

# AMERICAN ASSAY LABORATORIES



AAL GROUP

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CLIENT: **Cornerstone Industrial Minerals**  
REFERENCE: **SP068954**  
DATE: **4/29/2005**

ELEMENT	UNITS	TH-05-ST-03	STANDARD SO-17/CSB
SiO <sub>2</sub>	%	72.81	61.56
Al <sub>2</sub> O <sub>3</sub>	%	13.63	13.83
Ba	ppm	266	407
TOT/C	%	0.04	2.4
CaO	%	0.84	4.66
Cr <sub>2</sub> O <sub>3</sub>	%	0.001	0.454
Fe <sub>2</sub> O <sub>3</sub>	%	0.9	5.83
K <sub>2</sub> O	%	4.48	1.43
MgO	%	0.11	2.35
MnO	%	0.06	0.53
Na <sub>2</sub> O	%	3.48	4.15
Nb	ppm	12	22
Ni	ppm	5	29
P <sub>2</sub> O <sub>5</sub>	%	0.02	0.98
TOT/S	%	0.01	5.31
Sc	ppm	3	23
Sr	ppm	54	324
TiO <sub>2</sub>	%	0.06	0.6
Y	ppm	24	26
Zr	ppm	67	351
LOI	%	3.6	3.4
SUM	%	100.05	99.91