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CNC CHARLESTON
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ASBESTOS-CONTAINING MATERIAL SURVEY LABORATORY ANALYSIS REPORTS
CHARLESTON NAVAL HOSPITAL BUILDING NH1 VOLUME 2 CNC CHARLESTON SC
8/1/1998
CAPE ENVIRONMENTAL MANAGEMENT, INC.

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

Volume II

Asbestos-Containing Material Survey
Laboratory Analysis Reports
Charleston Naval Hospital, Building NH1
Charleston, South Carolina

Contract No. N62467-94-D-1127
Delivery Order No. 0056

prepared for:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
P.O. Box 190010
2155 Eagle Drive
North Charleston, SC 29419-9010

prepared by:

Cape Environmental Management Inc
2302 Parklake Drive, NE
Suite 200
Atlanta, GA 30345-2907

Contact Person:
Hugo Rios, 770/908-7200
Scott Bryant, 770/908-7200

C A P E
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Volume II

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August 1998

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Volume II

Laboratory Analysis Results

**Suspect Asbestos Containing Material
Bulk Sample
Laboratory Analysis Reports**

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-1-01 LAB ID: 807781
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR WITH GLUE		

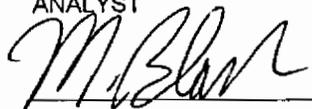
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

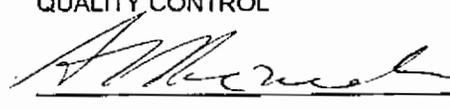
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-1-02 LAB ID: 807762
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: BLACK HARD RESILIENT TO GRANULAR WITH GLUE	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	74

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-1-03 LAB ID: 807783
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED:	NO		
APPEARANCE:	BLACK HARD RESILIENT TO GRANULAR WITH GLUE		

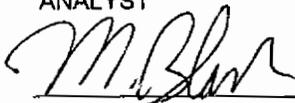
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	63

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-2-01 LAB ID: 807784-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR		

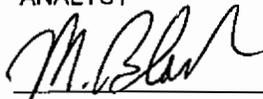
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

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**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-2-01 LAB ID: 807784-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 2
APPEARANCE: BLACK MASTIC		

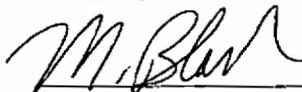
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	<1	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	90
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

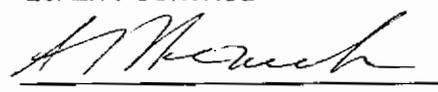
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

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POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-2-02 LAB ID: 807785-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

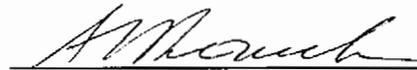
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

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**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-2-02 LAB ID: 807785-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 2
APPEARANCE: BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	3	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	90
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

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POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-2-03 LAB ID: 807786
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR		

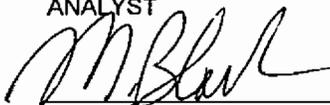
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

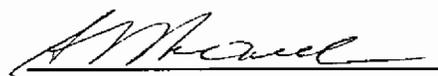
COMMENTS: LAYER 2 NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


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 ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-01 LAB ID: 807787
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	2	CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	66

COMMENTS: 3% CHRYSTOLE IN BLACK MASTIC

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-3-02 LAB ID: 807788
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-03 LAB ID: 807789
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-04 LAB ID: 807790
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFIBRILE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

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LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98

SAMPLE FIELD ID: CNH-3-05 LAB ID: 807791
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-06 LAB ID: 807792
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

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ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-3-07 LAB ID: 807793
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98

SAMPLE FIELD ID: CNH-3-08 LAB ID: 807794
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-3-09 LAB ID: 807795
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-3-10 LAB ID: 807796
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-11 LAB ID: 807797
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
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NVLAP ACCREDITED
LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-12 LAB ID: 807798
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

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ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

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NVLAP ACCREDITED
LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-3-13 LAB ID: 807799
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-4-01 LAB ID: 807800
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: GRAY HARD RESILIENT TO GRANULAR WITH GLUE	

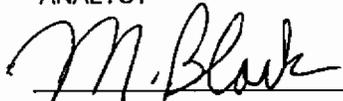
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

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NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-4-02 LAB ID: 807801
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD RESILIENT TO GRANULAR WITH GLUE		

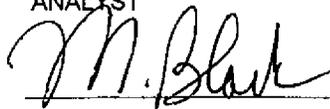
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-4-03 LAB ID: 807802
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD RESILIENT TO GRANULAR WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC	1	ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-5-01 LAB ID: 807803
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT TAN HARD RESILIENT TO GRANULAR WITH BLACK MASTIC		

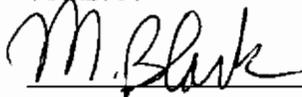
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	73

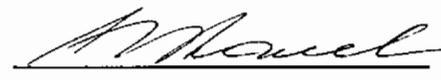
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: BB141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-5-02 LAB ID: 807804
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT TAN HARD RESILIENT TO GRANULAR WITH BLACK MASTIC AND GLUE		

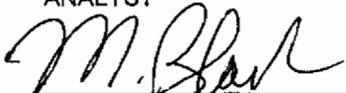
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	2
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	61

COMMENTS:

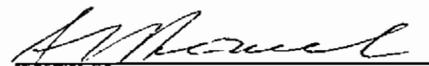
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-5-03 LAB ID: 807805
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT TAN HARD RESILIENT TO GRANULAR WITH BLACK MASTIC AND GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	3
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-6-01 LAB ID: 807806
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT BROWN HARD RESILIENT TO GRANULAR WITH GLUE		

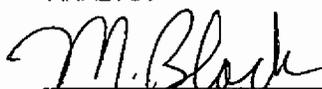
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

C A P E
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2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-6-02 LAB ID: 807807
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: LT BROWN HARD RESILIENT TO GRANULAR WITH GLUE	

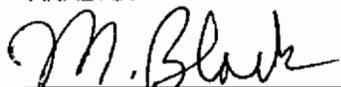
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

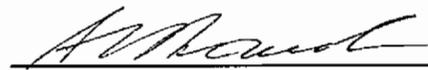
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-6-03 LAB ID: 807808
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT BROWN HARD RESILIENT TO GRANULAR WITH GLUE		

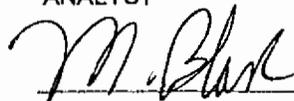
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-7-01 LAB ID: 807809
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR		

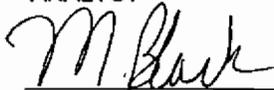
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	65

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-7-02 LAB ID: 807810
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR WITH BLACK MASTIC		

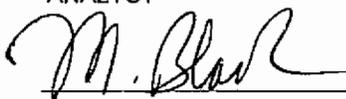
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	2
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	62

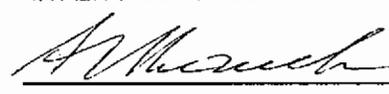
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-7-03 LAB ID: 807811
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR WITH BLACK MASTIC		

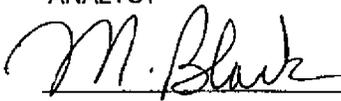
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-8-01 LAB ID: 807812
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR WITH BLACK MASTIC AND CARPET GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	3	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE	2	SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	63

COMMENTS: 4% CHRYSTOLE IN BLACK MASTIC, NO ASBESTOS DETECTED IN GLUE

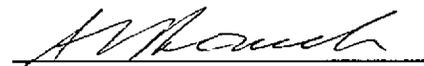
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-8-02 LAB ID: 807813
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-03 LAB ID: 807814
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-04 LAB ID: 807815
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-05 LAB ID: 807816
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

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 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98

SAMPLE FIELD ID: CNH-8-06 LAB ID: 807817
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-07 LAB ID: 807818
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-08 LAB ID: 807819
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-09 LAB ID: 807820
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-10 LAB ID: 807821
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOPILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-8-11 LAB ID: 807822
SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-8-12 LAB ID: 807823
 SAMPLE INFO: _____ DATE ANALYZED: 6/8/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/8/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-9-01 LAB ID: 802824
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD RESILIENT TO GRANULAR WITH BLACK MASTIC AND GLUE		

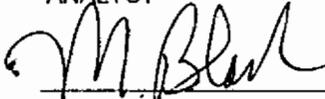
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	2
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	71

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-9-02 LAB ID: 802825
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT BROWN HARD RESILIENT TO GRANULAR WITH GLUE		

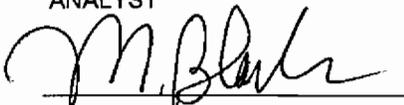
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	79

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-9-03 LAB ID: 802826
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT BROWN HARD RESILIENT TO GRANULAR WITH BLACK MASTIC AND GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	2
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

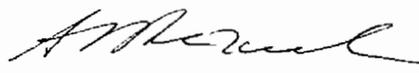
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-10-01 LAB ID: 802827
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLUE HARD RESILIENT TO GRANULAR WITH BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	74

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-10-02 LAB ID: 802828
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLUE HARD RESILIENT TO GRANULAR WITH BLACK MASTIC		

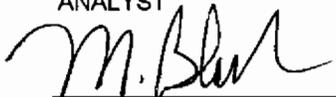
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-10-03 LAB ID: 802829
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLUE HARD RESILIENT TO GRANULAR WITH GLUE		

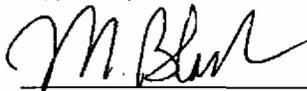
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

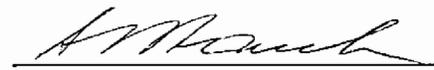
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-11-01 LAB ID: 802830
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK HARD RESILIENT TO GRANULAR WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	74

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-11-02 LAB ID: 802831
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK HARD RESILIENT TO GRANULAR WITH GLUE		

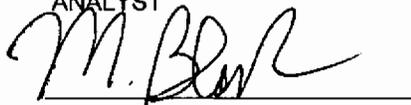
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-11-03 LAB ID: 802832
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK HARD RESILIENT TO GRANULAR WITH GLUE		

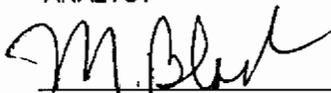
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-12-01 LAB ID: 802833
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	80
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-12-02 LAB ID: 802834
SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	80
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

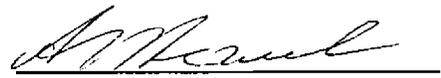
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345

TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED

LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-12-03 LAB ID: 802835
SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

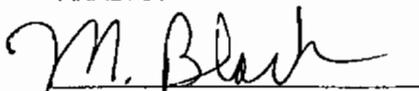
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	85
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

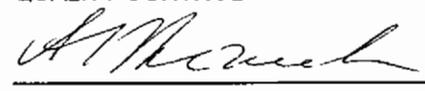
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-13-01 LAB ID: 802836
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

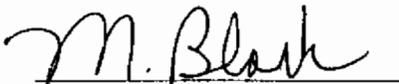
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	80
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

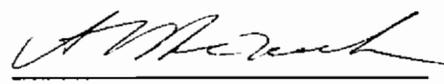
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-13-02 LAB ID: 802837
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	2

COMMENTS:

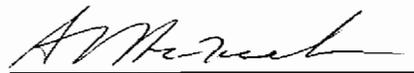
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-13-03 LAB ID: 802838
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

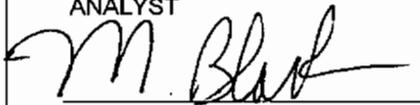
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch.1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIBLABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-14-01 LAB ID: 802839
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. PINK SEMI-HARD RESILIENT WITH GLUE; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	15

COMMENTS:

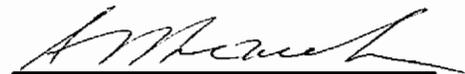
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-14-02 LAB ID: 802840-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2
APPEARANCE: 1. PINK SEMI-HARD RESILIENT WITH GLUE; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	50
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-14-02 LAB ID: 802840-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 3
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR		

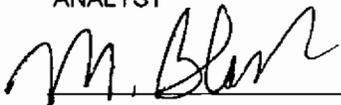
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	2	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	73

COMMENTS: LAYER IS <1% OF SAMPLE VOLUME

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-14-03 LAB ID: 802841-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2
APPEARANCE: 1. PINK SEMI-HARD RESILIENT WITH GLUE; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

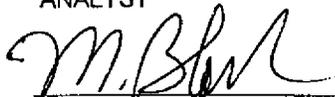
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOPILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

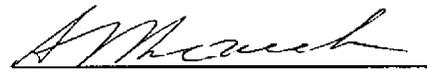
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-14-03 LAB ID: 802841-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 3
APPEARANCE: LT GRAY HARD RESILIENT TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE	3	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	72

COMMENTS: LAYER IS <1% OF SAMPLE VOLUME

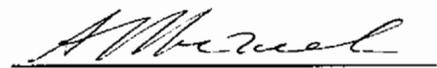
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-15-01 LAB ID: 802842
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS WITH GLUE		

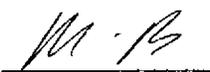
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	30
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	45

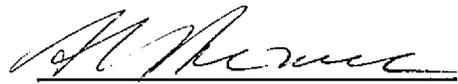
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-15-02 LAB ID: 802843-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2
APPEARANCE: 1. GRAY SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	15

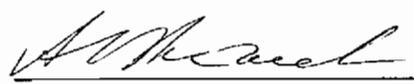
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-15-02 LAB ID: 802843-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 3
APPEARANCE: BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

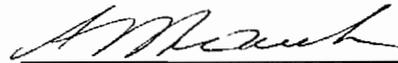
ASBESTOS FIBERS		NONASBESTOS FIBERS	NONFIBROUS COMPONENTS	OTHER COMPONENTS
CHRYSTOLITE	2	CELLULOSE	VERMICULITE/MICA	BITUMEN/TAR 90
AMOSITE		GLASS FIBERS	PERLITE	SAND/AGGR.
CROCIDOLITE		SYNTHETICS	EXPANDED GLASS	GLUE/CAULK
TREMOLITE		WOLLASTONITE	SYNTHETIC FOAM	VINYL
ACTINOLITE		TALC	ALUMINUM/METAL	CORK
ANTHOPHYLLITE			FOAM RUBBER	LATEX/RUBBER
				BINDERS/PAINT 8

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-15-03 LAB ID: 802844-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2
APPEARANCE: 1. GRAY SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	20

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-15-03 LAB ID: 802844-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

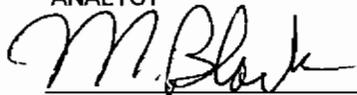
LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 3
APPEARANCE: BLACK MASTIC		

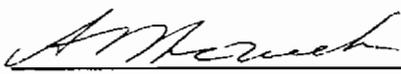
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	3	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	90
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-16-01 LAB ID: 802845
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	50
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

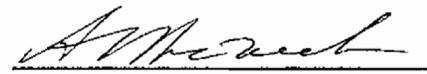
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-16-02 LAB ID: 802846
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

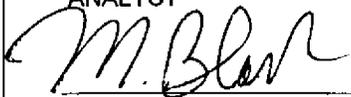
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	15

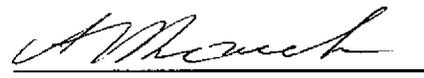
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-16-03 LAB ID: 802847-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2
APPEARANCE: 1. GRAY SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

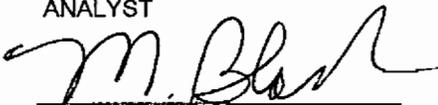
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	20

COMMENTS:

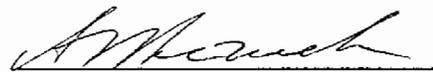
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-16-03 LAB ID: 802847-2
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 3
APPEARANCE: GRAY HARD RESILIENT TO GRANULAR WITH BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	3	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	71

COMMENTS: 3% CHRYSTOLE IN BLACK MASTIC

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-17-01 LAB ID: 802848
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. LT BROWN SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE	30	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	50
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	13

COMMENTS:

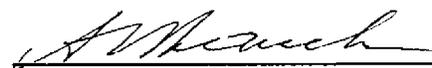
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-17-02 LAB ID: 802849
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98

SAMPLE FIELD ID: CNH-17-03 LAB ID: 802850
SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-18-01 LAB ID: 802851
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY-PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-18-02 LAB ID: 802852
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY-PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

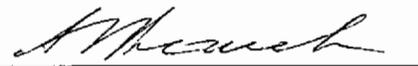
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-18-03 LAB ID: 802853
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY-PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

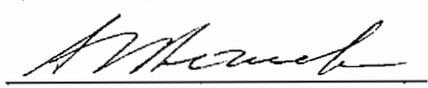
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-19-01 LAB ID: 802854
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-19-02 LAB ID: 802855
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

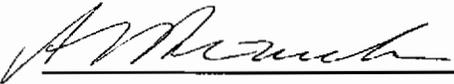
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



 MICHAEL BLACK

QUALITY CONTROL



 ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-19-03 LAB ID: 802856
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: LT GRAY-PINK SEMI-HARD RESILIENT WITH GLUE	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-20-01 LAB ID: 802857
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

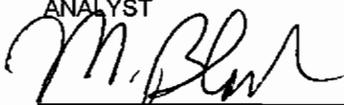
LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-20-02 LAB ID: 802858
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

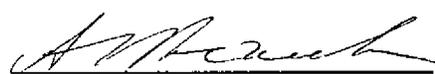
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-20-03 LAB ID: 802859
SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

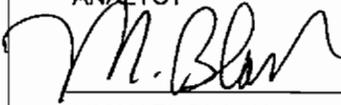
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

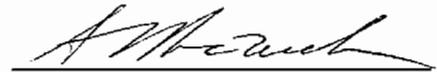
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-21-01 LAB ID: 802860
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. BROWN SEMI-HARD RESILIENT WITH GLUE; 2. GRAY SOFT FIBROUS TO POWDERY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	24

COMMENTS:

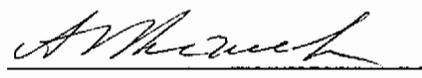
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
SAMPLE FIELD ID: CNH-21-02 LAB ID: 802861
SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. BROWN SEMI-HARD RESILIENT WITH GLUE; 2. GRAY SOFT FIBROUS TO POWDERY		

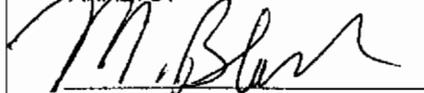
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	23

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-1
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/10/98
 SAMPLE FIELD ID: CNH-21-03 LAB ID: 802862
 SAMPLE INFO: _____ DATE ANALYZED: 6/9/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. BROWN SEMI-HARD RESILIENT WITH GLUE; 2. GRAY SOFT FIBROUS TO POWDERY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

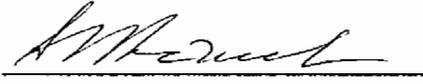
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	40
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	25

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/9/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-22-01 LAB ID: 807863
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

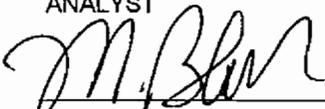
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-22-02 LAB ID: 807864
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

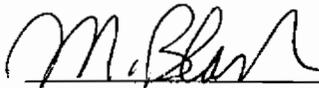
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

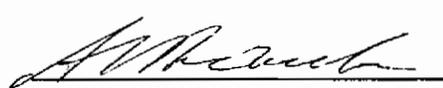
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-22-03 LAB ID: 807865
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-01 LAB ID: 807866
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

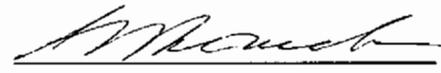
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-02 LAB ID: 807867
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

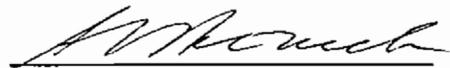
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-03 LAB ID: 807868
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

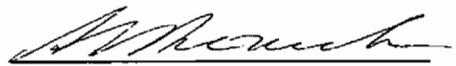
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-04 LAB ID: 807869
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

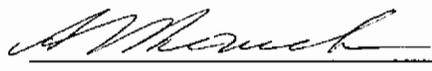
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-05 LAB ID: 807870
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

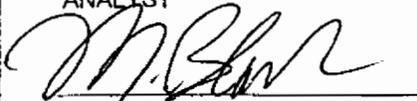
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

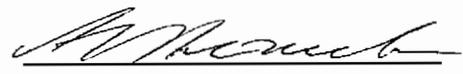
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-23-06 LAB ID: 807871
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

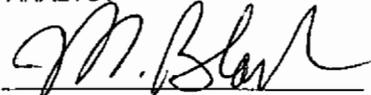
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

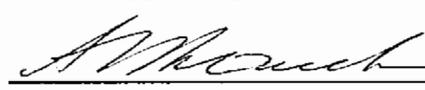
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-07 LAB ID: 807872
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-08 LAB ID: 807873
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

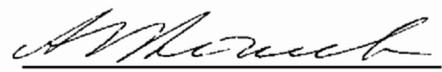
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-09 LAB ID: 807874
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-10 LAB ID: 807875
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-11 LAB ID: 807876
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

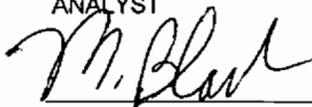
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-23-12 LAB ID: 807877
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE AND CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	80
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-23-13 LAB ID: 807878
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	2

COMMENTS:

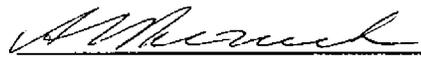
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-24-01 LAB ID: 807879
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-24-02 LAB ID: 807880
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

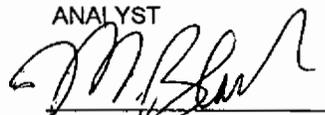
LAYERED: NO		
APPEARANCE: PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-24-03 LAB ID: 807881
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

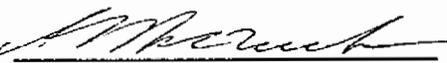
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

MICHAEL BLACK

QUALITY CONTROL

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-25-01 LAB ID: 807882
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SEMI-HARD RESILIENT WITH GLUE		

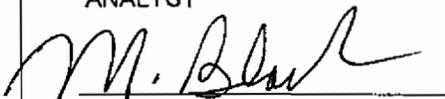
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-25-02 LAB ID: 807883
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SEMI-HARD RESILIENT WITH GLUE		

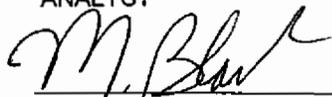
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-25-03 LAB ID: 807884
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SEMI-HARD RESILIENT WITH GLUE		

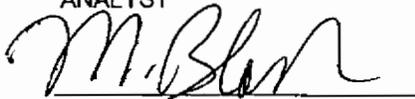
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-26-01 LAB ID: 807885
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

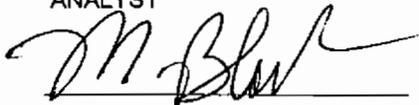
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUMMETAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-26-02 LAB ID: 807886
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

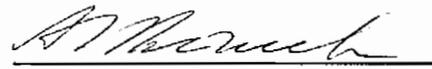
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-26-03 LAB ID: 807887
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

COMMENTS:

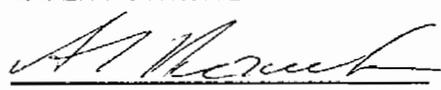
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-27-01 LAB ID: 807888
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-27-02 LAB ID: 807889
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	85
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-27-03 LAB ID: 807890
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

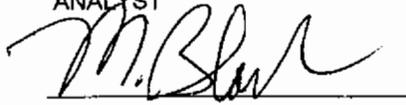
LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	3

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-28-01 LAB ID: 807891
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PURPLE SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

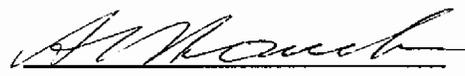
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-28-02 LAB ID: 807892
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PURPLE SEMI-HARD RESILIENT WITH GLUE		

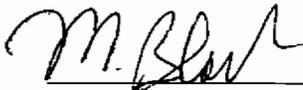
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOPILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	9

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-28-03 LAB ID: 807893
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PURPLE SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	9

COMMENTS:

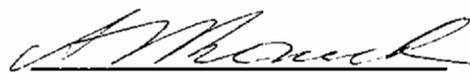
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-29-01 LAB ID: 807894
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PURPLE SEMI-HARD RESILIENT WITH GLUE		

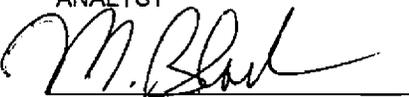
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	8

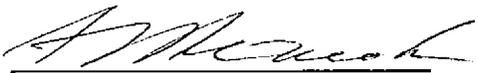
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-29-02 LAB ID: 807895
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: PURPLE SEMI-HARD RESILIENT WITH GLUE	

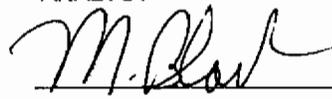
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOPILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	10
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	85
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

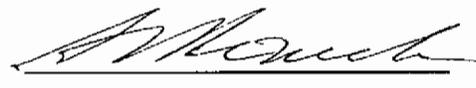
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-29-03 LAB ID: 807896
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PURPLE SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

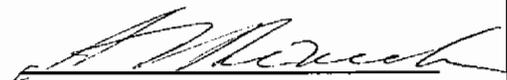
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ANALYST



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QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-30-01 LAB ID: 807897
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-30-02 LAB ID: 807898
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	4

COMMENTS:

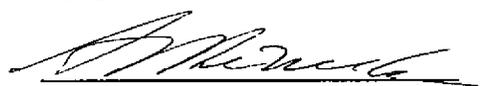
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-30-03 LAB ID: 807899
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SEMI-HARD RESILIENT		

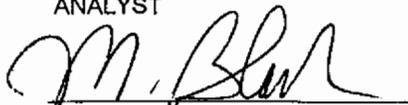
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

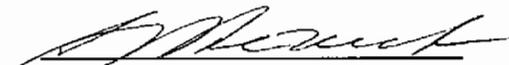
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-31-01 LAB ID: 807900
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD SILTY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS	1	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-31-02 LAB ID: 807901
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD SILTY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOITILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS	1	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-31-03 LAB ID: 807902
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD SILTY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS	1	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	79

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**C A F E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-2
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-31-04 LAB ID: 807903
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD SILTY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS	1	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	83

COMMENTS:

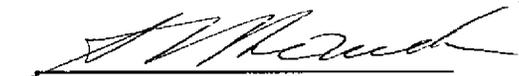
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-32-01 LAB ID: 807904
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-32-02 LAB ID: 807905
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK SOFT RESILIENT WITH GLUE		

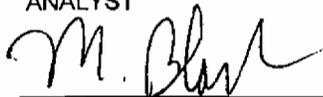
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

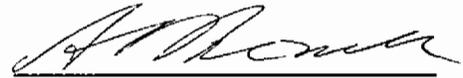
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-32-03 LAB ID: 807906
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: PINK SEMI-HARD RESILIENT WITH GLUE	

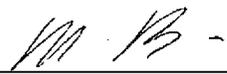
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

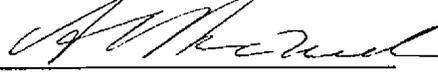
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-33-01 LAB ID: 807907
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE	

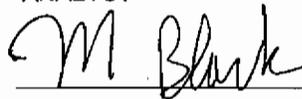
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOPILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-33-02 LAB ID: 807908
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	7

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-33-03 LAB ID: 807909
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	90
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	6

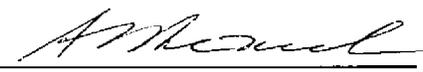
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-34-01 LAB ID: 807910
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

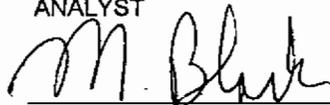
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-02 LAB ID: 807911
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

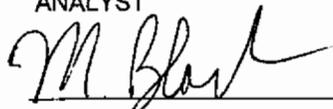
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-03 LAB ID: 807912
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

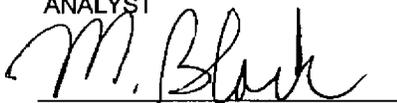
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	94

COMMENTS:

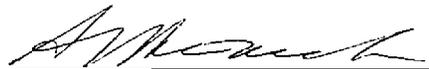
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-04 LAB ID: 807913
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	99

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-05 LAB ID: 807914
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

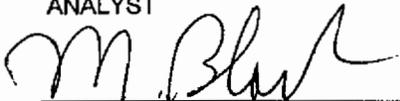
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

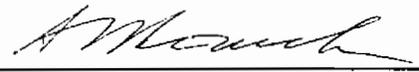
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
 TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
 LAB CODE - 102111

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-06 LAB ID: 807915
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

COMMENTS:

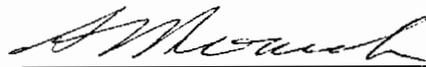
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-07 LAB ID: 807916
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	99

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-08 LAB ID: 807917
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	99

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-09 LAB ID: 807918
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-34-10 LAB ID: 807919
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

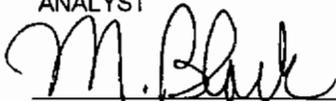
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

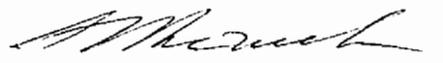
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: BB141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-11 LAB ID: 807920
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

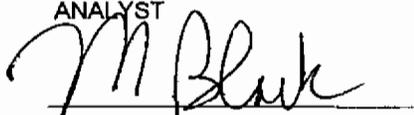
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	95

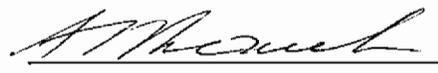
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-12 LAB ID: 807921
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

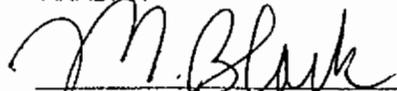
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	95

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-34-13 LAB ID: 807922
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

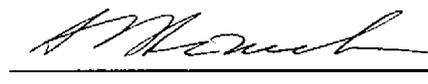
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. *NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-14 LAB ID: 807923
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

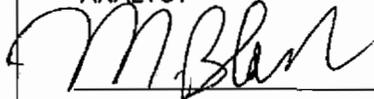
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-15 LAB ID: 807924
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOPILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-16 LAB ID: 807925
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

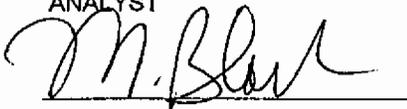
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	99

COMMENTS:

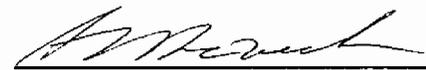
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-17 LAB ID: 807926
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-34-18 LAB ID: 807927
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

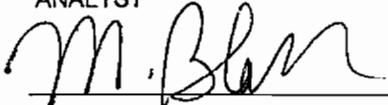
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

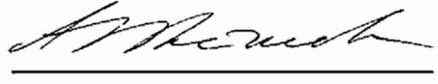
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-19 LAB ID: 807928
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-20 LAB ID: 807929
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

Michael Black

MICHAEL BLACK

QUALITY CONTROL

Aleksey Reznik

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-21 LAB ID: 807930
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

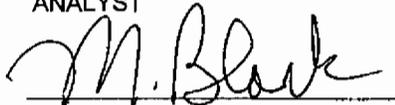
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

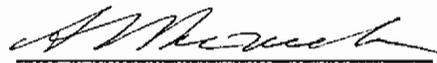
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-34-22 LAB ID: 807931
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-35-01 LAB ID: 807932
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

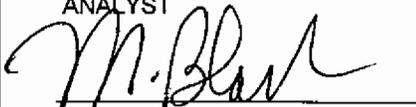
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

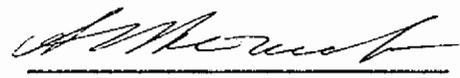
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-02 LAB ID: 807933
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

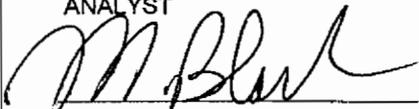
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

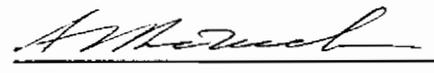
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-35-03 LAB ID: 807934
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

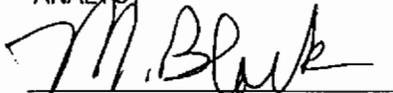
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

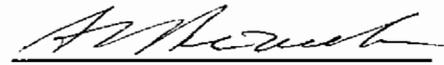
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-04 LAB ID: 807935
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

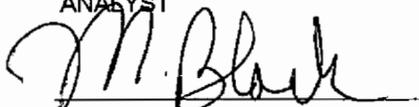
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

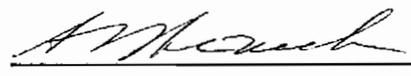
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-05 LAB ID: 807936
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

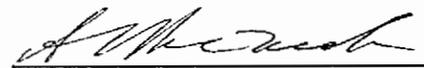
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-06 LAB ID: 807937
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

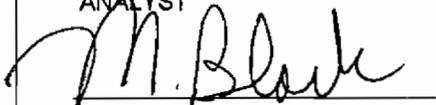
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

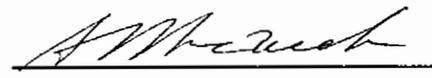
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-35-07 LAB ID: 807938
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-08 LAB ID: 807939
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

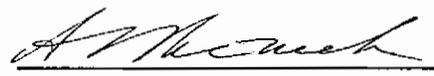
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-09 LAB ID: 807940
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

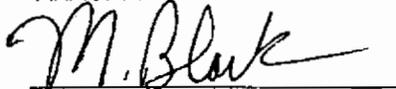
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-10 LAB ID: 807941
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-11 LAB ID: 807942
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

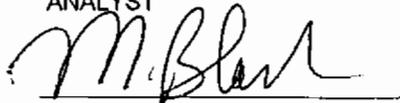
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-35-12 LAB ID: 807943
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

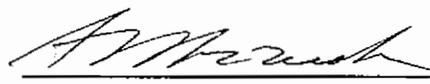
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-3
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-35-13 LAB ID: 807944
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

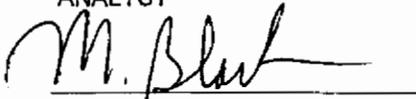
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-36-01 LAB ID: 807945
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSO TILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-36-02 LAB ID: 807946
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

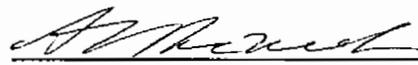
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-36-03 LAB ID: 807947
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

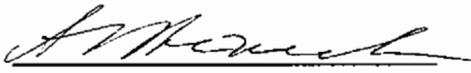
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

MICHAEL BLACK

QUALITY CONTROL

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-36-04 LAB ID: 807948
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

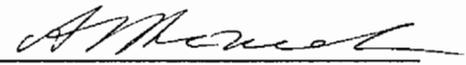
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-36-05 LAB ID: 807949
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

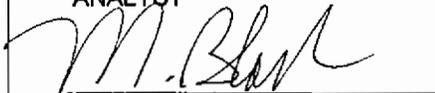
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

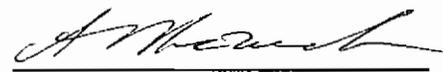
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-37-01 LAB ID: 807950
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

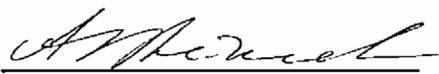
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-37-02 LAB ID: 807951
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-37-03 LAB ID: 807952
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-38-01 LAB ID: 807953
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

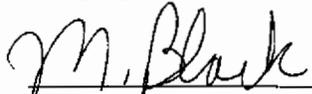
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-38-02 LAB ID: 807954
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

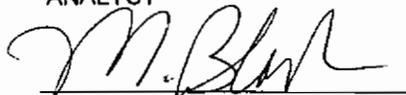
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-38-03 LAB ID: 807955
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-39-01 LAB ID: 807956
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: TAN HARD SILTY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

COMMENTS:

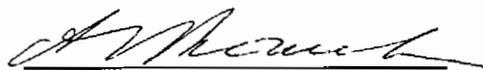
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-39-02 LAB ID: 807957
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: TAN HARD SILTY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

COMMENTS:

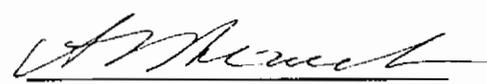
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-39-03 LAB ID: 807958
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: TAN HARD SILTY TO GRANULAR	

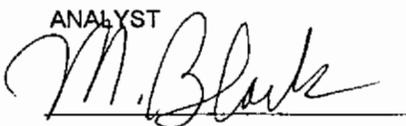
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

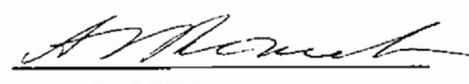
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-40-01 LAB ID: 807959
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH MICA AND PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE	2	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	93

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-40-02 LAB ID: 807960
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

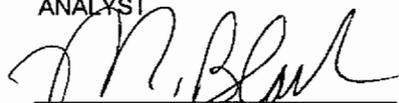
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	5	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	6	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	87

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-40-03 LAB ID: 807961
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

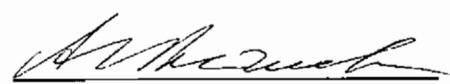
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	15	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-40-04 LAB ID: 807962
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	3	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	2	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	93

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-40-05 LAB ID: 807963
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	15	VERMICULITE/MICA	10	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98
 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-40-06 LAB ID: 807964
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

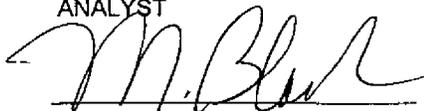
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	3	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

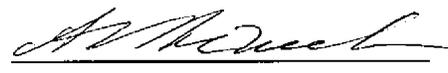
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98
 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-41-01 LAB ID: 807965
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	40	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-41-02 LAB ID: 807966
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

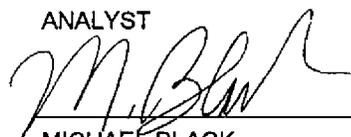
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	40	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-41-03 LAB ID: 807967
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	40	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-41-04 LAB ID: 807968
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	40	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

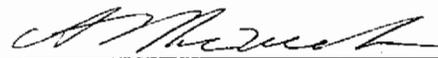
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-41-05 LAB ID: 807969
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	40	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-41-06 LAB ID: 807970
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	40	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-42-01 LAB ID: 807971
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

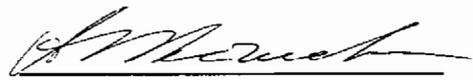
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-42-02 LAB ID: 807972
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

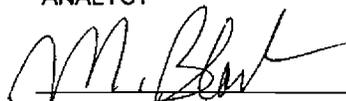
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

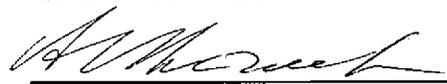
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-42-03 LAB ID: 807973
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

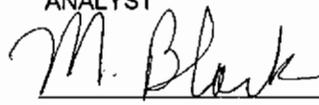
LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

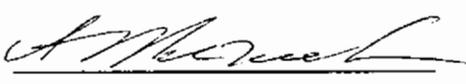
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-44-01 LAB ID: 807974
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

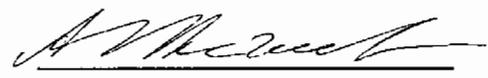
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-44-02 LAB ID: 807975
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

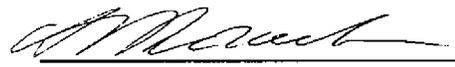
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-44-03 LAB ID: 807976
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-45-01 LAB ID: 807977
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

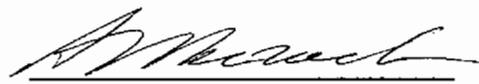
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-45-02 LAB ID: 807978
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

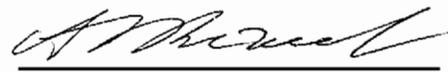
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-45-03 LAB ID: 807979
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

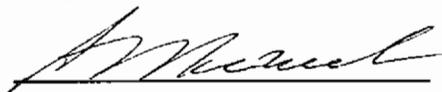
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-46-01 LAB ID: 807980
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-46-02 LAB ID: 807981
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-4
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-46-03 LAB ID: 807982
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	30	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE	30	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-47-01 LAB ID: 807983
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SOFT BITUMINOUS WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	5	CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	90
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	3

COMMENTS:

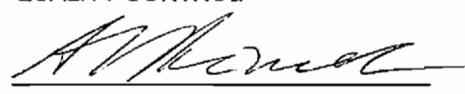
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-47-02 LAB ID: 807984
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-47-03 LAB ID: 807985
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-47-04 LAB ID: 807986
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-48-01 LAB ID: 807987
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD CEMENTITIOUS TO FIBROUS WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE	30	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-48-02 LAB ID: 807988
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-48-03 LAB ID: 807989
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-49-01 LAB ID: 807990
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

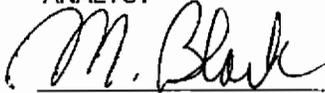
LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. PINK SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

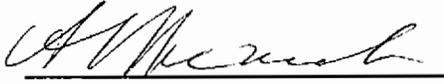
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	50
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	15

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-49-02 LAB ID: 807991
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. PINK SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	50
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	14

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-49-03 LAB ID: 807992
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. PINK SEMI-HARD RESILIENT; 2. GRAY SOFT FIBROUS TO POWDERY WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	3
CROCIDOLITE		SYNTHETICS	10	EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	50
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	15

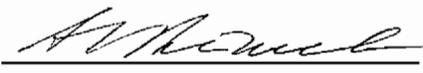
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-50-01 LAB ID: 807993
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK HARD RESILIENT TO GRANULAR WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	65

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-50-02 LAB ID: 807994
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK HARD RESILIENT TO GRANULAR WITH GLUE		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	3
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	61

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-50-03 LAB ID: 807995
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK HARD RESILIENT TO GRANULAR WITH GLUE AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	4
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	64

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-01 LAB ID: 807996
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	60

COMMENTS:

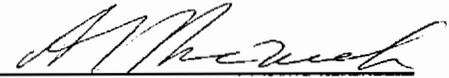
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-51-02 LAB ID: 807997
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

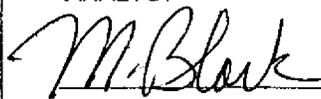
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

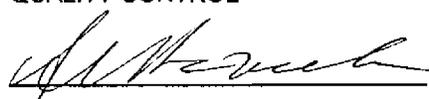
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-03 LAB ID: 807998
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

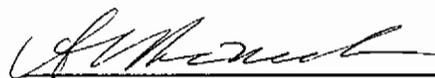
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-04 LAB ID: 807999
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-51-05 LAB ID: 808000
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
* NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-06 LAB ID: 808001
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

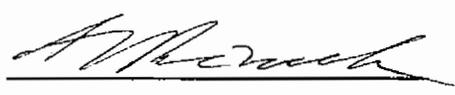
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-51-07 LAB ID: 808002
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	25
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

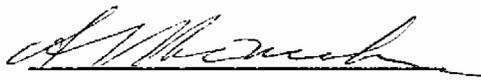
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
* NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-08 LAB ID: 808003
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-09 LAB ID: 808004
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-10 LAB ID: 808005
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

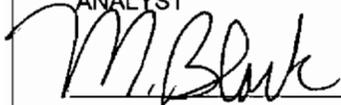
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	10
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	90

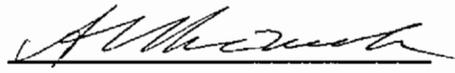
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-11 LAB ID: 808006
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-51-12 LAB ID: 808007
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY HARD CEMENTITIOUS TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	20
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-13 LAB ID: 808008
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE SOFT SILTY TO POWDERY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-14 LAB ID: 808009
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE SOFT SILTY TO POWDERY WITH PAINT		

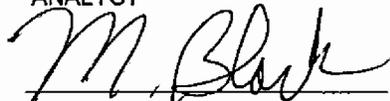
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS:

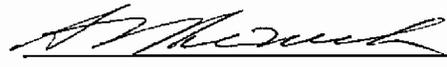
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-15 LAB ID: 808010
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE SOFT SILTY TO POWDERY WITH PAINT		

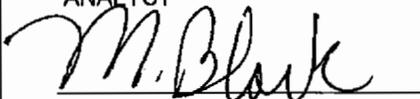
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	99

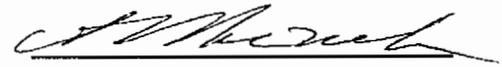
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-51-16 LAB ID: 808011
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD SILTY WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS:

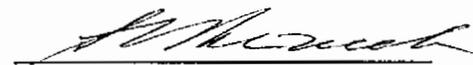
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-51-17 LAB ID: 808012
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	40
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	60

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. B.

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-18 LAB ID: 808013
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY WITH PAINT; 2. GRAY POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	94

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-19 LAB ID: 808014
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY; 2. GRAY POWDERY TO GRANULAR		

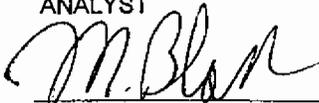
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE	5	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	95

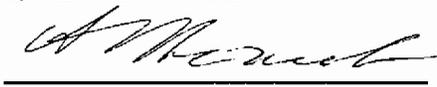
COMMENTS:

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ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-51-20 LAB ID: 808015
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. WHITE HARD SILTY; 2. GRAY POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE	10	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	88

COMMENTS:

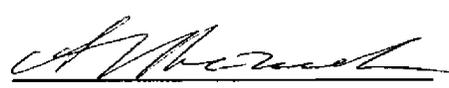
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52a-01 LAB ID: 808016
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

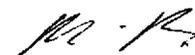
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	20	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	76

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52a-02 LAB ID: 808017
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

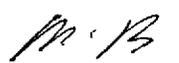
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	15	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	82

COMMENTS:

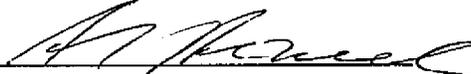
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



 MICHAEL BLACK

QUALITY CONTROL



 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52a-03 LAB ID: 808018
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS WITH PAINT; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

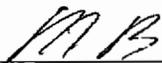
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52a-04 LAB ID: 808019
SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS WITH PAINT; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

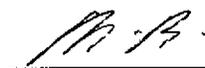
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	4	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	86

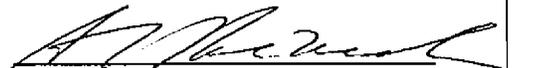
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
* NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-5
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-01 LAB ID: 808020
 SAMPLE INFO: _____ DATE ANALYZED: 6/10/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

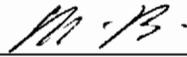
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	<1	CELLULOSE	10	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	2	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS: <1% CHRYSTOLE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/10/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


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QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52b-02 LAB ID: 807921
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

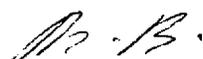
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	<1	CELLULOSE	15	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	78

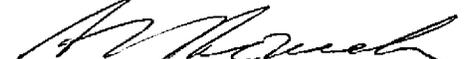
COMMENTS: 2% CHRYSTOLE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-03 LAB ID: 807922
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE	<1	CELLULOSE	15	VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	79

COMMENTS: 2% CHRYSOTILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

MA-B-
 MICHAEL BLACK

QUALITY CONTROL

A. Reznik
 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-04 LAB ID: 807923
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-05 LAB ID: 807924
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

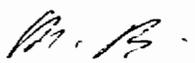
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE	<1	CELLULOSE	20	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	78

COMMENTS: 2% CHRYSOTILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-06 LAB ID: 807925
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

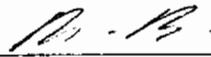
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

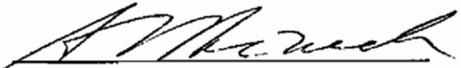
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-07 LAB ID: 807926
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

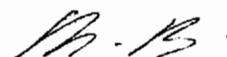
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-08 LAB ID: 807927
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

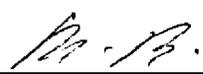
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52b-09 LAB ID: 807928
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

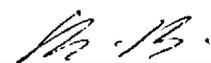
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

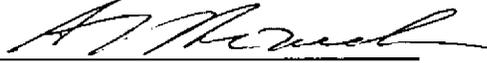
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52b-10 LAB ID: 807929
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

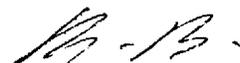
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIBILE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52c-01 LAB ID: 807930
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

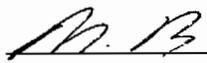
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	<1	CELLULOSE	10	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	3	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

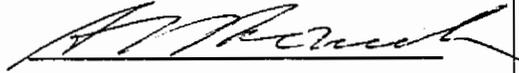
COMMENTS: 2% CHRYBOTILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52c-02 LAB ID: 807931
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

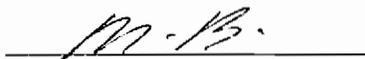
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTILE	<1	CELLULOSE	15	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	78

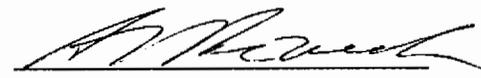
COMMENTS: 2% CHRYSTILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52c-03 LAB ID: 807932
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE	<1	CELLULOSE	15	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	3	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS: 2% CHRYSTOTILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. B.
 MICHAEL BLACK

QUALITY CONTROL

A. Reznik
 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52c-04 LAB ID: 807933
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

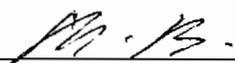
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52c-05 LAB ID: 807934
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

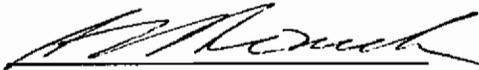
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52c-06 LAB ID: 807935
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

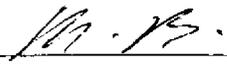
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52d-01 LAB ID: 807936
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	<1	CELLULOSE	15	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC	1	ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	77

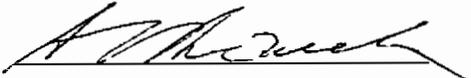
COMMENTS: 3% CHRYBOTILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98
 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52d-02 LAB ID: 807937
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE	<1	CELLULOSE	10	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	83

COMMENTS: 2% CHRYSTOLITE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. B.
 MICHAEL BLACK

QUALITY CONTROL

A. Reznik
 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52d-03 LAB ID: 807938
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

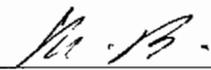
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYTOSILE	<1	CELLULOSE	10	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	83

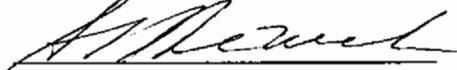
COMMENTS: 2% CHRYTOSILE IN JOINT COMPOUND

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. *NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52d-04 LAB ID: 807939
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

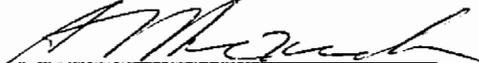
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52d-05 LAB ID: 807940
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. Black
 MICHAEL BLACK

QUALITY CONTROL

A. Reznik
 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52d-06 LAB ID: 807941
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

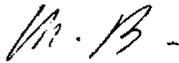
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52e-01 LAB ID: 807942
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

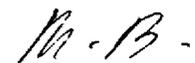
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	4	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	83

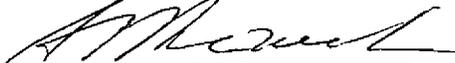
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52e-02 LAB ID: 807943
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

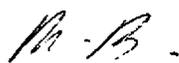
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	15	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	3	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	77

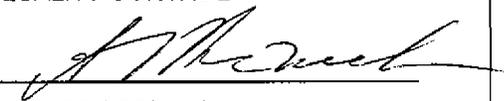
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52e-03 LAB ID: 807944
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LIGHT GRAY HARD SILTY WITH FIBERS		

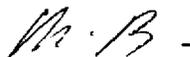
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	5	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98

SAMPLE FIELD ID: CNH-52e-04 LAB ID: 807945
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: LIGHT GRAY HARD SILTY WITH FIBERS	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	88

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

Michael Black
MICHAEL BLACK

QUALITY CONTROL

Aleksey Reznik
ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
SAMPLE FIELD ID: CNH-52f-01 LAB ID: 807946
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA AND PAINT; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	10	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	3	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	82

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


MICHAEL BLACK

QUALITY CONTROL


ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52f-02 LAB ID: 807947
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. WHITE HARD SILTY WITH MICA; 2. GRAY SOFT FIBROUS; 3. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	15	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	82

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. Black
 MICHAEL BLACK

QUALITY CONTROL

A. Reznik
 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52f-03 LAB ID: 807948
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS WITH PAINT; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	15	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-52f-04 LAB ID: 807949
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS WITH PAINT; 2. LIGHT GRAY HARD SILTY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA	5	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	80

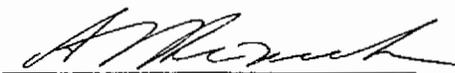
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
 SAMPLE FIELD ID: CNH-53-01 LAB ID: 807950
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: GRAY HARD CEMENTITIOUS TO FIBROUS	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	50	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	5
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	45

COMMENTS:

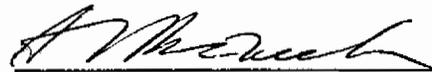
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
 SAMPLE FIELD ID: CNH-53-02 LAB ID: 807951
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98

SAMPLE FIELD ID: CNH-53-03 LAB ID: 807952
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
 SAMPLE FIELD ID: CNH-54-01 LAB ID: 807953
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY HARD CEMENTITIOUS TO GRANULAR WITH GLUE; 2. BLACK HARD RESILIENT TO GRANULAR		

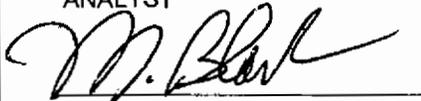
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
 * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
 SAMPLE FIELD ID: CNH-54-02 LAB ID: 807954
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY HARD CEMENTITIOUS TO GRANULAR WITH GLUE; 2. BLACK HARD RESILIENT TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	82

COMMENTS:

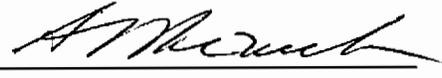
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ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-54-03 LAB ID: 807955
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY HARD CEMENTITIOUS TO GRANULAR WITH GLUE; 2. BLACK HARD RESILIENT TO GRANULAR		

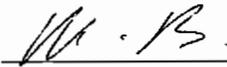
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98

SAMPLE FIELD ID: CNH-55-01 LAB ID: 807956
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH BLACK MASTIC AND ALUMINUM FOIL		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	30
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	20

COMMENTS:

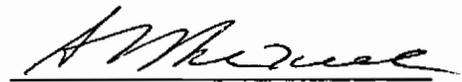
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
SAMPLE FIELD ID: CNH-55-02 LAB ID: 807957
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH BLACK MASTIC AND ALUMINUM FOIL		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	50
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

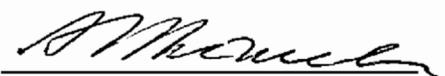
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
 SAMPLE FIELD ID: CNH-55-03 LAB ID: 807958
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

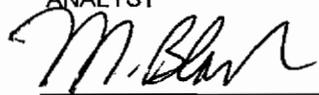
LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH BLACK MASTIC AND ALUMINUM FOIL		

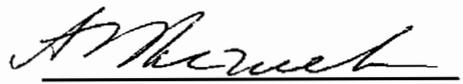
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	20
AMOSITE		GLASS FIBERS	60	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	5	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
SAMPLE FIELD ID: CNH-55-04 LAB ID: 807959
SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH BLACK MASTIC AND ALUMINUM FOIL		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	30
AMOSITE		GLASS FIBERS	40	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-6
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/8/98
 SAMPLE FIELD ID: CNH-55-05 LAB ID: 807960
 SAMPLE INFO: _____ DATE ANALYZED: 6/5/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH BLACK MASTIC AND ALUMINUM FOIL		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

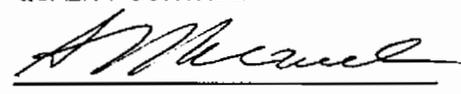
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	20
AMOSITE		GLASS FIBERS	50	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/5/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-55-06 LAB ID: 808061
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	20
AMOSITE		GLASS FIBERS	55	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-55-07 LAB ID: 808062
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	45
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	20	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-08 LAB ID: 808063
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	35
AMOSITE		GLASS FIBERS	30	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-55-09 LAB ID: 808064
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	40
AMOSITE		GLASS FIBERS	35	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	0

COMMENTS:

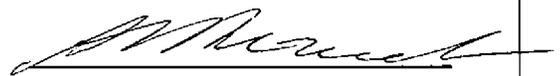
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-10 LAB ID: 808065
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	45
AMOSITE		GLASS FIBERS	20	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-11 LAB ID: 808066
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	10
AMOSITE		GLASS FIBERS	40	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	25

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-12 LAB ID: 808067
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	55
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

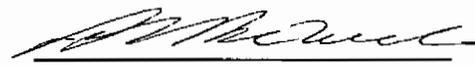
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-13 LAB ID: 808068
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

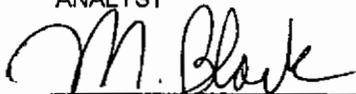
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	25	VERMICULITE/MICA		BITUMEN/TAR	50
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-14 LAB ID: 808069
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	65
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-15 LAB ID: 808070
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

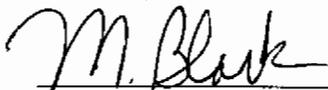
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	50
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

C A P E
ENVIRONMENTAL
MANAGEMENT
I N C

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345
TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-55-16 LAB ID: 808071
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

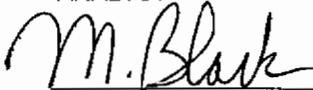
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	55
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

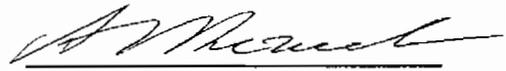
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

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PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-55-17 LAB ID: 808072
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	55
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

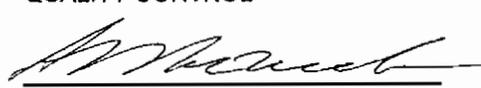
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



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**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-18 LAB ID: 808073
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOITILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	60
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



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QUALITY CONTROL



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POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-55-19 LAB ID: 808074
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

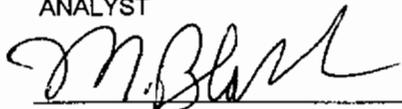
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	50
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	14

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



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**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-55-20 LAB ID: 806765
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, AND CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	40
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	20	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	15

COMMENTS:

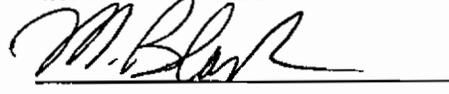
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



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QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-55-21 LAB ID: 806766
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, AND CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOTILE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	40
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	20	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



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QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-55-22 LAB ID: 806767
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, AND CANVAS		

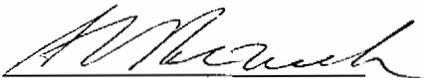
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	45
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

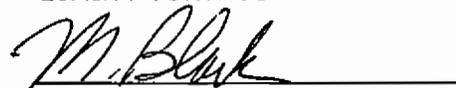
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



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QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-56-01 LAB ID: 808075
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	55
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

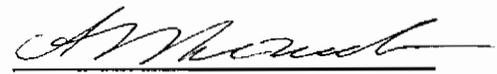
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-56-02 LAB ID: 808076
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS WITH ALUMINUM FOIL AND BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	50
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

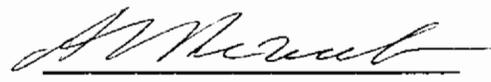
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-56-03 LAB ID: 806768
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, AND CANVAS	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	40
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	20	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-56-04 LAB ID: 806769
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, AND CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	60
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 ALEKSEY REZNIK

QUALITY CONTROL


 MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-56-05 LAB ID: 806770
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, AND CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSOITILE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	45
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	5
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	20	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	5

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 ALEKSEY REZNIK

QUALITY CONTROL


 MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-57-01 LAB ID: 808077
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO POWDERY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-57-02 LAB ID: 808078
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO POWDERY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

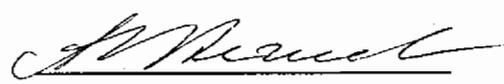
ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

 MICHAEL BLACK

QUALITY CONTROL

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-57-03 LAB ID: 808079
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO POWDERY		

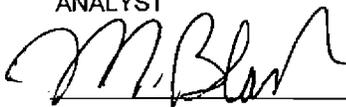
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	1
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

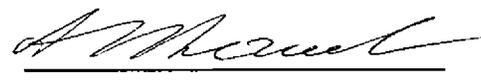
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-57-04 LAB ID: 808080
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT FIBROUS TO POWDERY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	83

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-57-05 LAB ID: 808081
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD SILTY TO FIBROUS		

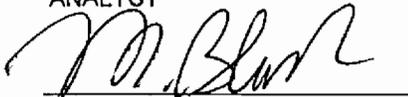
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	83

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8125
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/18/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-57-06 LAB ID: 806777
 SAMPLE INFO: _____ DATE ANALYZED: 5/18/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT POWDERY TO FIBROUS WITH CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	8	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	82

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/18/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8125
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/18/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-57-07 LAB ID: 806778
 SAMPLE INFO: _____ DATE ANALYZED: 5/18/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	10	PERLITE		SAND/AGGR.	2
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	87

COMMENTS:

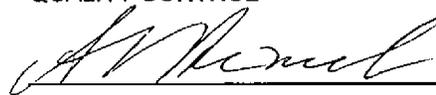
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/18/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-57-08 LAB ID: 806774
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

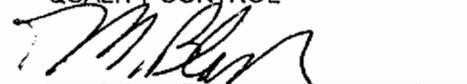
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-57-09 LAB ID: 806775
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

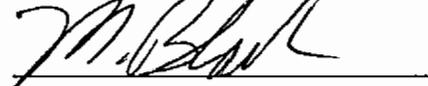
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-57-10 LAB ID: 806776
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8125
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/18/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-58-01 LAB ID: 806779
 SAMPLE INFO: _____ DATE ANALYZED: 5/18/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: RED SOFT RESILIENT		

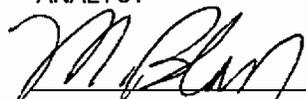
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE	1	SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	99

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/18/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-58-02 LAB ID: 806762
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SOFT GUMMY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	3	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	95

COMMENTS:

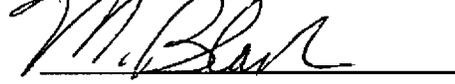
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-58-03 LAB ID: 806763
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SOFT GUMMY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	3	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	96

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-58-04 LAB ID: 806764
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SOFT GUMMY		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	94

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-01 LAB ID: 808082
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-59-02 LAB ID: 808083
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-59-03 LAB ID: 808084
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

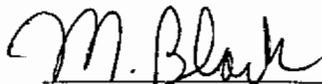
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-04 LAB ID: 808085
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	2	VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	66

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-59-05 LAB ID: 808086
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

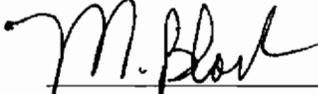
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

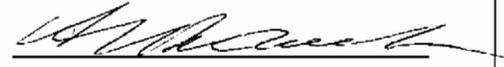
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-59-06 LAB ID: 808087
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT	

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	1	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-59-07 LAB ID: 808088
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT AND TRACE OF BLACK MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA	1	BITUMEN/TAR	1
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	1	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	64

COMMENTS:

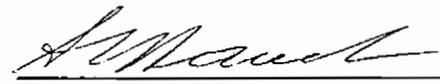
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-08 LAB ID: 808089
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

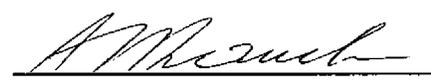
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-59-09 LAB ID: 808090
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

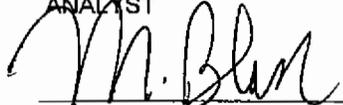
LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

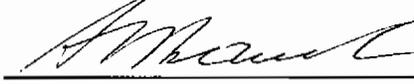
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

MICHAEL BLACK

QUALITY CONTROL

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-10 LAB ID: 808091
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD POWDERY TO GRANULAR WITH PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	1	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-11 LAB ID: 808092
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SOFT POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE	10	SAND/AGGR.	15
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	74

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-59-12 LAB ID: 808093
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SOFT POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	64

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-13 LAB ID: 808094
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SOFT POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	1	PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

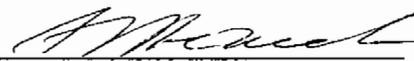
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-59-14 LAB ID: 808095
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SOFT POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	64

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

Aleksey Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-59-15 LAB ID: 808096
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SOFT POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	70

COMMENTS:

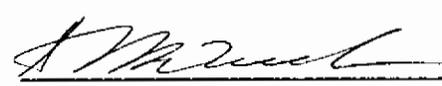
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-16 LAB ID: 808097
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: LT GRAY SOFT POWDERY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	64

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-59-17 LAB ID: 808098
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD SILTY TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	35
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	63

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-60-01 LAB ID: 808099
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO
 APPEARANCE: YELLOW SOFT FIBROUS WITH PAPER, ALUMINUM FOIL, AND WHITE MASTIC

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	10	CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	50

COMMENTS: 15-20% CHRYSTOLE IN WHITE MASTIC (30-40% OF SAMPLE VOLUME)

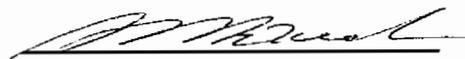
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8125
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/18/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-61-01 LAB ID: 806780
 SAMPLE INFO: _____ DATE ANALYZED: 5/18/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT RESILIENT WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	2	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	1	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	92

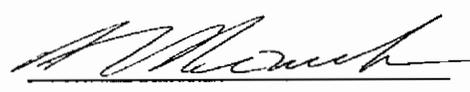
COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/18/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


 MICHAEL BLACK

QUALITY CONTROL


 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8125
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/18/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
SAMPLE FIELD ID: CNH-61-02 LAB ID: 806781
SAMPLE INFO: _____ DATE ANALYZED: 5/18/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT RESILIENT WITH ALUMINUM FOIL AND CANVAS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	20	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	2	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	63

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/18/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98
SAMPLE FIELD ID: CNH-61-03 LAB ID: 810510
SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SEMI-HARD RESILIENT WITH ALUMINUM FOIL, CANVAS, PAPER, AND YELLOW FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	15	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	30	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	40

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST


ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-62-01 LAB ID: 808100
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: PINK SOFT POWDERY TO PLATY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE	8	CELLULOSE		VERMICULITE/MICA	5	BITUMEN/TAR	0.1
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	87

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-62-02 LAB ID: 808101
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-62-03 LAB ID: 808102
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-63-01 LAB ID: 808103
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK SOFT BITUMINOUS WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE	10	CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	85

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-63-02 LAB ID: 808104
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-63-03 LAB ID: 808105
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-64-01 LAB ID: 808106
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY HARD RESILIENT TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE	20	CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC	2	ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	78

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98

SAMPLE FIELD ID: CNH-64-02 LAB ID: 808107
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. 1 (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

MICHAEL BLACK

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-64-03 LAB ID: 808108
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: NOT ANALYZED		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	100

COMMENTS: NOT ANALYZED

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

QUALITY CONTROL

 MICHAEL BLACK

 ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-65-01 LAB ID: 808109-1
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1
APPEARANCE: WHITE HARD RESILIENT TO GRANULAR		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	69

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
SAMPLE FIELD ID: CNH-65-01 LAB ID: 808109-2
SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 2
APPEARANCE: BLACK MASTIC		

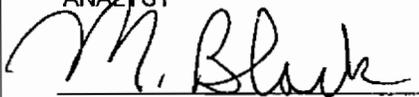
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS	NONFIBROUS COMPONENTS	OTHER COMPONENTS
CHRYSTOLE	2	CELLULOSE	VERMICULITE/MICA	BITUMEN/TAR 90
AMOSITE		GLASS FIBERS	PERLITE	SAND/AGGR.
CROCIDOLITE		SYNTHETICS	EXPANDED GLASS	GLUE/CAULK
TREMOLITE		WOLLASTONITE	SYNTHETIC FOAM	VINYL
ACTINOLITE		TALC	ALUMINUM/METAL	CORK
ANTHOPHYLLITE			FOAM RUBBER	LATEX/RUBBER
				BINDERS/PAINT 8

COMMENTS:

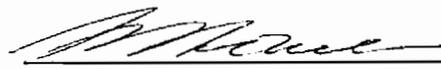
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98
FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.
* NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-65-02 LAB ID: 808110
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD RESILIENT TO GRANULAR WITH GLUE		

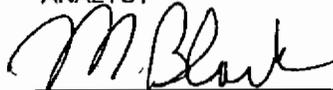
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	2
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	67

COMMENTS:

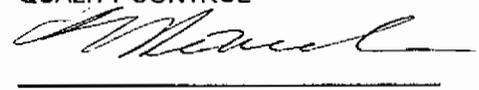
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-65-03 LAB ID: 808111
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: WHITE HARD RESILIENT TO GRANULAR WITH GLUE		

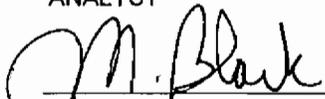
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	30
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	1
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	68

COMMENTS:

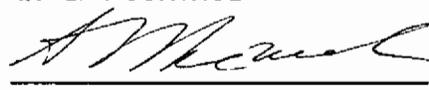
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-66-01 LAB ID: 808112
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT POWDERY TO FIBROUS		

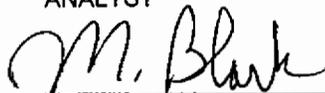
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	2	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	20	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	78

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-66-02 LAB ID: 808113
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY SOFT POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOTILE		CELLULOSE	1	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	15	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST

M. Black

MICHAEL BLACK

QUALITY CONTROL

A. Reznik

ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98

SAMPLE FIELD ID: CNH-66-03 LAB ID: 806771
SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY POWDERY TO FIBROUS		

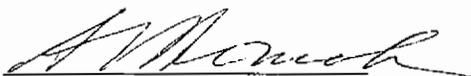
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	25	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

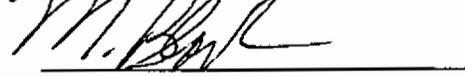
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
SAMPLE FIELD ID: CNH-66-04 LAB ID: 806772
SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY POWDERY TO FIBROUS		

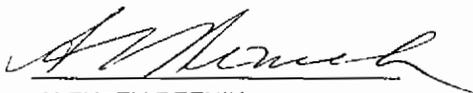
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	25	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/4/98
 SAMPLE FIELD ID: CNH-66-05 LAB ID: 806773
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: GRAY POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE		VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	25	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

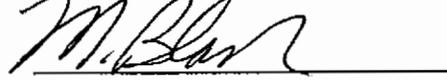
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-67-01 LAB ID: 808114
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT FIBROUS TO POWDERY		

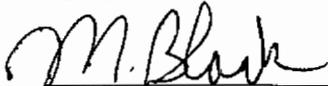
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA	1	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	84

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: 88141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-67-02 LAB ID: 808115
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 3	LAYER NO: 1+2+3
APPEARANCE: 1. YELLOW SOFT POWDERY TO FIBROUS; 2. CANVAS WITH PAINT; 3. GRAY SOFT FIBROUS TO PLATY		

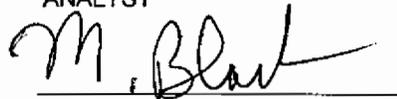
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	15	VERMICULITE/MICA	3	BITUMEN/TAR	
AMOSITE		GLASS FIBERS	2	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	75

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8141-7
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 6/2/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 6/11/98
 SAMPLE FIELD ID: CNH-67-03 LAB ID: 808116
 SAMPLE INFO: _____ DATE ANALYZED: 6/4/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: YELLOW SOFT POWDERY TO FIBROUS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	15	VERMICULITE/MICA	2	BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	78

COMMENTS:

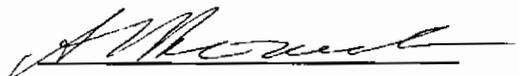
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 6/4/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



MICHAEL BLACK

QUALITY CONTROL



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98
SAMPLE FIELD ID: CNH-68-01 LAB ID: 810511
SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SOFT GUMMY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE	3	SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	87

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98
 SAMPLE FIELD ID: CNH-68-02 LAB ID: 810512
 SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SOFT GUMMY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYCOTILE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE	2	SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	88

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98
 SAMPLE FIELD ID: CNH-68-03 LAB ID: 810513
 SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BROWN SOFT GUMMY WITH FIBERS		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	5	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS		PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS	5	EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE	3	SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	87

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98
SAMPLE FIELD ID: CNH-69-01 LAB ID: 810514
SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT; 2. BROWN MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	25	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	25	PERLITE	10	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	20
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	20

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98

SAMPLE FIELD ID: CNH-69-02 LAB ID: 810515
SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT; 2. BROWN MASTIC		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLITE		CELLULOSE	25	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	25	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	20
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



ALEKSEY REZNIK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8180
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 7/20/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/21/98
 SAMPLE FIELD ID: CNH-69-03 LAB ID: 810516
 SAMPLE INFO: _____ DATE ANALYZED: 7/21/98

SAMPLE DESCRIPTION

LAYERED: YES	NO. OF LAYERS: * 2	LAYER NO: 1+2
APPEARANCE: 1. GRAY SOFT FIBROUS TO GRANULAR TO POWDERY WITH PAINT; 2. BROWN MASTIC		

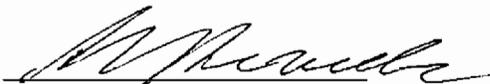
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	25	VERMICULITE/MICA		BITUMEN/TAR	
AMOSITE		GLASS FIBERS	25	PERLITE	20	SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	20
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL		CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	10

COMMENTS:

SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 7/21/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY. * NO OF LAYERS - INDICATES NUMBER OF SUBSAMPLES ANALYZED AND REPORTS ISSUED (UNLESS COMPOSITED).

ANALYST



ALEKSEY REZNIK

**POLARIZED LIGHT MICROSCOPY (PLM)
 BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-70-01 LAB ID: 806759
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, CANVAS, AND PAINT		

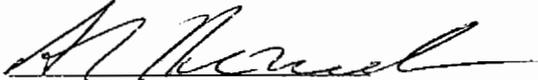
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	40
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	20

COMMENTS:

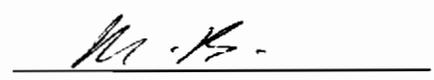
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-70-02 LAB ID: 806760
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO		
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, CANVAS, AND PAINT		

RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYSTOLE		CELLULOSE	20	VERMICULITE/MICA		BITUMEN/TAR	40
AMOSITE		GLASS FIBERS	5	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	15	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	20

COMMENTS:

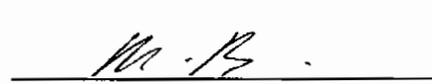
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

**C A P E
ENVIRONMENTAL
MANAGEMENT
I N C**

2302 PARKLAKE DRIVE, SUITE 200, ATLANTA, GA 30345

TEL: (770) 908-7200 FAX: (770) 908-7219

NVLAP ACCREDITED
LAB CODE - 102111

**POLARIZED LIGHT MICROSCOPY (PLM)
BULK SAMPLE ANALYSIS REPORT**

CLIENT NAME: NAVY SOUTH DIVISION LAB JOB NO: B8124
 PROJECT NAME: CHARLESTON NAVAL HOSPITAL DATE RECEIVED: 5/15/98
 PROJECT NO: 1501A.071.000 REPORT ISSUED: 7/20/98
 SAMPLE FIELD ID: CNH-70-03 LAB ID: 806761
 SAMPLE INFO: _____ DATE ANALYZED: 5/15/98

SAMPLE DESCRIPTION

LAYERED: NO	
APPEARANCE: BLACK MASTIC, PAPER, ALUMINUM FOIL, CANVAS, AND PAINT	

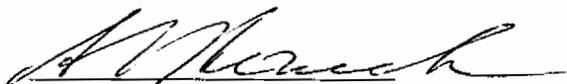
RESULT OF ANALYSIS IN VOLUME PERCENTAGE (BY VISUAL ESTIMATE)

ASBESTOS FIBERS		NONASBESTOS FIBERS		NONFIBROUS COMPONENTS		OTHER COMPONENTS	
CHRYBOTILE		CELLULOSE	10	VERMICULITE/MICA		BITUMEN/TAR	50
AMOSITE		GLASS FIBERS	3	PERLITE		SAND/AGGR.	
CROCIDOLITE		SYNTHETICS		EXPANDED GLASS		GLUE/CAULK	
TREMOLITE		WOLLASTONITE		SYNTHETIC FOAM		VINYL	
ACTINOLITE		TALC		ALUMINUM/METAL	10	CORK	
ANTHOPHYLLITE				FOAM RUBBER		LATEX/RUBBER	
						BINDERS/PAINT	27

COMMENTS:

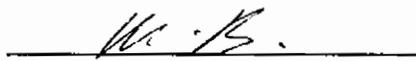
SAMPLE WAS ANALYZED BY PLM USING DISPERSION STAINING TECHNIQUES IN ACCORDANCE WITH U.S. EPA METHOD 40CFR Ch. I (7-1-92) PT. 763, SUBPT. F, APP. A. LAST CALIBRATION OF EQUIPMENT WAS PERFORMED ON: 5/15/98 FOR ALL HETEROGENEOUS AND LAYERED SAMPLES EASILY SEPARATED INTO SUBLAYERS, EACH LAYER IS ANALYZED SEPARATELY.

ANALYST



ALEKSEY REZNIK

QUALITY CONTROL



MICHAEL BLACK

PLM IS NOT CONSISTENTLY RELIABLE IN DETECTING SMALL CONCENTRATION OF ASBESTOS IN FLOOR TILES AND SIMILAR NONFRIABLE MATERIALS. QUANTITATIVE TEM IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO GET THE CONCLUSIVE ASBESTOS CONTENT. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND NOT WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT SHALL NOT BE USED TO CLAIM ENDORSEMENT BY NVLAP OR ANY AGENCY OF U.S. GOVERNMENT.

Chain of Custody

CAPE ENVIRONMENTAL MANAGEMENT INC

2302 Parklake Drive, Suite 200, Atlanta, GA 30345

770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL Mgmt Inc	
CLIENT NAME: South Div	PROJECT MANAGER: Scott Byrd
JOB NAME: Charleston Naval Hospital	JOB NUMBER: 1501A.071.000
ANALYSIS REQUESTED: PLM <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>	
TURNAROUND TIME REQUESTED: SAME DAY <input checked="" type="checkbox"/> NEXT DAY <input type="checkbox"/> 3 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/>	
SPECIAL INSTRUCTIONS: ANALYZE ALL <input checked="" type="checkbox"/> STOP POSITIVE <input type="checkbox"/>	

SAMPLE ID	SAMPLE DESCRIPTION/LOCATION
1 CNH - 1-01	WHITE MASTIC ON DUCT
2 ↓ 1-02	↓
3 ↓ 1-03	↓
4 CNH - 2-01	RED MASTIC ON METAL DUCT
5 ↓ 2-02	↓
6 ↓ 2-03	↓
7 CNH - 3-01	BLACK MASTIC ON DUCT
8 3-02	↓
9 3-03	↓
10 CNH - 4-01	BLACK MASTIC ON PIPE
11 ↓ 4-02	↓
12 ↓ 4-03	↓
13 CNH - 5-01	CAPPING ON STEAM
14 5-02	↓
15 5-03	↓
16 CNH - 6-01	PFI ON STEAM
17 6-02	↓
18 6-03	↓
19	
20	

RELINQUISHED BY: Scott Byrd	RECEIVED BY: [Signature]
DATE: 5/15/98 TIME: 9:00 A.M.	DATE: 5/15/98 TIME: 9:30
RELINQUISHED BY:	RECEIVED BY:
DATE: TIME:	DATE: TIME:
RELINQUISHED BY:	RECEIVED BY:
DATE: TIME:	DATE: TIME:

CAPE

PROJECT CHANGES REQUEST

DATE: 6/4/98

CAPE JOB #: 1501a.071.000

LAB JOB #: B8124

CHANGES REQUESTED:

PLEASE CHANGE THE FOLLOWING LAB ID'S:

CNH-1-01 → CNH-60-02
1-02 60-03
1-03 60-04

CNH 2-01 → CNH-58-02
2-02 58-03
2-03 58-04

CNH- 3-01 → CNH-55-20
3-02 55-21
3-03 55-22

CNH- 4-01 → CNH-56-03
4-02 56-04
4-03 56-05

CNH- 5-01 → CNH-66-03
5-02 66-04
5-03 66-05

CNH- 6-01 → CNH-57-08
6-02 57-09
6-03 57-10

REQUEST SUBMITTED BY:

MQ Spallone

CHANGES AUTHORIZED (PM):

Scott By

CHANGES AUTHORIZED (LAB):

A. Merand

COMMENTS:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL			
CLIENT NAME: SOUTH DIV		PROJECT MANAGER: SCOTT BRYANT	
CEMI JOB NAME: CHARLESTON NAVAL HOSPITAL		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>	2-5 days	
REQUESTED:	RUSH <input type="checkbox"/>	24 hours;	Same day
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-10-01	16	
2	CNH-10-02	17	
3	CNH-11-01	18	
4	CNH-12-01	19	
5	CNH-12-02	20	
6		21	
7		22	
8		23	
9		24	
10		25	
11		26	
12		27	
13		28	
14		29	
15		30	
RELINQUISHED BY: <i>MJ G...</i>		RECEIVED BY: <i>JM Bl...</i>	
DATE: 5/18/98	TIME: 9:00AM	DATE: 5/18/98	TIME: 0930
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE

PROJECT CHANGES REQUEST

DATE: 6/4/98

CAPE JOB #: 1501a.071.000

LAB JOB #: B8125

CHANGES REQUESTED:

PLEASE CHANGE THE FOLLOWING SAMPLE IDs:

CNH-10-01 → CNH-57-06

CNH-10-02 → CNH-57-07

CNH-11-01 → CNH-58-01

CNH-12-01 → CNH-61-01

CNH-12-02 → CNH-61-02

REQUEST SUBMITTED BY:

MJ Spadbury

CHANGES AUTHORIZED (PM):

CHANGES AUTHORIZED (LAB):

A. Merish

COMMENTS:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME REQUESTED:	ROUTINE <input checked="" type="checkbox"/>	RUSH <input type="checkbox"/>	
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-1-01	21	CNH-4-02
2	CNH-1-02	22	CNH-4-03
3	CNH-1-03	23	CNH-5-01
4	CNH-2-01	24	CNH-5-02
5	CNH-2-02	25	CNH-5-03
6	CNH-2-03	26	CNH-6-01
7	CNH-3-01	27	CNH-6-02
8	CNH-3-02	28	CNH-6-03
9	CNH-3-03	29	CNH-7-01
10	CNH-3-04	30	CNH-7-02
11	CNH-3-05	31	CNH-7-03
12	CNH-3-06	32	CNH-8-01
13	CNH-3-07	33	CNH-8-02
14	CNH-3-08	34	CNH-8-03
15	CNH-3-09	35	CNH-8-04
16	CNH-3-10	36	CNH-8-05
17	CNH-3-11	37	CNH-8-06
18	CNH-3-12	38	CNH-8-07
19	CNH-3-13	39	CNH-8-08
20	CNH-4-01	40	CNH-8-09
RELINQUISHED BY: <i>MO [Signature]</i>		RECEIVED BY: <i>M. Black</i>	
DATE: 6/2/98 TIME: 2:30 pm		DATE: 6/2/98 TIME: 1500	
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-8-10	21	CNH-14-03
2	CNH-8-11	22	CNH-15-01
3	CNH-8-12	23	CNH-15-02
4	CNH-9-01	24	CNH-15-03
5	CNH-9-02	25	CNH-16-01
6	CNH-9-03	26	CNH-16-02
7	CNH-10-01	27	CNH-16-03
8	CNH-10-02	28	CNH-17-01
9	CNH-10-03	29	CNH-17-02
10	CNH-11-01	30	CNH-17-03
11	CNH-11-02	31	CNH-18-01
12	CNH-11-03	32	CNH-18-02
13	CNH-12-01	33	CNH-18-03
14	CNH-12-02	34	CNH-19-01
15	CNH-12-03	35	CNH-19-02
16	CNH-13-01	36	CNH-19-03
17	CNH-13-02	37	CNH-20-01
18	CNH-13-03	38	CNH-20-02
19	CNH-14-01	39	CNH-20-03
20	CNH-14-02	40	CNH-21-01
RELINQUISHED BY: <i>MJ Spalding</i>		RECEIVED BY: <i>M. Blal</i>	
DATE: 6/2/98	TIME: 2:30 PM	DATE: 6/2/98	TIME: 1500
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-21-02	21	CNH-24-03
2	CNH-21-03	22	CNH-25-01
3	CNH-22-01	23	CNH-25-02
4	CNH-22-02	24	CNH-25-03
5	CNH-22-03	25	CNH-26-01
6	CNH-23-01	26	CNH-26-02
7	CNH-23-02	27	CNH-26-03
8	CNH-23-03	28	CNH-27-01
9	CNH-23-04	29	CNH-27-02
10	CNH-23-05	30	CNH-27-03
11	CNH-23-06	31	CNH-28-01
12	CNH-23-07	32	CNH-28-02
13	CNH-23-08	33	CNH-28-03
14	CNH-23-09	34	CNH-29-01
15	CNH-23-10	35	CNH-29-02
16	CNH-23-11	36	CNH-29-03
17	CNH-23-12	37	CNH-30-01
18	CNH-23-13	38	CNH-30-02
19	CNH-24-01	39	CNH-30-03
20	CNH-24-02	40	CNH-31-01
RELINQUISHED BY: <i>M.D. Spadlin</i>		RECEIVED BY: <i>M. Bl...</i>	
DATE: 6/2/08	TIME: 2:30 PM	DATE: 6/2/08	TIME: 1500
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-31-02	21	CNH-34-12
2	CNH-31-03	22	CNH-34-13
3	CNH-31-04	23	CNH-34-14
4	CNH-32-01	24	CNH-34-15
5	CNH-32-02	25	CNH-34-16
6	CNH-32-03	26	CNH-34-17
7	CNH-33-01	27	CNH-34-18
8	CNH-33-02	28	CNH-34-19
9	CNH-33-03	29	CNH-34-20
10	CNH-34-01	30	CNH-34-21
11	CNH-34-02	31	CNH-34-22
12	CNH-34-03	32	CNH-35-01
13	CNH-34-04	33	CNH-35-02
14	CNH-34-05	34	CNH-35-03
15	CNH-34-06	35	CNH-35-04
16	CNH-34-07	36	CNH-35-05
17	CNH-34-08	37	CNH-35-06
18	CNH-34-09	38	CNH-35-07
19	CNH-34-10	39	CNH-35-08
20	CNH-34-11	40	CNH-35-09
RELINQUISHED BY: <i>MJ Spadling</i>		RECEIVED BY: <i>M. Blat</i>	
DATE: 6/2/98	TIME: 2:30 pm	DATE: 6/2/98	TIME: 1500
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-35-10	21	CNH-40-03
2	CNH-35-11	22	CNH-40-04
3	CNH-35-12	23	CNH-40-05
4	CNH-35-13	24	CNH-40-06
5	CNH-36-01	25	CNH-41-01
6	CNH-36-02	26	CNH-41-02
7	CNH-36-03	27	CNH-41-03
8	CNH-36-04	28	CNH-41-04
9	CNH-36-05	29	CNH-41-05
10	CNH-37-01	30	CNH-41-06
11	CNH-37-02	31	CNH-42-01
12	CNH-37-03	32	CNH-42-02
13	CNH-38-01	33	CNH-42-03
14	CNH-38-02	34	CNH-44-01
15	CNH-38-03	35	CNH-44-02
16	CNH-39-01	36	CNH-44-03
17	CNH-39-02	37	CNH-45-01
18	CNH-39-03	38	CNH-45-02
19	CNH-40-01	39	CNH-45-03
20	CNH-40-02	40	CNH-46-01
RELINQUISHED BY: <i>M. Spadon</i>		RECEIVED BY: <i>M. Blair</i>	
DATE: 6/2/98	TIME: 2:30 pm	DATE: 6/2/98	TIME: 1300
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>	OTHER:	
SAMPLE ID		SAMPLE ID	
1	CNH-46-02	21	CNH-51-06
2	CNH-46-03	22	CNH-51-07
3	CNH-47-01	23	CNH-51-08
4	CNH-47-02	24	CNH-51-09
5	CNH-47-03	25	CNH-51-10
6	CNH-47-04	26	CNH-51-11
7	CNH-48-01	27	CNH-51-12
8	CNH-48-02	28	CNH-51-13
9	CNH-48-03	29	CNH-51-14
10	CNH-49-01	30	CNH-51-15
11	CNH-49-02	31	CNH-51-16
12	CNH-49-03	32	CNH-51-17
13	CNH-50-01	33	CNH-51-18
14	CNH-50-02	34	CNH-51-19
15	CNH-50-03	35	CNH-51-20
16	CNH-51-01	36	CNH-52-01
17	CNH-51-02	37	CNH-52-02
18	CNH-51-03	38	CNH-52-03
19	CNH-51-04	39	CNH-52-04
20	CNH-51-05	40	CNH-52-05
RELINQUISHED BY:	<i>MO Spalding</i>		RECEIVED BY:
DATE: 6/2/98	TIME: 2:30pm	DATE: 6/2/98	TIME: 1500
RELINQUISHED BY:			RECEIVED BY:
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:			RECEIVED BY:
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME REQUESTED:	ROUTINE <input checked="" type="checkbox"/>	RUSH <input type="checkbox"/>	
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-52-06	21	CNH-52-26
2	CNH-52-07	22	CNH-52-27
3	CNH-52-08	23	CNH-52-28
4	CNH-52-09	24	CNH-52-29
5	CNH-52-10	25	CNH-52-30
6	CNH-52-11	26	CNH-52-31
7	CNH-52-12	27	CNH-52-32
8	CNH-52-13	28	CNH-52-33
9	CNH-52-14	29	CNH-52-34
10	CNH-52-15	30	CNH-53-01
11	CNH-52-16	31	CNH-53-02
12	CNH-52-17	32	CNH-53-03
13	CNH-52-18	33	CNH-54-01
14	CNH-52-19	34	CNH-54-02
15	CNH-52-20	35	CNH-54-03
16	CNH-52-21	36	CNH-55-01
17	CNH-52-22	37	CNH-55-02
18	CNH-52-23	38	CNH-55-03
19	CNH-52-24	39	CNH-55-04
20	CNH-52-25	40	CNH-55-05
RELINQUISHED BY: <i>MO G...</i>		RECEIVED BY: <i>M. B...</i>	
DATE: 6/2/98	TIME: 2:30pm	DATE: 6/2/98	TIME: 1500
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME REQUESTED:	ROUTINE <input checked="" type="checkbox"/>	RUSH <input type="checkbox"/>	
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:

SAMPLE ID		SAMPLE ID	
1	CNH-55-06	21	CNH-57-05
2	CNH-55-07	22	CNH-59-01
3	CNH-55-08	23	CNH-59-02
4	CNH-55-09	24	CNH-59-03
5	CNH-55-10	25	CNH-59-04
6	CNH-55-11	26	CNH-59-05
7	CNH-55-12	27	CNH-59-06
8	CNH-55-13	28	CNH-59-07
9	CNH-55-14	29	CNH-59-08
10	CNH-55-15	30	CNH-59-09
11	CNH-55-16	31	CNH-59-10
12	CNH-55-17	32	CNH-59-11
13	CNH-55-18	33	CNH-59-12
14	CNH-55-19	34	CNH-59-13
15	CNH-56-01	35	CNH-59-14
16	CNH-56-02	36	CNH-59-15
17	CNH-57-01	37	CNH-59-16
18	CNH-57-02	38	CNH-59-17
19	CNH-57-03	39	CNH-60-01
20	CNH-57-04	40	CNH-62-01

RELINQUISHED BY: <i>MOS</i>	RECEIVED BY: <i>M. Blair</i>
DATE: 6/2/98 TIME: 2:30pm	DATE: 6/2/98 TIME: 500
RELINQUISHED BY:	RECEIVED BY:
DATE: TIME:	DATE: TIME:
RELINQUISHED BY:	RECEIVED BY:
DATE: TIME:	DATE: TIME:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

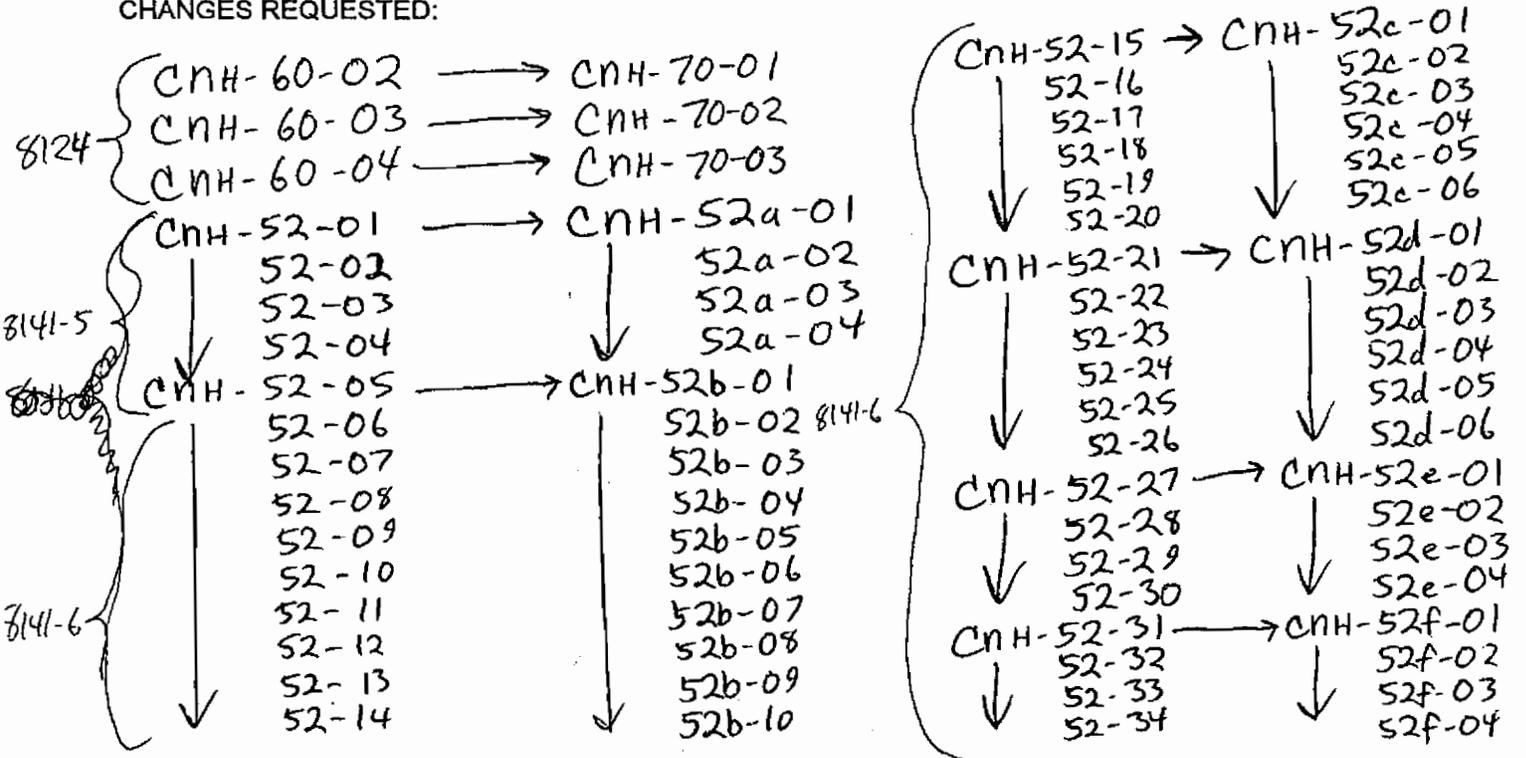
LABORATORY NAME: CAPE ENVIRONMENTAL MANAGMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>	OTHER:	
SAMPLE ID		SAMPLE ID	
1	CNH-62-02	21	
2	CNH-62-03	22	
3	CNH-63-01	23	
4	CNH-63-02	24	
5	CNH-63-03	25	
6	CNH-64-01	26	
7	CNH-64-02	27	
8	CNH-64-03	28	
9	CNH-65-01	29	
10	CNH-65-02	30	
11	CNH-65-03	31	
12	CNH-66-01	32	
13	CNH-66-02	33	
14	CNH-67-01	34	
15	CNH-67-02	35	
16	CNH-67-03	36	
17		37	
18		38	
19		39	
20		40	
RELINQUISHED BY: <i>MJ Spadling</i>		RECEIVED BY: <i>[Signature]</i>	
DATE: 6/2/98	TIME: 2:30 pm	DATE: 6/2/98	TIME: 1500
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

CAPE

PROJECT CHANGES REQUEST

DATE: 7/20/98
CAPE JOB #: 1501a 071.000
LAB JOB #: B8124, 8141-5, 8141-6

CHANGES REQUESTED:



REQUEST SUBMITTED BY: *MJ Sp... [Signature]*
CHANGES AUTHORIZED (PM): *[Signature]*
CHANGES AUTHORIZED (LAB): *[Signature]*

COMMENTS:

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: CAPE ENVIRONMENTAL MANAGEMENT INC			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital			CEMI JOB NUMBER: 1501a.071.000
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME REQUESTED:	ROUTINE <input checked="" type="checkbox"/>	RUSH <input type="checkbox"/>	
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input checked="" type="checkbox"/>		OTHER:
SAMPLE ID		SAMPLE ID	
1	CNH-61-03	21	
2	CNH-68-01	22	
3	CNH-68-02	23	
4	CNH-68-03	24	
5	CNH-69-01	25	
6	CNH-69-02	26	
7	CNH-69-03	27	
8		28	
9		29	
10		30	
11		31	
12		32	
13		33	
14		34	
15		35	
16		36	
17		37	
18		38	
19		39	
20		40	
RELINQUISHED BY: <i>MJ Spad...</i>		RECEIVED BY: <i>[Signature]</i>	
DATE: 7/20/98 TIME: 10:00 am		DATE: 7/20/98 TIME:	
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:

**Quality Control
Bulk Sample
Laboratory Analysis Reports**

**MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS**

Proj#-Spl# M19672-028P Analyst Derrill Duncan Date 7/23/98
 ClientName Cape Environmental Management ClientSpl QC-CNH-55-01
 Location _____
 Type_Mat _____

Gross Black tar on foil on brown ribbony fiber felt on glassy yellow wool
 Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>Wavy</u>	_____	_____
Pleochroism	<u>None</u>	_____	_____
Refract Index	<u>1.595/1.555</u>	_____	_____
Sign	<u>+</u>	_____	_____
Extinction	<u>Parallel</u>	_____	_____
Birefringence	<u>Low</u>	_____	_____
Melt	<u>No</u>	_____	_____
Fiber Name	<u>Chrysotile</u>	_____	_____

ASBESTOS MINERALS

EST. VOL. %

Chrysotile.....	<u>Trace</u>
Amosite.....	_____
Crocidolite.....	_____
Tremolite/Actinolite.....	_____
Anthophyllite.....	_____

OTHER FIBROUS COMPONENTS

Cellulose	<u>0.25</u>
_____	_____
_____	_____
_____	_____

NON FIBROUS COMPONENTS

_____	_____
_____	_____
_____	_____
Non-fibrous	<u>99.75</u>

Binder Description _____

Comments Point count analysis. No asbestos points counted in 400 points observed. Chrysotile asbestos observed in sample. Regulations require asbestos observed but not falling under any points be reported as "trace".

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl# M19672-032 Analyst Paul Hess Date 6/4/98
 ClientName Cape Environmental Management ClientSpl QC-CNH-62-01
 Location _____
 Type_Mat _____
 Gross Pink micaceous compound
 Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	Wavy		
Pleochroism	None		
Refract Index	1.555/1.545		
Sign	+		
Extinction	Parallel		
Birefringence	Low		
Melt	No		
Fiber Name	Chrysotile		

ASBESTOS MINERALS

EST. VOL. %

Chrysotile.....	18
Amosite.....	
Crocidolite.....	
Tremolite/Actinolite.....	
Anthophyllite.....	

OTHER FIBROUS COMPONENTS

Cellulose	Trace

NON FIBROUS COMPONENTS

Mica	X
Mineral grains	X
Binder	X

Binder Description _____

Comments X = Materials detected.

**MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS**

Proj#-Spl# M19672-033 Analyst Paul Hess Date 6/4/98
 ClientName Cape Environmental Management ClientSpl QC-CNH-63-01
 Location _____
 Type_Mat _____
 Gross Black tarry layer
 Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>Wavy</u>	_____	_____
Pleochroism	<u>None</u>	_____	_____
Refract Index	<u>1.555/1.545</u>	_____	_____
Sign	<u>+</u>	_____	_____
Extinction	<u>Parallel</u>	_____	_____
Birefringence	<u>Low</u>	_____	_____
Melt	<u>No</u>	_____	_____
Fiber Name	<u>Chrysotile</u>	_____	_____

ASBESTOS MINERALS

EST. VOL. %

Chrysotile.....	<u>20</u>
Amosite.....	_____
Crocidolite.....	_____
Tremolite/Actinolite.....	_____
Anthophyllite.....	_____

OTHER FIBROUS COMPONENTS

Cellulose	<u>Trace</u>
Talc	<u>12</u>
_____	_____
_____	_____

NON FIBROUS COMPONENTS

Mica	<u>X</u>
Mineral grains	<u>X</u>
Binder	<u>X</u>
_____	_____
_____	_____

Binder Description Bitumen

Comments X = Materials detected.

**MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS**

Proj#-Spl# M19672-034 Analyst Paul Hess Date 6/4/98
 ClientName Cape Environmental Management ClientSpl QC-CNH-66-01
 Location _____
 Type_Mat _____

Gross light gray fine grained compound with imbedded straight glassy fibers and dark irregular glassy fibers
 Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology			
Pleochroism			
Refract Index			
Sign			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile.....	
Amosite.....	
Crocidolite.....	
Tremolite/Actinolite.....	
Anthophyllite.....	

OTHER FIBROUS COMPONENTS

Mineral/Rock wool	35
Fibrous glass	4
Cellulose	1

NON FIBROUS COMPONENTS

Mineral grains	X
Diatoms	X
Binder	X

Binder Description _____

Comments X = Materials detected.

**Quality Control
Chain of Custody**

CAPE ENVIRONMENTAL MANAGEMENT INC
 2302 Parklake Drive, Suite 200, Atlanta, GA 30345
 770/908-7200 Fax 770/908-7219

CHAIN OF CUSTODY FORM

LABORATORY NAME: MAS			
CLIENT NAME: SouthDiv		PROJECT MANAGER: Scott Bryant	
CEMI JOB NAME: Charleston Naval Hospital		CEMI JOB NUMBER: 1501a.071.000	
ANALYSIS REQUESTED:	PLM <input checked="" type="checkbox"/>	PCM <input type="checkbox"/>	OTHER:
TURNAROUND TIME	ROUTINE <input checked="" type="checkbox"/>		
REQUESTED:	RUSH <input type="checkbox"/>		
SPECIAL INSTRUCTIONS:	ANALYZE UNTIL POSITIVE <input type="checkbox"/>	OTHER:	
SAMPLE ID		SAMPLE ID	
1	QC-CNH-1-01	21	QC-CNH-46-01
2	QC-CNH-2-01	22	QC-CNH-47-01
3	QC-CNH-3-01	23	QC-CNH-49-01
4	QC-CNH-5-01	24	QC-CNH-50-01
5	QC-CNH-7-01	25	QC-CNH-51-01
6	QC-CNH-8-01	26	QC-CNH-52-01
7	QC-CNH-11-01	27	QC-CNH-53-01
8	QC-CNH-14-01	28	QC-CNH-55-01
9	QC-CNH-16-01	29	QC-CNH-56-01
10	QC-CNH-18-01	30	QC-CNH-59-01
11	QC-CNH-20-01	31	QC-CNH-60-01
12	QC-CNH-22-01	32	QC-CNH-62-01
13	QC-CNH-23-01	33	QC-CNH-63-01
14	QC-CNH-26-01	34	QC-CNH-66-01
15	QC-CNH-28-01	35	QC-CNH-67-01
16	QC-CNH-35-01	36	
17	QC-CNH-38-01	37	
18	QC-CNH-41-01	38	
19	QC-CNH-44-01	39	
20	QC-CNH-45-01	40	
RELINQUISHED BY: <i>MO Spalding</i>		RECEIVED BY: <i>dmanalero</i>	
DATE: <i>6/2/98</i>	TIME: <i>3:00 pm</i>	DATE: <i>6/3/98</i>	TIME: <i>(TIME)</i>
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME:
RELINQUISHED BY:		RECEIVED BY:	
DATE:	TIME:	DATE:	TIME: