

**Attachment C**  
**Core Sampling Results**

## Laboratory Report

GAF/ELK  
 1361 Alps Road  
 Wayne, NJ 07470  
 United States  
 Attention: Celeste Levine  
 Telephone: 973-628-3035

Report Date 04/14/2017  
 Sample Receipt Date 03/28/2017  
 RJ Lee Group Job No. AOH1044819-0  
 Authorization/P.O. No. CH56476  
 Client Job No./Name Northern Tract 2013 Drill Core

Analysis: Asbestos in Bulk Samples by Point Count  
 Method: EPA/600/R-93/116

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404753.HPL	SRM No. 9314	Yes	1	ND	<1 CE	100.00	OP, M	AKB-04/11/2017
Description:		Gray Granular Material No Asbestiform Minerals Detected. Limit Of Detection = 0.1%. 1000 Points Counted.						
Weight Loss: 0.0%								
10404754.HPL	SRM No. 9316	Yes	1	ND		100.00	Q, CA, AM, OP, M	EB-04/14/2017
Description:		Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss: 0.0%								
10404755.HPL	SRM No. 9301	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/13/2017
Description:		Green Powder 1000 points counted Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss: 0.0%								

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404756.HPL	SRM No. 9303	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/13/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						
10404757.HPL	SRM No. 9283	Yes	1	ND		100.00	Q, CA, AM, OP, M	JS-04/13/2017
Description:		Gray Powder 1000 Points Counted. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404758.HPL	SRM No. 9285	Yes	1	ND		100.00	Q, CA, AM, OP, M	JS-04/13/2017
Description:		Gray Powder 1000 Points Counted. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404759.HPL	SRM No. 9297	Yes	1	ND		100.00	Q, OP, M	WT-04/13/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404760.HPL	SRM No. 9202	Yes	1	ND		100.00	Q, CA, OP, M	WT-04/13/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404761.HPL	SRM No. 9204	Yes	1	ND		100.00	Q, CA, AM, OP, M	JS-04/13/2017
Description:		Gray Powder 1000 Points Counted. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404762.HPL	SRM No. 9209	Yes	1	ND		100.00	Q, CA, AM, OP, M	JS-04/13/2017
Description:		Gray Powder 1000 Points Counted. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404763.HPL	SRM No. 9279	Yes	1	ND		100.00	Q, AM, OP, M	JS-04/13/2017
Description:		Gray Powder 1000 Points Counted. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404764.HPL	SRM No. 9281	Yes	1	0.3 AC		99.70	Q, AM, OP, M	WT-04/13/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. 0.3% Actinolite Detected.						
Weight Loss:		0.0%						
10404765.HPL	SRM No. 9206	Yes	1	ND		100.00	Q, M	WT-04/13/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404766.HPL	SRM No. 9208	Yes	1	ND		100.00	Q, AM, OP, M	JS-04/13/2017
Description:		Gray Powder 1000 Points Counted. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404767.HPL	SRM No. 9212	Yes	1	ND		100.00	Q, OP, M	WT-04/13/2017
Description:		Green Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404768.HPL	SRM No. 9214	Yes	1	ND		100.00	Q, OP, M	WT-04/13/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404769.HPL	SRM No. 9216	Yes	1	ND		100.00	Q, OP, M	WT-04/12/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404770.HPL	SRM No. 9312	Yes	1	ND		100.00	Q, CA, OP, M	WT-04/12/2017
Description:		Green Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404771.HPL	SRM No. 9290	Yes	1	ND		100.00	Q, CA, AM, OP, M	EB-04/12/2017
Description:		Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404772.HPL	SRM No. 9293	Yes	1	ND		100.00	Q, CA, AM, OP, M	EB-04/12/2017
Description:		Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404773.HPL	SRM No. 9295	Yes	1	ND		100.00	Q, AM, OP, M	WT-04/12/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404774.HPL	SRM No. 9299	Yes	1	ND		100.00	Q, CA, OP, M	WT-04/12/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404775.HPL	SRM No. 9241	Yes	1	ND		100.00	Q, AM, OP, M	WT-04/12/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404776.HPL	SRM No. 9240	Yes	1	0.5 AC		99.50	Q, AM, OP, M	WT-04/12/2017
Description:		Gray Powder. 1000 Point Counted. Detection Limit=0.1%. 0.5% Actinolite Detected.						
Weight Loss:		0.0%						
10404777.HPL	SRM No. 9237	Yes	1	0.2 AC		99.80	Q, CA, AM, OP, M	JM-04/12/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. Actinolite asbestos detected at 0.2%.						
Weight Loss:		0.0%						
10404778.HPL	SRM No. 9304	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/12/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						
10404779.HPL	SRM No. 9306	Yes	1	ND		100.00	Q, CA, AM, OP, MI, M	JM-04/12/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404780.HPL	SRM No. 9218	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/12/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						
10404781.HPL	SRM No. 9220	Yes	1	ND		100.00	CA, AM, OP, M	EB-04/11/2017
Description:		Light Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404782.HPL	SRM No. 9222	Yes	1	ND		100.00	CA, AM, OP, M	EB-04/11/2017
Description:		Light Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404783.HPL	SRM No. 9264	Yes	1	ND		100.00	Q, CA, AM, OP, M	EB-04/11/2017
Description:		Light Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404784.HPL	SRM No. 9259	Yes	1	ND		100.00	CA, AM, M	EB-04/11/2017
Description:		Light Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404785.HPL	SRM No. 9260	Yes	1	ND		100.00	CA, AM, OP, M	EB-04/11/2017
Description:		Light Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404786.HPL	SRM No. 9225	Yes	1	ND		100.00	CA, AM, OP, M	EB-04/11/2017
Description:		Light Green Powder 1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404787.HPL	SRM No. 9227	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/11/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						
10404788.HPL	SRM No. 9229	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/11/2017
Description:		Gray Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						
10404789.HPL	SRM No. 9308	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/11/2017
Description:		Gray Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						
10404790.HPL	SRM No. 9310	Yes	1	ND		100.00	Q, AM, OP, M	WT-04/11/2017
Description:		Green Powder. 1000 Point Counted. Detection Limit=0.1%. No Asbestiform Minerals Detected.						
Weight Loss:		0.0%						
10404791.HPL	SRM No. 9287	Yes	1	ND		100.00	Q, CA, AM, OP, M	JM-04/11/2017
Description:		Green Powder 1000 points counted. Detection limit of 0.1%. No asbestiform minerals detected.						
Weight Loss:		0.0%						



Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
10404792.HPL	SRM No. 9289	Yes	1	ND		100.00	CA, AM, OP, M	EB-04/11/2017

Description: Green Powder  
1000 Point Count. Detection Limit of 0.1%. No Asbestiform Minerals Detected.

Weight Loss: 0.0%

Client Job No./Name: Northern Tract 2013 Drill Core

RJ Lee Group Job No: AOH1044819-0

RJLG Sample Number	Client Sample Number	Homogeneous	# of Layers	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst - Analysis Date
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Authorized Signature: \_\_\_\_\_

Elizabeth Brown

**ASBESTOS**

- AM = Amosite
- AC = Actinolite
- AN = Anthophyllite
- CH = Chrysotile
- CR = Crocidolite
- TR = Tremolite

**NON-ASBESTOS**

- CE = Cellulose
- MW = Mineral Wool
- FG = Fibrous Glass
- SF = Synthetic Fibers
- H = Hair
- W = Wollastonite
- OF = Other Fibers

**NON-FIBROUS MATERIALS**

- AM = Amphibole
- B = Binder
- CA = Carbonates
- CL = Clay
- F = Feldspar
- G = Gypsum
- HY = Hydromagnesite
- M = Miscellaneous
- MI = Mica
- OP = Opaque
- OR = Organic
- P = Perlite
- Q = Quartz
- T = Tar
- V = Vermiculite

**DISCLAIMER NOTES**

- "ND" indicates no asbestos was detected; the method detection limit is 0.1%.
- "Trace" or "<" indicates asbestos was identified in the sample, but the concentration is less than the method quantitation limit. PLM coefficients of variance range from approximately 1.8 at the quantitation limit of 0.1% to 0.32 at high fiber concentrations.
- Samples are archived for three months following analysis and are then properly discarded.
- These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.
- This test report relates to the items tested.
- This report is not valid unless it bears the name of a NVLAP Lab Code 101208-0 approved signatory.
- Any reproduction of this document must be in full in order for the report to be valid.
- This report may not be used to claim product endorsement by NVLAP Lab Code 101208-0, any agency of the U.S. Government or any other laboratory accrediting agency.
- Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar nonfriable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as "non-asbestos-containing."
- Sample(s) for this project were analyzed at our: Monroeville, PA (AIHA #100364, NY ELAP #10884) facility.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratorys results are limited to the reported values.

## Revised Final Laboratory Report TEM Bulk Protocol

Attention: Celeste Levine  
GAF/ELK  
1361 Alps Road  
Wayne, NJ 07470  
US

Report Date: 04/26/2017  
Sample Receipt Date: 04/14/2017  
RJ Lee Group Job No.: AOH1044819-2  
Authorization/P.O. No.: CH56476  
Samples Received: 3  
Client Job No.: Northern Tract 2013 Drill Core

Method: ASTM D-5756 Standard Test Method, Modified

**TABLE 1 -- Weight Percent of Asbestos, Cleavage Fragment Amphibole and Non-Asbestos**

Client Sample Number	RJLG Sample Number	Total Structures				-----Weight Percent----- Total Structures Analytical Sensitivity			
		Chry	Amph	Cleavage	Non Asbestos	Chry	Amph Asb	Amph Cleavage Fragment	Non Asbestos
SRM No. 9281	10404764	0	0	32	0	<u>&lt;1.0E-6</u> 1.0E-6	<u>&lt;1.3E-6</u> 1.3E-6	<u>2.9E-1</u> 8.0E-7	<u>&lt;1.2E-7</u> 1.2E-7
SRM No. 9240	10404776	0	2	57	0	<u>&lt;2.0E-6</u> 2.0E-6	<u>1.5E-2</u> 2.5E-6	<u>6.3E-0</u> 1.6E-6	<u>&lt;2.5E-7</u> 2.5E-7

**NOTES**

- "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
- Sample(s) for this project were analyzed at our: Monroeville, PA (AIHA #100364, NVLAP #101208-0, NY ELAP #10884) facility.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
- Density of amphibole:  $3.2 \times 10^{-3}$  ng/ $\mu\text{m}^3$ , density of chrysotile:  $2.55 \times 10^{-3}$  ng/ $\mu\text{m}^3$ , density of non-asbestos:  $3.00 \times 10^{-3}$  ng/ $\mu\text{m}^3$ .
- Abbreviations: N/A-Not Applicable, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, Asb-Asbestos Amphibole, Cleavage-Cleavage Amphibole.
- Samples will be held for 90 days and then disposed of per Federal regulations.
- These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.

**DISCLAIMER**

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These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limiting provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample.

# RJ Lee Group, Inc.

RJ Lee Group Job No: AOH1044819-2  
 Client Job No/Name: Northern Tract 2013 Drill Core

# Final Laboratory Report (cont'd)

Client: GAF/ELK  
 Report Date: 04/26/2017

**TABLE 1 -- Weight Percent of Asbestos, Cleavage Fragment Amphibole and Non-Asbestos**

Client Sample Number	RJLG Sample Number	<u>Total Structures</u>				-----Weight Percent----- <u>Total Structures</u> Analytical Sensitivity			
		Chry	Amph	Cleavage	Non Asbestos	Chry	Amph Asb	Amph Cleavage Fragment	Non Asbestos
SRM No. 9237	10404777	0	1	49	0	<u>&lt;1.0E-6</u> 1.0E-6	<u>2.1E-4</u> 1.3E-6	<u>7.4E-2</u> 8.0E-7	<u>&lt;1.2E-7</u> 1.2E-7

**NOTES**

- "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
- Sample(s) for this project were analyzed at our: Monroeville, PA (AIHA #100364, NVLAP #101208-0, NY ELAP #10884) facility.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
- Density of amphibole:  $3.2 \times 10^{-3}$  ng/ $\mu\text{m}^3$ , density of chrysotile:  $2.55 \times 10^{-3}$  ng/ $\mu\text{m}^3$ , density of non-asbestos:  $3.00 \times 10^{-3}$  ng/ $\mu\text{m}^3$ .
- Abbreviations: N/A-Not Applicable, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, Asb-Asbestos Amphibole, Cleavage-Cleavage Amphibole.
- Samples will be held for 90 days and then disposed of per Federal regulations.
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**TABLE 2 -- Weight Percent of Asbestos, Cleavage Fragment Amphibole and Non-Asbestos ≥5μm**

Client Sample Number	RJLG Sample Number	-----Structures ≥5 μm-----				-----Weight Percent----- Structures ≥5 μm Analytical Sensitivity			
		Chry	Amph	Cleavage	Non-Asbestos	Amphibole			
						Chry	Asb	Cleavage Fragment	Non-Asbestos
SRM No. 9281	10404764	0	0	19	0	<u>&lt;1.0E-5</u> 1.0E-5	<u>&lt;1.3E-5</u> 1.3E-5	<u>2.6E-1</u> 8.0E-6	<u>&lt;1.2E-6</u> 1.2E-6
SRM No. 9240	10404776	0	1	13	0	<u>&lt;2.0E-5</u> 2.0E-5	<u>1.5E-2</u> 2.5E-5	<u>6.3E-0</u> 1.6E-5	<u>&lt;2.5E-6</u> 2.5E-6
SRM No. 9237	10404777	0	1	14	0	<u>&lt;1.0E-5</u> 1.0E-5	<u>2.1E-4</u> 1.3E-5	<u>5.4E-2</u> 8.0E-6	<u>&lt;1.2E-6</u> 1.2E-6

**NOTES**

1. "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
2. Sample(s) for this project were analyzed at our: Monroeville, PA (AIHA #100364, NVLAP #101208-0, NY ELAP #10884) facility.
3. If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
4. Density of amphibole: 3.2 \* 10<sup>-3</sup> ng/μm<sup>3</sup>, density of chrysotile: 2.55 \* 10<sup>-3</sup> ng/μm<sup>3</sup>, density of non-asbestos: 3.00 \* 10<sup>-3</sup> ng/μm<sup>3</sup>.
5. Abbreviations: N/A-Not Applicable, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, Asb-Asbestos Amphibole, Cleavage-Cleavage Amphibole.
6. Samples will be held for 90 days and then disposed of per Federal regulations.
7. These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.

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# RJ Lee Group, Inc.

RJ Lee Group Job No: AOH1044819-2  
Client Job No/Name: Northern Tract 2013 Drill Core

## Final Laboratory Report (cont'd)

Client: GAF/ELK  
Report Date: 04/26/2017

Client Sample Number	RJLG Sample Number	Material Used (gm)	Area Analyzed	Area Analyzed	Effective Filter	Dilution Factor
			Total (mm <sup>2</sup> )	≥5μm (mm <sup>2</sup> )	Area (mm <sup>2</sup> )	
SRM No. 9281	10404764	0.1001	0.30512	0.30512	1220	0.0100/0.0050
SRM No. 9240	10404776	0.1001	0.30512	0.30512	1220	0.0050
SRM No. 9237	10404777	0.1001	0.30512	0.30512	1220	0.0100

Authorized Signature: \_\_\_\_\_

Jon Swope



### NOTES

1. "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
2. Sample(s) for this project were analyzed at our: Monroeville, PA (AIHA #100364, NVLAP #101208-0, NY ELAP #10884) facility.
3. If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
4. Density of amphibole:  $3.2 \times 10^{-3}$  ng/μm<sup>3</sup>, density of chrysotile:  $2.55 \times 10^{-3}$  ng/μm<sup>3</sup>, density of non-asbestos:  $3.00 \times 10^{-3}$  ng/μm<sup>3</sup>.
5. Abbreviations: N/A-Not Applicable, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, Asb-Asbestos Amphibole, Cleavage-Cleavage Amphibole.
6. Samples will be held for 90 days and then disposed of per Federal regulations.
7. These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.

### DISCLAIMER

This report may not be used to claim product endorsement by NVLAP, NY ELAP, AIHA, or any other regulatory or laboratory accrediting agency. Any reproduction of this document must be in full in order for the report to be valid. This report is not valid unless it bears a RJ Lee Group approved signatory.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limiting provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample.

RJL: AOH1044819-2	10404764.HTA2	Microscope tem1200_2	Grid Openings	10
SRM No. 9281	Specialty Granules I	Magnification 20 KX	Asbestos	0.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Asbestos >= 5µm	0.0
Dil: .005	Filter Size: 47 mm	Operator: Miranda DiFonso	Nonasbestos	15.0
HQ42357		Cv = 0	Nonasbestos >= 5µm	2.0
			% Wt of largest asbestos structure	%

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
1	1	2.8	0.3	Amphibole		MgSiCaFe			X	Acti	Cle
1	2	4.32	0.84	Amphibole		MgSiCaFe	18672B	Image1	Diff1	Acti	Cle
1	3	3.3	0.4	Amphibole		MgSiCaFe			X	Acti	Cle
2	1	1.8	0.29	Amphibole		MgSiCaFe			X	Acti	Cle
2	2	3.2	0.5	Amphibole		MgSiCaFe			X	Acti	Cle
3	1	9.77	0.7	Amphibole		MgSiCaFe	18673B	Image2	Diff2	Acti	Cle
4	1	3.01	0.26	Amphibole		MgSiCaFe			X	Acti	Cle
4	2	1.15	0.2	Amphibole		MgSiCaFe			X	Acti	Cle
5	1	2.05	0.1	Amphibole		MgSiCaFe			X	Acti	Cle
6				NSD							
7	1	1.9	0.3	Amphibole		MgSiCaFe			X	Acti	Cle
8	1	2.1	0.32	Amphibole		MgSiCaFe			X	Acti	Cle
8	2	7.25	0.6	Amphibole		MgSiCaFe			X	Acti	Cle
8	3	2.79	0.34	Amphibole		MgSiCaFe			X	Acti	Cle
8	4	1.15	0.2	Amphibole		MgSiCaFe			X	Acti	Cle
9	1	1.45	0.25	Amphibole		MgSiCaFe			X	Acti	Cle
10				NSD							

8% Particulate

Abbreviations: F - Fiber, C - Cluster, B - Bundle, M - Matrix, Cle - Cleavage, Asb - Asbestiform, Bys - Byssolite

Initial Review: 4/18/2017 9:39:54 AM approve by Miranda DiFonso

Final Review: 4/25/17 1:07 PM approve by Jon Swope

RJL: AOH1044819-2	10404764.HTA1	Microscope tem2000fx1	Grid Openings	25
SRM No. 9281	Specialty Granules I	Magnification 10 KX	Asbestos	0.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Nonasbestos	17.0
Dil: .01	Filter Size: 47 mm	Operator: Miranda DiFonso	% Wt of largest asbestos structure	%
HQ42357		Cv = 0		

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
1	1	10.86	1.38	Amphibole		MgSiCaFe	17805C	Image1	Diff1	Acti	Cle
2	1	6.47	0.48	Amphibole		MgSiCaFe			X	Acti	Cle
2	2	11.55	1.33	Amphibole		MgSiCaFe			X	Acti	Cle
3	1	7.62	1.01	Amphibole		MgSiCaFe			X	Acti	Cle
3	2	8.09	0.85	Amphibole		MgSiCaFe			X	Acti	Cle
3	3	12.01	0.92	Amphibole		MgSiCaFe			X	Acti	Cle
4				NSD							
5				NSD							
6				NSD							
7				NSD							
8				NSD							
9				NSD							
10				NSD							
11	1	8.78	0.35	Amphibole		MgSiCaFe			X	Acti	Cle
12				NSD							
13				NSD							
14				NSD							
15				NSD							
16	1	11.09	1.56	Amphibole		MgSiCaFe			X	Acti	Cle
17	1	5.5	0.6	Amphibole		MgSiCaFe			X	Acti	Cle
17	2	5.2	0.47	Amphibole		MgSiCaFe	17806C	Image2	Diff2	Acti	Cle
17	3	7.85	0.7	Amphibole		MgSiCaFe			X	Acti	Cle
18				NSD							
19	1	10.2	0.48	Amphibole		MgSiCaFe			X	Acti	Cle
20				NSD							
21				NSD							
22	1	6.75	0.92	Amphibole		MgSiCaFe			X	Acti	Cle
23	1	6.95	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
24	1	7.15	0.18	Amphibole		MgSiCaFe			X	Acti	Cle
24	2	7.4	0.54	Amphibole		MgSiCaFe			X	Acti	Cle
25	1	7.3	0.3	Amphibole		MgSiCaFe			X	Acti	Cle

13% Particulate

Abbreviations: F - Fiber, C - Cluster, B - Bundle, M - Matrix, Cle - Cleavage, Asb - Asbestiform, Bys - Byssolite

Initial Review: 4/17/2017 2:45:16 PM approve by Miranda DiFonso

Final Review: 4/25/17 1:07 PM approve by Jon Swope



RJL: AOH1044819-2	10404776.HTA2	Microscope tem2000fx1	Grid Openings	10
SRM No. 9240	Specialty Granules I	Magnification 21 KX	Asbestos	0.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Asbestos >= 5µm	0.0
Dil: .005	Filter Size: 47 mm	Operator: Ashleigh Sload	Nonasbestos	48.0
HQ42357		Cv = 0	Nonasbestos >= 5µm	4.0
			% Wt of largest asbestos structure	%

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
1	1	3.79	0.24	Amphibole		MgSiCaFeAl	7809C	Image1	Diff1	Acti	Cle
1	2	1.65	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
1	3	1.74	0.17	Amphibole		MgSiCaFeAl			X	Acti	Cle
1	4	0.76	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
1	5	3.06	0.28	Amphibole		MgSiCaFeAl			X	Acti	Cle
1	6	0.94	0.18	Amphibole		MgSiCaFeAl			X	Acti	Cle
1	7	1.65	0.3	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	1	2.83	0.55	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	2	2.12	0.3	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	3	1.51	0.25	Amphibole		MgSiCaFeAl	7810C	Image2	Diff2	Acti	Cle
2	4	0.99	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	5	1.18	0.1	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	6	2.68	0.42	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	7	2.6	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	8	2.62	0.3	Amphibole		MgSiCaFeAl			X	Acti	Cle
2	9	1.38	0.23	Amphibole		MgSiCaFeAl			X	Acti	Cle
3	1	4.13	0.23	Amphibole		MgSiCaFeAl			X	Acti	Cle
3	2	1.89	0.2	Amphibole		MgSiCaFeAl			X	Acti	Cle
3	3	2.98	0.54	Amphibole		MgSiCaFeAl			X	Acti	Cle
3	4	5.9	0.35	Amphibole		MgSiCaFeAl			X	Acti	Cle
3	5	1.06	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
4	1	1.08	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
4	2	2.85	0.3	Amphibole		MgSiCaFeAl	7811C	Image3	Diff3	Acti	Cle
4	3	3.3	0.12	Amphibole		MgSiCaFeAl			X	Acti	Cle
4	4	1.65	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
4	5	0.76	0.15	Amphibole		MgSiCaFeAl			X	Acti	Cle
4	6	3.54	0.45	Amphibole		MgSiCaFeAl			X	Acti	Cle
4	7	0.76	0.14	Amphibole		MgSiCaFeAl			X	Acti	Cle
5	1	2.48	0.12	Amphibole		MgSiCaFeAl			X	Acti	Cle
5	2	22.6	0.98	Amphibole		MgSiCaFeAl			X	Acti	Cle
5	3	2.83	0.3	Amphibole		MgSiCaFeAl			X	Acti	Cle
6	1	18.94	0.27	Amphibole	B	MgSiCaFeAl	7812C	Image4 Image6	Diff4	Acti	Asb
6	2	1.65	0.2	Amphibole		MgSiCaFeAl			X	Acti	Cle
6	3	1.68	0.32	Amphibole		MgSiCaFeAl			X	Acti	Cle
6	4	1.76	0.35	Amphibole		MgSiCaFeAl			X	Acti	Cle
6	5	3.94	0.47	Amphibole		MgSiCaFeAl			X	Acti	Cle
7	1	2.83	0.52	Amphibole		MgSiCaFeAl			X	Acti	Cle
7	2	3.99	0.45	Amphibole		MgSiCaFeAl			X	Acti	Cle
7	3	3.54	0.2	Amphibole		MgSiCaFeAl			X	Acti	Cle
7	4	4.72	0.26	Amphibole		MgSiCaFeAl			X	Acti	Cle
8	1	2.48	0.14	Amphibole		MgSiCaFe	17813C	Image7	Diff5	Acti	Cle
8	2	1.12	0.2	Amphibole		MgSiCaFe			X	Acti	Cle
8	3	1.2	0.18	Amphibole		MgSiCaFe			X	Acti	Cle

RJL: AOH1044819-2	10404776.HTA2	Microscope tem2000fx1	Grid Openings	10
SRM No. 9240	Specialty Granules I	Magnification 21 KX	Asbestos	0.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Asbestos >= 5µm	0.0
Dil: .005	Filter Size: 47 mm	Operator: Ashleigh Sload	Nonasbestos	48.0
HQ42357		Cv = 0	Nonasbestos >= 5µm	4.0
			% Wt of largest asbestos structure	%

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
9	1	2.15	0.38	Amphibole		MgSiCaFe			X	Acti	Cle
9	2	4.13	0.47	Amphibole		MgSiCaFe			X	Acti	Cle
9	3	7.12	0.25	Amphibole		MgSiCaFe			X	Acti	Cle
10	1	4.25	0.8	Amphibole		MgSiCaFe			X	Acti	Cle
10	2	1.51	0.15	Amphibole		MgSiCaFe			X	Acti	Cle

8% Particulate

Abbreviations: F - Fiber, C - Cluster, B - Bundle, M - Matrix, Cle - Cleavage, Asb - Asbestiform, Bys - Byssolite

Initial Review: 4/18/2017 10:04:46 AM approve by Ashleigh Sload

Final Review: 4/25/17 1:07 PM approve by Jon Swope

RJL: AOH1044819-2	10404776.HTA2	Microscope tem2000fx1	Grid Openings	25
SRM No. 9240	Specialty Granules I	Magnification 10 KX	Asbestos	1.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Nonasbestos	9.0
Dil: .005	Filter Size: 47 mm	Operator: Ashleigh Sload	% Wt of largest asbestos structure	%
HQ42357		Cv = 0.038		

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
1	1	24.02	4.2	Amphibole		MgSiCaFe	17807C	Image1	Diff1	Acti	Cle
2				NSD							
3	1	10.62	0.92	Amphibole		MgSiCaFe			X	Acti	Cle
4				NSD							
5	1	12.01	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
6	1	7.38	0.46	Amphibole		MgSiCaFe			X	Acti	Cle
7				NSD							
8	1	9.24	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
9				NSD							
10				NSD							
11	1	5.81	0.18	Amphibole		MgSiCaFe			X	Acti	Cle
11	2	5.72	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
12				NSD							
13				NSD							
14	1	15.24	0.36	Amphibole	F	MgSiCaFeAl	17808C	Image2	Diff2	Acti	Asb
15				NSD							
16				NSD							
17				NSD							
18	1	7.85	0.45	Amphibole		MgSiCaFeAl			X	Acti	Cle
18	2	6.04	0.47	Amphibole		MgSiCaFeAl			X	Acti	Cle
19				NSD							
20				NSD							
21				NSD							
22				NSD							
23				NSD							
24				NSD							
25				NSD							

8% Particulate

Abbreviations: F - Fiber, C - Cluster, B - Bundle, M - Matrix, Cle - Cleavage, Asb - Asbestiform, Bys - Byssolite

Initial Review: 4/18/2017 8:00:47 AM approve by Ashleigh Sload

Final Review: 4/25/17 1:07 PM approve by Jon Swope

RJL: AOH1044819-2	10404777.HTA1	Microscope tem1200_2	Grid Openings	10
SRM No. 9237	Specialty Granules I	Magnification 20 KX	Asbestos	0.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Asbestos >= 5µm	0.0
Dil: .01	Filter Size: 47 mm	Operator: Miranda DiFonso	Nonasbestos	38.0
HQ42357		Cv = 0	Nonasbestos >= 5µm	3.0
			% Wt of largest asbestos structure	%

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
1	1	1.05	0.08	Amphibole		MgSiCaFe			X	Acti	Cle
1	2	1.85	0.28	Amphibole		MgSiCaFe	18676B	Image1	Diff1	Acti	Cle
1	3	1.1	0.15	Amphibole		MgSiCaFe			X	Acti	Cle
2	1	3.25	0.3	Amphibole		MgSiCaFe			X	Acti	Cle
2	2	5.8	0.18	Amphibole		MgSiCaFe	18677B	Image2	Diff2	Acti	Cle
2	3	4.32	0.17	Amphibole		MgSiCaFe			X	Acti	Cle
2	4	1.99	0.23	Amphibole		MgSiCaFe			X	Acti	Cle
2	5	4.38	0.67	Amphibole		MgSiCaFe			X	Acti	Cle
2	6	1.5	0.24	Amphibole		MgSiCaFe			X	Acti	Cle
3	1	2.25	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
3	2	2.05	0.24	Amphibole		MgSiCaFe			X	Acti	Cle
3	3	3.1	0.25	Amphibole		MgSiCaFe			X	Acti	Cle
3	4	1.9	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
3	5	2.05	0.35	Amphibole		MgSiCaFe			X	Acti	Cle
3	6	16.74	0.65	Amphibole		MgSiCaFe			X	Acti	Cle
4	1	3.35	0.26	Amphibole		MgSiCaFe			X	Acti	Cle
4	2	1.45	0.25	Amphibole		MgSiCaFe			X	Acti	Cle
4	3	1.85	0.18	Amphibole		MgSiCaFe			X	Acti	Cle
5	1	1.99	0.2	Amphibole		MgSiCaFe			X	Acti	Cle
5	2	1.9	0.25	Amphibole		MgSiCaFe			X	Acti	Cle
5	3	11.16	0.56	Amphibole		MgSiCaFe	18678B	Image3	Diff3 Diff6	Acti	Cle
5	4	3.5	0.39	Amphibole		MgSiCaFe			X	Acti	Cle
5	5	4.3	0.28	Amphibole		MgSiCaFe			X	Acti	Cle
6	1	1.04	0.2	Amphibole		MgSiCaFe			X	Acti	Cle
6	2	3.25	0.3	Amphibole		MgSiCaFe	18679B	Image4	Diff4	Acti	Cle
6	3	1	0.17	Amphibole		MgSiCaFe			X	Acti	Cle
7	1	2.85	0.25	Amphibole		MgSiCaFe			X	Acti	Cle
7	2	1.65	0.22	Amphibole		MgSiCaFe			X	Acti	Cle
7	3	2.6	0.45	Amphibole		MgSiCaFe			X	Acti	Cle
7	4	1.45	0.22	Amphibole		MgSiCaFe			X	Acti	Cle
8	1	1.43	0.28	Amphibole		MgSiCaFe			X	Acti	Cle
8	2	1.4	0.26	Amphibole		MgSiCaFe			X	Acti	Cle
9	1	2.59	0.37	Amphibole		MgSiCaFe			X	Acti	Cle
9	2	2.89	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
9	3	1.4	0.15	Amphibole		MgSiCaFe			X	Acti	Cle
9	4	2.3	0.2	Amphibole		MgSiCaFe			X	Acti	Cle
10	1	4.7	0.44	Amphibole		MgSiCaFe			X	Acti	Cle
10	2	3.6	0.65	Amphibole		MgSiCaFe			X	Acti	Cle

7% Particulate

Abbreviations: F - Fiber, C - Cluster, B - Bundle, M - Matrix, Cle - Cleavage, Asb - Asbestiform, Bys - Byssolite

Initial Review: 4/18/2017 3:16:34 PM approve by Miranda DiFonso

Final Review: 4/25/17 1:07 PM approve by Jon Swope

RJL: AOH1044819-2	10404777.HTA1	Microscope tem1200_2	Grid Openings	25
SRM No. 9237	Specialty Granules I	Magnification 10 KX	Asbestos	1.0
Wt: 0.1001 gm	Grid: 0.0087 mm <sup>2</sup>	Acc. Voltage 120 KV	Nonasbestos	11.0
Dil: .01	Filter Size: 47 mm	Operator: Miranda DiFonso	% Wt of largest asbestos structure	%
HQ42357		Cv = 0.038		

Field	Fiber	Length	Width	FiberType	Morph	EDX	File #	Photo	SAED	AmpID	C/A
1	1	9.12	0.25	Amphibole		MgSiCaFe	18674B	Image1	Diff1	Acti	Cle
2	1	6.85	0.65	Amphibole		MgSiCaFe			X	Acti	Cle
3				NSD							
4				NSD							
5	1	6.9	0.25	Amphibole		MgSiCaFe	18675B	Image2	Diff2	Acti	Cle
6	1	8.3	0.27	Amphibole		MgSiCaFe			X	Acti	Cle
6	2	10.78	0.12	Amphibole	F	MgSiCaFe	18683B	Image3	Diff5	Acti	Asb
6	3	5.55	0.1	Amphibole		MgSiCaFe			X	Acti	Cle
7				NSD							
8				NSD							
9				NSD							
10				NSD							
11	1	7.53	0.45	Amphibole		MgSiCaFe			X	Acti	Cle
12	1	6.95	0.3	Amphibole		MgSiCaFe			X	Acti	Cle
13				NSD							
14				NSD							
15				NSD							
16	1	5.4	0.45	Amphibole		MgSiCaFe			X	Acti	Cle
17				NSD							
18				NSD							
19	1	5.75	1.05	Amphibole		MgSiCaFe			X	Acti	Cle
19	2	6.95	0.8	Amphibole		MgSiCaFe			X	Acti	Cle
20				NSD							
21				NSD							
22	1	6.95	0.8	Amphibole		MgSiCaFe			X	Acti	Cle
23				NSD							
24				NSD							
25				NSD							

7% Particulate

Abbreviations: F - Fiber, C - Cluster, B - Bundle, M - Matrix, Cle - Cleavage, Asb - Asbestiform, Bys - Byssolite

Initial Review: 4/18/2017 11:05:44 AM approve by Miranda DiFonso

COPY

A0H1044819-2



SPECIALTY GRANULES LLC.

A0H1044819-0

13424 Pennsylvania Ave, Suite 303 // Hagerstown, MD 21742 // Tel: 301-733-4000 // Fax: 301-733-4003

www.specialtygranules.com

March 27, 2017 (Revised)

RJ Lee Group, Inc.  
350 Hochberg Road  
Monroeville, PA 15146  
Attn: Matthew Sanchez

Via: Federal Express: 7787-4523-8581

RE: Fiber - PLM and Crystalline Silica - XRD Analyses.

Dear Mr. Sanchez:

Enclosed are the following samples for the required analyses. All samples are crushed rock and classified as a volcanic rock (meta-basalt). Also enclosed are the SDS sheets.

**Fiber and Crystalline Silica:**

For each sample listed (80 samples), complete the following analyses:

1. Polarized Light Microscopy (PLM): Bulk Analyses – 1,000 Point Count (Untreated) for regulated asbestiform fibers (EPA 600/R-93/116). If fibrous material is detected contact SGI and retain sample for additional TEM testing.
2. Total Crystalline Silica (Bulk Analysis) by quantitative XRD.
3. A 10 - day turn-around service is requested for both the PLM and XRD analyses.

One samples of rock granules (-8 mesh x 35 mesh). (200 grams each):

See attached Table 1.

Two samples of rock fines (-35 mesh x 325 mesh). (100 - 200 grams each):

See attached Table 1.

Twenty samples of finished product (-8 mesh x 35 mesh). (100 grams each):

See attached Table 1.

RCVD 03-28-17 9:21 AM  
Linda Mangui  
RJ Lee Group

COPY

A0H1044819-2



**SPECIALTY GRANULES LLC.**

A0H1044819-0

13424 Pennsylvania Ave, Suite 303 // Hagerstown, MD 21742 // Tel: 301-733-4000 // Fax: 301-733-4003

[www.specialtygranules.com](http://www.specialtygranules.com)

Please address and send the lab results directly to:

Celeste Levine (Electronic Copy)  
GAF/ELK  
1361 Alps Road  
Wayne, NJ 07470  
973-628-3035  
[clevine@gaf.com](mailto:clevine@gaf.com)

with a copy sent to:

Ted Heath (Hard & Electronic Copy)  
Specialty Granules LLC  
34 Charles St  
Hagerstown, MD 21740  
(301) 714-1332  
[theath@specialtygranules.com](mailto:theath@specialtygranules.com)

Payment will be made through SGI Purchase Order CH56476. Please copy Ted Heath and not Celeste Levine on the invoice.

Please call me with any questions.

Sincerely,

Ted Heath  
Project Manager  
Specialty Granules LLC  
[theath@specialtygranules.com](mailto:theath@specialtygranules.com)

c.c.

G. Kamas – SGI  
M. McClure – SGI  
A. Shepeck – SGI  
C. Levine – SGI

COPY

A0H1044819-0

A0H1044819-2

Table 1: Charmian: Northern Tract 2013 Drill Core

SRM No.	Sample Quantity	Number of Samples
9314	200 g	2
9316	200 g	2
9301	200 g	2
9303	200 g	2
9283	200 g	2
9285	200 g	2
9297	200 g	2
9202	200 g	2
9204	200 g	2
9209	200 g	2
9279	200 g	2
9281	200 g	2
9206	200 g	2
9208	200 g	2
9212	200 g	2
9214	200 g	2
9216	200 g	2
9312	200 g	2
9290	200 g	2
9293	200 g	2
9295	200 g	2
9299	200 g	2
9241	200 g	2
9240	200 g	2
9237	200 g	2
9304	200 g	2
9306	200 g	2
9218	200 g	2
9220	200 g	2
9222	200 g	2
9264	200 g	2
9259	200 g	2
9260	200 g	2
9225	200 g	2
9227	200 g	2
9229	200 g	2
9308	200 g	2
9310	200 g	2
9287	200 g	2
9289	200 g	2
Total		80