CALCULATIONS OF COLLECTION EFFICIENCY

LINING COMPOSITION ESTIMATE FROM LABORATORY ANALYSIS

SiO_2	16.3%	
MgO	17.8	
Fe_2O_3	2.5	Chrysotile Asbestos 42.4%
Al_2O_3	0.3	
H_2O	5.5	
$CaCO_3$	15.4	
Zn	3.9	
Organic	38.3	
Total	100.0%	

WEAR DEBRIS ESTIMATE

Decomposed Asbestos	36.9%
Decomposed Limestone	8.6%
Zinc Metal	3.9%
Inorganic	49.4%
ORGANIC	
Volatile	10.5%
Uncertain	15.7%
Low Volatility	12.1%
Organic Collectable	12.1% to 27.8%
Total Collectable	61.5% to 77.2%
Collected on Filter	47%
Collectable Material not trapped by filter	14.5% to 30.2%*

* This material presumably on shoe edges, caliper, rotor, wheel, and tire.

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