

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM (EPA/600/R-93/116, 1993)



1152
Jeff Rowland
Rowland Consulting, Inc.
7301 South Paddington Road
West Jordan, UT 84084

PROJECT:
**BUILDING 101
PALO ALTO VA
3801 MIRANDA AVENUE
PALO ALTO, CA**

Micro Log In **143461**
Total Samples 21
Date Sampled 08/15/2010
Date Received 08/23/2010
Date Analyzed 08/23/2010

SAMPLE IDENTIFICATION		ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #:	101-C1212-001	FLOOR TILE: NONE DETECTED (NO MASTIC IN THE SAMPLE)	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Micro #: 143461-01	Analyst: DA M001 12 INCH FLOOR TILE (WHITE TAN BLUE GREEN WITH BLACK SPECKS) ROOM C1-212 NORTHEAST COLUMN		
Client #:	101-C1C02-002	FLOOR TILE: NONE DETECTED (NO MASTIC IN THE SAMPLE)	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Micro #: 143461-02	Analyst: DA M001 12 INCH FLOOR TILE (WHITE TAN BLUE GREEN WITH BLACK SPECKS) CORRIDOR C1 - C02 BY RECEIVING DOOR		
Client #:	101-CIEC2-003	FLOOR TILE: NONE DETECTED (NO MASTIC IN THE SAMPLE)	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Micro #: 143461-03	Analyst: DA M001 12 INCH FLOOR TILE (WHITE TAN BLUE GREEN WITH BLACK SPECKS) HALLWAY NEXT TO C1 - EC2		
Client #:	101-B2100-004	FLOOR TILE: NONE DETECTED MASTIC (YELLOW): NONE DETECTED	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE, ADHESIVE.
Micro #: 143461-04	Analyst: DA M001 12 INCH FLOOR TILE (WHITE TAN BLUE GREEN WITH BLACK SPECKS) ROOM B2-100 BEHIND DOOR		
Client #:	101-ELEV-005	FLOOR TILE: NONE DETECTED MASTIC (YELLOW): NONE DETECTED	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE, ADHESIVE.
Micro #: 143461-05	Analyst: DA GR M001 12 INCH FLOOR TILE (WHITE TAN BLUE GREEN WITH BLACK SPECKS) EAST ELEVATOR		

Technical Supervisor:  8/24/2010
for: Gamlini Ranatunga, Ph.D. Date Reported

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
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OTHER MATERIALS**

Client #: 101-CIEC2-006 Micro #: 143461-06 Analyst: DA M002 - WALLBOARD WITH JOINT COMPOUND ROOM C1 - EC2 BEHIND DOOR	WALLBOARD: NONE DETECTED JOINT COMPOUND: NONE DETECTED PAINT: NONE DETECTED	20 % CELLULOSE 2 % FIBROUS GLASS Matrix: 'GYPSUM' (CALCIUM SULFATE), Type: CARBONATE.
Client #: 101-C1MM1-007 Micro #: 143461-07 Analyst: DA M002 - WALLBOARD WITH JOINT COMPOUND HALLWAY C1 - MM1 - ON SOUTH WALL UNDER AIR INTAKE DUCT	WALLBOARD: NONE DETECTED JOINT COMPOUND: NONE DETECTED PAINT: NONE DETECTED	20 % CELLULOSE 2 % FIBROUS GLASS Matrix: 'GYPSUM' (CALCIUM SULFATE), Type: CARBONATE.
Client #: 101-A2EC1-008 Micro #: 143461-08 Analyst: DA M002 - WALLBOARD WITH JOINT COMPOUND ROOM A2EC1 - NEXT TO DOOR	WALLBOARD: NONE DETECTED JOINT COMPOUND: NONE DETECTED PAINT: NONE DETECTED	20 % CELLULOSE 2 % FIBROUS GLASS Matrix: 'GYPSUM' (CALCIUM SULFATE), Type: CARBONATE.
Client #: 101-B2C02-009 Micro #: 143461-09 Analyst: DA M002 - WALLBOARD WITH JOINT COMPOUND HALLWAY BY LIBRARY	WALLBOARD: NONE DETECTED JOINT COMPOUND: NONE DETECTED PAINT: NONE DETECTED	20 % CELLULOSE 2 % FIBROUS GLASS Matrix: 'GYPSUM' (CALCIUM SULFATE), Type: CARBONATE.
Client #: 101-A3EC1-010 Micro #: 143461-10 Analyst: DA GR M002 - WALLBOARD WITH JOINT COMPOUND ROOM A3EC1 - RIGHT OF ELECTRICAL PANEL	WALLBOARD: NONE DETECTED JOINT COMPOUND: NONE DETECTED PAINT: NONE DETECTED TAPE: NONE DETECTED	20 % CELLULOSE 2 % FIBROUS GLASS Matrix: 'GYPSUM' (CALCIUM SULFATE), Type: CARBONATE.

Technical Supervisor:  8/24/2010

 Gamini Ranatunga, Ph.D. Date Reported

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Client #: 101-C1212-011 Micro #: 143461-11 Analyst: DA M003 - VINYL COVE BASE MASTIC CONFERENCE AND DINING ROOM - EAST WALL	MASTIC: NONE DETECTED	20 % CELLULOSE Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Client #: 101-C1202-012 Micro #: 143461-12 Analyst: DA M003 - VINYL COVE BASE MASTIC HALLWAY IN FRONT OF ROOM 212	MASTIC: NONE DETECTED COMPOUND: NONE DETECTED	20 % CELLULOSE Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Client #: 101-A226-013 Micro #: 143461-13 Analyst: DA M003 - VINYL COVE BASE MASTIC ROOM A2-226 - NORTH WALL	MASTIC: NONE DETECTED WALL COVERING / ADHESIVE: NONE DETECTED	10 % CELLULOSE 30 % SYNTHETIC FIBERS Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Client #: 101-B2-C02-014 Micro #: 143461-14 Analyst: DA M003 - VINYL COVE BASE MASTIC HALLWAY NEXT TO LIBRARY	MASTIC: NONE DETECTED WALL COVERING / ADHESIVE: NONE DETECTED	10 % CELLULOSE 30 % SYNTHETIC FIBERS Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.
Client #: 101-A3EC1-015 Micro #: 143461-15 Analyst: DA M003 - VINYL COVE BASE MASTIC ROOM A3-EC1 - ELECTRICAL ROOM - SOUTH WALL	MASTIC: NONE DETECTED WALL COVERING / ADHESIVE: NONE DETECTED	10 % CELLULOSE 30 % SYNTHETIC FIBERS Matrix: SYNTHETIC MATERIAL, Type: CARBONATE.

Technical Supervisor:  8/24/2010

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Client #: 101-A2ECI-016 Micro #: 143461-16 Analyst: DA M004 - FIRE STOP ROOM A2-EC1 FLOOR CONDUIT	FIRE STOP: NONE DETECTED COMPOUND: NONE DETECTED	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE,
Client #: 101-C1MM1-017 Micro #: 143461-17 Analyst: DA M004 - FIRE STOP ROOM C1-MM1 - WALL CONDUIT	FIRE STOP: NONE DETECTED COMPOUND: NONE DETECTED	Matrix: SYNTHETIC MATERIAL, Type: CARBONATE,
Client #: 101-A2ECI-018 Micro #: 143461-18 Analyst: DA M004 - FIRE STOP ROOM A2-EC1 FLOOR CONDUIT	FIRE STOP: NONE DETECTED COMPOUND: NONE DETECTED	4 % FIBROUS GLASS Matrix: SYNTHETIC MATERIAL, Type: CARBONATE,
Client #: 101-B2C02-019 Micro #: 143461-19 Analyst: DA M006 - 2 X 4 CEILING TILE (WORMHOLE PATTERN) HALLWAY B2 - C02 BY LIBRARY	CEILING TILE: NONE DETECTED COATING (WHITE): NONE DETECTED	40 % CELLULOSE 15 % FIBROUS GLASS Matrix: GLASS FRAGMENTS, BINDER, Type:
Client #: 101-A3101-020 Micro #: 143461-20 Analyst: DA M005 - 2 X 4 CEILING TILE (WORMHOLE PATTERN) HALLWAY ABOVE ROOM A3-101	CEILING TILE: NONE DETECTED COATING (WHITE): NONE DETECTED	40 % CELLULOSE 15 % FIBROUS GLASS Matrix: GLASS FRAGMENTS, BINDER, Type:

Technical Supervisor:


 for Gamini Ranatunga, Ph.D.

8/24/2010

Date Reported

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OTHER MATERIALS**

Client #:	101-C3C14-021		
Micro #: 143461-21	Analyst: DA	CEILING TILE: NONE DETECTED COATING (WHITE): NONE DETECTED	40 % CELLULOSE 15 % FIBROUS GLASS Matrix GLASS FRAGMENTS, BINDER. Type:
M005 - 2 X 4 CEILING TILE (WORMHOLE PATTERN) CORRIDOR C3 - C14			

Technical Supervisor:

Gamini Ranatunga
 Gamini Ranatunga, Ph.D.

8/24/2010

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ROWLAND CONSULTING, INC.
ASBESTOS LEAD PAINT ENVIRONMENTAL

BULK ANALYTICAL REQUEST AND CHAIN OF CUSTODY

143461

TAT: 5 Days

PAGE: 1 of 1

Sample Location: BUILDING 101 PALO ALTO VA

3801 Miranda Avenue

Palo Alto, CA 94304

Date Surveyed: August 14, 15, 2010

Report and Invoice to be sent to:
ROWLAND CONSULTING, INC.

DO NOT FAX REPORTS-EMAIL ONLY blair53@comcast.net DO NOT FAX REPORTS-EMAIL ONLY

STOP-GO GROUPED SAMPLES

SAMPLE ID#	SAMPLE DESCRIPTION/ LOCATION	DATE	LAB#
	<u>M001 12 inch floor tile (white-tan-blue-green w/black specks)</u>		
1 101-C1212-001	Rm C1-212, north east column		
2 101-C1C02-002	Corridor C1-C02, by receiving door		
3 101-C1EC2-003	Hallway, next to C1-EC2		
4 101-B2100-004	Rm B2-100, behind door		
5 101-ELEV-005	East elevator		
	<u>M002 Wallboard w/joint compound</u>		
6 101-C1EC2-006	Rm C1-EC2, behind door		
7 101-C1MM1-007	Hallway C1-MM1, on south wall under air intake duct		
8 101-A2EC1-008	Rm A2EC1, next to door		
9 101-B2C02-009	Hallway by Library		
10 101-A3EC1-010	Rm A3EC1, right of electrical panel		
	<u>M003 Vinyl cove base mastic</u>		
11 101-C1212-011	Conference & dining rm, east wall		
12 101-C1202-012	Hallway in front of rm 212		
13 101-A226-013	Rm A2-226, north wall		
14 101-B2-C02-014	Hallway next to Library		
15 101-A3EC1-015	Rm A3-EC1, electrical rm, south wall		
	<u>M004 Firestop</u>		
16 101-A2EC1-016	Rm A2-EC1, floor conduit		
17 101-C1MM1-017	Rm C1-MM1, wall conduit		
18 101-A2EC1-018	Rm A2-EC1, floor conduit		
	<u>M005 2X4 ceiling tile (wormhole pattern)</u>		
19 101-B2C02-019	Hallway B2-C02, by Library		
20 101-A3101-020	Hallway above rm A3-101		
21 101-C3C14-021	Corridor C3-C14		

CHAIN OF CUSTODY

Submitted by: Jeff Rowland

Date/Time:

Revd by lab: (micro) Kuo Sauer

Date/Time: 8/23/2010 gaw

Revd by Analyst:

Date/Time:

Returned by lab:

Date/Time: