

Radiological Survey Sheet

Job Location Pfizer Central Research Gton 118B/B218 Page 1 of 18
 Survey Purpose Radiological Assessment Date 11/15/00
 Performed By Pam Jones (Print) Pam Jones (Sign)

Inst.(1) (Model/SN) Beckman LS 6500 #7069448	Inst.(2) Ludlum 2241-2 (Model/SN) # 163603	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) # 149613	Det. (Model/SN)
Eff. See LSC Printout	Eff. ~ 8%	Eff.
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. 300 cpm	Bkgd.
Cal. Due: 12/00	Cal. Due 2/13/01	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.	8:00	outside shelves	1	See attached LSC Printout
2.		top shelf	1	
3.		shelf	1	
4.		"	1	
5.		bottom shelf	1	
6.		outside shelves	1	
7.		top shelf	1	
8.		shelf	1	
9.		"	1	
10.		bottom shelf	1	
11.		outside shelves	1	
12.		top shelf	1	
13.		shelf	1	
14.		bottom shelf	1	
15.		top shelf	1	
16.		shelf	1	
17.		bottom shelf	1	
18.	✓	wall	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
19		counter	1	See attached LSC Printout
20		"	1	
21		"	1	
22		"	1	
23		"	1	
24		sink cup	1	
25		sides of sink	1	
26		bottom	1	
27		drain	1	
28		outside cabinets	1	
29		top drawer	1	
30		top shelf	1	
31		bottom shelf	1	
32		outside cab.	1	
33		top drawer	1	
34		top shelf	1	
35		bottom shelf	1	
36		outside cab.	1	
37		top drawer	1	
38		top shelf	1	
39		bottom shelf	1	
40		outside cab.	1	
41		left	1	
42		bottom	1	
43		right	1	
44		outside drawers	1	
45		top drawer	1	
46	✓	drawer	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
47		drawer	1	See attached LSC Printout
48		bottom drawer	1	
49		floor	1	
50		"	1	
51		"	1	
52		"	1	
53		"	1	
54		"	1	
55		wall	1	
56		"	1	
57		"	1	
58		"	1	
59		"	1	
60		counter	1	
61		"	1	
62		floor	1	
63		"	1	
64		lockbox	1	
65		shield apron	1	
66		"	1	
67		lead box outside	1	
68		inside	1	
69		table counter	1	
70		"	1	
71		brown chair	1	
72		wall	1	
73		"	1	
74	✓	door	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
75		green cart	1	See attached LSC Printout
76		floor	1	
77		"	1	
78		"	1	
79		"	1	
80		wall	1	
81		"	1	
82		"	1	
83		"	1	
84		"	1	
85		chair	1	
86		floor	1	
87		"	1	
88		"	1	
89		"	1	
90		"	1	
91		"	1	
92		sink counter	1	
93		"	1	
94		sides of sink	1	
95		bottom	1	
96		drain	1	
97		telephone	1	
98		blinds	1	
99		chair	1	
100		"	1	
101		floor	1	
102	✓	"	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
103		FLOOR	1	See attached LSC Printout
104		"	1	
105		"	1	
106		outside cab. drawers	1	
107		top drawer	1	
108		drawer	1	
109		"	1	
110		bottom drawer	1	
111		outside cab.	1	
112		left	1	
113		bottom	1	
114		right	1	
115		FLOOR	1	
116		"	1	
117		"	1	
118		"	1	
119		"	1	
120		"	1	
121		table counter	1	
122		"	1	
123		drawer	1	
124		"	1	
125		"	1	
126		table counter	1	
127		"	1	
128		"	1	
129		wall	1	
130	✓	"	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
131		"	1	See attached LSC Printout
132		"	1	
133		"	1	
134		"	1	
135		top shelf	1	
136		shelf	1	
137		bottom shelf	1	
138		light cardboard outside	1	
139		inside	1	
140		dark cardboard outside	1	
141		inside	1	
142		lead box outside	1	
143		inside	1	
144		lead box outside	1	
145		inside	1	
146		grey lead	1	
147		shield	1	
148		methanol bottle	1	
149		plastic bin	1	
150		lead	1	
151		tape	1	
152		plastic wrapped	1	
153		funnel	1	
154		plastic	1	
155		"	1	
156		"	1	
157		magnet	1	
158	↓	lead top	1	↓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
159		beta box outside	1	See attached LSC Printout
160		inside	1	
161		rack	1	
162		counter	1	
163		"	1	
164		left side outside hood	1	
165		rt. side " "	1	
166		left front of hood	1	
167		top	1	
168		rt. front	1	
169		ledge	1	
170		glass + handles	1	
171		left top inside hood	1	
172		center top	1	
173		center of ahead	1	
174		rt top side	1	
175		left bottom side	1	
176		rt bottom side	1	
177		front back + in behind	1	
178		lead box outside	1	
179		inside	1	
180		yellow shield	1	
181		rt counter	1	
182		rt. ledge	1	
183		cup sink	1	
184		diaper	1	
185		left counter	1	
186	✓	left ledge	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
187		left outside hood	1	See attached LSC Printout
188		top	1	
189		right	1	
190		glass & handles	1	
191		ledge	1	
192		left side inside hood top	1	
193		top back	1	
194		top middle	1	
195		top rt.	1	
196		bottom left	1	
197		bottom rt.	1	
198		bottom center	1	
199		left counter	1	
200		left ledge	1	
201		rt. counter	1	
202		rt. ledge	1	
203		cup sink	1	
204		inside, left duct	1	
205		inside, rt. duct	1	
206		outside cab	1	
207		drawer	1	
208		left	1	
209		bottom	1	
210		rt.	1	
211		outside cab	1	
212		top shelf	1	
213		bottom shelf	1	
214	✓	outside cab	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
215		top shelf	1	See attached LSC Printout
216		bottom shelf	1	
217		outside cab	1	
218		top shelf	1	
219		bottom shelf	1	
220		outside cab.	1	
221		top shelf	1	
222		bottom shelf	1	
223	1530	Post Decm spot ①	1	
224		" " " ②	1	
225		" " " ③	1	
226		Post Decm spot ④	1	
227		" " " ⑤	1	
228		" " " ⑥	1	
229			1	
230			1	
231			1	
232			1	
233			1	
234			1	
235			1	
236			1	
237			1	
238			1	
239			1	
240			1	
241			1	
242			1	

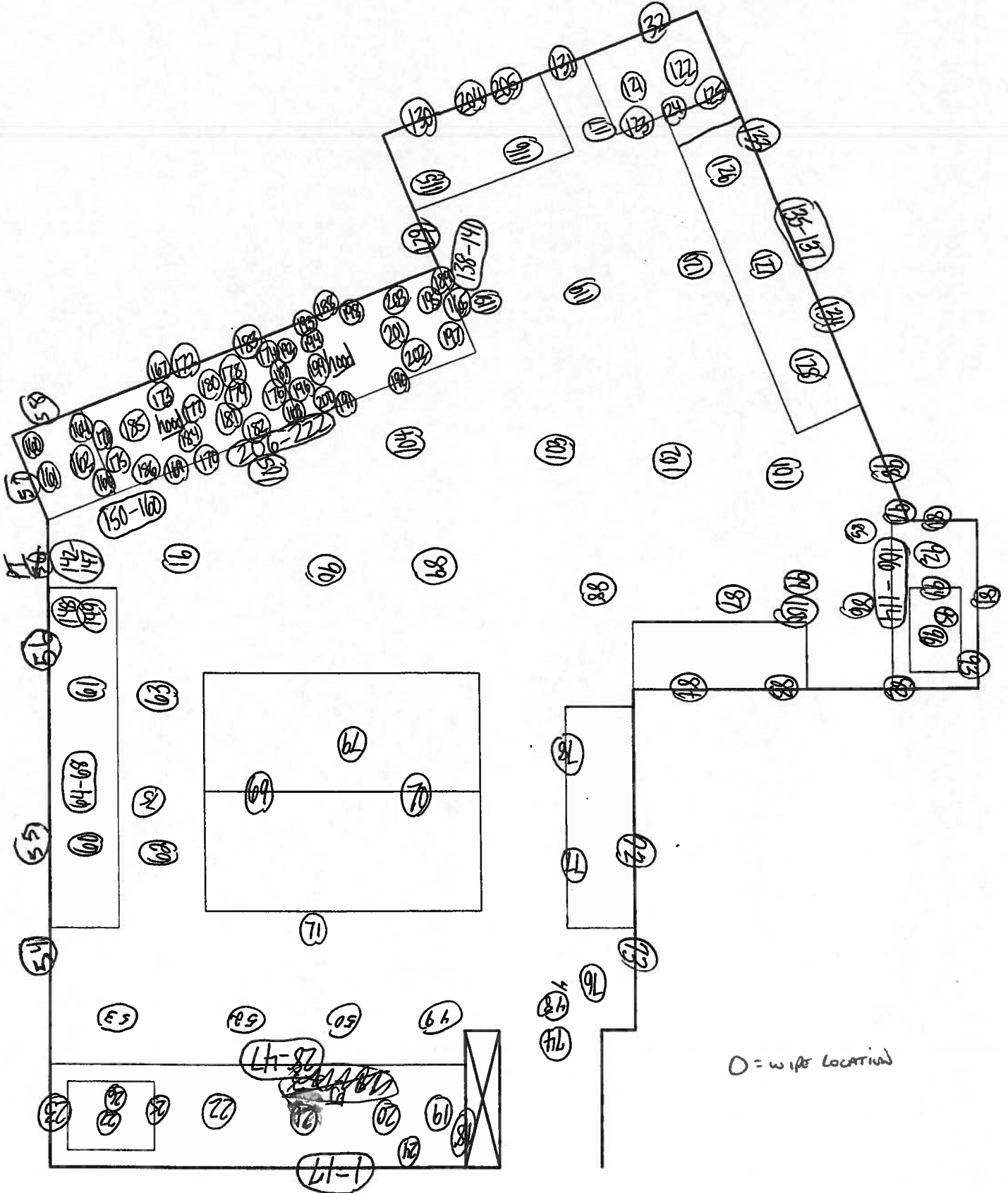
11/17/00

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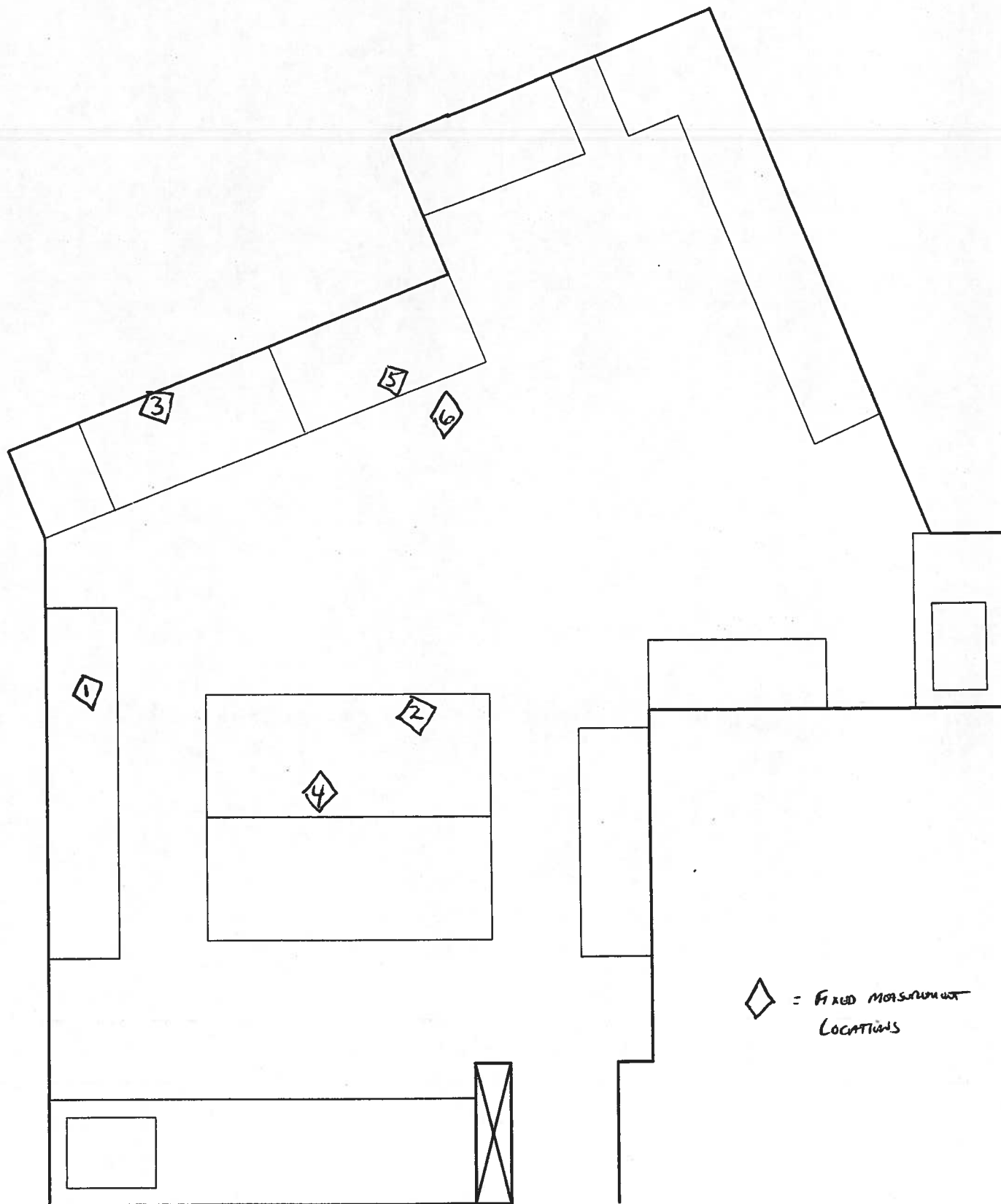
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Surveyed approximately 100% of lower surfaces using instrument #2. All surfaces surveyed were noted to be at normal background levels, with the following six (6) exceptions:

1. The top of a lead box was noted to be contaminated to a level of 856 cpm (6,950 dpm/100 cm²). This area was decontaminated to normal background levels.
2. The tabletop was noted to be contaminated to a level of 915 cpm (7,688 dpm/100 cm²). This tabletop was removed and disposed of as radioactive waste.
3. The bottom back panel of the fume hood was noted to be contaminated to a level of 922 cpm (7,775 dpm/100 cm²). This area was decontaminated to normal background levels.
4. The tabletop was noted to be contaminated to a level of 495 cpm (2,438 dpm/100 cm²). The tabletop was removed and disposed of as radioactive waste.
5. The fume hood counter was noted to be contaminated to a level of 424 cpm (1,550 dpm/100 cm²). This area was decontaminated to normal background levels.
6. The top of the biohazard carton was noted to be contaminated to a level of 737 cpm (5,463 dpm/100 cm²). This area was disposed of as radioactive waste.

ID: MONTHLY WIPES

15 NOV 2000 13:28

USER: 4 COMMENT:
 OFFSET TIME : 1.00
 DATA CALC : DL DPM H# :YES SAMPLE REPEATS: 1 PRINTER :EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 :EDIT
 TWO PHASE : NO AQC :YES CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX:YES LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H %ERROR: 2.00 FACTOR:1.0000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR:1.0000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR:1.0000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low:13.688 High:306.34

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
B1	68.8	11.00	7.00	28.00	19.01	9.15	2.077	2.09
		Blank Average DPM		for	3H :	19.01	COEF. OF VAR:	0.000
		Blank Average DPM		for	14C :	9.15	COEF. OF VAR:	0.000
1	76.5	22.00	8.00	34.00	23.42	1.19	19.710	2.15
2	73.0	15.00	9.00	31.00	7.68	2.62	2.927	2.38
3	73.2	25.00	7.00	42.00	29.51	-0.21	-141.6	1.29
4	73.4	25.00	11.00	39.00	27.55	5.13	5.365	1.63
5	72.6	16.00	5.00	28.00	11.69	-2.74	-4.276	1.68
6	75.7	18.00	15.00	40.00	11.28	10.61	1.063	1.44
7	72.7	9.00	10.00	28.00	-5.32	4.05	-1.312	1.72
8	73.4	11.00	15.00	42.00	-3.62	10.70	-0.338	0.99
9	74.5	14.00	7.00	30.00	6.78	-0.03	-264.6	1.37
10	78.2	18.00	11.00	42.00	13.69	5.28	2.595	1.65
11	73.8	17.00	10.00	39.00	11.45	3.93	2.913	0.95
12	75.5	18.00	10.00	41.00	13.80	3.92	3.516	1.61
13	74.1	26.00	8.00	46.00	31.29	1.11	28.091	1.16
14	75.5	17.00	9.00	39.00	12.20	2.60	4.686	0.99
15	81.3	19.00	14.00	41.00	14.77	9.30	1.587	1.14
16	75.2	13.00	11.00	38.00	2.73	5.34	0.511	1.27
17	79.8	15.00	12.00	37.00	6.97	6.68	1.044	0.94
18	79.2	13.00	11.00	36.00	3.14	5.37	0.586	1.15
19	88.0	13.00	7.00	26.00	6.29	0.04	148.42	4.77
20	84.6	15.00	6.00	31.00	10.79	-1.35	-7.998	2.15
21	78.3	16.00	21.00	44.00	4.29	18.70	0.229	0.65
22	78.5	16.00	11.00	34.00	9.47	5.31	1.783	1.58
23	81.7	11.00	12.00	34.00	-1.46	6.76	-0.216	1.95
24	83.1	24.00	12.00	47.00	27.04	6.55	4.129	1.38
25	72.9	19.00	9.00	34.00	15.98	2.56	6.248	0.91
26	81.3	24.00	16.00	47.00	24.55	11.90	2.063	0.64
27	75.0	12.00	9.00	31.00	1.63	2.68	0.607	1.26
28	75.3	22.00	13.00	42.00	20.64	7.87	2.624	0.88
29	75.5	15.00	11.00	35.00	6.97	5.31	1.313	1.19
30	76.6	17.00	12.00	39.00	10.82	6.62	1.634	0.85
31	79.4	24.00	10.00	40.00	27.27	3.85	7.091	0.89
32	76.9	17.00	20.00	47.00	6.78	17.33	0.391	0.65
33	76.1	16.00	11.00	36.00	9.15	5.30	1.728	1.01
34	82.0	16.00	8.00	32.00	11.52	1.31	8.796	1.14
35	79.3	18.00	14.00	40.00	12.31	9.30	1.324	1.36
36	72.8	18.00	11.00	41.00	12.89	5.24	2.457	1.19

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
	76.3	18.00	6.00	32.00	15.95	-1.42	-11.22	1.06
	79.5	17.00	9.00	34.00	12.79	2.62	4.876	1.18
39	78.2	11.00	7.00	34.00	0.83	0.04	21.922	1.08
40	76.7	28.00	8.00	42.00	36.16	1.09	33.168	0.74
41	73.3	24.00	10.00	42.00	25.95	3.81	6.803	0.53
42	80.7	22.00	10.00	42.00	23.24	3.89	5.981	1.31
43	75.0	12.00	10.00	29.00	1.12	4.02	0.279	1.48
44	79.5	19.00	6.00	33.00	18.63	-1.43	-13.03	1.69
45	74.3	20.00	9.00	40.00	18.30	2.55	7.180	1.26
46	81.9	20.00	12.00	43.00	18.10	6.61	2.739	0.88
47	76.2	12.00	12.00	35.00	0.21	6.70	0.032	1.13
48	82.6	17.00	4.00	35.00	15.92	-4.07	-3.908	1.31
49	78.6	16.00	8.00	31.00	11.03	1.30	8.511	1.61
50	82.3	19.00	15.00	37.00	14.41	10.65	1.353	1.10
51	89.3	14.00	6.00	30.00	9.26	-1.32	-7.025	1.02
52	82.2	17.00	6.00	38.00	14.80	-1.39	-10.65	1.03
53	91.5	18.00	12.00	35.00	15.37	6.71	2.291	1.01
54	78.9	22.00	10.00	41.00	22.87	3.88	5.900	0.75
55	75.8	12.00	13.00	31.00	-0.33	8.04	-0.041	0.69
56	78.8	21.00	4.00	33.00	23.82	-4.14	-5.748	0.98
57	74.8	18.00	12.00	37.00	12.67	6.59	1.922	0.71
58	76.4	19.00	12.00	42.00	15.02	6.59	2.280	0.64
59	76.2	21.00	8.00	41.00	21.26	1.20	17.661	1.07
60	84.8	12.00	13.00	30.00	0.47	8.11	0.058	2.63
61	92.2	14.00	9.00	33.00	8.03	2.74	2.930	1.40
62	101.2	14.00	14.00	34.00	6.42	9.57	0.671	7.55
	93.3	14.00	10.00	31.00	7.62	4.09	1.860	1.33
	76.9	15.00	9.00	35.00	8.17	2.64	3.089	0.87
65	76.6	20.00	11.00	39.00	17.68	5.23	3.377	0.57
66	77.3	11.00	10.00	33.00	-0.79	4.05	-0.195	0.88
67	76.0	17.00	9.00	31.00	12.27	2.61	4.709	1.00
68	77.5	19.00	8.00	39.00	17.25	1.24	13.895	0.69
69	82.3	18.00	14.00	41.00	12.76	9.33	1.368	1.05
70	79.9	20.00	14.00	41.00	16.70	9.28	1.801	0.81
71	80.5	18.00	7.00	33.00	16.14	-0.07	-229.6	1.91
72	77.0	22.00	9.00	39.00	23.01	2.53	9.102	0.69
73	76.7	13.00	14.00	43.00	1.35	9.36	0.144	0.53
74	76.2	14.00	10.00	33.00	5.45	3.99	1.364	1.03
75	76.8	16.00	16.00	41.00	6.70	11.99	0.558	0.69
76	78.7	9.00	9.00	24.00	-4.42	2.75	-1.607	2.07
77	87.0	11.00	9.00	24.00	0.62	2.76	0.225	41.48
78	86.9	14.00	12.00	34.00	5.67	6.75	0.840	2.57
79	85.0	15.00	9.00	34.00	9.25	2.68	3.445	1.08
80	76.1	24.00	9.00	36.00	27.06	2.49	10.860	0.75
81	75.0	12.00	11.00	32.00	0.61	5.36	0.114	1.00
82	78.6	16.00	12.00	32.00	8.96	6.65	1.347	1.02
83	81.5	14.00	12.00	40.00	5.02	6.71	0.748	0.76
84	81.6	21.00	8.00	41.00	22.30	1.22	18.222	0.80
85	73.1	18.00	6.00	34.00	15.44	-1.43	-10.79	0.42
86	81.6	15.00	9.00	33.00	8.78	2.67	3.294	1.78
87	88.6	14.00	12.00	34.00	5.87	6.76	0.869	4.47
	90.3	14.00	13.00	38.00	5.55	8.12	0.587	2.70
	81.0	18.00	6.00	34.00	16.75	-1.41	-11.25	0.88
90	80.9	14.00	10.00	43.00	1.81	14.75	0.077	0.69
91	80.2	12.00	8.00	30.00	4.80	-2.64	-1.820	1.47
92	80.6	13.00	10.00	34.00	13.06	3.99	3.272	3.14
93	84.0	19.00	7.00	35.00	18.96	-0.08	-250.8	1.62
94	71.4	14.00	7.00	30.00	6.41	-0.04	-170.9	1.06

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SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
95	78.1	26.00	9.00	40.00	31.75	2.47	12.873	0.91
96	77.6	17.00	6.00	33.00	14.05	-1.40	-10.02	0.94
97	72.3	14.00	7.00	24.00	6.52	-0.03	-192.4	1.14
98	78.0	17.00	10.00	34.00	12.04	3.95	3.046	0.79
99	75.7	14.00	9.00	31.00	5.90	2.65	2.225	0.95
100	74.7	27.00	3.00	42.00	36.08	-5.58	-6.463	0.90
101	87.1	18.00	14.00	47.00	13.53	9.37	1.444	1.27
102	79.8	17.00	7.00	28.00	13.88	-0.06	-248.7	1.50
103	81.2	22.00	8.00	41.00	24.39	1.21	20.228	0.72
104	78.1	15.00	9.00	33.00	8.31	2.65	3.139	0.77
105	82.9	22.00	8.00	43.00	24.76	1.21	20.426	0.92
106	77.1	16.00	13.00	39.00	8.26	7.98	1.036	0.83
107	84.1	14.00	9.00	33.00	6.92	2.70	2.567	4.13
108	80.7	21.00	9.00	41.00	21.61	2.56	8.435	1.38
109	77.4	20.00	4.00	35.00	21.40	-4.13	-5.183	0.84
110	77.2	13.00	14.00	37.00	1.40	9.37	0.150	1.14
111	76.7	13.00	11.00	35.00	2.88	5.35	0.538	1.10
112	74.7	15.00	20.00	44.00	2.33	17.33	0.135	0.67
113	91.8	17.00	14.00	37.00	12.03	9.43	1.276	2.52
114	73.1	19.00	12.00	41.00	14.51	6.56	2.210	0.66
115	83.5	13.00	9.00	29.00	4.66	2.71	1.719	1.57
116	93.3	24.00	8.00	43.00	31.78	1.21	26.208	0.99
117	89.4	14.00	6.00	27.00	9.27	-1.32	-7.041	3.21
118	91.1	16.00	5.00	26.00	14.64	-2.70	-5.429	2.50
119	80.2	18.00	12.00	34.00	13.48	6.63	2.033	0.68
120	76.3	17.00	11.00	33.00	11.29	5.28	2.138	0.62
121	78.2	22.00	8.00	38.00	23.77	1.19	19.895	1.03
122	82.5	14.00	13.00	41.00	4.62	8.06	0.573	0.81
123	76.0	15.00	12.00	35.00	6.52	6.65	0.980	0.61
124	93.2	12.00	8.00	30.00	4.12	1.43	2.883	2.00
125	76.8	13.00	13.00	37.00	1.88	8.03	0.234	0.93
126	82.6	18.00	12.00	40.00	13.86	6.65	2.086	1.57
127	79.5	14.00	10.00	36.00	5.83	4.01	1.453	0.87
128	84.7	13.00	10.00	35.00	4.27	4.06	1.052	1.11
129	80.4	14.00	13.00	36.00	4.37	8.04	0.544	0.88
130	83.1	16.00	9.00	36.00	11.16	2.66	4.200	0.79
131	82.0	14.00	9.00	33.00	6.67	2.69	2.482	0.96
132	77.0	16.00	10.00	36.00	9.78	3.96	2.467	0.99
133	79.2	16.00	8.00	30.00	11.12	1.30	8.565	1.04
134	77.6	16.00	9.00	34.00	10.38	2.63	3.946	1.10
135	78.8	18.00	7.00	33.00	15.85	-0.08	-208.3	1.12
136	82.9	21.00	11.00	41.00	20.98	5.26	3.992	1.21
137	80.6	21.00	7.00	40.00	22.64	-0.12	-188.3	0.71
138	78.9	22.00	14.00	45.00	20.80	9.23	2.253	0.60
139	72.8	16.00	10.00	41.00	9.23	3.94	2.341	0.51
140	79.9	17.00	16.00	42.00	9.21	12.01	0.767	0.79
141	74.6	13.00	9.00	30.00	3.69	2.66	1.385	0.86
142	78.1	16.00	14.00	39.00	7.87	9.33	0.844	0.89
143	75.4	23.00	17.00	46.00	20.74	13.20	1.571	0.66
144	82.1	22.00	10.00	42.00	23.54	3.89	6.047	1.04
145	91.9	24.00	9.00	44.00	30.85	2.56	12.063	1.01
146	74.6	20.00	10.00	39.00	17.84	3.89	4.591	0.61
147	83.2	15.00	3.00	24.00	12.17	-5.38	-2.262	1.86
148	76.9	15.00	14.00	41.00	5.61	9.33	0.601	0.74
149	80.6	21.00	14.00	42.00	18.98	9.26	2.049	0.83
150	90.0	20.00	11.00	38.00	20.19	5.32	3.798	1.20
151	75.3	17.00	5.00	24.00	14.19	-2.75	-5.168	1.03
152	81.6	12.00	8.00	32.00	2.81	1.38	2.039	0.86

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 LUMEX

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
154	78.4	14.00	10.00	34.00	5.70	4.01	1.424	0.96
155	76.3	28.00	17.00	56.00	31.47	13.13	2.397	0.42
156	78.3	15.00	18.00	42.00	3.71	14.70	0.252	0.65
157	78.0	19.00	11.00	35.00	15.80	5.26	3.003	0.56
158	78.9	23.00	7.00	46.00	26.56	-0.16	-167.1	0.38
159	83.5	17.00	13.00	39.00	11.29	8.01	1.409	1.24
160	77.9	22.00	13.00	45.00	21.14	7.89	2.680	0.70
161	74.9	11.00	13.00	30.00	-2.50	8.04	-0.311	0.82
162	76.7	22.00	9.00	41.00	22.95	2.53	9.082	0.48
163	108.5	22.00	9.00	40.00	30.68	2.66	11.531	1.61
164	108.5	12.00	16.00	34.00	1.22	12.40	0.099	0.67
165	77.4	16.00	11.00	32.00	9.32	5.31	1.757	0.69
166	86.7	19.00	15.00	42.00	15.14	10.69	1.416	1.67
167	83.6	15.00	6.00	32.00	10.64	-1.35	-7.872	0.71
168	76.7	21.00	7.00	44.00	21.86	-0.13	-165.0	1.06
169	81.3	13.00	8.00	33.00	4.94	1.36	3.636	1.02
170	91.8	10.00	11.00	31.00	-2.29	5.51	-0.416	2.04
171	89.0	15.00	9.00	33.00	9.83	2.70	3.634	1.22
172	111.8	13.00	12.00	34.00	6.72	6.96	0.966	2.11
173	78.8	20.00	4.00	29.00	21.67	-4.13	-5.251	0.76
174	83.6	18.00	10.00	34.00	15.08	3.97	3.801	1.68
175	120.3	10.00	14.00	32.00	-1.35	9.84	-0.137	2.08
176	87.5	19.00	9.00	38.00	18.54	2.63	7.058	1.20
177	85.1	20.00	12.00	43.00	18.69	6.63	2.819	0.97
178	106.3	24.00	11.00	48.00	33.79	5.33	6.335	1.66
179	82.1	12.00	6.00	29.00	3.91	-1.30	-2.997	1.00
180	84.8	28.00	14.00	54.00	35.19	9.18	3.834	0.50
181	85.2	18.00	10.00	37.00	15.36	3.98	3.863	1.11
182	89.4	13.00	17.00	37.00	0.98	13.52	0.072	1.52
183	86.4	11.00	11.00	28.00	-0.51	5.45	-0.094	1.74
184	98.1	21.00	15.00	48.00	21.96	10.76	2.041	1.92
185	79.5	16.00	6.00	32.00	12.20	-1.38	-8.841	0.70
186	88.1	25.00	18.00	53.00	27.18	14.64	1.857	0.95
187	79.9	27.00	16.00	47.00	30.71	11.84	2.594	0.80
188	79.2	12.00	4.00	26.00	4.62	-3.99	-1.157	0.76
189	77.0	16.00	10.00	31.00	9.78	3.96	2.468	0.97
190	78.3	22.00	9.00	43.00	23.26	2.53	9.181	0.70
191	83.4	22.00	13.00	44.00	22.22	7.93	2.803	0.60
192	86.1	16.00	12.00	38.00	10.00	6.71	1.492	0.89
193	86.6	8.00	11.00	24.00	-7.17	5.50	-1.302	2.66
194	98.4	11.00	10.00	30.00	1.25	4.18	0.298	2.13
195	89.4	18.00	8.00	35.00	17.20	1.31	13.171	1.03
196	89.8	20.00	12.00	44.00	19.60	6.66	2.942	1.00
197	81.9	15.00	13.00	38.00	6.71	8.03	0.835	0.89
198	79.6	17.00	9.00	33.00	12.80	2.62	4.880	0.89
199	96.3	20.00	14.00	44.00	19.81	9.41	2.105	1.16
200	87.5	20.00	6.00	43.00	22.40	-1.43	-15.69	1.20
201	77.0	20.00	11.00	45.00	17.74	5.24	3.387	0.49
202	87.8	24.00	10.00	45.00	29.23	3.89	7.522	1.25
203	78.9	21.00	10.00	37.00	20.74	3.89	5.329	0.67
204	100.7	10.00	12.00	32.00	-2.07	6.93	-0.300	1.74
205	91.0	22.00	11.00	43.00	24.94	5.29	4.718	2.44
206	89.1	22.00	7.00	36.00	26.71	-0.11	-237.1	1.36
207	78.6	18.00	14.00	48.00	12.20	9.30	1.312	0.58
208	96.8	20.00	10.00	36.00	22.21	4.00	5.546	2.70
209	78.4	18.00	13.00	40.00	12.69	7.96	1.595	0.73
210	85.4	21.00	13.00	40.00	20.42	7.96	2.566	0.89
211	78.0	23.00	14.00	43.00	22.78	9.21	2.473	0.61

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
71	78.6	32.00	10.00	51.00	44.16	3.71	11.910	1.87
212	89.6	26.00	14.00	46.00	32.00	9.25	3.460	1.03
213	92.4	16.00	9.00	38.00	12.63	2.70	4.672	0.85
214	75.7	18.00	12.00	41.00	12.81	6.60	1.941	0.75
215	96.2	18.00	11.00	39.00	16.82	5.39	3.120	0.92
216	105.9	18.00	24.00	58.00	10.90	23.13	0.471	1.87
217	84.6	21.00	12.00	41.00	20.79	6.61	3.146	1.79
218	84.3	18.00	6.00	35.00	17.35	-1.40	-12.38	0.99
219	89.4	18.00	16.00	45.00	12.81	12.08	1.060	1.54
220	83.2	26.00	5.00	42.00	35.16	-2.88	-12.20	0.63
221	102.1	21.00	4.00	34.00	29.43	-4.13	-7.124	3.32
222	92.7	19.00	11.00	42.00	18.45	5.35	3.449	1.41

ID: EQUIPMENT SURVY 17 NOV 2000 17:00
 USER: 3 COMMENT: EQUIPMENT SURVEY
 RESET TIME : 1.00
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER :EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 :EDIT
 TWO PHASE : NO AQC : YES CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: YES LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR: 1.0000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off
 Quench Limits Low: 13.688 High: 306.34

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %	
B1	74.6	18.00	16.00	46.00	29.63	21.09	9.04	
		Blank Average DPM for		3H :	29.63	COEF. OF VAR:		0.000
		Blank Average DPM for		14C :	21.09	COEF. OF VAR:		0.000
223	71.1	18.00	10.00	33.00	2.51	-8.04	2.26	
224	71.3	15.00	4.00	29.00	-0.67	-15.99	5.82	
225	73.1	22.00	6.00	32.00	13.12	-13.43	2.60	
226	74.9	13.00	11.00	41.00	-7.92	-6.60	2.47	
227	76.0	16.00	9.00	39.00	-0.47	-9.31	2.49	
228	76.8	20.00	10.00	38.00	7.60	-8.04	2.27	