EASTERN INSTRUMENTS

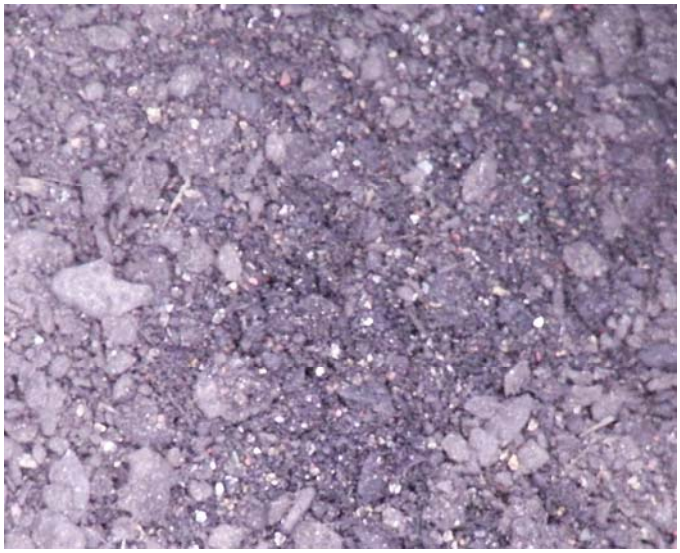
Material Test Report

Ground Shingles

CentriFlow®

CentriFlow®

Date Tested:	May 31, 2012	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Powder to 0.50" chips
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	12" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	15 ft³/min	Density (lb/ft³):	140 - 150 lbs/ft³
Feed System:	Belt Conveyor	Inhibit Setting:	0.50%



Test #1 Mass Flow Rate = 20,000 - 25,000 lb/hr

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	33.02	33.00	1.001	-0.02	-0.06%
2	32.96	32.98	0.999	0.02	0.06%
3	32.92	32.90	1.001	-0.02	-0.06%
4	32.90	32.82	1.002	-0.08	-0.24%
5	32.86	32.80	1.002	-0.06	-0.18%
		Average:	1.001		
		STD:	0.00119		
		% STD:	0.12%		

Additional Comments: Tested with a 12" CentriFlow® Type I Meter in the Reverse Flow Direction.

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within ±0.25% of reading when operating within ± 10% of the calibrated flow rate, as long as the flow rate is within the operational range of the meter."

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