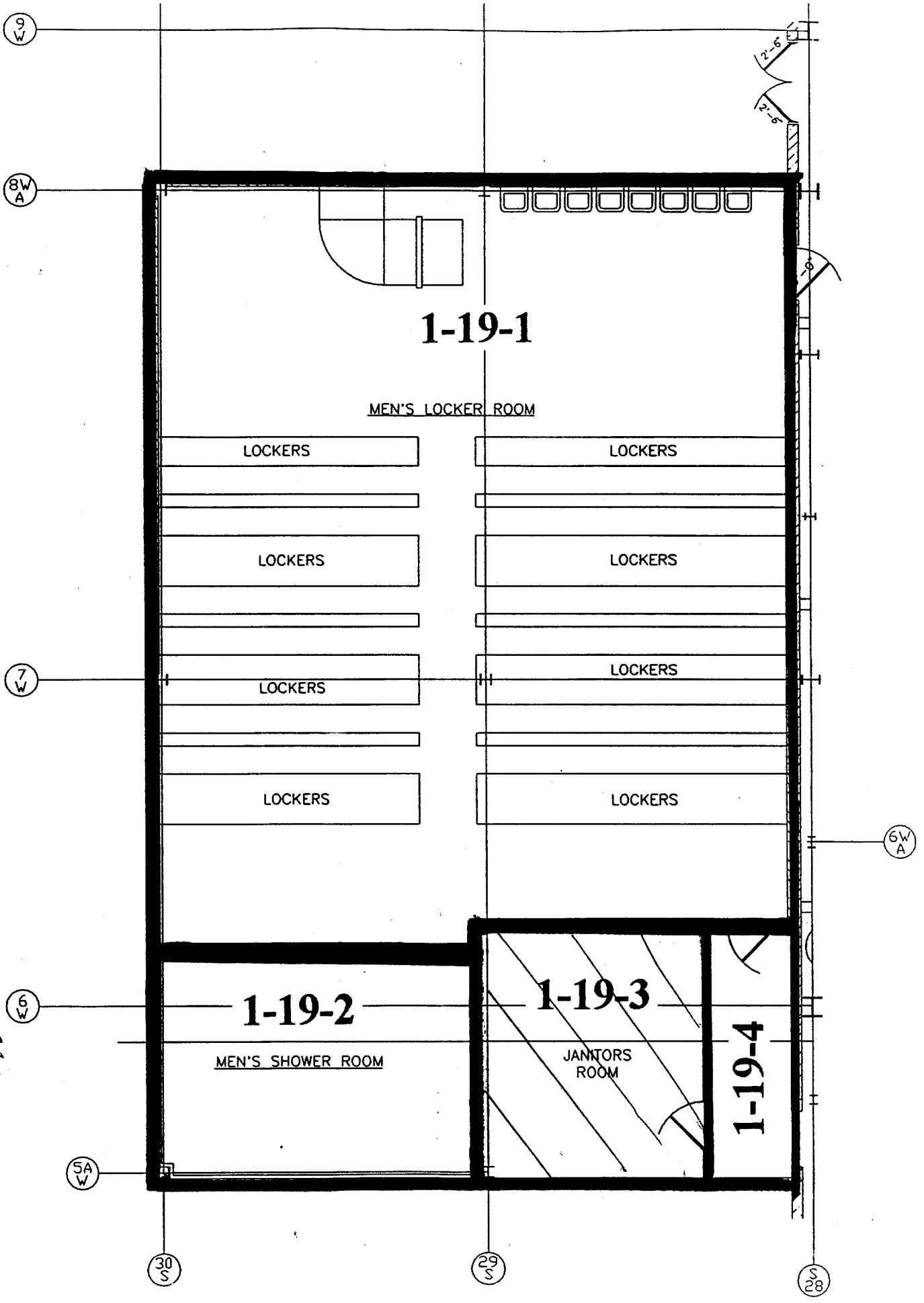
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
8	4.901	2.95	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	1.664	-0.18	8/29/95 13:05
9	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 13:08
10	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 13:10



UNIT: 1-19-3
SN: 01-379
DATE: 5-25-95
BY: CVIVT

Blairsville Point Survey Form #003

Survey Serial #:	01-380

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

Classification:	5
Survey Type:	UPPER

Survey Date:	5/25/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	282

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	33.96	2.94	0.34

Beta Counting Instruments

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

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	1	-1	N/A	N/A	N/A	N/A	0	7	305	12	451	300	-0.99	2	-4.46	3	PAINTED
CONCRETE	2	-1	N/A	N/A	N/A	N/A	5	7	283	12	450	260	-0.99	2	-3.13	3	PAINTED
CONCRETE	3	-1	N/A	N/A	N/A	N/A	0	7	310	12	58400	330	-0.99	2	-1.80	3	ON CEILING
CONCRETE	4	-1	N/A	N/A	N/A	N/A	1	7	362	12	2570	630	-0.99	2	-1.80	3	PAINTED
CONCRETE	1	-2	N/A	N/A	N/A	N/A	2	7	300	12	463	290	-0.99	2	-1.80	3	PAINTED
CONCRETE	2	-2	N/A	N/A	N/A	N/A	2	7	263	12	483	300	0.48	2	-1.80	3	PAINTED
CONCRETE	3	-2	N/A	N/A	N/A	N/A	2	7	308	12	484	320	0.48	2	-3.13	3	PAINTED
CONCRETE	4	-2	N/A	N/A	N/A	N/A	3	7	292	12	786	320	-0.99	2	-3.13	3	PAINTED
CONCRETE	1	-3	N/A	N/A	N/A	N/A	1	7	333	12	409	280	0.48	2	-1.80	3	PAINTED
CONCRETE	2	-3	N/A	N/A	N/A	N/A	1	7	308	12	460	290	-0.99	2	-1.80	3	PAINTED
CONCRETE	3	-3	N/A	N/A	N/A	N/A	3	7	316	12	475	320	0.48	2	-1.80	3	PAINTED
CONCRETE	4	-3	N/A	N/A	N/A	N/A	4	7	312	12	803	300	-0.99	2	0.85	3	PAINTED
CONCRETE	1	-4	N/A	N/A	N/A	N/A	2	7	287	12	543	330	0.48	2	0.85	3	PAINTED
CONCRETE	2	-4	N/A	N/A	N/A	N/A	2	7	316	12	504	310	-0.99	2	-3.13	3	PAINTED
CONCRETE	3	-4	N/A	N/A	N/A	N/A	5	7	293	12	450	330	-0.99	2	-3.13	3	PAINTED
CONCRETE	4	-4	N/A	N/A	N/A	N/A	5	7	287	12	503	320	-0.99	2	2.18	3	PAINTED

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-380.XLD
Batch Ended: 8/29/95 13:45
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: 1440

Application Revision: 3
Application Version: Standard

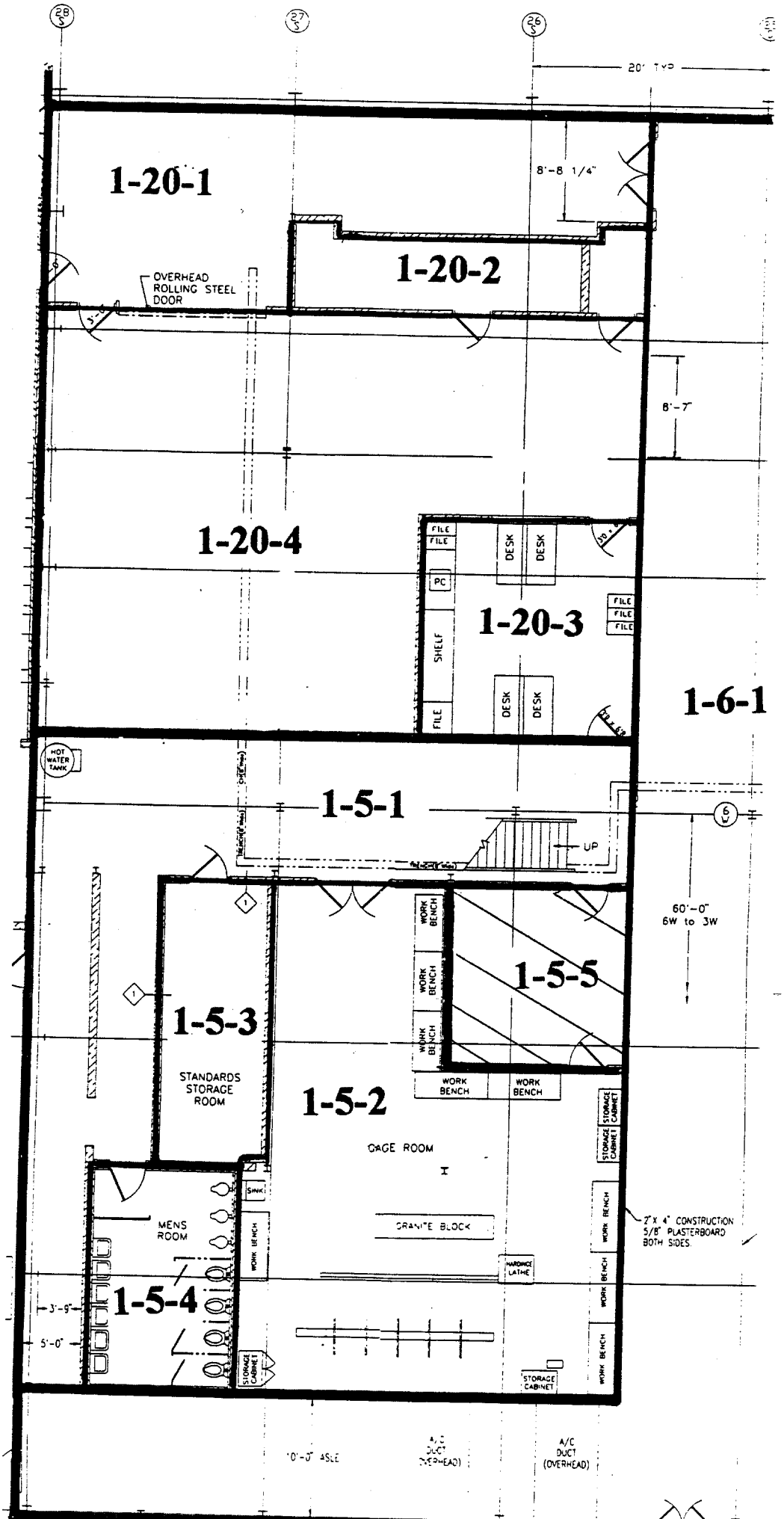
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-5-5

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
11	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 13:12
12	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 13:14
13	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 13:17
14	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 13:19
15	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 13:21
16	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 13:23
17	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 13:25
18	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 13:27
19	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 13:30
20	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 13:32
61	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 13:34
62	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 13:36
63	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/29/95 13:39
64	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 13:41
65	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 13:43
66	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 13:45

UNIT: 1-5-5
SN: 13380
DATE: 5-25-95
BY: CVIAT



IH & S Form #B-001 Blairsville Site — Radiation / Smear Survey —

Survey Date: 5-25-95	Time: 0800	Surveyor: Larry Smith	Signature: Larry Smith
Count Date:	Time:	Counted by:	Signature:

Survey Instrumentation			
Instrument	Code	Efficiency	Background
Ludlum	33	NA	1407 CPM
E52c	17	23.3%	40 CPM
E52c	18	NA	.01 mr/hr

	Counting Equipment		
	Instrument Code	Background CPM	Efficiency %
Alpha	NA		
Beta	NA		

[*] Tennelec instrument data appears on smear printouts.

	Survey type :
X	Radiation
	Smear
	Radiation/Smear
	Other (Specify):

	Survey Purpose	
	Routine	
	Pre RWP #	
	For RWP #	
	Miscellaneous	
	Unconditional Release	S/N:
X	Decommission	S/N: 01-381

Comments: Survey Performed during facility construction process to install new pipe chases. Portion of old chase being removed is illustrated on attached map that this survey is for.

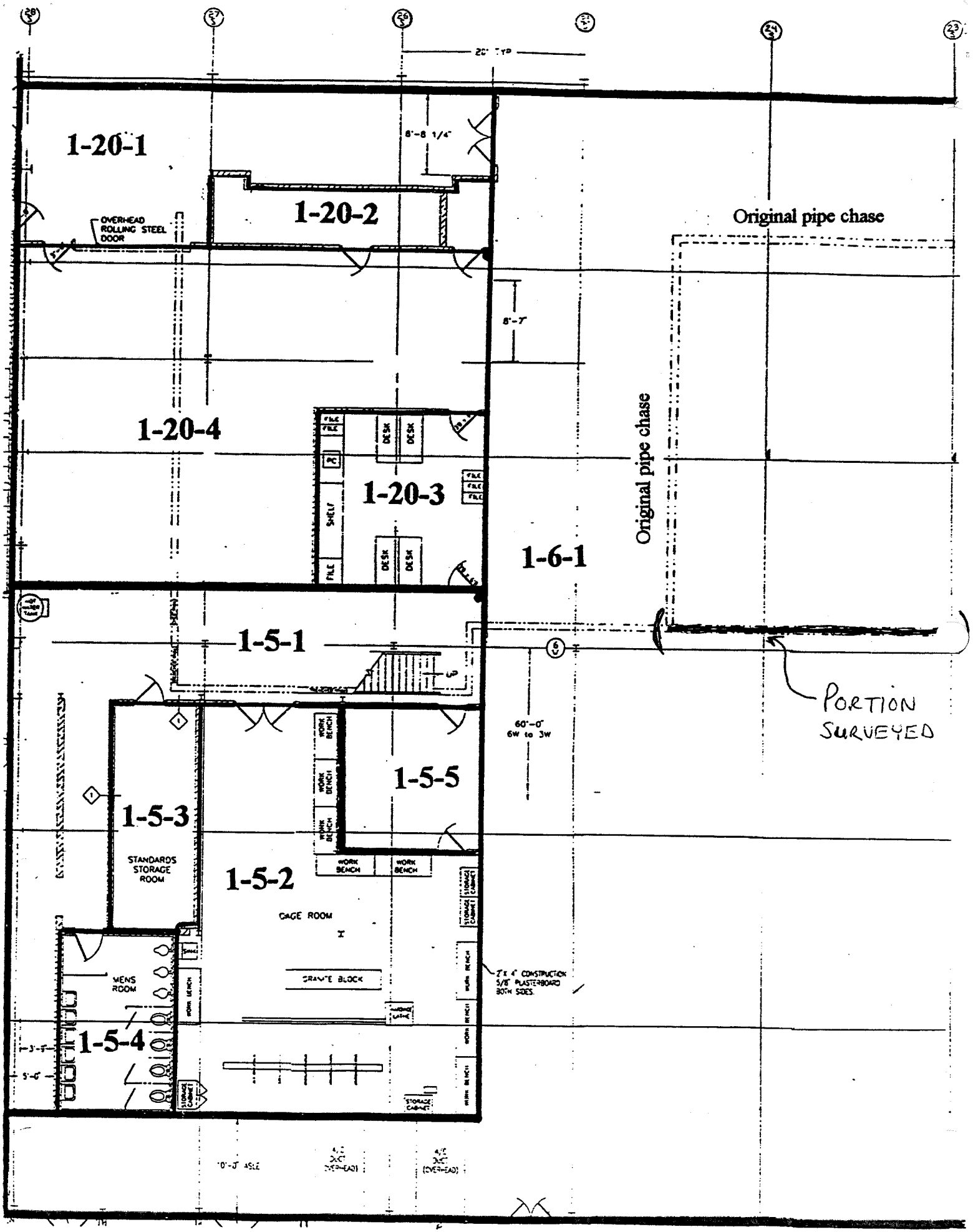
Survey Location:	UNIT 1-7-1 MAIN BUILDING PIPE CHASE		
Survey Description:	PRE REMOVAL	RWP #	NA

Survey results						
Alpha survey results in:		CPM		DPM		other (specify):
Beta survey results in:	X	CPM		DPM		other (specify):
Gamma survey results in:		uR/hr	X	mR/hr		other (specify):
LEG survey results in:	X	CPM		DPM		other (specify):

Smear Survey Summary

Smear results in		pCi		CPM		DPM		Other (specify)

	Alpha Radiation		Beta Radiation		Gamma Radiation		LEG Radiation			Smears	
	Level	Distance	Level	Distance	Level	Distance	Level	Distance	COMMENTS	Alpha	Beta
	NA	NA	≤BKG	CONTACT	≤BKG	CONTACT	1600 AVG	CONTACT	BOTTOM OF TRENCH / PIPE CHASE		
	↓	↓	TO	↓	TO	↓	TO	↓			
	↓	↓	40 NET CPM	↓	.02	↓	2307 MAX	↓			


1-20-1
1-20-2
1-20-4
1-20-3
1-6-1
1-5-1
1-5-5
1-5-3
1-5-2
1-5-4
Original pipe chase
Original pipe chase
PORTION SURVEYED
OVERHEAD ROLLING STEEL DOOR
STANDARDS STORAGE ROOM
CAGE ROOM
MENS ROOM
GRAVITE BLOCK
WORK BENCH
DESK
FILE
SHELF
60'-0" 6W to 3W
2'x 4' CONSTRUCTION 5/8" PLASTERBOARD BOTH SIDES.
10'-0" ASLE

Blairsville Point Survey Form #003

Survey Serial #:	01-382

Survey Section:	1
Survey Unit:	20
Survey Sub-unit:	2

Classification:	5
Survey Type:	UPPER

Survey Date:	5/25/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	5

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	232

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
CEILING	1	-1	N/A	N/A	N/A	N/A	2	7	212	12	468	220	-0.99	2	0.85	3	PAINTED METAL
CEILING	4	-1	N/A	N/A	N/A	N/A	2	7	255	12	393	260	1.96	2	-1.80	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-382.XLD
Batch Ended: 8/29/95 13:50
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: 1440

Application Revision: 3
Application Version: Standard

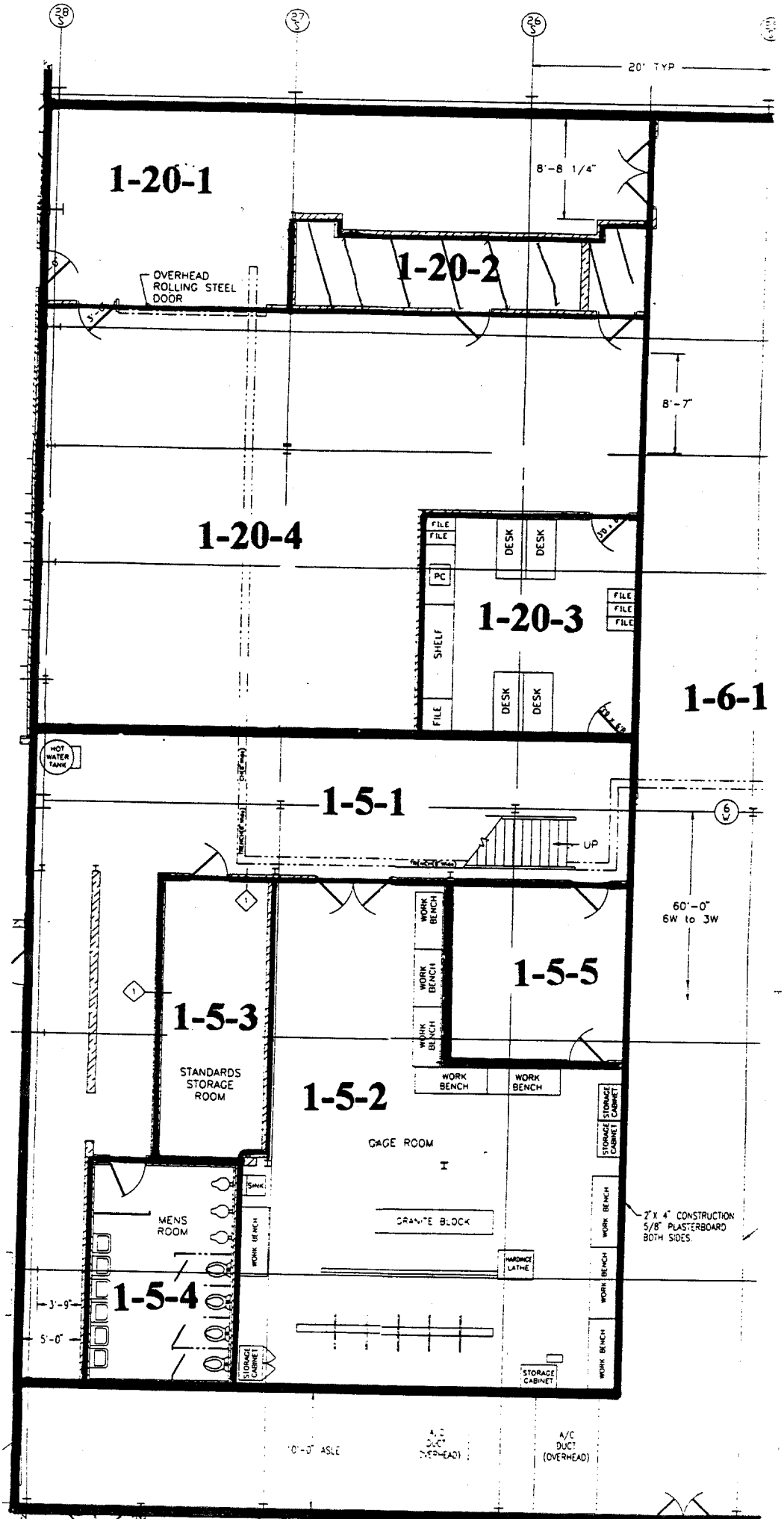
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
21	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 13:48
22	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/29/95 13:50

UNIT: 1-20-2
LN: 01-382
DATE: 5-25-95
BY: CVLVT



Blairsville Point Survey Form #003

Survey Serial #:	01-383

Survey Section:	1
Survey Unit:	21
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	5/30/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	4

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	207

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

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
SOUTH WALL	0	4.5	N/A	N/A	N/A	N/A	2	7	311	12	357	280	0.48	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	2	4.5	N/A	N/A	N/A	N/A	0	7	261	12	359	240	-0.99	2	0.85	3	PAINTED BLOCK
SOUTH WALL	0	2.5	N/A	N/A	N/A	N/A	1	7	287	12	380	260	3.43	2	-4.46	3	PAINTED BLOCK
SOUTH WALL	2	2.5	N/A	N/A	N/A	N/A	2	7	291	12	352	250	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	4	4.5	N/A	N/A	N/A	N/A	1	7	204	12	326	230	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	6	4.5	N/A	N/A	N/A	N/A	1	7	216	12	307	210	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	4	2.5	N/A	N/A	N/A	N/A	2	7	215	12	310	240	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	6	2.5	N/A	N/A	N/A	N/A	1	7	243	12	327	220	-0.99	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	8	2.5	N/A	N/A	N/A	N/A	1	7	211	12	328	210	-0.99	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	10	2.5	N/A	N/A	N/A	N/A	0	7	158	12	254	170	-0.99	2	0.85	3	PAINTED METAL
SOUTH WALL	10	4.5	N/A	N/A	N/A	N/A	1	7	175	12	230	150	-0.99	2	3.51	3	PAINTED METAL
SOUTH WALL	12	2.5	N/A	N/A	N/A	N/A	3	7	331	12	426	220	-0.99	2	7.50	3	PAINTED BLOCK
SOUTH WALL	12	4.5	N/A	N/A	N/A	N/A	2	7	299	12	298	160	-0.99	2	0.85	3	PAINTED METAL
SOUTH WALL	14	2.5	N/A	N/A	N/A	N/A	1	7	340	12	415	210	-0.99	2	2.18	3	PAINTED BLOCK
SOUTH WALL	14	4.5	N/A	N/A	N/A	N/A	3	7	322	12	395	230	-0.99	2	0.85	3	PAINTED METAL
SOUTH WALL	16	2.5	N/A	N/A	N/A	N/A	3	7	356	12	475	290	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	16	4.5	N/A	N/A	N/A	N/A	4	7	307	12	305	290	-0.99	2	-1.80	3	PAINTED METAL
SOUTH WALL	18	2.5	N/A	N/A	N/A	N/A	4	7	369	12	440	240	0.48	2	-0.47	3	PAINTED BLOCK
SOUTH WALL	18	4.5	N/A	N/A	N/A	N/A	6	7	318	12	379	280	3.43	2	0.85	3	PAINTED METAL
EAST WALL	9.5	4	N/A	N/A	N/A	N/A	0	7	254	12	362	260	0.48	2	-0.47	3	PAINTED BLOCK
EAST WALL	11.5	4	N/A	N/A	N/A	N/A	3	7	276	12	351	220	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	9.5	6	N/A	N/A	N/A	N/A	3	7	251	12	360	250	-0.99	2	-4.46	3	PAINTED METAL
EAST WALL	11.5	6	N/A	N/A	N/A	N/A	1	7	241	12	347	240	-0.99	2	-0.47	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-383

Survey Section:	1
Survey Unit:	21
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	5/30/95
Count Date:	8/29/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	207

Gamma or Beta/Gamma Instruments

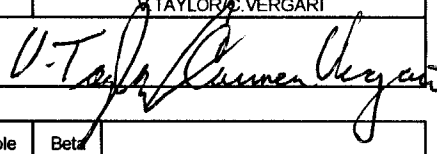
Inst. S/N	Inst. Code	Bkg.	Detection Type

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	M.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
EAST WALL	13	4	N/A	N/A	N/A	N/A	0	7	290	12	493	330	0.48	2	-3.13	3	PAINTED BLOCK
EAST WALL	13	6	N/A	N/A	N/A	N/A	3	7	224	12	478	340	-0.99	2	-0.47	3	PAINTED METAL
EAST WALL	16	4	N/A	N/A	N/A	N/A	2	7	473	12	482	360	-0.99	2	-4.46	3	PAINTED BLOCK
EAST WALL	16	6	N/A	N/A	N/A	N/A	1	7	340	12	615	350	0.48	2	-4.46	3	PAINTED METAL
EAST WALL	24	4	N/A	N/A	N/A	N/A	0	7	490	12	586	420	0.48	2	-1.80	3	PAINTED BLOCK
EAST WALL	24	6	N/A	N/A	N/A	N/A	5	7	461	12	560	420	-0.99	2	-0.47	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-383.XLD
Batch Ended: 8/29/95 15:06
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-21-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 13:52
2	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 13:54
3	3.429	2.56	<AL	7.98	-4.46	1.36	<MDA	11.67	2.00	1.164	-1.68	8/29/95 13:56
4	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 13:59
5	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 14:01
6	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 14:03
7	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 14:05
8	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/29/95 14:07
9	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 14:10
10	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 14:12
11	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/29/95 14:14
12	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/29/95 14:16
13	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 14:18
14	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/29/95 14:21
15	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/29/95 14:23
16	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 14:25
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 14:27
18	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 14:30
19	3.429	2.56	<AL	7.98	0.85	2.68	<MDA	11.67	2.00	1.164	0.32	8/29/95 14:32
20	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/29/95 14:34
21	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/29/95 14:36
22	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 14:38
23	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 14:41
24	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/29/95 14:43

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-383.XLD
Batch Ended: 8/29/95 15:06
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: 1440

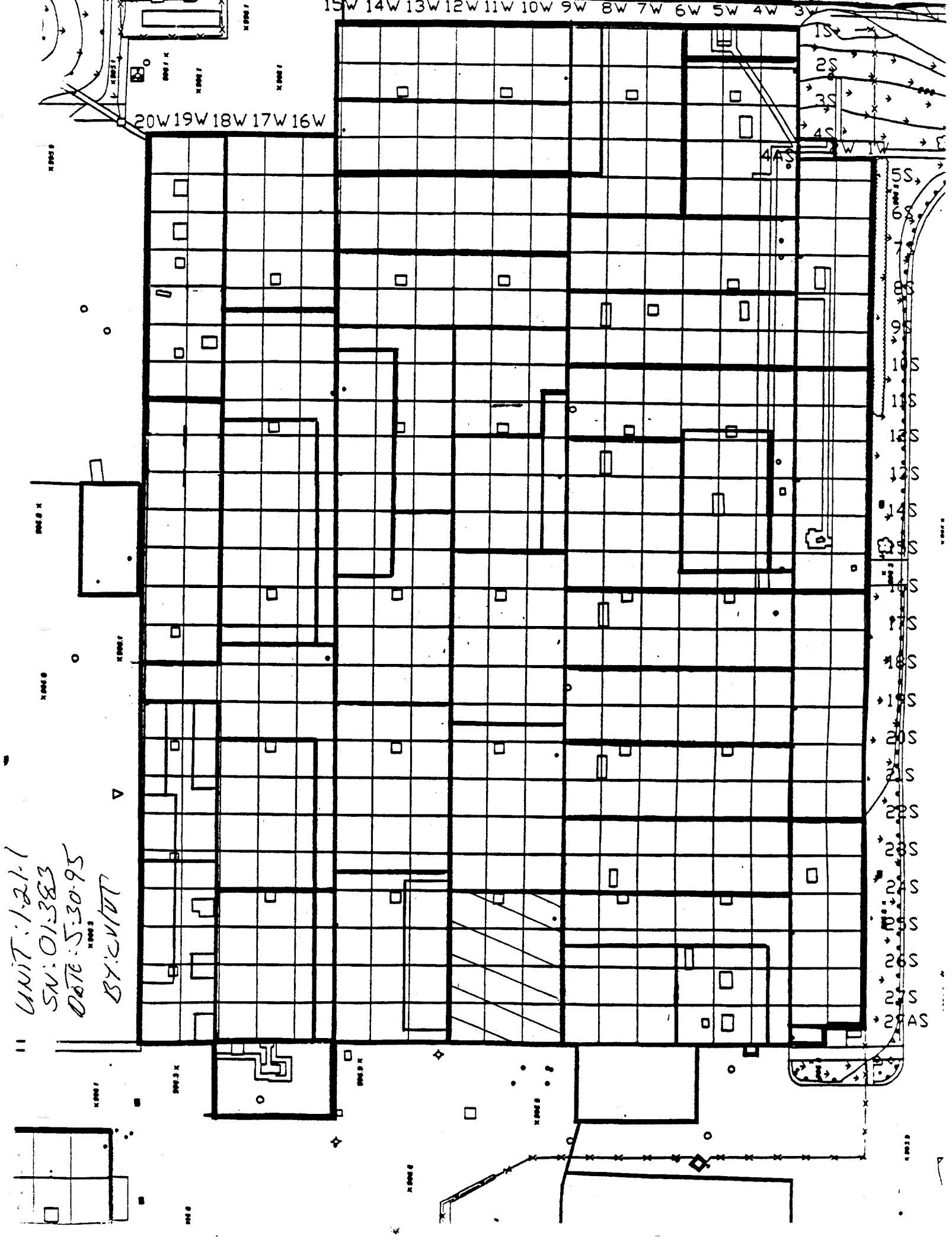
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-21-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
25	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 14:45
26	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/29/95 14:47
27	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/29/95 14:49
28	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/29/95 14:52
29	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/29/95 15:06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15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W
1S
2S
3S
4S
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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: 1-21-1
SN: 01383
DATE: 5-30-95
BY: CVMT

Blairsville Point Survey Form #003

Survey Serial #:	01-384
Survey Section:	1
Survey Unit:	33
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/30/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	276

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
NORTH WALL	7	3	N/A	N/A	N/A	N/A	3	7	302	12	385	280	-0.99	2	2.18	3	PAINTED BLOCK
NORTH WALL	7	4.5	N/A	N/A	N/A	N/A	5	7	285	12	378	270	0.48	2	-3.13	3	PAINTED BLOCK
NORTH WALL	9	3	N/A	N/A	N/A	N/A	0	7	283	12	336	240	1.96	2	2.18	3	PAINTED BLOCK
NORTH WALL	9	4.5	N/A	N/A	N/A	N/A	1	7	274	12	326	220	1.96	2	-3.13	3	PAINTED BLOCK
EAST WALL	2	3	N/A	N/A	N/A	N/A	2	7	308	12	426	300	0.48	2	0.85	3	PAINTED BLOCK
EAST WALL	2	4.5	N/A	N/A	N/A	N/A	0	7	264	12	372	270	-0.99	2	2.18	3	PAINTED BLOCK
EAST WALL	2	6	N/A	N/A	N/A	N/A	0	7	261	12	314	230	0.48	2	2.18	3	PAINTED BLOCK
EAST WALL	4	6	N/A	N/A	N/A	N/A	1	7	218	12	341	200	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	2	4	N/A	N/A	N/A	N/A	1	7	254	12	353	240	1.96	2	-3.13	3	PAINTED BLOCK
EAST WALL	4	4	N/A	N/A	N/A	N/A	0	7	271	12	291	230	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	6	6	N/A	N/A	N/A	N/A	2	7	200	12	326	210	1.96	2	-3.13	3	PAINTED BLOCK
EAST WALL	8	6	N/A	N/A	N/A	N/A	0	7	269	12	340	200	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	6	4	N/A	N/A	N/A	N/A	1	7	258	12	339	220	0.48	2	0.85	3	PAINTED BLOCK
EAST WALL	8	4	N/A	N/A	N/A	N/A	4	7	275	12	342	260	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	10	6	N/A	N/A	N/A	N/A	1	7	196	12	376	250	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	12	6	N/A	N/A	N/A	N/A	3	7	199	12	378	240	0.48	2	-1.80	3	PAINTED BLOCK
EAST WALL	10	4	N/A	N/A	N/A	N/A	2	7	245	12	300	230	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	12	4	N/A	N/A	N/A	N/A	3	7	222	12	379	230	-0.99	2	-0.47	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-384.XLD
Batch Ended: 8/30/95 4:53
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: 1440

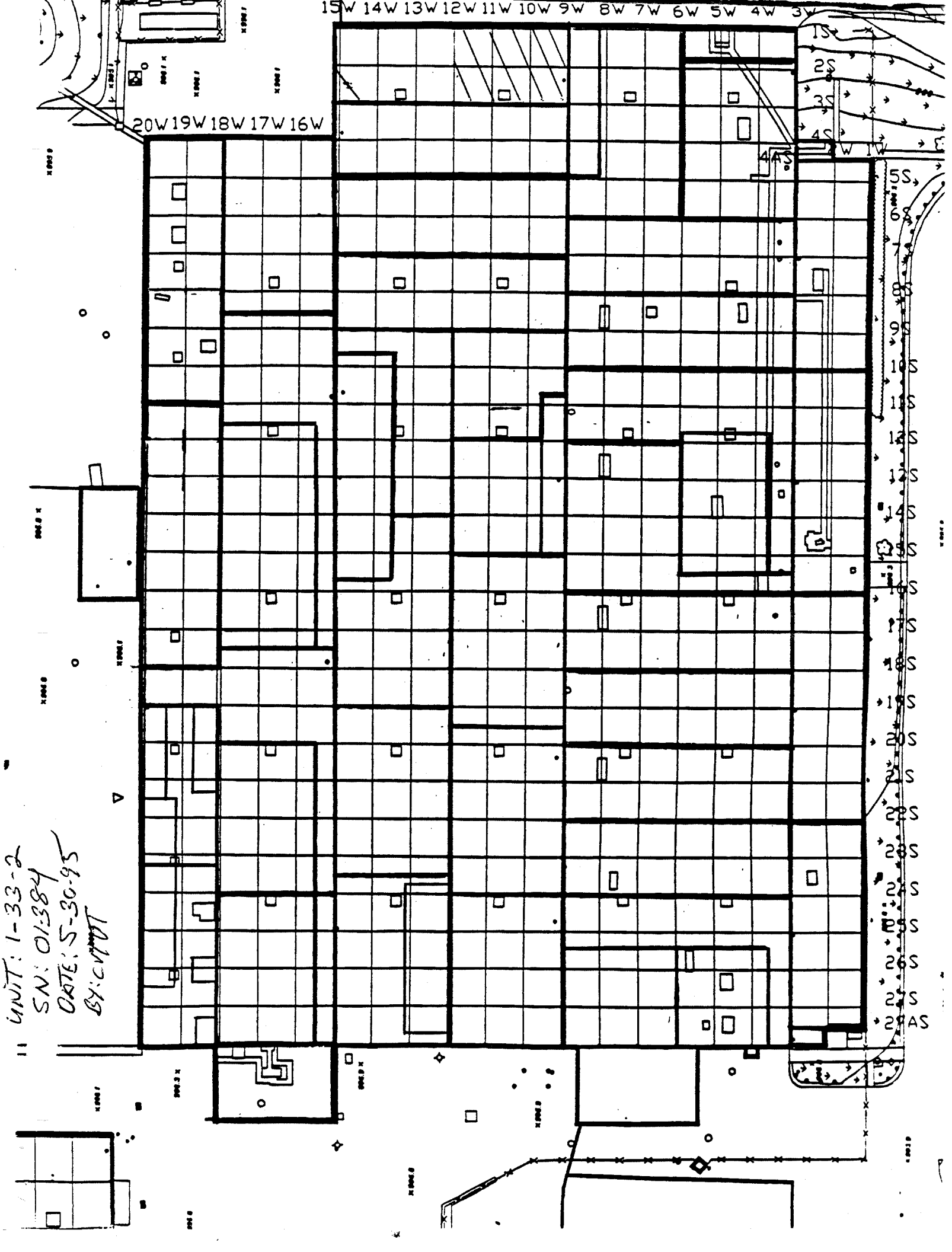
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
1	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 4:15
2	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 4:17
3	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/30/95 4:19
4	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 4:22
5	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 4:24
6	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 4:26
7	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 4:28
8	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 4:30
9	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 4:33
10	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 4:35
11	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 4:37
12	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 4:39
13	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 4:41
14	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 4:44
15	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 4:46
16	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 4:48
17	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 4:50
18	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 4:53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23S
24S
25S
26S
27S
28AS
UNIT: 1-33-2
SN: 01384
DATE: 5-30-95
BY: CVMT

Blairsville Point Survey Form #003

Survey Serial #:	01-385
Survey Section:	1
Survey Unit:	32
Survey Sub-unit:	2
Classification:	4
Survey Type:	UPPER
Survey Date:	5/31/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	225

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
EAST WALL	1	4	N/A	N/A	N/A	N/A	2	7	248	12	453	230	1.96	2	4.84	3	PAINTED BLOCK
EAST WALL	2	4	N/A	N/A	N/A	N/A	2	7	273	12	366	220	-0.99	2	-4.46	3	PAINTED BLOCK
EAST WALL	3	4	N/A	N/A	N/A	N/A	1	7	292	12	328	230	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	1	6	N/A	N/A	N/A	N/A	5	7	239	12	362	220	0.48	2	0.85	3	PAINTED BLOCK
EAST WALL	2	6	N/A	N/A	N/A	N/A	1	7	197	12	367	260	-0.99	2	2.18	3	PAINTED BLOCK
EAST WALL	3	6	N/A	N/A	N/A	N/A	2	7	255	12	314	230	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	4	4	N/A	N/A	N/A	N/A	1	7	274	12	368	240	0.48	2	-0.47	3	PAINTED BLOCK
EAST WALL	5	4	N/A	N/A	N/A	N/A	2	7	248	12	337	230	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	6	4	N/A	N/A	N/A	N/A	3	7	250	12	344	240	0.48	2	-0.47	3	PAINTED BLOCK
EAST WALL	4	6	N/A	N/A	N/A	N/A	2	7	220	12	385	250	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	5	6	N/A	N/A	N/A	N/A	3	7	209	12	343	230	0.48	2	-1.80	3	PAINTED BLOCK
EAST WALL	6	6	N/A	N/A	N/A	N/A	3	7	192	12	356	220	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	7	4	N/A	N/A	N/A	N/A	1	7	250	12	348	240	0.48	2	3.51	3	PAINTED BLOCK
EAST WALL	7	6	N/A	N/A	N/A	N/A	3	7	202	12	314	220	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	8	4	N/A	N/A	N/A	N/A	4	7	255	12	307	230	-0.99	2	3.51	3	PAINTED BLOCK
EAST WALL	9	4	N/A	N/A	N/A	N/A	3	7	230	12	383	230	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	8	6	N/A	N/A	N/A	N/A	4	7	222	12	353	240	0.48	2	2.18	3	PAINTED BLOCK
EAST WALL	9	6	N/A	N/A	N/A	N/A	5	7	238	12	410	220	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	10	4	N/A	N/A	N/A	N/A	4	7	248	12	335	230	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	11	4	N/A	N/A	N/A	N/A	4	7	263	12	421	230	0.48	2	-1.80	3	PAINTED BLOCK
EAST WALL	12	4	N/A	N/A	N/A	N/A	3	7	290	12	385	230	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	10	6	N/A	N/A	N/A	N/A	2	7	250	12	466	240	3.43	2	0.85	3	PAINTED BLOCK
EAST WALL	11	6	N/A	N/A	N/A	N/A	0	7	227	12	482	220	-0.99	2	2.18	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-385

Survey Section:	1
Survey Unit:	32
Survey Sub-unit:	2

Classification:	4
Survey Type:	UPPER

Survey Date:	5/31/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	225

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
EAST WALL	12	6	N/A	N/A	N/A	N/A	2	7	257	12	407	220	0.48	2	-0.47	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-385.XLD
Batch Ended: 8/30/95 7:20
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: 1440

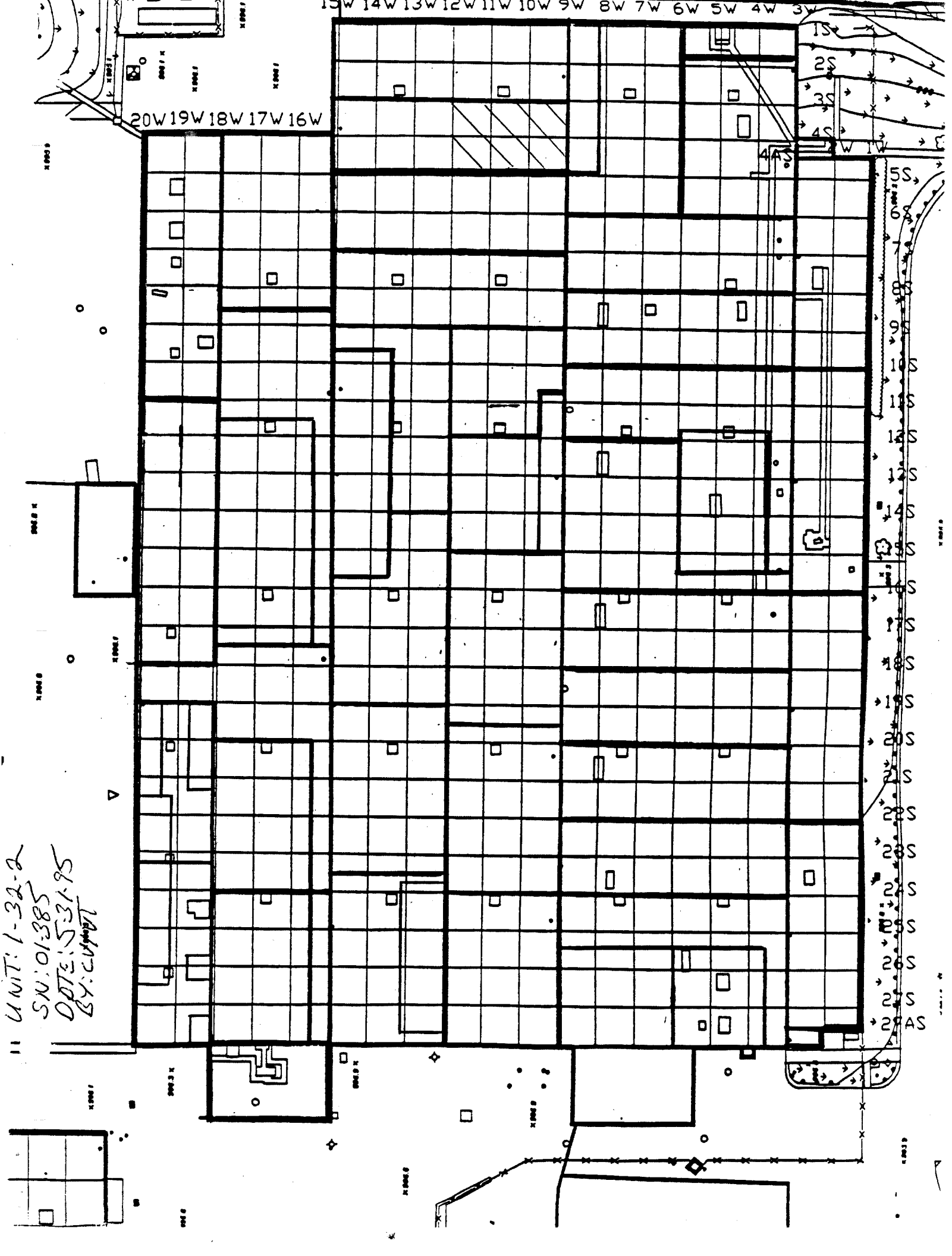
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-32-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
19	1.956	2.09	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.664	1.82	8/30/95 6:29
20	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/30/95 6:31
21	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 6:34
22	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 6:36
23	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 6:38
24	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 6:40
25	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 6:42
26	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 6:45
27	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 6:47
28	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 6:49
29	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 6:51
30	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 6:54
31	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/30/95 6:56
32	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 6:58
33	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 7:00
34	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 7:02
35	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 7:05
36	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 7:07
37	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 7:09
39	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 7:11
38	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 7:13
40	3.429	2.56	<AL	7.98	0.85	2.68	<MDA	11.67	2.00	1.164	0.32	8/30/95 7:16
41	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 7:18
42	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 7:20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24S
25S
26S
27S
28AS
UNIT: 1-32-2
SN: 01385
DATE: 5-31-95
BY: CLIMATT

Blairsville Point Survey Form #003

Survey Serial #:	01-386
Survey Section:	1
Survey Unit:	39
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	6/1/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	245

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
NORTH WALL	1	3	N/A	N/A	N/A	N/A	1	7	297	12	339	240	0.48	2	0.85	3	PAINTED BLOCK
NORTH WALL	2	3	N/A	N/A	N/A	N/A	3	7	265	12	373	235	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	1	4.5	N/A	N/A	N/A	N/A	3	7	296	12	344	250	0.48	2	3.51	3	PAINTED BLOCK
NORTH WALL	2	4.5	N/A	N/A	N/A	N/A	4	7	290	12	327	230	0.48	2	4.84	3	PAINTED BLOCK
NORTH WALL	3	3	N/A	N/A	N/A	N/A	4	7	264	12	422	250	-0.99	2	8.83	3	PAINTED BLOCK
NORTH WALL	4	3	N/A	N/A	N/A	N/A	0	7	260	12	432	260	-0.99	2	2.18	3	PAINTED BLOCK
NORTH WALL	5	3	N/A	N/A	N/A	N/A	1	7	283	12	336	270	-0.99	2	4.84	3	PAINTED BLOCK
NORTH WALL	3	4.5	N/A	N/A	N/A	N/A	1	7	290	12	464	260	0.48	2	-0.47	3	PAINTED BLOCK
NORTH WALL	4	4.5	N/A	N/A	N/A	N/A	2	7	253	12	370	230	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	5	5.5	N/A	N/A	N/A	N/A	6	7	245	12	312	240	-0.99	2	3.51	3	PAINTED BLOCK
NORTH WALL	6	3	N/A	N/A	N/A	N/A	5	7	272	12	337	240	-0.99	2	0.85	3	PAINTED BLOCK
NORTH WALL	7	3	N/A	N/A	N/A	N/A	2	7	285	12	351	230	1.96	2	3.51	3	PAINTED BLOCK
NORTH WALL	6	4.5	N/A	N/A	N/A	N/A	2	7	242	12	359	240	0.48	2	-0.47	3	PAINTED BLOCK
NORTH WALL	7	4.5	N/A	N/A	N/A	N/A	1	7	271	12	315	250	0.48	2	-3.13	3	PAINTED BLOCK
NORTH WALL	8	3	N/A	N/A	N/A	N/A	3	7	267	12	373	240	-0.99	2	2.18	3	PAINTED BLOCK
NORTH WALL	9	3	N/A	N/A	N/A	N/A	2	7	296	12	341	250	-0.99	2	2.18	3	PAINTED BLOCK
NORTH WALL	10	3	N/A	N/A	N/A	N/A	1	7	278	12	346	240	-0.99	2	2.18	3	PAINTED BLOCK
NORTH WALL	8	4.5	N/A	N/A	N/A	N/A	0	7	264	12	345	250	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	9	4.5	N/A	N/A	N/A	N/A	3	7	309	12	411	240	0.48	2	2.18	3	PAINTED BLOCK
NORTH WALL	10	4.5	N/A	N/A	N/A	N/A	2	7	251	12	331	250	1.96	2	2.18	3	PAINTED BLOCK
NORTH WALL	11	3	N/A	N/A	N/A	N/A	5	7	272	12	319	260	0.48	2	3.51	3	PAINTED BLOCK
NORTH WALL	12	3	N/A	N/A	N/A	N/A	3	7	255	12	418	250	1.96	2	-3.13	3	PAINTED BLOCK
NORTH WALL	13	3	N/A	N/A	N/A	N/A	3	7	260	12	394	230	-0.99	2	0.85	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-386
Survey Section:	1
Survey Unit:	39
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	6/1/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	245

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
NORTH WALL	11	4.5	N/A	N/A	N/A	N/A	0	7	248	12	328	240	0.48	2	-0.47	3	PAINTED BLOCK
NORTH WALL	12	4.5	N/A	N/A	N/A	N/A	0	7	267	12	429	240	-0.99	2	-3.13	3	PAINTED BLOCK
NORTH WALL	13	4.5	N/A	N/A	N/A	N/A	0	7	260	12	388	240	0.48	2	0.85	3	PAINTED BLOCK
WEST WALL	11	4	N/A	N/A	N/A	N/A	5	7	232	12	313	210	-0.99	2	3.51	3	PAINTED BLOCK
WEST WALL	12	4	N/A	N/A	N/A	N/A	1	7	213	12	338	220	0.48	2	2.18	3	PAINTED BLOCK
WEST WALL	13	4	N/A	N/A	N/A	N/A	0	7	247	12	318	220	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	11	6	N/A	N/A	N/A	N/A	0	7	219	12	295	210	0.48	2	-1.80	3	PAINTED BLOCK
WEST WALL	12	6	N/A	N/A	N/A	N/A	2	7	210	12	324	210	0.48	2	-4.46	3	PAINTED BLOCK
WEST WALL	13	6	N/A	N/A	N/A	N/A	4	7	226	12	353	200	-0.99	2	0.85	3	PAINTED BLOCK
WEST WALL	17	4	N/A	N/A	N/A	N/A	1	7	235	12	309	210	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	18	4	N/A	N/A	N/A	N/A	1	7	206	12	310	210	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	19	4	N/A	N/A	N/A	N/A	0	7	200	12	257	190	0.48	2	0.85	3	PAINTED BLOCK
WEST WALL	17	6	N/A	N/A	N/A	N/A	1	7	224	12	438	230	-0.99	2	2.18	3	PAINTED BLOCK
WEST WALL	18	6	N/A	N/A	N/A	N/A	0	7	197	12	498	300	0.48	2	-0.47	3	PAINTED BLOCK
WEST WALL	19	6	N/A	N/A	N/A	N/A	2	7	200	12	981	210	-0.99	2	0.85	3	PAINTED BLOCK
WEST WALL	20	4	N/A	N/A	N/A	N/A	5	7	234	12	494	220	1.96	2	2.18	3	PAINTED BLOCK
WEST WALL	21	4	N/A	N/A	N/A	N/A	5	7	252	12	524	220	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	22	4	N/A	N/A	N/A	N/A	1	7	207	12	307	190	-0.99	2	0.85	3	PAINTED METAL
WEST WALL	20	6	N/A	N/A	N/A	N/A	4	7	247	12	951	250	-0.99	2	-0.47	3	PAINTED BLOCK
WEST WALL	21	6	N/A	N/A	N/A	N/A	2	7	268	12	653	250	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	22	6	N/A	N/A	N/A	N/A	6	7	202	12	566	190	0.48	2	-3.13	3	PAINTED METAL
WEST WALL	23	4	N/A	N/A	N/A	N/A	3	7	250	12	382	200	0.48	2	8.83	3	PAINTED BLOCK
WEST WALL	24	4	N/A	N/A	N/A	N/A	1	7	225	12	368	190	0.48	2	4.84	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-386
Survey Section:	1
Survey Unit:	39
Survey Sub-unit:	1
Classification:	5
Survey Type:	UPPER
Survey Date:	6/1/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	245

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	33.96	2.94	0.34

Beta Counting Instruments

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

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
WEST WALL	25	4	N/A	N/A	N/A	N/A	3	7	221	12	378	220	-0.99	2	2.18	3	PAINTED BLOCK
WEST WALL	23	6	N/A	N/A	N/A	N/A	3	7	207	12	668	250	-0.99	2	2.18	3	PAINTED BLOCK
WEST WALL	24	6	N/A	N/A	N/A	N/A	4	7	217	12	450	260	1.96	2	2.18	3	PAINTED BLOCK
WEST WALL	25	6	N/A	N/A	N/A	N/A	3	7	208	12	359	200	-0.99	2	0.85	3	PAINTED BLOCK
WEST WALL	26	4	N/A	N/A	N/A	N/A	0	7	241	12	332	220	-0.99	2	-3.13	3	PAINTED BLOCK
WEST WALL	27	4	N/A	N/A	N/A	N/A	5	7	204	12	358	190	0.48	2	-1.80	3	PAINTED BLOCK
WEST WALL	28	4	N/A	N/A	N/A	N/A	3	7	180	12	385	200	-0.99	2	-1.80	3	PAINTED BLOCK
WEST WALL	26	6	N/A	N/A	N/A	N/A	5	7	197	12	757	240	-0.99	2	-4.46	3	PAINTED BLOCK
WEST WALL	27	6	N/A	N/A	N/A	N/A	1	7	224	12	598	260	0.48	2	0.85	3	PAINTED BLOCK
WEST WALL	28	6	N/A	N/A	N/A	N/A	1	7	199	12	624	210	0.48	2	-3.13	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-386.XLD
Batch Ended: 8/30/95 9:24
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
43	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 7:22
44	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 7:24
45	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/30/95 7:27
46	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/30/95 7:29
47	-0.989	1.48	<MDA	7.98	8.83	4.22	<AL	11.67	2.00	-0.336	3.32	8/30/95 7:31
48	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 7:33
49	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/30/95 7:36
50	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 7:38
51	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 7:40
52	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 7:42
53	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 7:44
54	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/30/95 7:47
55	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 7:49
56	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 7:51
57	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 7:53
58	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 7:55
59	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 7:58
60	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 8:00
61	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 8:02
62	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/30/95 8:04
63	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/30/95 8:06
64	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 8:09
65	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 8:11
66	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 8:13

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-386.XLD
Batch Ended: 8/30/95 9:24
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
67	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 8:15
68	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 8:17
69	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 8:20
70	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 8:22
71	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 8:24
73	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 8:26
72	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/30/95 8:29
74	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 8:31
75	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 8:33
76	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 8:35
77	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 8:37
78	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 8:39
79	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 8:42
80	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 8:44
81	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/30/95 8:46
82	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 8:48
83	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 8:51
84	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 8:53
85	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 8:55
86	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 8:57
87	0.484	1.48	<MDA	7.98	8.83	4.22	<AL	11.67	2.00	0.164	3.32	8/30/95 8:59
88	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/30/95 9:02
89	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 9:04
90	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 9:06

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-386.XLD
Batch Ended: 8/30/95 9:24
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: 1440

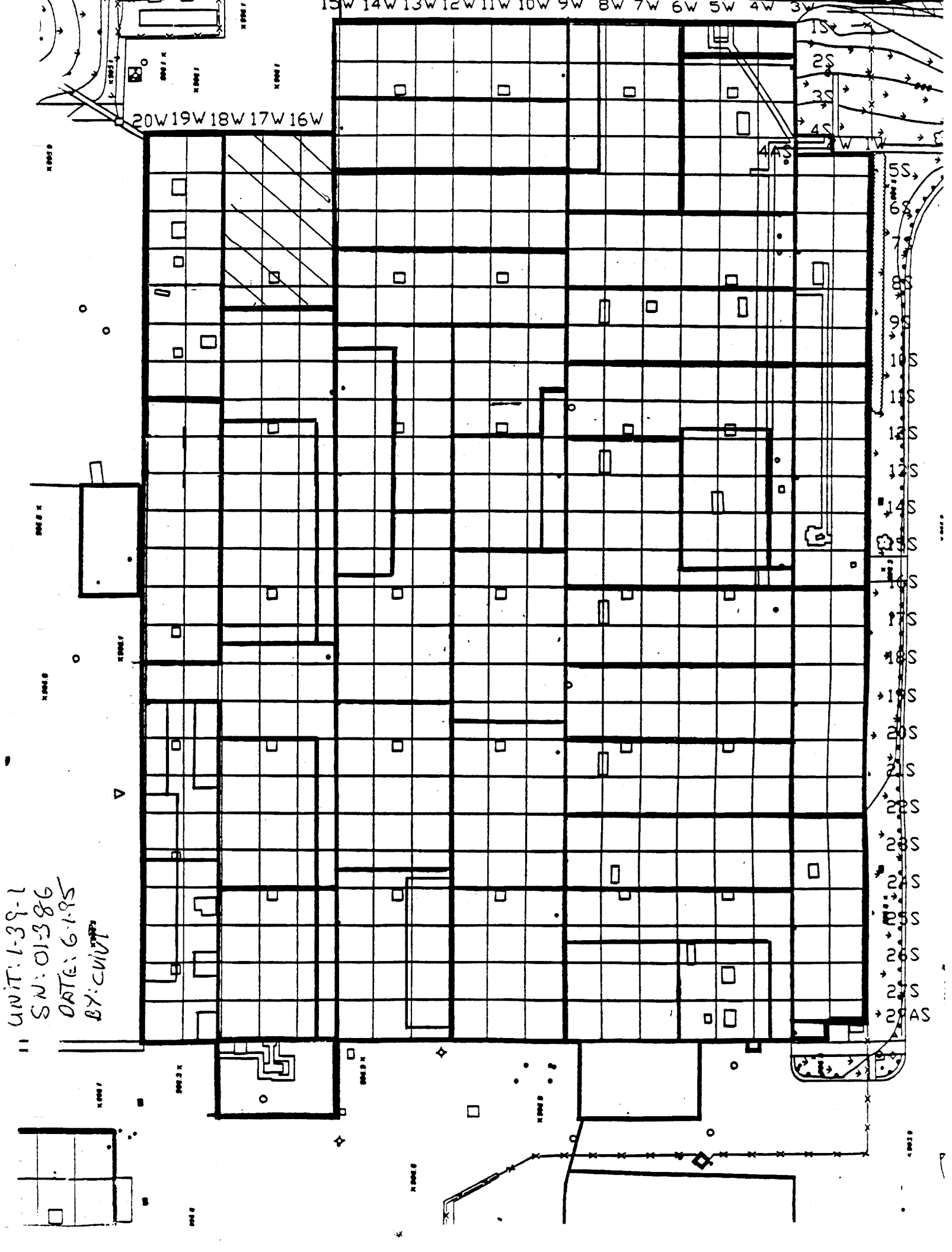
Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
91	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/30/95 9:08
92	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 9:10
93	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 9:13
94	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 9:15
95	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 9:17
96	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/30/95 9:19
97	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 9:22
98	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 9:24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15W 14W 13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 3W
1S
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21S
22S
23S
24S
25S
26S
27S
28S
28AS
UNIT: 1-39-1
SN: 01-386
DATE: 6-1-85
BY: CWD

Blairsville Point Survey Form #003

Survey Serial #:	01-387
Survey Section:	1
Survey Unit:	40A
Survey Sub-unit:	8
Classification:	4
Survey Type:	LOWER
Survey Date:	6/1/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	0

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1595	12	32.4	3.09	239

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
234	23	4	Gamma
1522	22	0.013	Beta / Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

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
FLOOR	1	-1	5	23	0.014	22	10	7	343	12	455	330	-0.99	2	0.85	3	CONCRETE
FLOOR	2	-1	5	23	0.012	22	8	7	355	12	439	320	0.48	2	-1.80	3	CONCRETE
FLOOR	1	-2	4	23	0.009	22	7	7	367	12	424	340	-0.99	2	-3.13	3	CONCRETE
FLOOR	1	-3	5	23	0.01	22	5	7	382	12	430	330	-0.99	2	0.85	3	CONCRETE
FLOOR	2	-3	5	23	0.013	22	6	7	374	12	408	350	-0.99	2	-3.13	3	CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-387.XLD
Batch Ended: 8/30/95 9:35
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

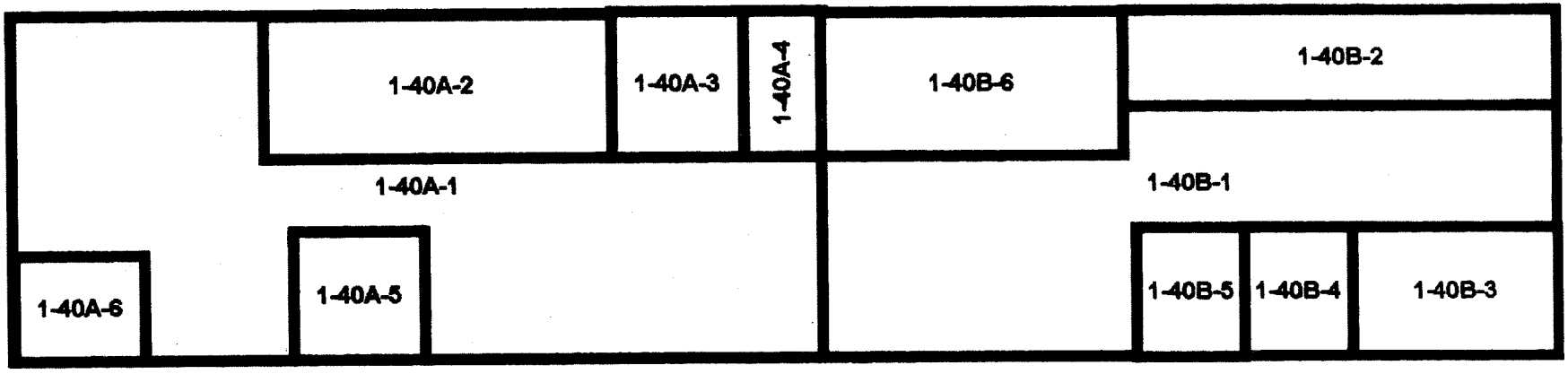
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-40A-8

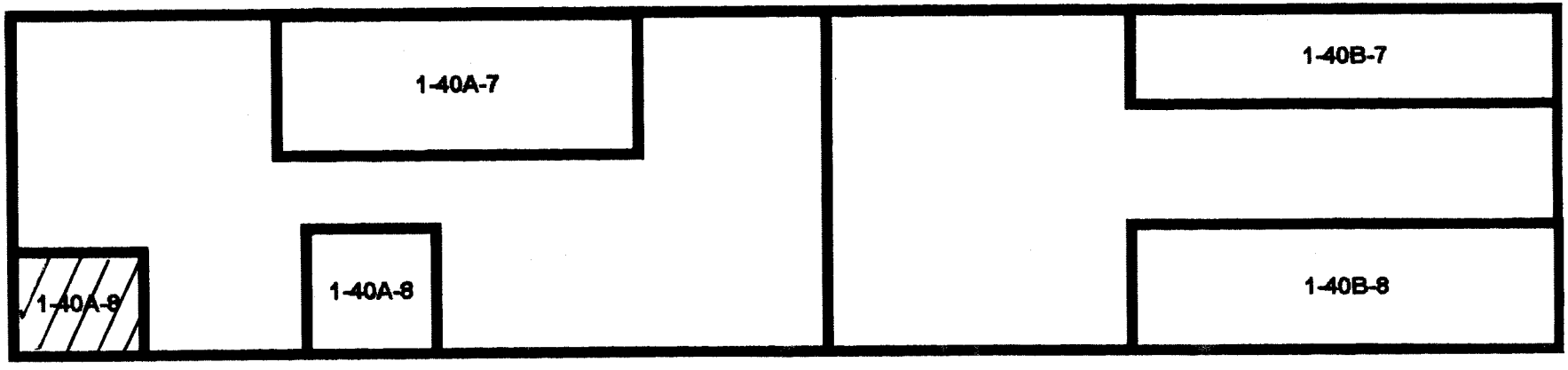
	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
99	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 9:26
100	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 9:28
1	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 9:30
2	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 9:33
3	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 9:35

UNIT: 1-40A-8
SN: 01387
DATE: 6-1-95
BY: CV/VT

UNIT 1-40A & B
(Main Floor)



UNIT 1-40A & B
(Second Floor Surfaces)



Blairsville Point Survey Form #003

Survey Serial #:	01-388

Survey Section:	1
Survey Unit:	40A
Survey Sub-unit:	9

Classification:	4
Survey Type:	LOWER

Survey Date:	6/1/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	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	251

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	5	Gamma
1522	22	0.011	Beta / Gamma

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
FLOOR	1	-1	5	23	0.007	22	4	7	354	12	397	330	-0.99	2	-1.80	3	CONCRETE
FLOOR	3	-1	4	23	0.004	22	4	7	394	12	390	320	-0.99	2	-3.13	3	CONCRETE
FLOOR	2	-2	5	23	0.008	22	3	7	331	12	441	340	0.48	2	-3.13	3	CONCRETE
FLOOR	1	-3	5	23	0.007	22	6	7	384	12	384	340	-0.99	2	0.85	3	CONCRETE
FLOOR	3	-3	4	23	0.009	22	8	7	366	12	442	320	3.43	2	3.51	3	CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-388.XLD
Batch Ended: 8/30/95 9:46
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

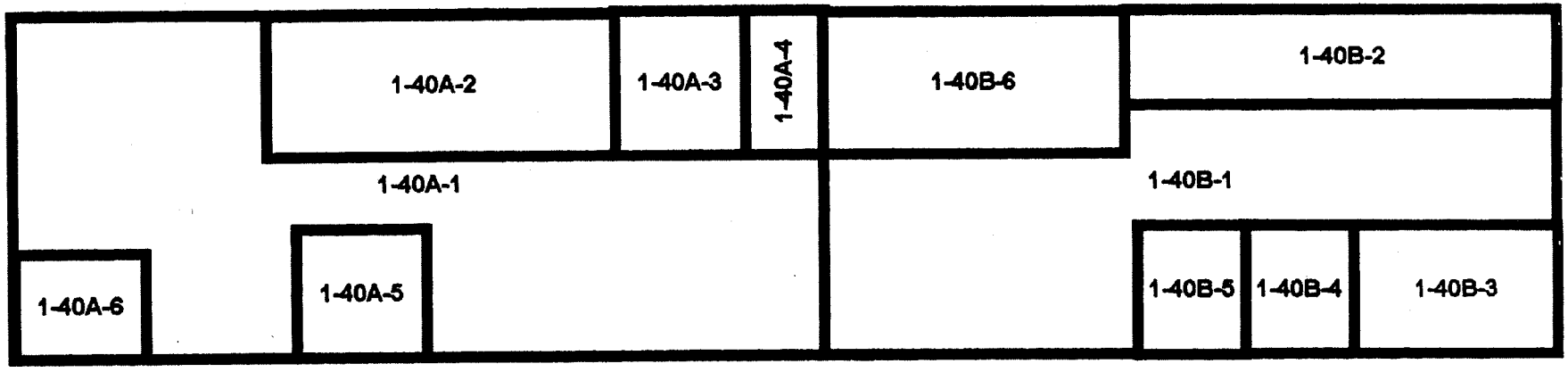
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-40A-9

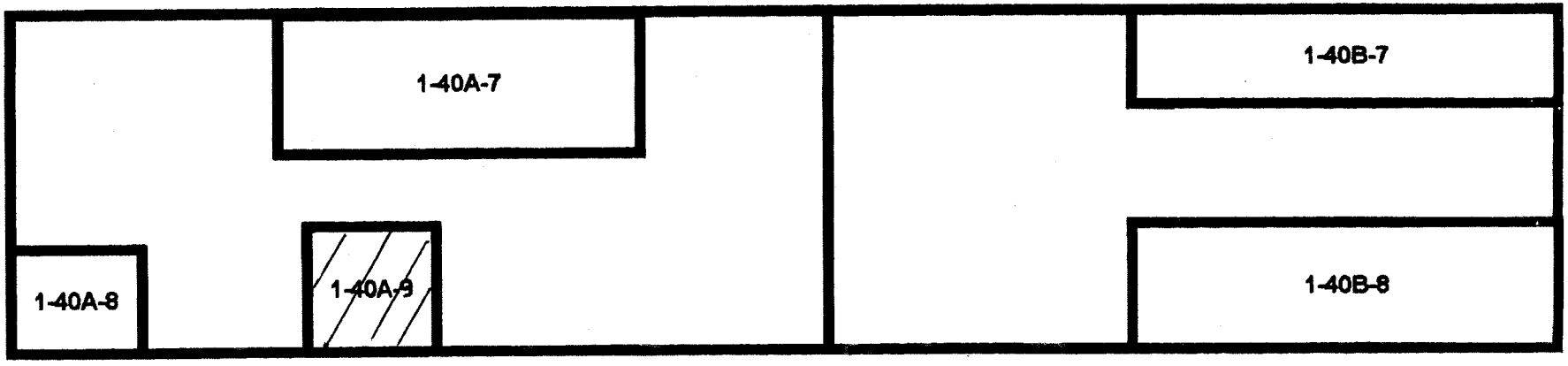
	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
4	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 9:37
5	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 9:39
6	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 9:42
7	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 9:44
8	3.429	2.56	<AL	7.98	3.51	3.27	<MDA	11.67	2.00	1.164	1.32	8/30/95 9:46

UNIT: 1-40A-9
S : 01388
DATE: 6-1-95
BY: CV/VT

UNIT 1-40A & B
(Main Floor)



UNIT 1-40A & B
(Second Floor Surfaces)



Blairsville Point Survey Form #003

Survey Serial #:	01-389

Survey Section:	1
Survey Unit:	40B
Survey Sub-unit:	8

Classification:	4
Survey Type:	LOWER

Survey Date:	6/1/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	1

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	218

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	5	Gamma
1522	22	0.009	Beta / Gamma

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
FLOOR	2	-6	4	23	0.009	22	0	7	335	12	497	310	0.48	2	-0.47	3	CONCRETE
FLOOR	4	-6	5	23	0.014	22	2	7	409	12	473	380	0.48	2	-0.47	3	CONCRETE
FLOOR	4	-8	7	23	0.011	22	9	7	429	12	488	410	-0.99	2	0.85	3	CONCRETE
FLOOR	2	-8	4	23	0.005	22	10	7	360	12	519	390	0.48	2	-0.47	3	CONCRETE
FLOOR	2	-10	4	23	0.011	22	12	7	348	12	455	360	1.96	2	-1.80	3	CONCRETE
FLOOR	4	-10	5	23	0.019	22	2	7	357	12	427	340	-0.99	2	-3.13	3	CONCRETE
FLOOR	4	-12	5	23	0.006	22	2	7	415	12	467	390	-0.99	2	2.18	3	CONCRETE
FLOOR	2	-12	6	23	0.015	22	6	7	365	12	462	335	1.96	2	-3.13	3	CONCRETE
FLOOR	2	-14	5	23	0.014	22	6	7	332	12	405	320	-0.99	2	-1.80	3	CONCRETE
FLOOR	4	-14	7	23	0.018	22	6	7	436	12	467	408	-0.99	2	0.85	3	CONCRETE
FLOOR	4	-16	6	23	0.014	22	6	7	343	12	394	340	-0.99	2	-1.80	3	CONCRETE
FLOOR	2	-16	5	23	0.01	22	6	7	374	12	542	340	-0.99	2	0.85	3	CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-389.XLD
Batch Ended: 8/30/95 10:13
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

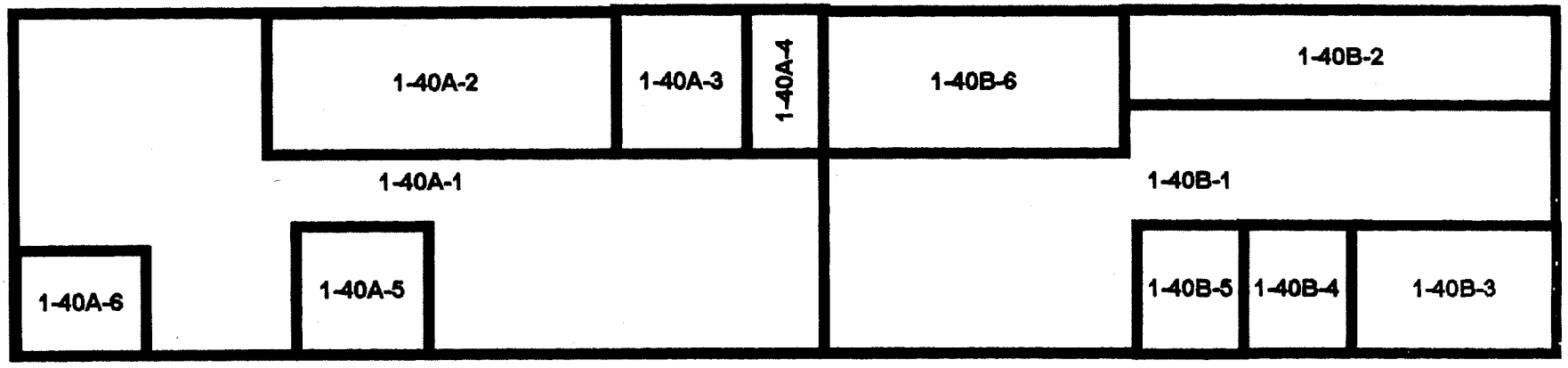
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-40B-8

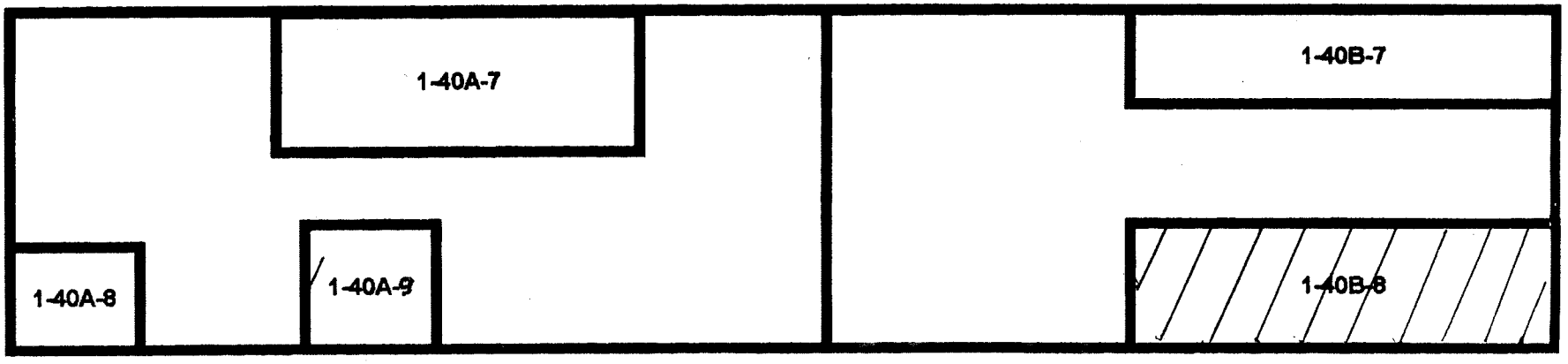
	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
9	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 9:48
10	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 9:50
11	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 9:53
12	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 9:55
13	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/30/95 9:57
14	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 9:59
15	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 10:01
16	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 10:04
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 10:06
18	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 10:08
19	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 10:10
20	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 10:13

UNIT: 1-40B-8
SN: 01-389
DATE: 6-1-95
BY: CVNT

UNIT 1-40A & B
(Main Floor)



UNIT 1-40A & B
(Second Floor Surfaces)



Blairsville Point Survey Form #003

Survey Serial #:	01-390

Survey Section:	1
Survey Unit:	40B
Survey Sub-unit:	7

Classification:	4
Survey Type:	LOWER

Survey Date:	6/5/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1517	7	22.1	4.52	6

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	250

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	5	Gamma
1522	22	0.008	Beta / Gamma

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
FLOOR	2	-2	4	23	0.016	22	3	7	362	12	945	380	-0.99	2	0.85	3	CONCRETE
FLOOR	2	-4	4	23	0.029	22	19	7	334	12	412	310	-0.99	2	-3.13	3	CONCRETE
FLOOR	2	-6	4	23	0.007	22	6	7	389	12	388	320	-0.99	2	3.51	3	CONCRETE
FLOOR	2	-8	5	23	0.009	22	10	7	343	12	463	320	-0.99	2	0.85	3	CONCRETE
FLOOR	2	-9	4	23	0.044	22	4	7	339	12	411	320	0.48	2	-3.13	3	CONCRETE
FLOOR	3	-10	4	23	0.031	22	9	7	311	12	416	320	0.48	2	0.85	3	CONCRETE
FLOOR	3	-12	5	23	0.068	22	11	7	392	12	488	380	-0.99	2	-3.13	3	CONCRETE
FLOOR	1	-12	5	23	0.01	22	11	7	323	12	468	350	-0.99	2	-1.80	3	CONCRETE

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-390.XLD
Batch Ended: 8/30/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

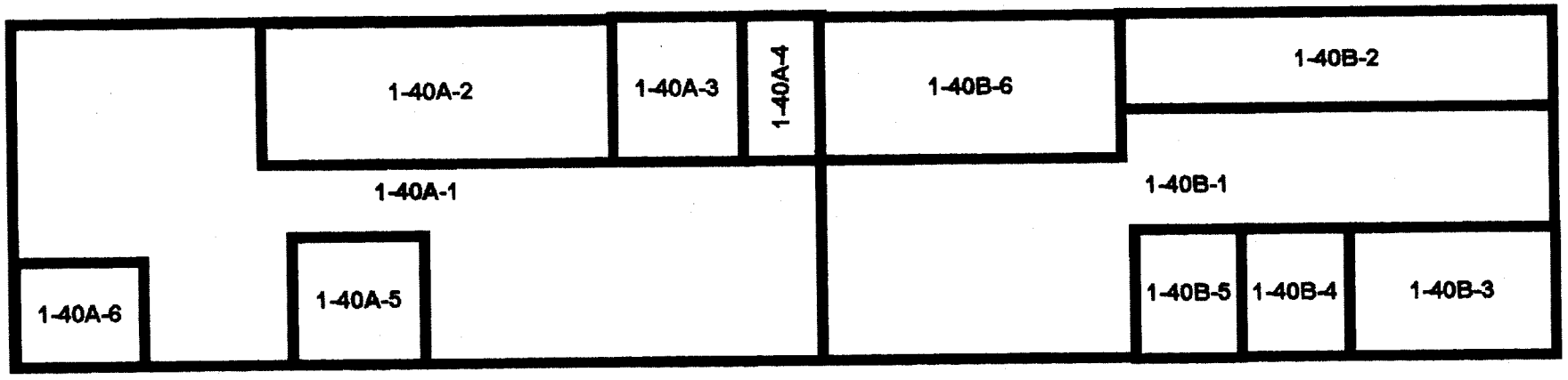
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-40B-7

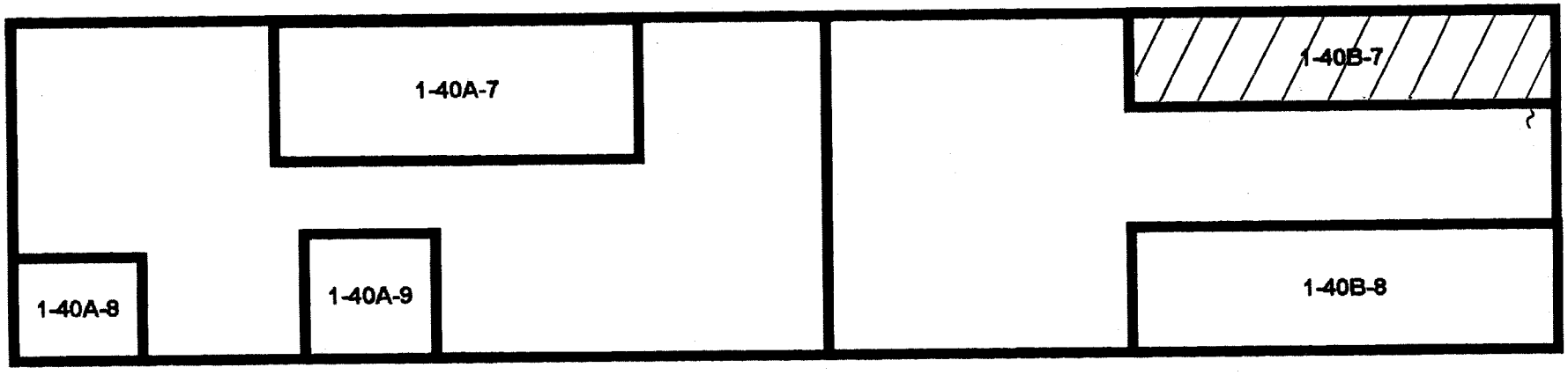
	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 10:15
2	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 10:17
3	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 10:19
4	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 10:21
5	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 10:24
6	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 10:26
7	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 10:28
8	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 10:30

UNIT: 1-40B-7
SN: 01-390
DATE: 6-5-95
BY: CV/VT

UNIT 1-40A & B
(Main Floor)



UNIT 1-40A & B
(Second Floor Surfaces)



Blairsville Point Survey Form #003

Survey Serial #:	01-391

Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	9

Classification:	5
Survey Type:	LOWER

Survey Date:	6/21/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

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
1593	11	36.3	2.75	241

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
142	51	3	Gamma
1522	22	0.011	Beta / Gamma

Surveyor:	V.TAYLOR/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
CONCRETE FLOOR	1	-1	4	51	0.018	22	1	6	361	11	445	340	1.96	2	-3.13	3	FLOOR TILE REMOVED
CONCRETE FLOOR	2	-1	4	51	0.013	22	12	6	378	11	422	310	1.96	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	3	-1	4	51	0.015	22	13	6	339	11	403	290	-0.99	2	4.84	3	FLOOR TILE REMOVED
CONCRETE FLOOR	4	-1	4	51	0.012	22	8	6	340	11	469	330	-0.99	2	4.84	3	FLOOR TILE REMOVED
CONCRETE FLOOR	5	-1	4	51	0.009	22	7	6	331	11	465	340	4.90	2	-3.13	3	FLOOR TILE REMOVED
CONCRETE FLOOR	6	-1	3.5	51	0.014	22	8	6	320	11	383	330	1.96	2	-1.80	3	FLOOR TILE REMOVED
CONCRETE FLOOR	7	-1	4.5	51	0.013	22	5	6	342	11	437	350	3.43	2	6.17	3	FLOOR TILE REMOVED
CONCRETE FLOOR	8	-1	4	51	0.009	22	12	6	379	11	411	320	-0.99	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	9	-1	4	51	0.007	22	10	6	369	11	429	350	1.96	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	1	-2	4	51	0.015	22	4	6	322	11	464	340	-0.99	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	2	-2	4.5	51	0.014	22	5	6	468	11	489	390	0.48	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	3	-2	4	51	0.012	22	12	6	369	11	443	350	0.48	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	4	-2	3.5	51	0.012	22	7	6	350	11	548	360	1.96	2	3.51	3	FLOOR TILE REMOVED
CONCRETE FLOOR	5	-2	4	51	0.016	22	11	6	340	11	405	310	0.48	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	6	-2	4	51	0.013	22	11	6	329	11	411	350	3.43	2	-3.13	3	FLOOR TILE REMOVED
CONCRETE FLOOR	7	-2	4	51	0.007	22	5	6	354	11	392	340	4.90	2	3.51	3	FLOOR TILE REMOVED
CONCRETE FLOOR	1	-3	3	51	0.013	22	11	6	392	11	415	360	1.96	2	-1.80	3	FLOOR TILE REMOVED
CONCRETE FLOOR	2	-3	3	51	0.01	22	16	6	420	11	460	380	-0.99	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	3	-3	4	51	0.009	22	8	6	348	11	478	340	1.96	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	4	-3	4	51	0.011	22	5	6	348	11	458	350	4.90	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	5	-3	3.5	51	0.008	22	5	6	346	11	462	350	1.96	2	2.18	3	FLOOR TILE REMOVED
CONCRETE FLOOR	6	-3	4	51	0.01	22	5	6	370	11	375	340	0.48	2	-4.46	3	FLOOR TILE REMOVED
CONCRETE FLOOR	7	-3	3	51	0.008	22	1	6	358	11	419	310	3.43	2	7.50	3	FLOOR TILE REMOVED

Blairsville Point Survey Form #003

Survey Serial #:	01-391
Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	9
Classification:	5
Survey Type:	LOWER
Survey Date:	6/21/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

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
1593	11	36.3	2.75	241

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
142	51	3	Gamma
1522	22	0.011	Beta / Gamma

Surveyor:	V.TAYLOR/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
CONCRETE FLOOR	1	-4	3	51	0.009	22	8	6	353	11	470	340	-0.99	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	2	-4	4	51	0.013	22	6	6	389	11	473	350	-0.99	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	3	-4	4	51	0.011	22	10	6	637	11	1240	680	0.48	2	2.18	3	FLOOR TILE REMOVED
CONCRETE FLOOR	4	-4	4	51	0.009	22	11	6	395	11	472	380	0.48	2	2.18	3	FLOOR TILE REMOVED
CONCRETE FLOOR	5	-4	3	51	0.013	22	4	6	371	11	447	330	0.48	2	6.17	3	FLOOR TILE REMOVED
CONCRETE FLOOR	6	-4	3	51	0.009	22	4	6	330	11	438	340	0.48	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	7	-4	4	51	0.008	22	19	6	351	11	444	360	-0.99	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	1	-5	3	51	0.01	22	11	6	415	11	432	390	-0.99	2	-0.47	3	FLOOR TILE REMOVED
CONCRETE FLOOR	2	-5	4	51	0.013	22	10	6	371	11	544	360	-0.99	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	3	-5	4	51	0.012	22	16	6	558	11	885	380	-0.99	2	4.84	3	FLOOR TILE REMOVED
CONCRETE FLOOR	4	-5	3	51	0.013	22	8	6	379	11	432	360	0.48	2	2.18	3	FLOOR TILE REMOVED
CONCRETE FLOOR	5	-5	3	51	0.013	22	7	6	343	11	488	330	1.96	2	3.51	3	FLOOR TILE REMOVED
CONCRETE FLOOR	6	-5	3	51	0.012	22	5	6	344	11	359	310	3.43	2	2.18	3	FLOOR TILE REMOVED
CONCRETE FLOOR	7	-5	4	51	0.013	22	7	6	339	11	424	340	0.48	2	3.51	3	FLOOR TILE REMOVED
CONCRETE FLOOR	1	-6	4	51	0.013	22	7	6	365	11	439	330	0.48	2	2.18	3	FLOOR TILE REMOVED
CONCRETE FLOOR	2	-6	3	51	0.013	22	13	6	361	11	470	350	-0.99	2	-3.13	3	FLOOR TILE REMOVED
CONCRETE FLOOR	3	-6	3	51	0.012	22	3	6	431	11	496	410	-0.99	2	0.85	3	FLOOR TILE REMOVED
CONCRETE FLOOR	4	-6	3	51	0.018	22	11	6	444	11	504	390	-0.99	2	-0.47	3	
CONCRETE FLOOR	5	-6	4	51	0.011	22	10	6	391	11	396	340	0.48	2	7.50	3	
CONCRETE FLOOR	6	-6	3	51	0.007	22	13	6	382	11	388	350	-0.99	2	3.51	3	
CONCRETE FLOOR	7	-6	3	51	0.012	22	12	6	372	11	393	340	-0.99	2	3.51	3	
CONCRETE FLOOR	8	-6	3	51	0.013	22	12	6	360	11	490	360	-0.99	2	-0.47	3	
CONCRETE FLOOR	9	-6	3	51	0.013	22	19	6	471	11	511	430	-0.99	2	4.84	3	

Blairsville Point Survey Form #003

Survey Serial #:	01-391

Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	9

Classification:	5
Survey Type:	LOWER

Survey Date:	6/21/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	241

Gamma or Beta/Gamma Instruments

Inst. S/N	Inst. Code	Bkg.	Detection Type
142	51	3	Gamma
1522	22	0.011	Beta / Gamma

Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/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
CONCRETE FLOOR	1	-7	3	51	0.013	22	7	6	406	11	417	370	-0.99	2	2.18	3	
CONCRETE FLOOR	2	-7	3	51	0.013	22	6	6	408	11	433	370	1.96	2	8.83	3	
CONCRETE FLOOR	3	-7	4	51	0.006	22	8	6	335	11	430	340	-0.99	2	6.17	3	
CONCRETE FLOOR	4	-7	3	51	0.012	22	9	6	394	11	495	350	0.48	2	-0.47	3	
CONCRETE FLOOR	5	-7	3	51	0.009	22	10	6	372	11	482	370	-0.99	2	2.18	3	
CONCRETE FLOOR	6	-7	3	51	0.013	22	11	6	355	11	492	340	0.48	2	-1.80	3	
CONCRETE FLOOR	7	-7	3	51	0.009	22	3	6	325	11	476	350	0.48	2	6.17	3	
CONCRETE FLOOR	8	-7	4	51	0.013	22	3	6	351	11	378	320	-0.99	2	0.85	3	
CONCRETE FLOOR	9	-7	3	51	0.014	22	14	6	351	11	410	340	1.96	2	-3.13	3	
CONCRETE FLOOR	1	-8	5	51	0.024	22	7	6	382	11	480	370	0.48	2	-0.47	3	
CONCRETE FLOOR	2	-8	4	51	0.011	22	3	6	426	11	516	380	0.48	2	2.18	3	
CONCRETE FLOOR	3	-8	3	51	0.007	22	1	6	397	11	475	350	-0.99	2	7.50	3	
CONCRETE FLOOR	4	-8	4	51	0.011	22	3	6	403	11	463	390	1.96	2	2.18	3	
CONCRETE FLOOR	5	-8	3	51	0.01	22	3	6	229	11	462	340	0.48	2	7.50	3	
CONCRETE FLOOR	6	-8	4	51	0.009	22	6	6	347	11	483	340	-0.99	2	3.51	3	
CONCRETE FLOOR	7	-8	3	51	0.014	22	8	6	368	11	448	340	4.90	2	-0.47	3	
CONCRETE FLOOR	8	-8	3	51	0.009	22	6	6	317	11	465	300	0.48	2	0.85	3	
CONCRETE FLOOR	9	-8	4	51	0.013	22	14	6	323	11	420	280	0.48	2	0.85	3	
CONCRETE FLOOR	1	-9	3	51	0.009	22	9	6	383	11	507	360	-0.99	2	2.18	3	
CONCRETE FLOOR	2	-9	3	51	0.014	22	6	6	386	11	520	340	0.48	2	-1.80	3	
CONCRETE FLOOR	3	-9	3	51	0.013	22	6	6	411	11	525	380	0.48	2	6.17	3	
CONCRETE FLOOR	4	-9	3	51	0.01	22	8	6	342	11	473	350	-0.99	2	6.17	3	
CONCRETE FLOOR	5	-9	3	51	0.013	22	8	6	377	11	446	340	-0.99	2	3.51	3	

Blairsville Point Survey Form #003

Survey Serial #:	01-391

Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	9

Classification:	5
Survey Type:	LOWER

Survey Date:	6/21/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

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
1593	11	36.3	2.75	241

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
142	51	3	Gamma
1522	22	0.011	Beta / Gamma

Surveyor:	V.TAYLOR/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
CONCRETE FLOOR	6	-9	4	51	0.013	22	14	6	361	11	459	330	1.96	2	0.85	3	
CONCRETE FLOOR	7	-9	3	51	0.007	22	6	6	399	11	483	360	1.96	2	0.85	3	
CONCRETE FLOOR	8	-9	3	51	0.013	22	10	6	385	11	428	340	0.48	2	-1.80	3	
CONCRETE FLOOR	9	-9	4	51	0.018	22	17	6	491	11	498	370	0.48	2	-1.80	3	
CONCRETE FLOOR	1	-10	4	51	0.015	22	9	6	383	11	440	380	0.48	2	-3.13	3	
CONCRETE FLOOR	2	-10	3	51	0.009	22	7	6	407	11	575	390	0.48	2	0.85	3	
CONCRETE FLOOR	3	-10	3	51	0.012	22	5	6	343	11	440	350	0.48	2	-0.47	3	
CONCRETE FLOOR	4	-10	3	51	0.009	22	11	6	320	11	436	340	-0.99	2	4.84	3	
CONCRETE FLOOR	5	-10	3	51	0.012	22	18	6	373	11	415	340	-0.99	2	-1.80	3	
CONCRETE FLOOR	6	-10	3	51	0.01	22	20	6	395	11	424	360	0.48	2	10.16	3	
CONCRETE FLOOR	7	-10	4	51	0.019	22	18	6	414	11	554	460	0.48	2	6.17	3	
CONCRETE FLOOR	8	-10	4	51	0.007	22	14	6	406	11	442	390	0.48	2	-1.80	3	
CONCRETE FLOOR	9	-10	3	51	0.013	22	19	6	365	11	440	370	0.48	2	-0.47	3	

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-391.XLD
Batch Ended: 8/30/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
9	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 10:32
10	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/30/95 10:35
11	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/30/95 10:37
12	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/30/95 10:39
13	4.901	2.95	<AL	7.98	-3.13	1.36	<MDA	11.67	2.00	1.664	-1.18	8/30/95 10:41
14	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/30/95 10:43
15	3.429	2.56	<AL	7.98	6.17	3.77	<AL	11.67	2.00	1.164	2.32	8/30/95 10:46
16	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 10:48
17	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/30/95 10:50
18	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 10:52
19	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 10:55
20	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 10:57
21	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/30/95 10:59
22	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 11:01
23	3.429	2.56	<AL	7.98	-3.13	1.36	<MDA	11.67	2.00	1.164	-1.18	8/30/95 11:03
24	4.901	2.95	<AL	7.98	3.51	3.27	<MDA	11.67	2.00	1.664	1.32	8/30/95 11:06
25	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/30/95 11:08
26	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 11:10
27	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/30/95 11:12
28	4.901	2.95	<AL	7.98	0.85	2.68	<MDA	11.67	2.00	1.664	0.32	8/30/95 11:14
29	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/30/95 11:17
30	0.484	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	0.164	-1.68	8/30/95 11:19
31	3.429	2.56	<AL	7.98	7.50	4.00	<AL	11.67	2.00	1.164	2.82	8/30/95 11:21
32	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 11:23

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-391.XLD
Batch Ended: 8/30/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
33	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 11:26
34	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 11:28
35	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 11:30
36	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/30/95 11:32
37	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 11:34
39	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 11:37
38	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 11:39
40	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 11:41
41	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/30/95 11:43
42	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 11:45
43	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/30/95 11:48
44	3.429	2.56	<AL	7.98	2.18	2.99	<MDA	11.67	2.00	1.164	0.82	8/30/95 11:50
45	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/30/95 11:52
46	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 11:54
47	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 11:56
48	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 11:59
49	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 12:01
50	0.484	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	0.164	2.82	8/30/95 12:03
51	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 12:05
52	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 12:07
53	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 12:10
54	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/30/95 12:12
55	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 12:14
56	1.956	2.09	<MDA	7.98	8.83	4.22	<AL	11.67	2.00	0.664	3.32	8/30/95 12:16

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-391.XLD
Batch Ended: 8/30/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
57	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/30/95 12:19
58	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 12:21
59	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 12:23
60	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 12:25
61	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/30/95 12:27
62	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 12:30
63	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/30/95 12:32
64	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 12:34
65	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/30/95 12:36
66	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/30/95 12:38
67	1.956	2.09	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.664	0.82	8/30/95 12:41
68	0.484	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	0.164	2.82	8/30/95 12:43
69	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 12:45
70	4.901	2.95	<AL	7.98	-0.47	2.32	<MDA	11.67	2.00	1.664	-0.18	8/30/95 12:47
71	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 12:49
73	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 12:52
72	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 12:54
74	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 12:56
75	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/30/95 12:58
76	-0.989	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	-0.336	2.32	8/30/95 13:01
77	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 13:03
78	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/30/95 13:05
79	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/30/95 13:07
80	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 13:09

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-391.XLD
Batch Ended: 8/30/95 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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

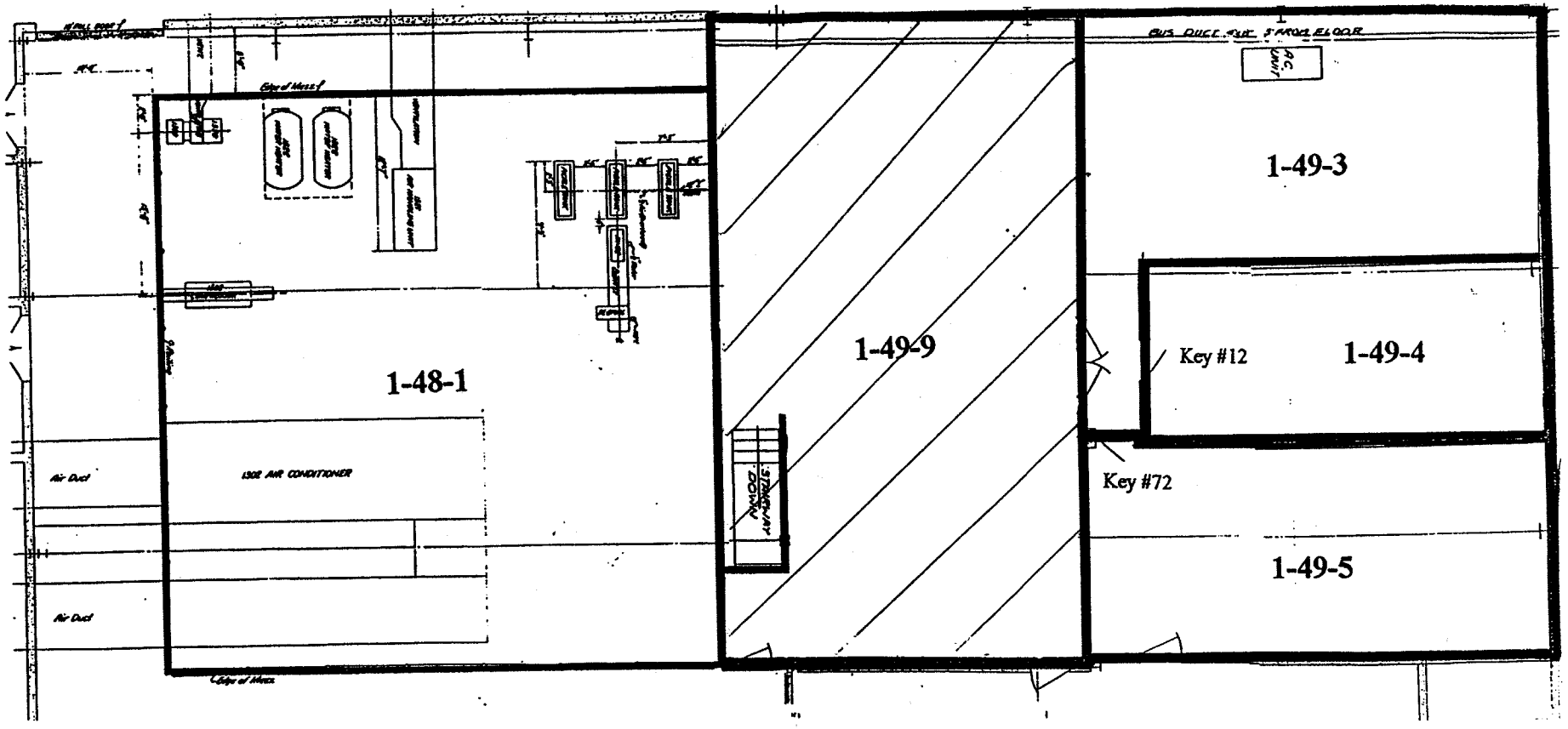
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
81	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 13:12
82	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 13:14
83	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 13:16
84	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 13:18
85	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/30/95 13:20
86	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 13:23
87	0.484	1.48	<MDA	7.98	10.16	4.42	<AL	11.67	2.00	0.164	3.82	8/30/95 13:25
88	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/30/95 13:27
89	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 13:29
90	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/30/95 13:31

UNIT: 1-49
SN: 01-391
DATE: 6-21-95
BY: LS/VT

UNIT 1-49 and 1-48 (rev 1 as of 6-13-95)



Blairsville Point Survey Form #003

Survey Serial #:	01-393

Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	9

Classification:	5
Survey Type:	LOWER

Survey Date:	6/26/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	258

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/J.GEMZA
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
NORTH WALL	4.5	1.5	N/A	N/A	N/A	N/A	1	6	267	11	311	230	-0.99	2	3.51	3	PAINTED BLOCK
NORTH WALL	5.5	0.5	N/A	N/A	N/A	N/A	2	6	266	11	389	240	0.48	2	-1.80	3	PAINTED BLOCK
NORTH WALL	5.5	1.5	N/A	N/A	N/A	N/A	1	6	271	11	378	230	-0.99	2	-4.46	3	PAINTED BLOCK
NORTH WALL	6.5	0.5	N/A	N/A	N/A	N/A	0	6	288	11	378	250	-0.99	2	3.51	3	PAINTED BLOCK
NORTH WALL	6.5	1.5	N/A	N/A	N/A	N/A	4	6	310	11	362	300	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL	7.5	0.5	N/A	N/A	N/A	N/A	2	6	258	11	399	275	-0.99	2	-1.80	3	PAINTED BLOCK
NORTH WALL	7.5	1.5	N/A	N/A	N/A	N/A	2	6	272	11	362	250	1.96	2	-1.80	3	PAINTED BLOCK
EAST WALL	1	0.5	N/A	N/A	N/A	N/A	3	6	291	11	335	245	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	1	1.5	N/A	N/A	N/A	N/A	1	6	275	11	367	270	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	6.5	0.5	N/A	N/A	N/A	N/A	0	6	251	11	480	250	0.48	2	-3.13	3	PAINTED BLOCK
EAST WALL	6.5	1.5	N/A	N/A	N/A	N/A	1	6	242	11	390	300	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	8	0.5	N/A	N/A	N/A	N/A	3	6	278	11	354	270	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	8	1.5	N/A	N/A	N/A	N/A	1	6	235	11	360	250	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	9	0.5	N/A	N/A	N/A	N/A	1	6	258	11	454	300	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	9	1.5	N/A	N/A	N/A	N/A	1	6	263	11	416	290	-0.99	2	-4.46	3	PAINTED BLOCK
EAST WALL	10	0.5	N/A	N/A	N/A	N/A	4	6	260	11	361	250	1.96	2	3.51	3	PAINTED BLOCK
EAST WALL	10	1.5	N/A	N/A	N/A	N/A	0	6	281	11	472	300	-0.99	2	0.85	3	PAINTED BLOCK
EAST WALL	11	0.5	N/A	N/A	N/A	N/A	1	6	263	11	480	270	0.48	2	0.85	3	PAINTED BLOCK
EAST WALL	12	0.5	N/A	N/A	N/A	N/A	1	6	267	11	437	280	-0.99	2	-3.13	3	PAINTED BLOCK
EAST WALL	12	1.5	N/A	N/A	N/A	N/A	2	6	274	11	383	300	-0.99	2	2.18	3	PAINTED BLOCK
EAST WALL	13	0.5	N/A	N/A	N/A	N/A	2	6	269	11	334	280	0.48	2	3.51	3	PAINTED BLOCK
EAST WALL	13	1.5	N/A	N/A	N/A	N/A	3	6	270	11	375	250	-0.99	2	-1.80	3	PAINTED BLOCK
EAST WALL	14	0.5	N/A	N/A	N/A	N/A	2	6	262	11	401	300	-0.99	2	-0.47	3	PAINTED BLOCK

Blairsville Point Survey Form #003

Survey Serial #:	01-393
Survey Section:	1
Survey Unit:	49
Survey Sub-unit:	9
Classification:	5
Survey Type:	LOWER
Survey Date:	6/26/95
Count Date:	8/30/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	258

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	V.TAYLOR/J.GEMZA
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	14	1.5	N/A	N/A	N/A	N/A	1	6	282	11	480	200	-0.99	2	2.18	3	PAINTED BLOCK
EAST WALL	15	0.5	N/A	N/A	N/A	N/A	2	6	324	11	480	350	-0.99	2	-0.47	3	PAINTED BLOCK
EAST WALL	15	1.5	N/A	N/A	N/A	N/A	4	6	280	11	391	270	0.48	2	0.85	3	PAINTED BLOCK
SOUTH WALL	1	1	N/A	N/A	N/A	N/A	2	6	328	11	437	300	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	1	2	N/A	N/A	N/A	N/A	3	6	295	11	431	300	-0.99	2	2.18	3	PAINTED BLOCK
SOUTH WALL	2	1	N/A	N/A	N/A	N/A	5	6	267	11	412	270	-0.99	2	3.51	3	PAINTED BLOCK
SOUTH WALL	2	2	N/A	N/A	N/A	N/A	3	6	226	11	427	300	0.48	2	4.84	3	PAINTED BLOCK
SOUTH WALL	3	1	N/A	N/A	N/A	N/A	1	6	326	11	338	270	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	3	2	N/A	N/A	N/A	N/A	3	6	284	11	372	250	-0.99	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	4	1	N/A	N/A	N/A	N/A	5	6	282	11	376	270	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	4	2	N/A	N/A	N/A	N/A	5	6	258	11	341	270	0.48	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	5	1	N/A	N/A	N/A	N/A	2	6	272	11	337	270	0.48	2	0.85	3	PAINTED BLOCK
SOUTH WALL	5	2	N/A	N/A	N/A	N/A	0	6	300	11	381	260	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	6	1	N/A	N/A	N/A	N/A	1	6	301	11	338	300	0.48	2	-3.13	3	PAINTED BLOCK
SOUTH WALL	6	2	N/A	N/A	N/A	N/A	1	6	293	11	379	260	-0.99	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	7	1	N/A	N/A	N/A	N/A	5	6	314	11	427	300	0.48	2	-1.80	3	PAINTED BLOCK
SOUTH WALL	7	2	N/A	N/A	N/A	N/A	5	6	293	11	386	300	-0.99	2	0.85	3	PAINTED BLOCK
SOUTH WALL	8	1	N/A	N/A	N/A	N/A	4	6	306	11	382	300	-0.99	2	-4.46	3	PAINTED BLOCK
SOUTH WALL	8	2	N/A	N/A	N/A	N/A	0	6	294	11	480	270	0.48	2	7.50	3	PAINTED BLOCK

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-393.XLD
Batch Ended: 8/30/95 15:04
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-9

	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
91	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 13:34
92	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 13:36
93	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/30/95 13:38
94	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 13:40
95	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 13:43
96	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 13:45
97	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/30/95 13:47
98	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 13:49
99	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 13:51
100	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 13:54
1	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 13:56
2	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 13:58
3	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 14:00
4	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 14:02
5	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/30/95 14:05
6	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/30/95 14:07
7	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 14:09
8	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 14:11
9	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 14:13
10	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 14:16
11	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/30/95 14:18
12	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 14:20
13	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 14:22
14	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 14:24

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/30/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-393.XLD
Batch Ended: 8/30/95 15:04
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

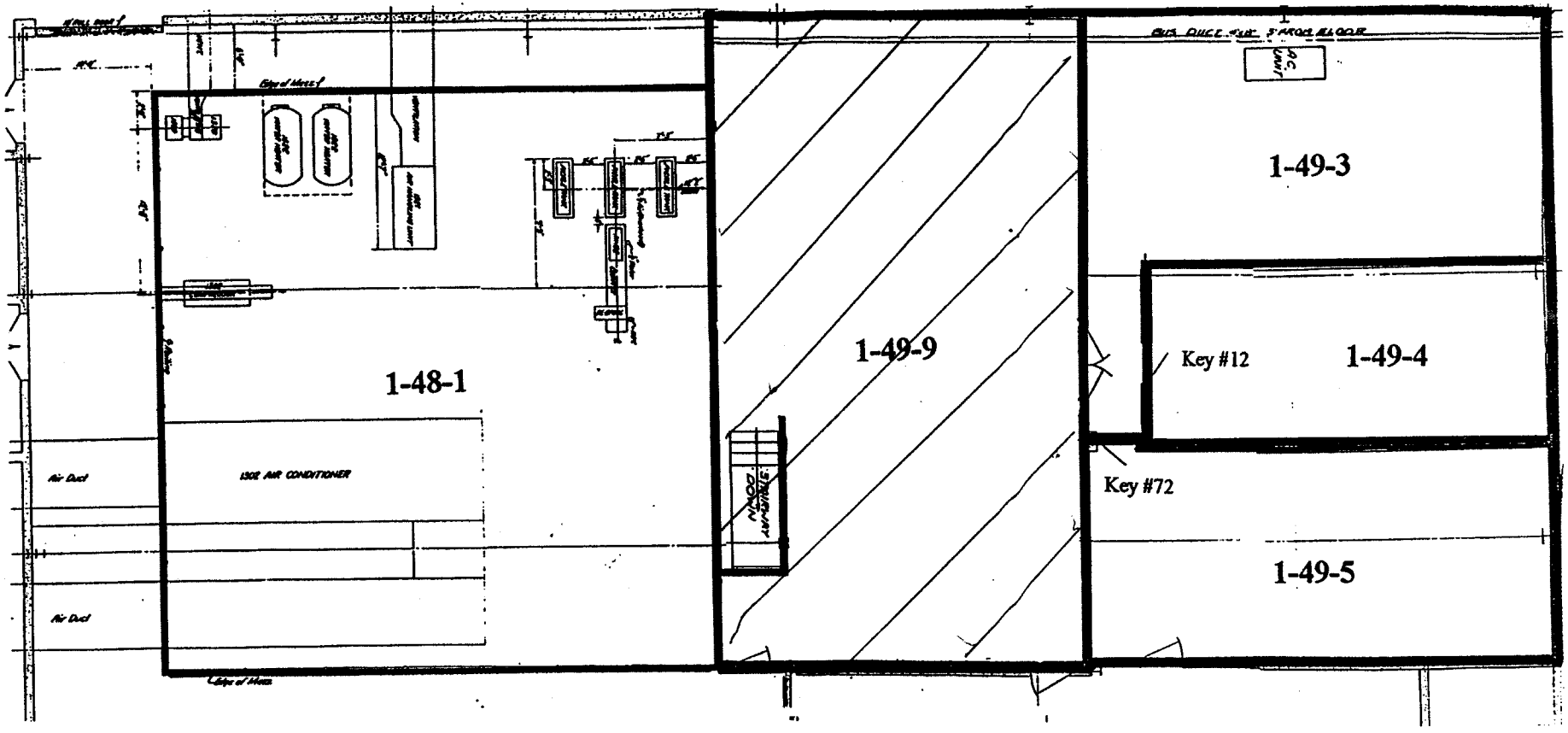
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-49-9

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
15	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/30/95 14:27
16	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 14:29
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 14:31
18	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/30/95 14:33
19	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/30/95 14:35
20	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/30/95 14:38
21	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 14:40
22	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/30/95 14:42
23	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 14:44
24	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 14:47
25	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/30/95 14:49
26	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 14:51
27	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/30/95 14:53
28	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/30/95 14:55
29	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/30/95 14:57
30	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/30/95 15:00
31	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/30/95 15:02
32	0.484	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	0.164	2.82	8/30/95 15:04

UNIT: 1-49-9
SN: 01-393
DATE: 6.26.95
BY: ~~CA~~ VT/JG

UNIT 1-49 and 1-48 (rev 1 as of 6-13-95)



Blairsville Point Survey Form #003

Survey Serial #:	01-394

Survey Section:	1
Survey Unit:	31
Survey Sub-unit:	2

Classification:	4
Survey Type:	UPPER

Survey Date:	7/3/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	211

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J. Gemza 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
CEILING	2	-2	N/A	N/A	N/A	N/A	1	6	183	11	252	190	0.48	2	-1.80	3	PAINTED METAL
CEILING	6	-2	N/A	N/A	N/A	N/A	0	6	220	11	229	170	-0.99	2	-3.13	3	PAINTED METAL
CEILING	11	-2	N/A	N/A	N/A	N/A	3	6	206	11	270	190	-0.99	2	-1.80	3	PAINTED METAL
CEILING	15	-2	N/A	N/A	N/A	N/A	3	6	193	11	252	160	1.96	2	0.85	3	PAINTED METAL
CEILING	2	-4	N/A	N/A	N/A	N/A	2	6	190	11	290	190	-0.99	2	-3.13	3	PAINTED METAL
CEILING	5	-4	N/A	N/A	N/A	N/A	1	6	175	11	360	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	7	-4	N/A	N/A	N/A	N/A	2	6	178	11	315	220	-0.99	2	0.85	3	PAINTED METAL
CEILING	10	-4	N/A	N/A	N/A	N/A	2	6	166	11	360	210	0.48	2	-3.13	3	PAINTED METAL
CEILING	15	-4	N/A	N/A	N/A	N/A	0	6	171	11	280	200	0.48	2	-0.47	3	PAINTED METAL
CEILING	2	-8	N/A	N/A	N/A	N/A	1	6	168	11	360	220	-0.99	2	-1.80	3	PAINTED METAL
CEILING	5	-8	N/A	N/A	N/A	N/A	0	6	202	11	290	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	8	-8	N/A	N/A	N/A	N/A	0	6	183	11	240	190	-0.99	2	2.18	3	PAINTED METAL
CEILING	12	-8	N/A	N/A	N/A	N/A	0	6	172	11	320	190	0.48	2	3.51	3	PAINTED METAL
CEILING	16	-8	N/A	N/A	N/A	N/A	0	6	170	11	360	220	0.48	2	-1.80	3	PAINTED METAL
CEILING	1	-10	N/A	N/A	N/A	N/A	1	6	201	11	335	200	-0.99	2	0.85	3	PAINTED METAL
CEILING	3	-10	N/A	N/A	N/A	N/A	0	6	181	11	243	200	-0.99	2	-0.47	3	PAINTED METAL
CEILING	6	-10	N/A	N/A	N/A	N/A	2	6	186	11	260	190	0.48	2	-0.47	3	PAINTED METAL
CEILING	10	-10	N/A	N/A	N/A	N/A	1	6	199	11	293	210	-0.99	2	-1.80	3	PAINTED METAL
CEILING	12	-10	N/A	N/A	N/A	N/A	0	6	186	11	300	200	0.48	2	0.85	3	PAINTED METAL
CEILING	16	-10	N/A	N/A	N/A	N/A	1	6	193	11	290	230	-0.99	2	2.18	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-394.XLD
Batch Ended: 8/31/95 8:26
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

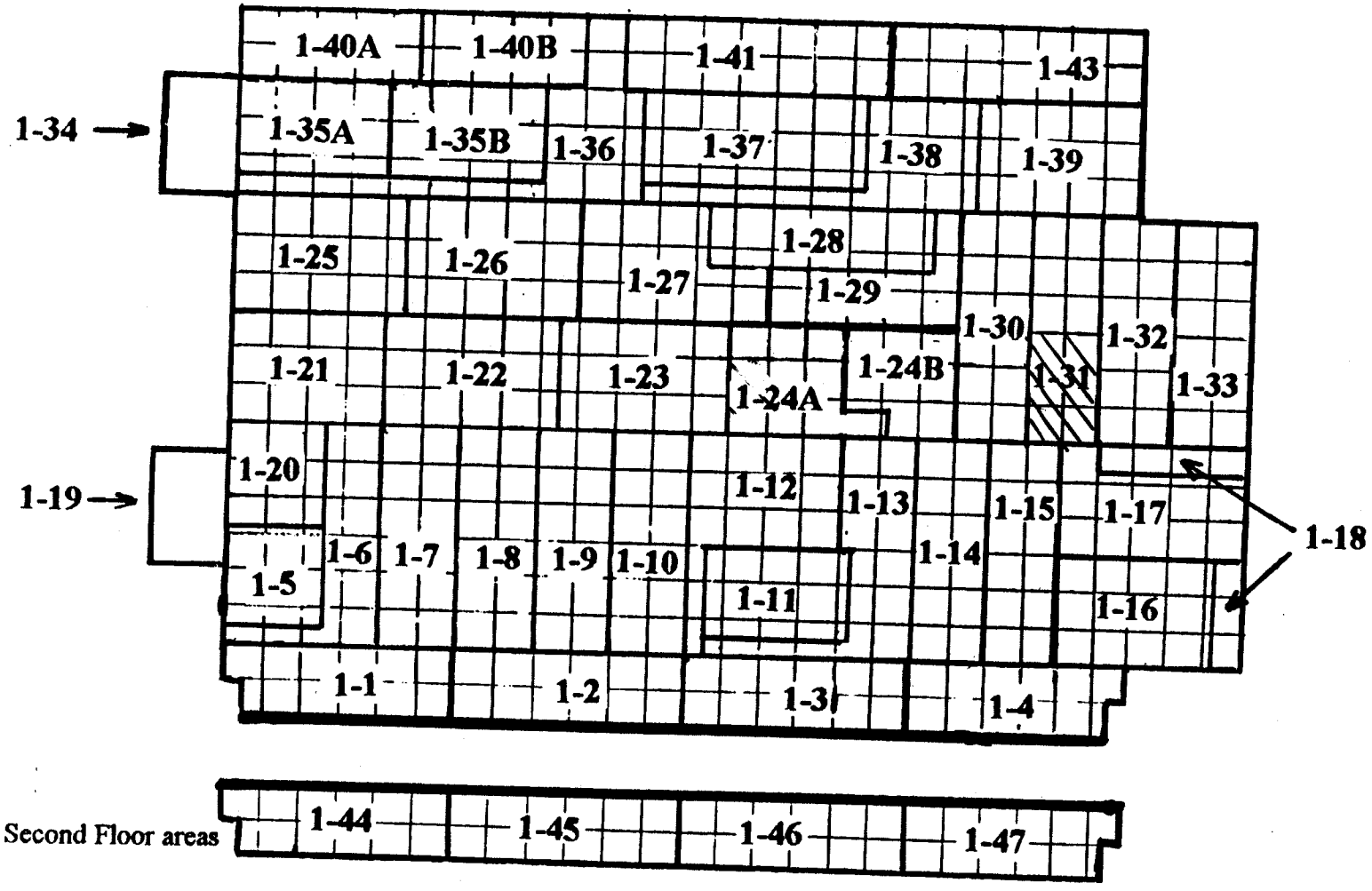
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-31-2

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 7:44
2	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 7:46
3	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 7:49
4	1.956	2.09	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.664	0.32	8/31/95 7:51
5	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 7:53
6	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 7:55
7	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 7:57
8	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 8:00
9	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 8:02
10	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 8:04
11	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 8:06
12	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 8:08
13	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/31/95 8:11
14	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 8:13
15	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 8:15
16	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 8:17
17	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 8:19
18	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 8:22
19	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/31/95 8:24
20	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 8:26

1-31-2 C.V/JG
7-3-9
SN# 01-394

SURVEY UNITS FOR SECTION ONE



MAIN BUILDING
SMP
BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-395
Survey Section:	1
Survey Unit:	24A
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/3/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	4

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	208

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J. Gemza 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
CEILING	2	0	N/A	N/A	N/A	N/A	3	6	198	11	320	220	-0.99	2	-0.47	3	PAINTED METAL
CEILING	5	0	N/A	N/A	N/A	N/A	2	6	188	11	276	200	0.48	2	-0.47	3	PAINTED METAL
CEILING	8	0	N/A	N/A	N/A	N/A	0	6	181	11	293	200	-0.99	2	2.18	3	PAINTED METAL
CEILING	12	0	N/A	N/A	N/A	N/A	3	6	176	11	259	180	0.48	2	2.18	3	PAINTED METAL
CEILING	16	0	N/A	N/A	N/A	N/A	3	6	168	11	245	180	0.48	2	0.85	3	PAINTED METAL
CEILING	2	-4	N/A	N/A	N/A	N/A	5	6	220	11	331	200	-0.99	2	2.18	3	PAINTED METAL
CEILING	4	-4	N/A	N/A	N/A	N/A	1	6	188	11	264	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	7	-4	N/A	N/A	N/A	N/A	3	6	166	11	335	170	-0.99	2	-0.47	3	PAINTED METAL
CEILING	10	-4	N/A	N/A	N/A	N/A	0	6	195	11	240	190	-0.99	2	2.18	3	PAINTED METAL
CEILING	12	-4	N/A	N/A	N/A	N/A	4	6	200	11	300	200	1.96	2	-3.13	3	PAINTED METAL
CEILING	15	-4	N/A	N/A	N/A	N/A	2	6	171	11	200	180	0.48	2	2.18	3	PAINTED METAL
CEILING	2	-8	N/A	N/A	N/A	N/A	4	6	205	11	293	190	0.48	2	-3.13	3	PAINTED METAL
CEILING	4	-8	N/A	N/A	N/A	N/A	1	6	172	11	241	180	0.48	2	-3.13	3	PAINTED METAL
CEILING	8	-8	N/A	N/A	N/A	N/A	3	6	185	11	219	170	0.48	2	-3.13	3	PAINTED METAL
CEILING	11	-8	N/A	N/A	N/A	N/A	3	6	184	11	200	160	-0.99	2	0.85	3	PAINTED METAL
CEILING	12	-8	N/A	N/A	N/A	N/A	0	6	183	11	240	170	-0.99	2	-1.80	3	PAINTED METAL
CEILING	2	-12	N/A	N/A	N/A	N/A	5	6	196	11	268	180	-0.99	2	0.85	3	PAINTED METAL
CEILING	6	-12	N/A	N/A	N/A	N/A	3	6	167	11	300	190	-0.99	2	0.85	3	PAINTED METAL
CEILING	10	-12	N/A	N/A	N/A	N/A	1	6	196	11	320	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	14	-12	N/A	N/A	N/A	N/A	1	6	189	11	245	200	0.48	2	-1.80	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-395.XLD
Batch Ended: 8/31/95 9:10
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: 1440

Application Revision: 3
Application Version: Standard

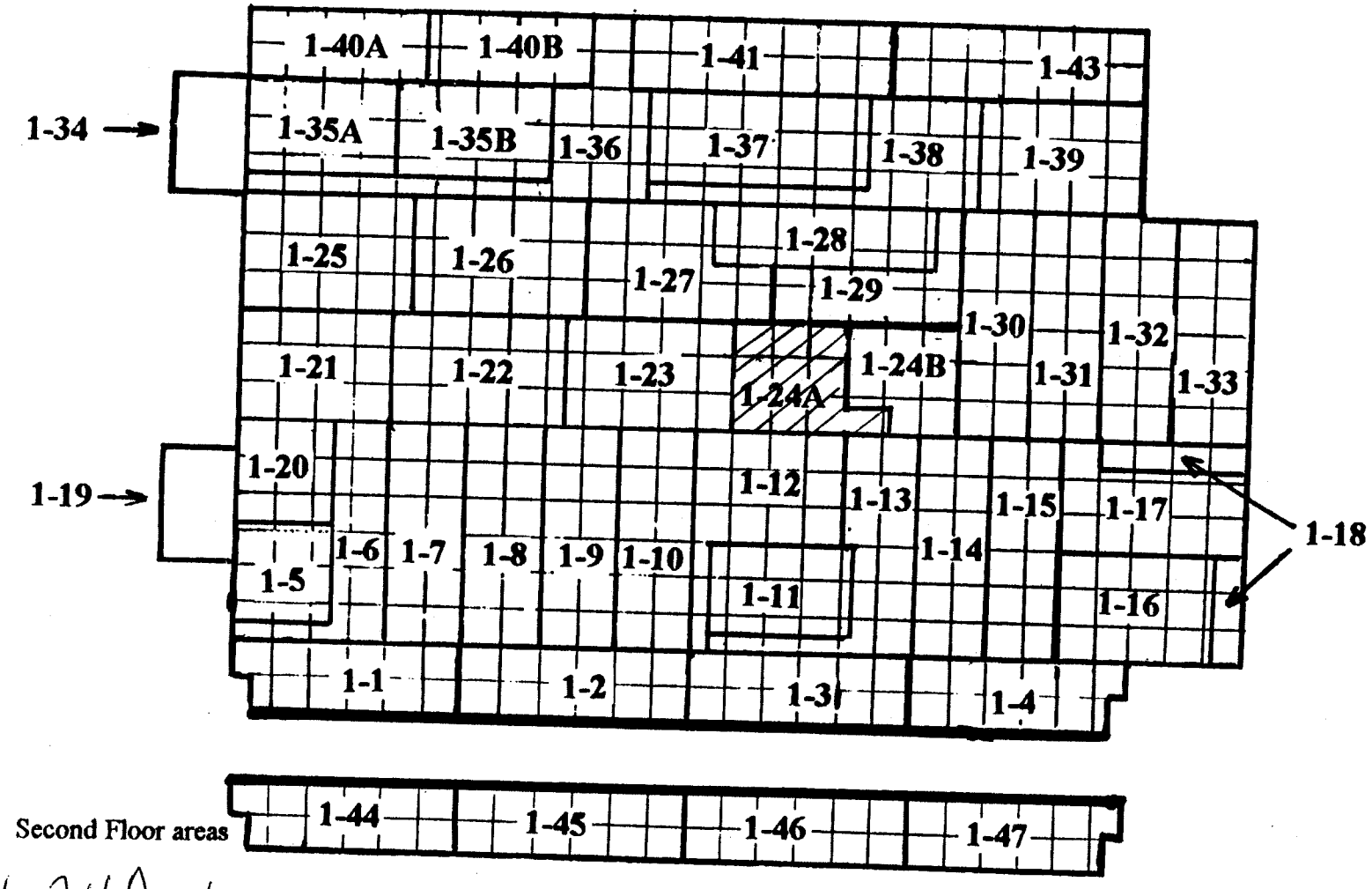
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-24A-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	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 8:28
22	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 8:31
23	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 8:33
24	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/31/95 8:35
25	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/31/95 8:37
26	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 8:39
27	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 8:42
28	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 8:44
29	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 8:46
30	1.956	2.09	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.664	-1.18	8/31/95 8:48
31	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/31/95 8:50
32	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 8:53
33	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 8:55
32	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 8:57
34	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 8:59
35	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:01
36	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 9:04
37	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 9:06
38	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:08
39	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 9:10

SURVEY UNITS FOR SECTION ONE



1-24A-1
7-3-95
CM# 01-395

MAIN BUILDING
SMP
BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-396

Survey Section:	1
Survey Unit:	31
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	7/3/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	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
1593	11	36.3	2.75	179

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J.Gemza 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
CEILING	2.5	-2	N/A	N/A	N/A	N/A	1	6	166	11	232	160	0.48	2	-3.13	3	PAINTED METAL
CEILING	4	-2	N/A	N/A	N/A	N/A	1	6	183	11	226	170	-0.99	2	-1.80	3	PAINTED METAL
CEILING	10	-2	N/A	N/A	N/A	N/A	2	6	164	11	194	160	-0.99	2	0.85	3	PAINTED METAL
CEILING	14	-2	N/A	N/A	N/A	N/A	1	6	195	11	208	150	0.48	2	-0.47	3	PAINTED METAL
CEILING	2.5	-6	N/A	N/A	N/A	N/A	0	6	166	11	210	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	8	-6	N/A	N/A	N/A	N/A	1	6	167	11	199	190	-0.99	2	-1.80	3	PAINTED METAL
CEILING	14	-6	N/A	N/A	N/A	N/A	2	6	176	11	294	200	-0.99	2	2.18	3	PAINTED METAL
CEILING	3	-10	N/A	N/A	N/A	N/A	3	6	198	11	203	170	1.96	2	3.51	3	PAINTED METAL
CEILING	8	-10	N/A	N/A	N/A	N/A	2	6	189	11	274	200	0.48	2	3.51	3	PAINTED METAL
CEILING	16	-10	N/A	N/A	N/A	N/A	0	6	171	11	245	200	0.48	2	6.17	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-396.XLD
Batch Ended: 8/31/95 9:32
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: 1440

Application Revision: 3
Application Version: Standard

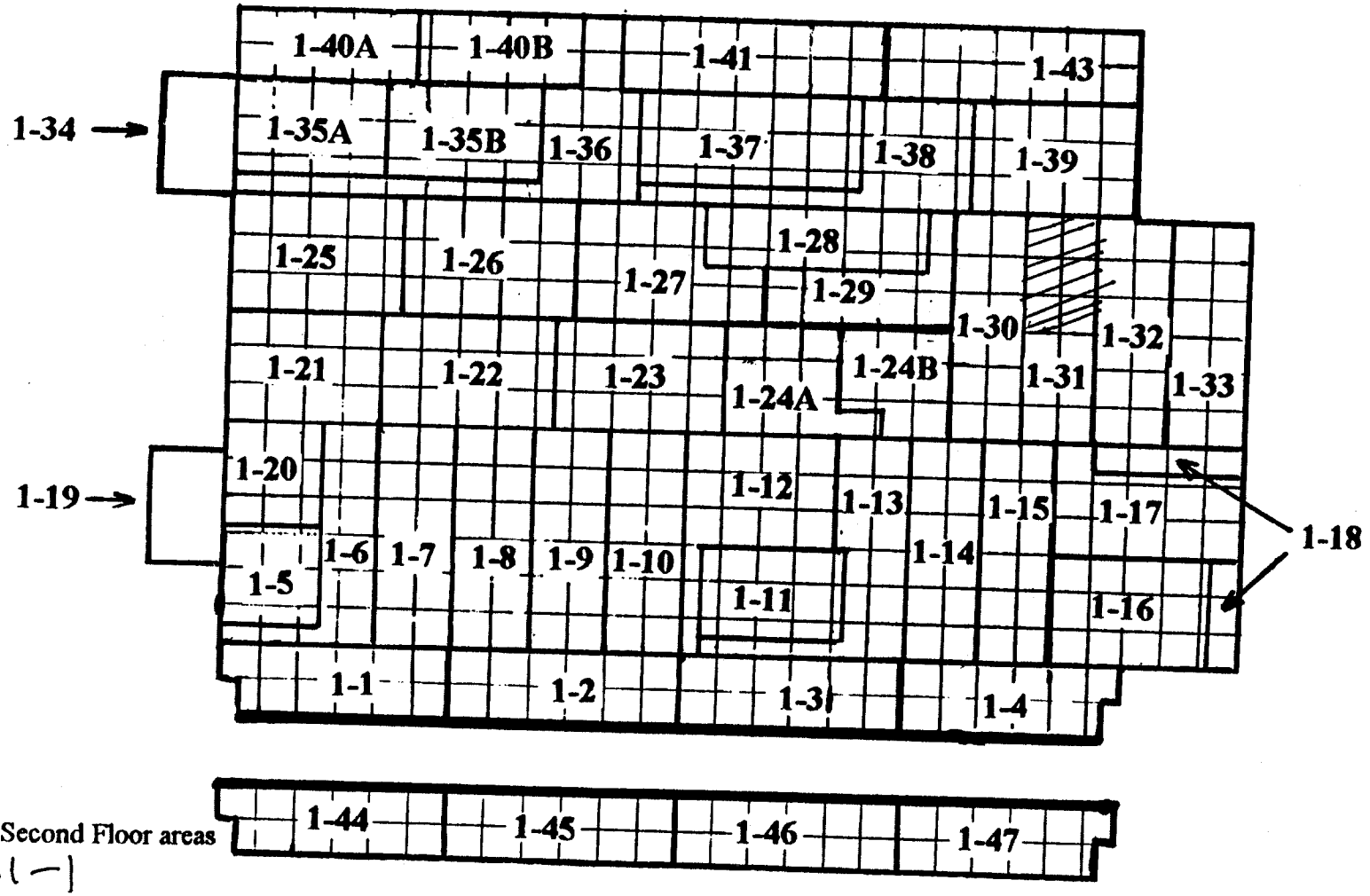
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-31-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
40	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 9:12
41	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:15
42	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 9:17
43	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 9:19
44	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:21
45	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:24
46	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 9:26
47	1.956	2.09	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.664	1.32	8/31/95 9:28
48	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/31/95 9:30
49	0.484	1.48	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.164	2.32	8/31/95 9:32

SURVEY UNITS FOR SECTION ONE



1-31-1
7-3-95
01-396

MAIN BUILDING
SMP
BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-397
Survey Section:	1
Survey Unit:	27
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/4/95
Count Date:	8/31/95

Alpha Survey Instruments				
Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	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
1593	11	36.3	2.75	176

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J. Gemza 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
CEILING	1	-2	N/A	N/A	N/A	N/A	1	6	157	11	231	180	-0.99	2	-3.13	3	PAINTED METAL
CEILING	3	-2	N/A	N/A	N/A	N/A	1	6	193	11	253	190	0.48	2	0.85	3	PAINTED METAL
CEILING	7	-2	N/A	N/A	N/A	N/A	3	6	192	11	211	160	0.48	2	-0.47	3	PAINTED METAL
CEILING	1	-8	N/A	N/A	N/A	N/A	2	6	176	11	250	190	-0.99	2	-0.47	3	PAINTED METAL
CEILING	4	-8	N/A	N/A	N/A	N/A	1	6	170	11	227	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	7	-8	N/A	N/A	N/A	N/A	0	6	208	11	272	200	-0.99	2	2.18	3	PAINTED METAL
CEILING	-6.5	-13	N/A	N/A	N/A	N/A	5	6	183	11	247	190	-0.99	2	-1.80	3	PAINTED METAL
CEILING	-5	-13	N/A	N/A	N/A	N/A	0	6	197	11	259	190	-0.99	2	0.85	3	PAINTED METAL
CEILING	-1	-13	N/A	N/A	N/A	N/A	2	6	177	11	234	180	-0.99	2	-0.47	3	PAINTED METAL
CEILING	3	-13	N/A	N/A	N/A	N/A	0	6	209	11	222	160	-0.99	2	4.84	3	PAINTED METAL
CEILING	5	-13	N/A	N/A	N/A	N/A	2	6	164	11	262	170	0.48	2	2.18	3	PAINTED METAL
CEILING	7	-13	N/A	N/A	N/A	N/A	1	6	168	11	242	190	-0.99	2	10.16	3	PAINTED METAL
CEILING	-4	-16	N/A	N/A	N/A	N/A	1	6	182	11	267	190	0.48	2	3.51	3	PAINTED METAL
CEILING	-2	-16	N/A	N/A	N/A	N/A	1	6	190	11	255	180	1.96	2	6.17	3	PAINTED METAL
CEILING	0	-16	N/A	N/A	N/A	N/A	1	6	181	11	258	200	-0.99	2	0.85	3	PAINTED METAL
CEILING	3	-16	N/A	N/A	N/A	N/A	1	6	155	11	282	210	-0.99	2	3.51	3	PAINTED METAL
CEILING	5	-16	N/A	N/A	N/A	N/A	1	6	180	11	243	190	-0.99	2	-4.46	3	PAINTED METAL
CEILING	7	-16	N/A	N/A	N/A	N/A	3	6	209	11	295	180	-0.99	2	3.51	3	PAINTED METAL
CEILING	-6	-19	N/A	N/A	N/A	N/A	2	6	179	11	245	190	3.43	2	-1.80	3	PAINTED METAL
CEILING	-4	-19	N/A	N/A	N/A	N/A	1	6	170	11	360	180	-0.99	2	0.85	3	PAINTED METAL
CEILING	-1	-19	N/A	N/A	N/A	N/A	1	6	179	11	263	190	0.48	2	0.85	3	PAINTED METAL
CEILING	1	-19	N/A	N/A	N/A	N/A	4	6	212	11	247	200	-0.99	2	-0.47	3	PAINTED METAL
CEILING	5	-19	N/A	N/A	N/A	N/A	1	6	156	11	266	190	0.48	2	-1.80	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-397
Survey Section:	1
Survey Unit:	27
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/4/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	176

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J Gemza 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
CEILING	7	-19	N/A	N/A	N/A	N/A	1	6	157	11	360	210	0.48	2	-3.13	3	PAINTED METAL
CEILING	-4	-25	N/A	N/A	N/A	N/A	3	6	194	11	288	190	-0.99	2	-0.47	3	PAINTED METAL
CEILING	-1	-25	N/A	N/A	N/A	N/A	6	6	167	11	280	200	0.48	2	-3.13	3	PAINTED METAL
CEILING	1	-25	N/A	N/A	N/A	N/A	3	6	203	11	360	200	0.48	2	-3.13	3	PAINTED METAL
CEILING	3	-25	N/A	N/A	N/A	N/A	1	6	151	11	256	200	0.48	2	0.85	3	PAINTED METAL
CEILING	5	-25	N/A	N/A	N/A	N/A	2	6	300	11	265	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	7	-25	N/A	N/A	N/A	N/A	2	6	183	11	360	190	-0.99	2	2.18	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-397.XLD
Batch Ended: 8/31/95 10:39
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-27-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 9:35
2	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/31/95 9:37
3	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 9:39
4	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 9:41
5	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:43
6	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 9:46
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 9:48
8	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 9:50
9	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 9:52
10	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/31/95 9:55
11	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/31/95 9:57
12	-0.989	1.48	<MDA	7.98	10.16	4.42	<AL	11.67	2.00	-0.336	3.82	8/31/95 9:59
13	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/31/95 10:01
14	1.956	2.09	<MDA	7.98	6.17	3.77	<AL	11.67	2.00	0.664	2.32	8/31/95 10:03
15	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 10:05
16	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 10:08
17	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/31/95 10:10
18	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 10:12
19	3.429	2.56	<AL	7.98	-1.80	1.90	<MDA	11.67	2.00	1.164	-0.68	8/31/95 10:14
20	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 10:17
21	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/31/95 10:19
22	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 10:21
23	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 10:23
24	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 10:25

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-397.XLD
Batch Ended: 8/31/95 10:39
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-27-1

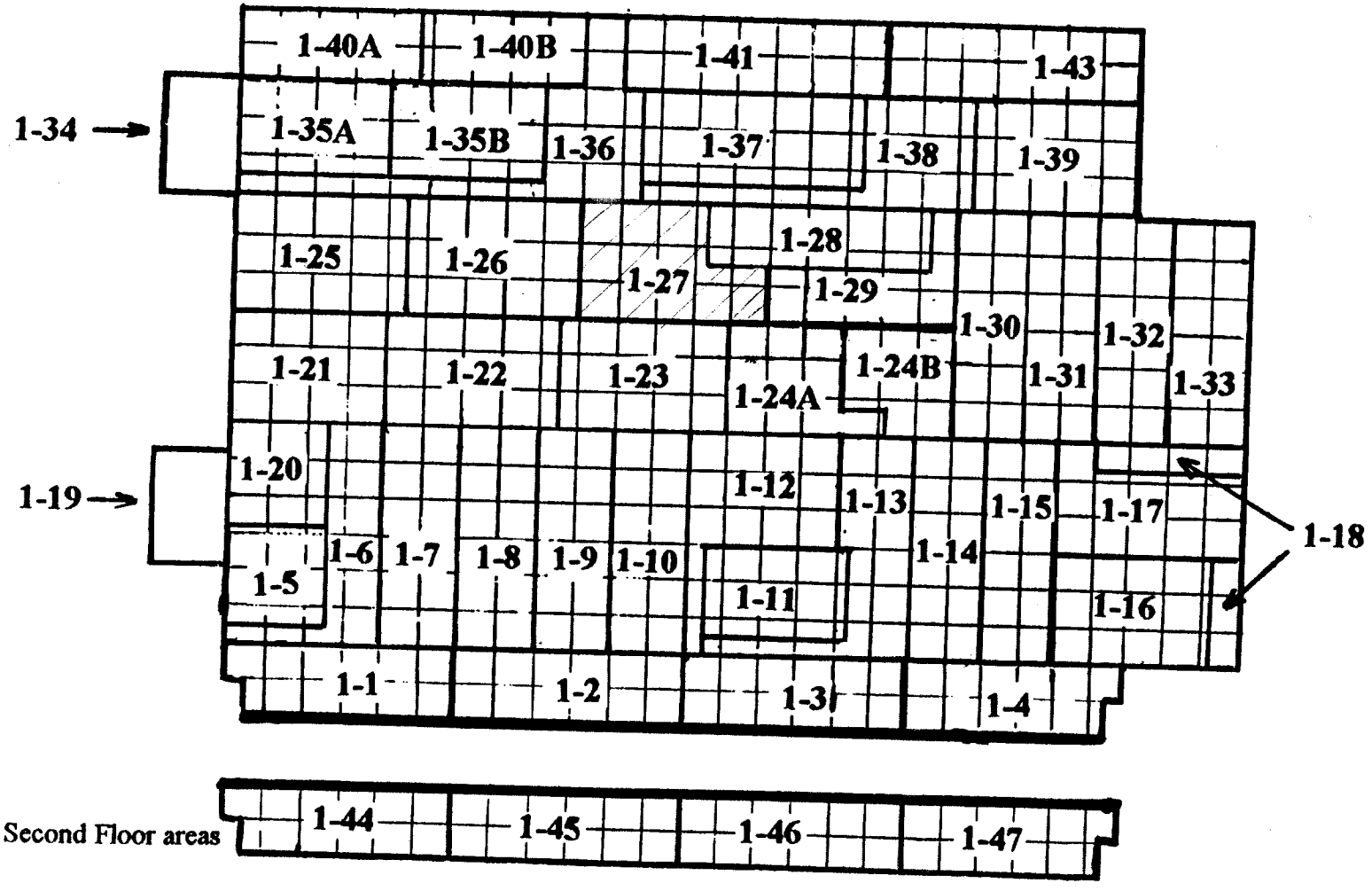
	Alpha Activity				Beta Activity				Count	Alpha	Beta	Completion
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	time (min)	CPM	CPM	Date - Time
25	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 10:28
26	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 10:30
27	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 10:32
28	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/31/95 10:34
29	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 10:36
30	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 10:39

SW: 01-397

DATE 7-4-95 J.V/JG

SECTION 1-27-1

SURVEY UNITS FOR SECTION ONE



MAIN BUILDING

SMP

BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-398

Survey Section:	1
Survey Unit:	25
Survey Sub-unit:	1

Classification:	4
Survey Type:	UPPER

Survey Date:	7/4/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	175

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J Gemza 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
CEILING	3	0	N/A	N/A	N/A	N/A	0	6	205	11	332	220	-0.99	2	2.18	3	PAINTED METAL
CEILING	5	0	N/A	N/A	N/A	N/A	2	6	214	11	360	200	-0.99	2	0.85	3	PAINTED METAL
CEILING	8	0	N/A	N/A	N/A	N/A	2	6	215	11	257	190	-0.99	2	-0.47	3	PAINTED METAL
CEILING	12	0	N/A	N/A	N/A	N/A	3	6	183	11	249	200	-0.99	2	-3.13	3	PAINTED METAL
CEILING	14	0	N/A	N/A	N/A	N/A	1	6	165	11	282	190	-0.99	2	-1.80	3	PAINTED METAL
CEILING	16	0	N/A	N/A	N/A	N/A	0	6	176	11	288	180	-0.99	2	-0.47	3	PAINTED METAL
CEILING	3	-1	N/A	N/A	N/A	N/A	3	6	197	11	226	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	4	-1	N/A	N/A	N/A	N/A	4	6	183	11	302	210	-0.99	2	3.51	3	PAINTED METAL
CEILING	7	-1	N/A	N/A	N/A	N/A	3	6	162	11	360	200	0.48	2	4.84	3	PAINTED METAL
CEILING	11	-1	N/A	N/A	N/A	N/A	0	6	196	11	261	190	0.48	2	-0.47	3	PAINTED METAL
CEILING	14	-1	N/A	N/A	N/A	N/A	2	6	182	11	270	210	-0.99	2	-0.47	3	PAINTED METAL
CEILING	16	-1	N/A	N/A	N/A	N/A	4	6	186	11	315	190	-0.99	2	-1.80	3	PAINTED METAL
CEILING	3	-4	N/A	N/A	N/A	N/A	1	6	189	11	253	200	0.48	2	-0.47	3	PAINTED METAL
CEILING	5	-4	N/A	N/A	N/A	N/A	1	6	215	11	270	225	-0.99	2	-0.47	3	PAINTED METAL
CEILING	7	-4	N/A	N/A	N/A	N/A	4	6	182	11	220	180	0.48	2	2.18	3	PAINTED METAL
CEILING	8.5	-4	N/A	N/A	N/A	N/A	0	6	181	11	335	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	11	-4	N/A	N/A	N/A	N/A	2	6	187	11	242	180	0.48	2	-1.80	3	PAINTED METAL
CEILING	3	-6	N/A	N/A	N/A	N/A	1	6	211	11	224	170	0.48	2	3.51	3	PAINTED METAL
CEILING	5	-6	N/A	N/A	N/A	N/A	0	6	190	11	204	170	-0.99	2	0.85	3	PAINTED METAL
CEILING	7	-6	N/A	N/A	N/A	N/A	0	6	195	11	255	200	0.48	2	-0.47	3	PAINTED METAL
CEILING	9	-6	N/A	N/A	N/A	N/A	4	6	189	11	168	150	-0.99	2	-3.13	3	PAINTED METAL
CEILING	11	-6	N/A	N/A	N/A	N/A	2	6	209	11	233	190	-0.99	2	3.51	3	PAINTED METAL
CEILING	2.5	-10	N/A	N/A	N/A	N/A	1	6	187	11	301	200	-0.99	2	-1.80	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-398
Survey Section:	1
Survey Unit:	25
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/4/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	175

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/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
CEILING	6	-10	N/A	N/A	N/A	N/A	0	6	185	11	238	190	-0.99	2	-3.13	3	PAINTED METAL
CEILING	8	-10	N/A	N/A	N/A	N/A	3	6	268	11	240	210	-0.99	2	-1.80	3	PAINTED METAL
CEILING	10	-10	N/A	N/A	N/A	N/A	2	6	200	11	258	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	2.5	-16	N/A	N/A	N/A	N/A	1	6	192	11	273	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	5	-16	N/A	N/A	N/A	N/A	1	6	170	11	240	170	-0.99	2	3.51	3	PAINTED METAL
CEILING	8	-16	N/A	N/A	N/A	N/A	1	6	218	11	360	180	-0.99	2	-4.46	3	PAINTED METAL
CEILING	10	-16	N/A	N/A	N/A	N/A	0	6	168	11	217	190	-0.99	2	-3.13	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-398.XLD
Batch Ended: 8/31/95 11:45
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
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
31	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 10:41
33	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 10:43
34	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 10:45
35	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 10:48
36	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 10:50
37	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 10:52
39	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 10:54
38	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 10:56
40	0.484	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	0.164	1.82	8/31/95 10:59
50	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 11:01
51	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 11:03
52	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 11:05
53	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 11:07
54	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 11:10
55	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/31/95 11:12
56	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 11:14
57	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 11:16
58	0.484	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	0.164	1.32	8/31/95 11:18
59	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 11:21
60	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 11:23
61	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 11:25
62	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 11:27
63	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 11:29
64	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 11:32

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-398.XLD
Batch Ended: 8/31/95 11:45
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

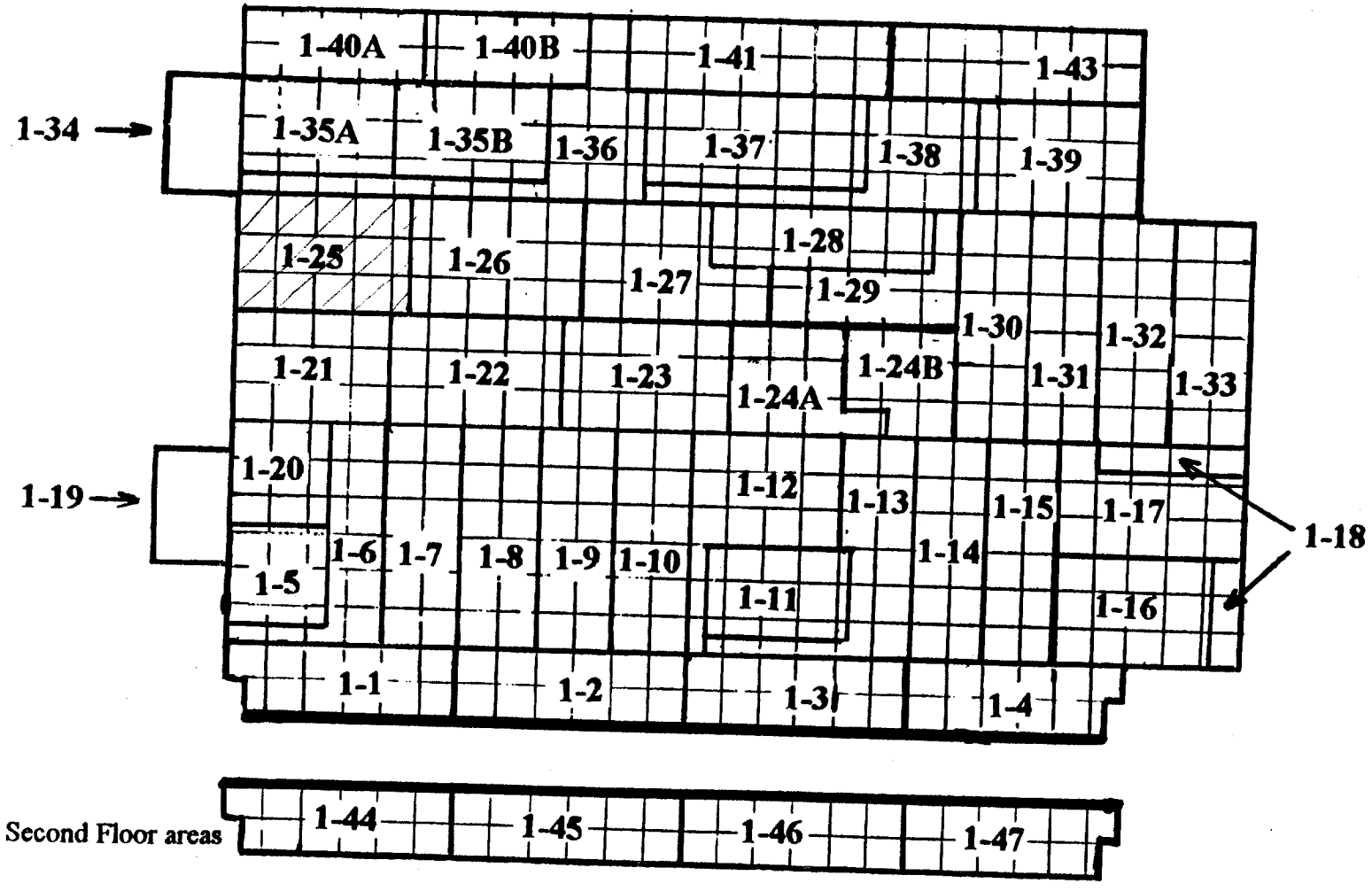
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

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
65	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 11:34
66	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 11:36
67	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 11:38
68	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 11:41
69	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/31/95 11:43
70	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 11:45

SN: 01-398
SECTION: 1-25-1
DATE: 7-4-95
CV/JG

SURVEY UNITS FOR SECTION ONE



MAIN BUILDING
SMP
BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-399
Survey Section:	1
Survey Unit:	29
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/7/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	169

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J. Gemza 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
CEILING	2.5	0	N/A	N/A	N/A	N/A	0	6	186	11	267	200	0.48	2	-3.13	3	PAINTED METAL
CEILING	4	0	N/A	N/A	N/A	N/A	1	6	185	11	281	190	-0.99	2	-3.13	3	PAINTED METAL
CEILING	7	0	N/A	N/A	N/A	N/A	0	6	172	11	261	180	-0.99	2	-0.47	3	PAINTED METAL
CEILING	10	0	N/A	N/A	N/A	N/A	2	6	169	11	282	200	0.48	2	-3.13	3	PAINTED METAL
CEILING	12	0	N/A	N/A	N/A	N/A	0	6	190	11	213	190	-0.99	2	2.18	3	PAINTED METAL
CEILING	14	0	N/A	N/A	N/A	N/A	2	6	177	11	333	200	-0.99	2	-0.47	3	PAINTED METAL
CEILING	2.5	-4	N/A	N/A	N/A	N/A	0	6	187	11	218	180	-0.99	2	-4.46	3	PAINTED METAL
CEILING	5	-4	N/A	N/A	N/A	N/A	1	6	177	11	221	170	0.48	2	2.18	3	PAINTED METAL
CEILING	9	-4	N/A	N/A	N/A	N/A	2	6	203	11	266	170	0.48	2	-3.13	3	PAINTED METAL
CEILING	12	-4	N/A	N/A	N/A	N/A	2	6	191	11	260	180	-0.99	2	4.84	3	PAINTED METAL
CEILING	14	-4	N/A	N/A	N/A	N/A	0	6	172	11	221	160	3.43	2	0.85	3	PAINTED METAL
CEILING	16	-4	N/A	N/A	N/A	N/A	2	6	176	11	210	170	-0.99	2	3.51	3	PAINTED METAL
CEILING	16	-10	N/A	N/A	N/A	N/A	0	6	182	11	307	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	14	-10	N/A	N/A	N/A	N/A	0	6	195	11	290	210	-0.99	2	3.51	3	PAINTED METAL
CEILING	12	-10	N/A	N/A	N/A	N/A	0	6	151	11	249	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	9	-10	N/A	N/A	N/A	N/A	0	6	185	11	244	190	-0.99	2	-3.13	3	PAINTED METAL
CEILING	9	-16	N/A	N/A	N/A	N/A	1	6	196	11	214	170	-0.99	2	-0.47	3	PAINTED METAL
CEILING	11	-16	N/A	N/A	N/A	N/A	2	6	213	11	310	170	-0.99	2	-0.47	3	PAINTED METAL
CEILING	13	-16	N/A	N/A	N/A	N/A	1	6	169	11	295	180	0.48	2	-0.47	3	PAINTED METAL
CEILING	15	-16	N/A	N/A	N/A	N/A	2	6	171	11	292	200	-0.99	2	-0.47	3	PAINTED METAL
CEILING	16	-16	N/A	N/A	N/A	N/A	1	6	169	11	360	180	-0.99	2	-3.13	3	PAINTED METAL
CEILING	9	-22	N/A	N/A	N/A	N/A	0	6	170	11	255	180	-0.99	2	-3.13	3	PAINTED METAL
CEILING	10	-22	N/A	N/A	N/A	N/A	1	6	186	11	225	160	-0.99	2	0.85	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-399
Survey Section:	1
Survey Unit:	29
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/7/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	1

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	169

Gamma or Beta/Gamma Instruments

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

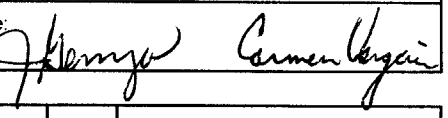
Alpha Counting Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
13295	2	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/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
CEILING	11	-22	N/A	N/A	N/A	N/A	2	6	161	11	245	190	1.96	2	-0.47	3	PAINTED METAL
CEILING	12	-22	N/A	N/A	N/A	N/A	1	6	184	11	241	190	-0.99	2	-0.47	3	PAINTED METAL
CEILING	15	-22	N/A	N/A	N/A	N/A	0	6	190	11	240	150	0.48	2	-0.47	3	PAINTED METAL
CEILING	16	-28	N/A	N/A	N/A	N/A	4	6	185	11	212	160	-0.99	2	-0.47	3	PAINTED METAL
CEILING	14	-28	N/A	N/A	N/A	N/A	2	6	169	11	264	180	-0.99	2	-0.47	3	PAINTED METAL
CEILING	12	-28	N/A	N/A	N/A	N/A	2	6	205	11	266	199	0.48	2	-3.13	3	PAINTED METAL
CEILING	10	-28	N/A	N/A	N/A	N/A	1	6	162	11	235	170	-0.99	2	-0.47	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-399.XLD
Batch Ended: 8/31/95 12:51
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-29-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
71	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 11:47
73	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 11:49
72	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 11:52
74	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 11:54
75	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 11:56
76	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 11:58
77	-0.989	1.48	<MDA	7.98	-4.46	1.36	<MDA	11.67	2.00	-0.336	-1.68	8/31/95 12:00
78	0.484	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	0.164	0.82	8/31/95 12:03
79	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 12:05
80	-0.989	1.48	<MDA	7.98	4.84	3.53	<AL	11.67	2.00	-0.336	1.82	8/31/95 12:07
81	3.429	2.56	<AL	7.98	0.85	2.68	<MDA	11.67	2.00	1.164	0.32	8/31/95 12:09
82	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 12:11
83	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 12:14
84	-0.989	1.48	<MDA	7.98	3.51	3.27	<MDA	11.67	2.00	-0.336	1.32	8/31/95 12:16
85	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 12:18
86	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 12:20
87	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:23
88	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:25
89	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 12:27
90	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:29
91	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 12:31
92	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 12:33
93	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 12:36
94	1.956	2.09	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.664	-0.18	8/31/95 12:38

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-399.XLD
Batch Ended: 8/31/95 12:51
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

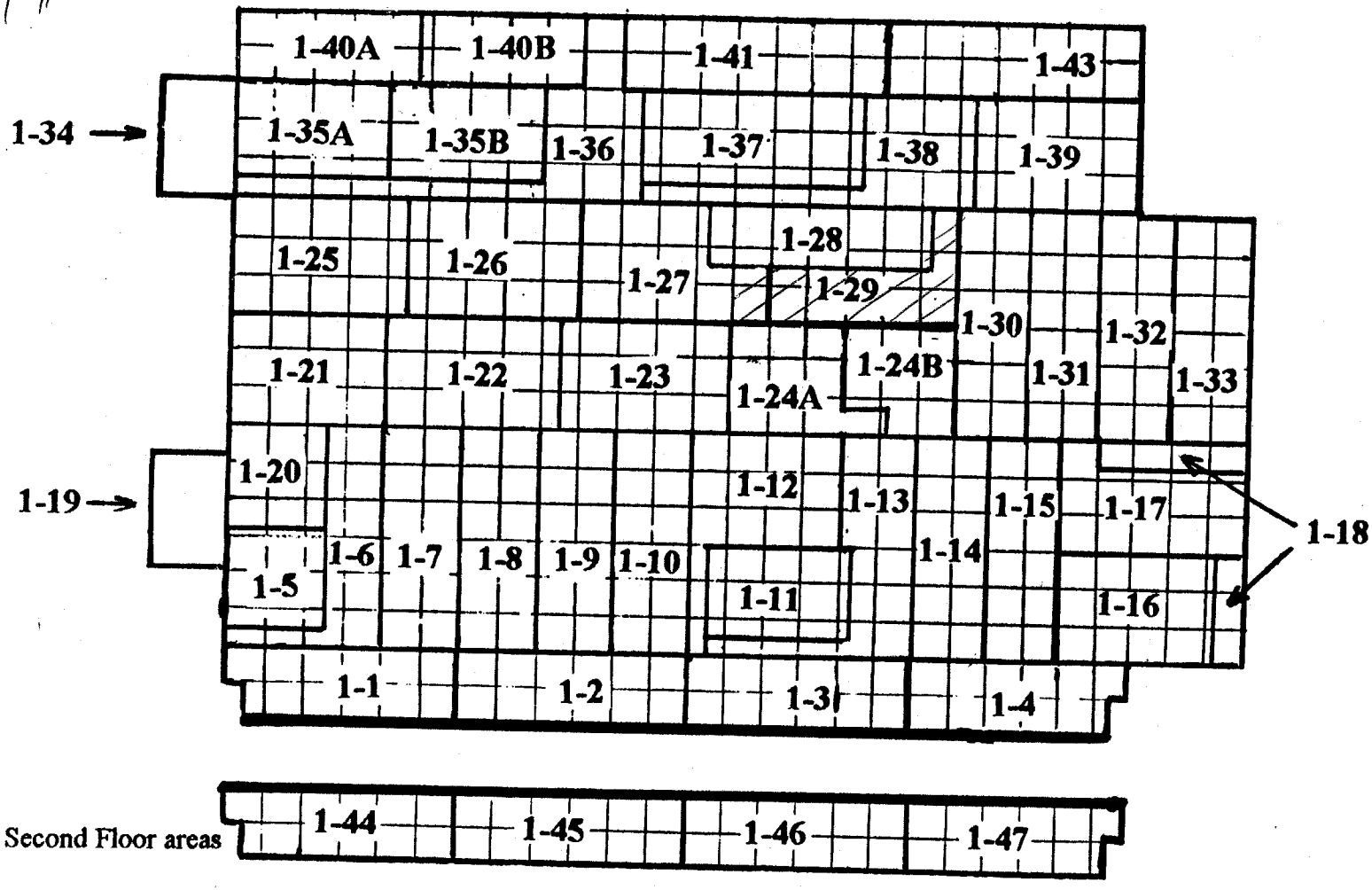
Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-29-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
95	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:40
96	0.484	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	0.164	-0.18	8/31/95 12:42
97	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:45
98	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:47
99	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 12:49
100	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 12:51

1-29-1
7-7-95
SM# 01-399
CV/9A

SURVEY UNITS FOR SECTION ONE



MAIN BUILDING
SMP
BLAIRSVILLE SITE

Blairsville Point Survey Form #003

Survey Serial #:	01-400
Survey Section:	1
Survey Unit:	23
Survey Sub-unit:	1
Classification:	4
Survey Type:	UPPER
Survey Date:	7/7/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	2

Beta Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1593	11	36.3	2.75	192

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	33.96	2.94	0.34

Beta Counting Instruments

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J Gemza 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
CEILING	1	-2	N/A	N/A	N/A	N/A	2	6	191	11	360	180	-0.99	2	-3.13	3	PAINTED METAL
CEILING	3	-2	N/A	N/A	N/A	N/A	1	6	189	11	236	190	-0.99	2	-3.13	3	PAINTED METAL
CEILING	5	-2	N/A	N/A	N/A	N/A	3	6	195	11	223	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	6	-2	N/A	N/A	N/A	N/A	0	6	173	11	259	190	0.48	2	-1.80	3	PAINTED METAL
CEILING	8	-2	N/A	N/A	N/A	N/A	1	6	192	11	226	180	-0.99	2	-0.47	3	PAINTED METAL
CEILING	14	-2	N/A	N/A	N/A	N/A	1	6	175	11	240	190	0.48	2	0.85	3	PAINTED METAL
CEILING	15	-2	N/A	N/A	N/A	N/A	1	6	201	11	360	200	-0.99	2	-1.80	3	PAINTED METAL
CEILING	16	-7	N/A	N/A	N/A	N/A	1	6	191	11	253	180	-0.99	2	0.85	3	PAINTED METAL
CEILING	14	-7	N/A	N/A	N/A	N/A	1	6	187	11	244	180	-0.99	2	0.85	3	PAINTED METAL
CEILING	11	-7	N/A	N/A	N/A	N/A	0	6	184	11	255	170	-0.99	2	-3.13	3	PAINTED METAL
CEILING	10	-7	N/A	N/A	N/A	N/A	3	6	192	11	240	190	1.96	2	-1.80	3	PAINTED METAL
CEILING	6	-7	N/A	N/A	N/A	N/A	1	6	198	11	248	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	4	-7	N/A	N/A	N/A	N/A	0	6	170	11	360	160	-0.99	2	-1.80	3	PAINTED METAL
CEILING	1	-7	N/A	N/A	N/A	N/A	1	6	178	11	266	190	-0.99	2	-0.47	3	PAINTED METAL
CEILING	16	-13	N/A	N/A	N/A	N/A	0	6	197	11	239	180	-0.99	2	-0.47	3	PAINTED METAL
CEILING	14	-13	N/A	N/A	N/A	N/A	1	6	215	11	230	190	-0.99	2	-3.13	3	PAINTED METAL
CEILING	10	-13	N/A	N/A	N/A	N/A	2	6	199	11	325	180	-0.99	2	-1.80	3	PAINTED METAL
CEILING	8	-13	N/A	N/A	N/A	N/A	0	6	212	11	360	200	0.48	2	-1.80	3	PAINTED METAL
CEILING	5	-13	N/A	N/A	N/A	N/A	1	6	170	11	254	180	-0.99	2	0.85	3	PAINTED METAL
CEILING	3	-13	N/A	N/A	N/A	N/A	1	6	186	11	231	170	-0.99	2	-3.13	3	PAINTED METAL
CEILING	15	-19	N/A	N/A	N/A	N/A	0	6	216	11	240	190	-0.99	2	2.18	3	PAINTED METAL
CEILING	13	-19	N/A	N/A	N/A	N/A	2	6	180	11	360	220	-0.99	2	0.85	3	PAINTED METAL
CEILING	10	-19	N/A	N/A	N/A	N/A	0	6	170	11	223	180	-0.99	2	-1.80	3	PAINTED METAL

Blairsville Point Survey Form #003

Survey Serial #:	01-400

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

Classification:	4
Survey Type:	UPPER

Survey Date:	7/7/95
Count Date:	8/31/95

Alpha Survey Instruments

Inst. S/N	Inst. Code	Eff. %	Corr. Fac.	Bkg. CPM
1510	6	20.8	4.81	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
1593	11	36.3	2.75	192

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

Surveyor:	J.GEMZA/C.VERGARI
Signature:	J. Gemza 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
CEILING	6	-19	N/A	N/A	N/A	N/A	2	6	167	11	240	170	0.48	2	-1.80	3	PAINTED METAL
CEILING	3	-19	N/A	N/A	N/A	N/A	2	6	165	11	202	160	0.48	2	-3.13	3	PAINTED METAL
CEILING	16	-22	N/A	N/A	N/A	N/A	0	6	180	11	267	200	-0.99	2	0.85	3	PAINTED METAL
CEILING	14	-22	N/A	N/A	N/A	N/A	1	6	178	11	235	170	-0.99	2	-1.80	3	PAINTED METAL
CEILING	10	-22	N/A	N/A	N/A	N/A	1	6	159	11	265	200	-0.99	2	-0.47	3	PAINTED METAL
CEILING	8	-22	N/A	N/A	N/A	N/A	0	6	202	11	239	190	0.48	2	-3.13	3	PAINTED METAL
CEILING	5	-22	N/A	N/A	N/A	N/A	5	6	196	11	242	180	-0.99	2	7.50	3	PAINTED METAL

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-400.XLD
Batch Ended: 8/31/95 13:57
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: 1440

Application Revision: 3
Application Version: Standard

Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-23-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
1	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 12:54
2	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 12:56
3	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 12:58
4	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 13:00
5	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 13:02
6	0.484	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	0.164	0.32	8/31/95 13:04
7	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 13:07
8	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 13:09
9	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 13:11
10	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 13:13
11	1.956	2.09	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.664	-0.68	8/31/95 13:16
12	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 13:18
13	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 13:20
14	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 13:22
15	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 13:24
16	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 13:26
17	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 13:29
18	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 13:31
19	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 13:33
20	-0.989	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	-0.336	-1.18	8/31/95 13:35
21	-0.989	1.48	<MDA	7.98	2.18	2.99	<MDA	11.67	2.00	-0.336	0.82	8/31/95 13:38
22	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 13:40
23	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 13:42
24	0.484	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	0.164	-0.68	8/31/95 13:44

LB5100-W Low Background Counting System -- Smear Analysis

Date: 8/31/95
Counting Unit id: 1
Data file name: C:\LBXL\UNIT1\B01-400.XLD
Batch Ended: 8/31/95 13:57
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: 1440

Application Revision: 3
Application Version: Standard

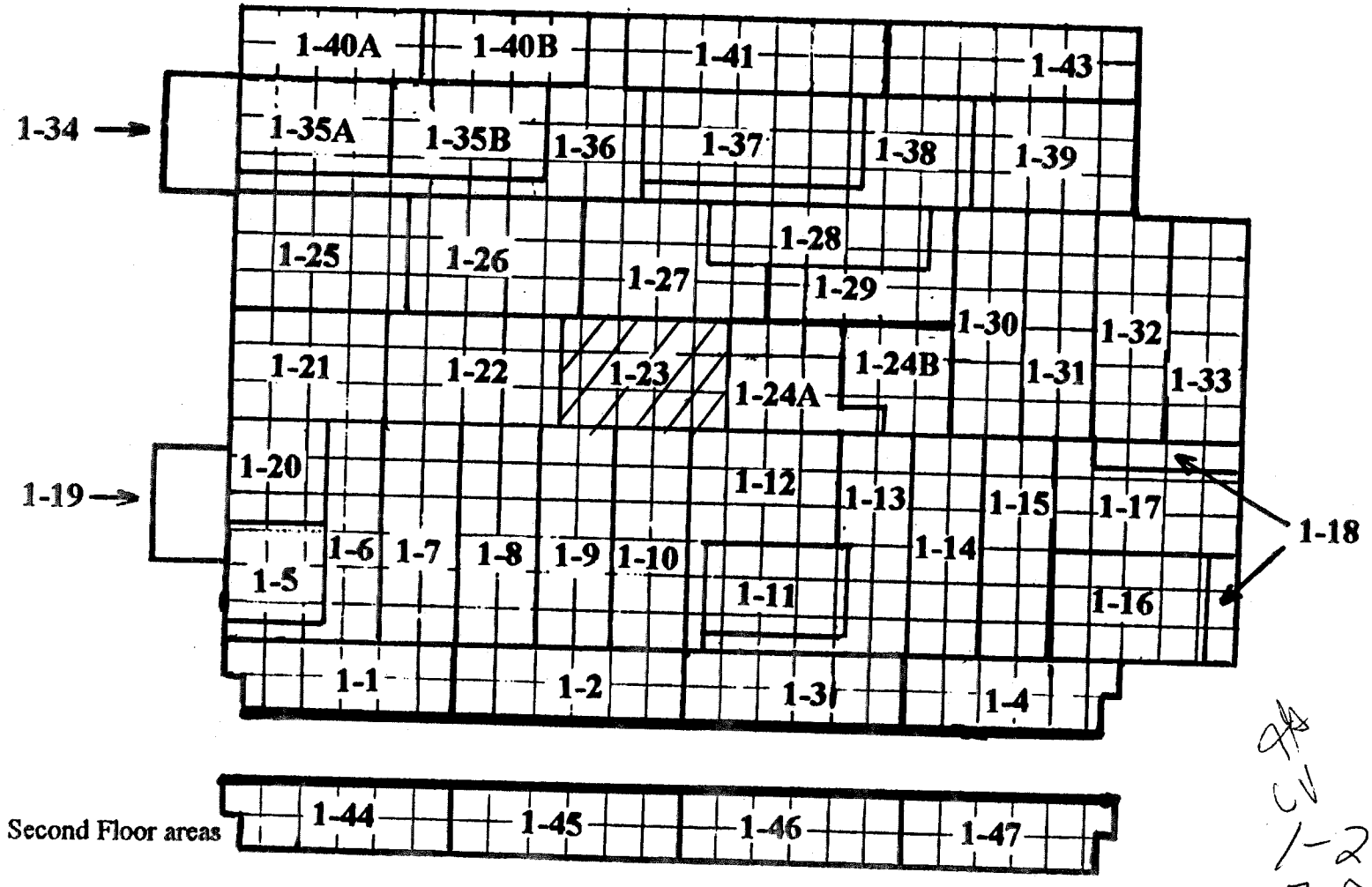
Alpha efficiency log file: th230ab
Alpha Efficiency: 33.96%
Alpha to Beta Crosstalk: 24.36%
Alpha Background (CPM): 0.335714286
Alpha Correction Factor: 1.000

Beta efficiency log file: tc99ab
Beta Efficiency: 37.60%
Beta into Alpha Crosstalk: 0.17%
Beta Background (CPM): 1.678571429
Beta Correction Factor: 1.000

Batch ID: BLAIRSVILLE 1-23-1

	Alpha Activity				Beta Activity							
Carrier	DPM	σ	flags	MDA	DPM	σ	flags	MDA	Count time (min)	Alpha CPM	Beta CPM	Completion Date - Time
25	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 13:46
26	-0.989	1.48	<MDA	7.98	0.85	2.68	<MDA	11.67	2.00	-0.336	0.32	8/31/95 13:49
27	-0.989	1.48	<MDA	7.98	-1.80	1.90	<MDA	11.67	2.00	-0.336	-0.68	8/31/95 13:51
28	-0.989	1.48	<MDA	7.98	-0.47	2.32	<MDA	11.67	2.00	-0.336	-0.18	8/31/95 13:53
29	0.484	1.48	<MDA	7.98	-3.13	1.36	<MDA	11.67	2.00	0.164	-1.18	8/31/95 13:55
30	-0.989	1.48	<MDA	7.98	7.50	4.00	<AL	11.67	2.00	-0.336	2.82	8/31/95 13:57

SURVEY UNITS FOR SECTION ONE



MAIN BUILDING
SMP
BLAIRSVILLE SITE

9#
CV
1-23-1
7-7-95
SN# 01-400