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TECHNICAL REPORT

Project No. **A09151**

Date: **2-Jun-09**

To: **J. Poston**

From: **J. Pier**

Analyst(s): **C. Fleming, J. Sulik, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES
JANUARY, 2009**

Request: Three samples, representing products of ore milled at Houston were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."



A09151 TEM Analysis Results

Table 1. Result Summary

			AMPHIBOLE			CHRYBOTILE		
Sample Description		Sample No.	Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	January 2009	A09151-2	0	0	BDL	0	0	BDL
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

A09151 TEM Analysis Parameters

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	January 2009	A09151-2	0.2457	0.2	10	47.3	0.020	0.13	0.013	0.09
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09153**

Date: **2-Jun-09**

To: **J. Poston**

From: **J. Pier**

Analyst(s): **C. Fleming, J. Sulik, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES
FEBRUARY, 2009**

Request: Three samples, representing products of ore milled at Houston were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09153 TEM Analysis Results

Table 1. Result Summary

			AMPHIBOLE			CHRYSTILE		
Sample Description		Sample No.	Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	February 2009	A09153-2	0	0	BDL	0	0	BDL
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

A09153 TEM Analysis Parameters

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSOTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	February 2009	A09153-2	0.2650	0.2	10	51.0	0.018	0.12	0.012	0.08
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09173**

Date: **30-Jul-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, J. Sulik, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES**
MARCH 2009

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09173 TEM Analysis Results

Table 1. Result Summary

Sample Description			AMPHIBOLE			CHRYSTILE		
			Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	March 2009	A09173-2	0	0	BDL	0	0	BDL
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

A09173 TEM Analysis Parameters

Table 2. Analysis parameters

							AMPHIBOLE		CHRYBOTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	March 2009	A09173-2	0.2120	0.2	10	40.8	0.023	0.15	0.015	0.10
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09219**

Date: **27-Jul-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, J. Sulik, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES**
APRIL 2009

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09219 TEM Analysis Results

Table 1. Result Summary

			AMPHIBOLE			CHRYSTILE		
Sample Description		Sample No.	Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
[REDACTED]		[REDACTED]	■	■	[REDACTED]	■	■	[REDACTED]
Grade 25 USP Composite	April 2009	A09219-2	0	0	BDL	0	0	BDL
[REDACTED]		[REDACTED]	■	■	[REDACTED]	■	■	[REDACTED]

BDL = Below detection limit, as defined by ASTM D 6620

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	April 2009	A09219-2	0.2547	0.2	10	49.0	0.019	0.13	0.013	0.08
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09274**

Date: **14-Aug-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES
MAY 2009**

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09274 TEM Analysis Results

Table 1. Result Summary

			AMPHIBOLE			CHRYSTILE		
Sample Description		Sample No.	Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	May 2009	A09274-3	0	0	BDL	0	0	BDL

BDL = Below detection limit, as defined by ASTM D 6620

Table 2. Analysis parameters

							AMPHIBOLE		CHRYBOTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	May 2009	A09274-3	0.2641	0.2	10	50.9	0.018	0.12	0.012	0.08

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09308**

Date: **19-Aug-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, J. Sulik, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES**
JUNE 2009

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09308 TEM Analysis Results

Table 1. Result Summary

Sample Description			AMPHIBOLE			CHRYBOTILE		
			Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	June 2009	A09308-2	0	0	BDL	0	0	BDL
██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

A09308 TEM Analysis Parameters

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	June 2009	A09308-2	0.2597	0.2	10	50.0	0.019	0.12	0.013	0.08
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09370**

Date: **31-Aug-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, J. Sulik, A. Zamurs**

Copy: **J. Kopp, R. Sorenson, A. Russell, S. Sharma, G. Hunter**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES**
JULY 2009

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09370 TEM Analysis Results

Table 1. Result Summary

			AMPHIBOLE			CHRYSTILE		
Sample Description		Sample No.	Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	July 2009	A09370-2	0	0	BDL	0	0	BDL
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

A09370 TEM Analysis Parameters

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	July 2009	A09370-2	0.2315	0.2	10	44.6	0.021	0.14	0.014	0.09
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09425**

Date: **13-Dec-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, J. Sulik**

Copy: **A. Russell, S. Sharma**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES**
AUGUST 2009

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09425 TEM Analysis Results

Table 1. Result Summary

Sample Description			AMPHIBOLE			CHRYSTILE		
			Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	August 2009	A09425-2	0	0	BDL	0	0	BDL
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	August 2009	A09425-2	0.2800	0.2	10	53.9	0.017	0.11	0.012	0.08
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.



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TECHNICAL REPORT

Project No. **A09471**

Date: **13-Dec-09**

To: **J. Poston**

From:

Analyst(s): **C. Fleming, J. Sulik**

Copy: **A. Russell, S. Sharma**

Title: **TEM ASBESTOS ANALYSIS OF HOUSTON PRODUCT SAMPLES
SEPTEMBER 2009**

Request: Three samples, representing products of ore milled at Houston, were submitted to the Technical Center for asbestos analysis by transmission electron microscopy (TEM). This analysis is in partial fulfillment of RTM's Fiber Management Framework Program.

Results: The attached TEM results were obtained using the current ASTM draft method "Standard test method for indirect analysis of talc by transmission electron microscopy for asbestos mass concentration." This method is currently being developed by ASTM committee D22.07 (Sampling and Analysis of Asbestos) and is a modification of ASTM method D 5756 "Standard test method for microvacuum sampling and indirect analysis of dust by transmission electron microscopy for asbestos mass surface loading." The modification is to adapt existing methodology to the specific analysis of talc products and/or ore samples.

A program of laboratory "blank" analysis is in place and has been used to determine the detection limit for this analysis according to ASTM method D 6620, "Standard practice for asbestos detection limit based on counts."

A09471 TEM Analysis Results

Table 1. Result Summary

Sample Description			AMPHIBOLE			CHRYSTILE		
			Number of Structures		Fiber Concentration	Number of Structures		Asbestos Concentration
			≥5 μm	<5 μm	ppm	≥5 μm	<5 μm	ppm
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████
Grade 25 USP Composite	September 2009	A09471-2	0	0	BDL	0	0	BDL
██████████ ██████████	██████████	██████████	■	■	██████████	■	■	██████████

BDL = Below detection limit, as defined by ASTM D 6620

Table 2. Analysis parameters

							AMPHIBOLE		CHRYSTILE	
Sample Description		Sample No.	Starting Weight	Aliquot Filtered	Grid Spaces Analyzed	Total Sample Analyzed	Analytical Sensitivity*	Detection Limit	Analytical Sensitivity*	Detection Limit
			g	mL	#	ng	ppm	ppm	ppm	ppm
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Grade 25 USP Composite	September 2009	A09471-2	0.2563	0.2	10	49.4	0.019	0.13	0.013	0.08
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Analytical Sensitivity is defined by ASTM D 5756 as the detection of one structure with minimum dimensions.