

**SECTION 1**  
*1.2 Results Summary*  
**Science Bldg**

**ACM SURVEY RESULTS**

The following homogeneous building material types were sampled as part of this survey conducted May 16, 2003. Results are summarized in the table below:

May 16, 2003

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM	# SAMP.	QUANTITY
03	1' x 1' White large pinhole ceiling panel	S117, S121, S121a, S125, S122, S124, S126, S125p, S129, N126, N142, N150, Hallway(N150), N152, N148b, N125, N120, N119, N115, N111, N108, N104	F	Good	ND	3	N/A
04	Brown mastic behind ceiling panel	Same as above	NF	Good	ND	3	N/A
05	2' x 2' White fissure ceiling panel	S143, N153, N147, N147a, N154, N156, N148b, N148, N143, N143a, B, N137, Hallway(137), N139, N131, N131a, b, c, d, S105, S105c, S138, S142a, b, S140, S146, S152, S153a, N112, N113, N113a, b, c.	F	Good	ND	3	N/A
06	2' x 4' White fissure ceiling panel	S105, S105c, S138, S142, S142a, b, S140, S146, S152, S153a, N112, N113, N113a, b, c	F	Good	ND	3	N/A
07	Drywall (white) Joint compound*	All rooms except S102, S102a, S106, S105, S112, S100a, b, S118, S122, S120a, S130a, S143, S139, S137, S145, N128, N147, N100a, b, N119, north hallway, south hallway	F	Good	Drywall = ND JC = ND	3	N/A
08	Drywall (blue) Joint compound*	N113a, b	NF	Good	Drywall = ND JC = ND	3	N/A
09	Drywall (yellow) Joint compound*	N150, N139	F	Good	Drywall = ND JC = ND	3	N/A
10	Drywall (pink) Joint compound*	N143a, N131	F	Good	Drywall = ND JC = ND	3	N/A
11	Hard plaster (white)	S100c, S128	NF	Good	ND	3	N/A
12	Hard plaster (yellow)	N147	NF	Good	ND	3	N/A
13	12" x 12" Grey floor tile/mastic	South hallway, north hallway, South Elevator, S105, S121a, b, S125, S126, S143, S142, S142a, b, N126, S140, S146, S152, S149	NF	Good	Floor tile = ND Mastic = ND	3	N/A
14	12" x 12" White floor tile/mastic	South hallway, north hallway, S105c, S117, S117a, b, c, S121, S145, N147, N139	NF	Good	Floor tile = ND Mastic = ND	3	N/A
16	9" x 9" Gray floor tile/mastic	S125, S122, S128, S125p, S129, N142 N147a, Hallway(N150), N150, N152, N148b, N143, N143a, b, Hallway(N137), N131, N131a, b, c, d, N125, N120, N119, N115, N112, N113, N113a, b, c, , N108, N104	NF	Good	Floor tile = 3% Mastic = 5%	3	17,000 SF
17	9" x 9" Tan floor tile/mastic	S128, N101	NF	Good	Floor tile = 2% Mastic = ND	3	750 SF

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18	Gray carpet mastic	S143, S142, S142a, b, S140, S146, S152, S149, N154, N156, N148, N137	NF	Good	ND	3	N/A
19	Black cove base/mastic	South hallway, S102, S102a, S112, S100a, S118, S124, S100c, S128, S126, S139, S137, S100b, d, S149, S153, S153a, N128, N126, N124, N100a, d	NF	Good	Cove base = ND Mastic = ND	3	N/A
20	Gray cove base/mastic	South hallway, north hallway, S100d	NF	Good	Cove base = ND Mastic = ND	3	N/A
21	TSI elbow insulation	S145, S100c, S105, S102, S106, S112, S121, S121b, S117a, b, c, S118, S122, S124, S128, S138, S145, S149, S153, S153a, N142, N153, N147, N120, N119, N115, N111, N108, N104, <b>Assumed to be in pipe chases &amp; above ceiling material</b>	F	Good	10%	3	90 Elbows
22	Pipe insulation	Same as above	F	Good	3%	4	3,000 LF
24	2' x 4' White fissure ceiling panel	S215a, b, c, d, e, f, g, h, l, S217, S217a, b, S223a	F	Good	ND	3	N/A
25	12" x 12" Pink floor tile/mastic	Same as above except for S223a	NF	Good	Floor tile = ND Mastic = ND	3	N/A
26	Drywall (pink) Joint compound*	All rooms except S204, S205, S213, S210, S200a, S224, S229, S229b, c, S234, S232, S230, S228, S200b, north hallway, south hallway, N200a, N207a, b, c, d, N206c, N217, N220, N229a, N200b, c, N243, N246p, N252	F	Good	Drywall = ND JC = ND	3	N/A
27	Black cove base/mastic	All rooms except south hallway, S210, S224, S200a, S234, S226, S230, S228, S247, S247a, b, S200a, S236c, d, S246a, b, c, d, f, g, h, j, k, N224, N226, N228, N246a, N200b, c,	NF	Good	Cove base = ND Mastic = ND	3	N/A
28	1' x 1' White fissure ceiling tile	South hallway, north hallway, S218, S222, S237a, b, c, d, e, f, g, h	F	Good	ND	3	N/A
29	Mastic behind 1' x 1' ceiling tile	Same as above (MTL #28)	NF	Good	ND	3	N/A
30	White hard plaster	S210, S229, S229b, c, S246k, N243,	NF	Good	ND	3	N/A
31	9" x 9" Gray floor tile/mastic	S205, S213, S218, S223, S223a, S229, S229b, c, S233, S235, S232, S250, S251, N202, N202a, N203a, b, N207, N207a, b, c, d, N206, N206a, b, c, N212p, N216, N217, N215p, N220, N221, N225, N229, N229a, b, N231, N236p, N232, N236, N237, N236a, N243, N247, N246, N251, N247a, N250, N246p, N252, N253	NF	Good	Floor tile = 2% Mastic = 4%	7	17,000 SF
32	12" x 12" Gray floor tile/ mastic	South hallway, north hallway, S222, S230, S253, N226	NF	Good	Floor tile = ND Mastic = ND	3	N/A
33	1' x 1' White pinhole ceiling tile	All rooms except south hallway, north hallway, S215, S215a thru l, S217, S217a, b, S200a, S218, S222, S233a, S228, S237a, b, c, d, e, f, g, h, S247a, b, c, d, S236, S236c, d, N200a, N207a, b, c, d, N206a, b, c, N228, N236a, N246a, N200b, c,	NF	Good	ND	6	N/A

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM	# SAMP.	QUANTITY
34	Brown mastic behind ceiling tile	Same as above	NF	Good	ND	3	N/A
35	12" x 12" Tan floor tile/ mastic	S236, S236a, b, S236e, S246e	NF	Good	Floor tile = ND Mastic = 3%	3	N/A
36	Black rolled sheet flooring	236c, d	F	Good	ND	3	N/A
37	2' x 2' White pinhole ceiling panel	S246a thru j	F	Good	ND	3	N/A
38	Gray rolled sheet flooring	S246a thru j	F	Good	Flooring = ND Mastic = ND	3	N/A
39	Black hard plaster	S247d, N207a, b, c, d, N206c	NF	Good	ND	3	N/A
40	White rolled sheet flooring	S252	F	Good	7%	3	N/A
41	Gray cove base/ mastic	South hallway, north hallway, S230	NF	Good	Cove base = ND Mastic = ND	3	N/A
42	12" x 12" White floor tile/ mastic	South hallway, north hallway, N202b, N212, N231, N231a, b, N236p, N233, N236a, S242	NF	Good	Floor tile = ND Mastic = ND	3	N/A
43	9" x 9" White floor tile/ mastic	N203, N206c	NF	Good	Floor tile = ND Yel. Mastic = ND Bl.Mastic = 3%	3	300 SF
44	Blue hard plaster	N217	NF	Good	ND	3	N/A
45	Pink hard plaster	N229a	NF	Good	ND	3	N/A
46	Green hard plaster	N243, N250	NF	Good	ND	3	N/A
47	Yellow hard plaster	N246p	NF	Good	ND	3	N/A
48	TSI Elbow insulation	South hallway, S204, S205, S213, S218, S223a, S247, S252, S253, S246a thru j, N207, N206, N215, N212, N220, N233, N237, N236, N236a, N243, N247, N246, N252, N253, <b>Assumed to be in pipe chases &amp; above ceiling material</b>	F	Good	6%	3	100 Ea.
49	Pipe insulation	Same as above (MTL #48)	F	Good	15%	3	3,000 LF
51	9" x 9" Gray floor tile/ mastic	All rooms except north and south hallways, N353, N353a, N300a, b, N337, N328, N324, N326, N336, S300a, b, S341, S337a, S327, S326, S328, S322, S318, S307a1, S307a2, S307a3, S307a4, S307a5, S307a6, S302, S324, S307a	NF	Good	Floor tile =2% Mastic = 5%	3	16,500 SF
52	Black cove base/ mastic	All rooms except north and south hallways, N300a, b, N328, N324, N336, N352, N337, N337p, S300a, b, S307a, S307a1, S307a2, S307a3, S307a4	NF	Good	Cove base =ND Mastic = ND	4	N/A
53	12" x 12" White floor tile/mastic	North and south hallways, N352, N337, N337p	NF	Good	Floor tile =ND Mastic = ND	3	30,000 SF
54	12" x 12" Gray floor tile/mastic	North and south hallways, N353, N353a	NF	Good	Floor tile=3% Mastic = ND	3	3,500 SF
55	2' x 4' White fissured ceiling panel	N337, S307a	F	Good	ND	3	N/A
56	1' x 1' White pinhole ceiling panel	All rooms except north and south hallways, N353, N353a, N300a, b, N328, N336a, S300a, b, S341, S335a, S327, S328, S307a, S307A1, S307A2, S307A3, S307A4, S307A5, S307A6,	F	Good	ND	3	N/A
57	Brown mastic behind ceiling panel	Same as above (MTL #56)	NF	Good	ND	3	N/A

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM	# SAMP.	QUANTITY
58	White hard plaster	N337, N335a, d, e, N329, N313p, S341, S337a, S318, S307, S307A1, A2, A3, A4, A5, A6, S303, s303a, b, c	NF	Good	ND	3	N/A
59	Blue hard plaster	N339, S333	NF	Good	ND	3	N/A
60	Green hard plaster	N321, N313, N303a	NF	Good	ND	3	N/A
61	Yellow hard plaster	N302	NF	Good	ND	3	N/A
62	Pink hard plaster	N339a	NF	Good	ND	3	N/A
63	TSI elbow insulation	North and south hallways, N352, N353, N350, N346, N347, N341, N336, N339, N336a, b, N339, N335a, N329b, N325, N321, N320, N319, N312, N313, N313p, N311, N307, N306, N310, S352, S353, S347, S342, S341, S337, S337a, S337p, S329, S334, S326, S324, S321p, S322, S318, S321, S307, S307a, S307A2, S307A6, S303a, c, S302, S306, S312, <b>Assumed to be in pipe chases &amp; above ceiling material</b>	F	Good	7%	3	200 Elbows
64	Pipe insulation	Same as above (MTL #63)	F	Good	12%	3	2,000 LF
65	2' x 2' White fissure ceiling panel	S429, S429b, c, d, N414a	F	Good	ND	3	N/A
66	1' x 1' White pinhole ceiling panel	All rooms except S403, S414, S418, S422, S428, S429, S429b, c, d, S400b, N400a, N414a, N428, N411	F	Good	ND	3	N/A
67	Brown mastic behind ceiling panel	Same as above (MTL #66)	NF	Good	ND	3	N/A
68	Drywall (white) Joint compound*	S404, S429b, c, d	F	Good	Drywall = ND JC = ND	3	N/A
69	9" x 9" Gray floor tile/ mastic	S407, S432, S429, S429b, c, d, S450, S451, S452, N402, N402a,b, N406, N403, N403a, b, N407, N412, N415, N414, N414a, N418, N418a, b, N421, N415A, N421p, N420, N425, N429, N429a, N431, N431a, N432, N450, N451, N411, N418b	NF	Good	Floor tile = 2% Mastic = 5%	3	18,000 SF
70	Pink hard plaster	S402, S415, S441, N436b, N446, N446p, N450, N447	NF	Good	ND	3	N/A
71	Yellow hard plaster	S411	NF	Good	ND	3	N/A
72	Black cove base/ mastic	All rooms except S403, S405, S406, S410, S414, S418, S424, S428, S442, S400b, S442, S446, N400a, N421a, N424, N426, N428, N453	NF	Good	Cove base = ND Mastic = ND	4	N/A
73	White hard plaster	All rooms except north and south hallways, S403, S405, S406, S410, S414, S415, S418, S429b, c, d, S424, S428, S442, S400b, S442, S446, S447, N400a, N415, N421, N420, N424, N425, N426, N429, N429a, N436b, N446, N446p, N447, N437, N450, N453	NF	Good	ND	3	N/A
74	12" x 12" Gray floor tile/ mastic	North and south hallways, S422, S426, N431, N426	NF	Good	Floor tile = ND Mastic = ND	3	N/A
75	Blue hard plaster	S422, S437, S429a, N425, N411	NF	Good	ND	3	N/A
76	Green hard plaster	N429	NF	Good	ND	3	N/A
77	9" x 9" White floor tile/ mastic	N406	NF	Good	Floor tile = ND Mastic = ND	3	N/A

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM	# SAMP.	QUANTITY
78	Pipe insulation	S404, S405, S411p, S410, S414, S421, S421p, S429, S429b, c, d, S427, S442, S436a, S446, N411, N407, N412, N415, N414, N421, N415a, N436a, b, N446, N453, N447, N437, <b>Assumed to be in pipe chases &amp; above ceiling material</b>	F	Good	10%	5	1,500 LF
79	TSI elbow insulation	Same as above (MTL #78)	F	Good	12%	3	100 Ea.
80	Vibration joint cloth	S106, S105c, S117a, b, c	NF	Good	ND	3	N/A
81	Vibration joint cloth	North hallway of 2 <sup>nd</sup> floor	NF	Good	ND	3	N/A
82	Vibration joint cloth	North hallway of 3 <sup>rd</sup> floor	NF	Good	ND	3	N/A
83	Vibration joint cloth	S405, S446, N436b, N446, N452, N441	NF	Good	ND	3	N/A
84	Vibration joint cloth	S503, S504, S501, S500, N501, N503, N504	NF	Good	ND	3	N/A
85	Fire stop – Black	S100d, throughout	NF	Good	4%	3	10 SF
86	Fire stop - White	S503, S504, S501, S500, N503, N504, throughout	NF	Good	ND	3	N/A
87	Sink undercoating	S106, S121, S117b, c, S252, S421p, N202b, N231a, N236p, N336a	NF	Good	4%	3	40 Ea.

November 10, 2004

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM	# SAMP.	QUANTITY
01	2' X 2' Blue floor tile/ mastic	Central Elevator	NF	Good	FT= M=ND	3	80 SF

### Assumed Materials

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM	# SAMP.	QUANTITY
	Fire doors	All rooms except 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> floor hallways, S5106, S121, S223, S229b, C, S237a thru e, S247a thru g, S247, S246p, S247p, N100a, N202a, b, N203a,b, N207a thru d, N212p, N217, N215p, N221, N225, N229a, b, N231a, b, N236p, N232, N226, N228, N233, N236a, N246a, N200b, c, N352a, N353a, N351, N351a, N246p, N341a, N300b, N337, N335a thru e, N329a, b, N318p, N313p, N303a, b, N302a,b, N336a, b, N411, S351, S347p, S337a, S307A1 thru A6, S307a, S303a thru c, S405, S406, S424, S429b, d, S437p, S436, S434, S432, S442, S436a, S441, S446p, S447p, N402a, b, N403a, b, N414a, N418a, N421a, N415a, N421p, N429a, N431a, N432, N436a, b, N446, N446p, N453, N447p, S503, S504, S500, S501, N514, N100c, S515, S236d, e, S246a, b, c, d, g, h, j, k	NF	Good	Assumed	N/A	271
	Ceramic tile grout	N124, S124, S126, S224, S226, N224, N324, N326, S326, S324, S424, N424, N426	NF	Good	Assumed	N/A	4,000 SF
	Vapor barriers	Same as above	NF	Good	Assumed	N/A	4,000 SF
	1' x 1' White fissure	1 <sup>st</sup> flr hallway	F	Good	Assumed	N/A	18,000 SF

	ceiling panel						
	Brown mastic behind ceiling panel	1 <sup>st</sup> flr hallway	NF	Good	Assumed	N/A	18,000 SF
	12" x 12" Yellow floor tile/mastic	1 <sup>st</sup> flr hallway	NF	Good	Assumed	N/A	3,000 SF
	12" x 12" Blue floor tile/mastic	2 <sup>nd</sup> flr hallway	NF	Good	Assumed	N/A	4,000 SF
	12" x 12" Green floor tile/mastic	3 <sup>rd</sup> flr hallway	NF	Good	Assumed	N/A	3,000 SF
	Black Lab Countertops	Rooms throughout	NF	Good	Assumed	N/A	
	Fume hood countertops	Rooms throughout	NF	Good	Assumed	N/A	

\* Reviewed Jan. 2009- acm floor tiles removed NS 111 and N 153

<sup>1</sup> F = Friable; NF = Non-friable Friability is further defined in section 4

<sup>2</sup> Cond. = Condition Of Materials Either good, fair or poor

\* Bay Area Air Quality Management District – identifies this material as friable for renovation and disposal purposes.