

WISCO INC.

950 WEST 600 NORTH BRIGHAM CITY, UTAH 84302 (435) 723-6463 (435) 723-3048 FAX

DATE: 1/20/2004

TIME: 10:00 AM

RAW MATERIAL DATA SHEET "GRADATION REPORT"

TEST MATERIAL: 8-12

INITIAL SAMPLE WT. (GRAMS) = 1000g

<u>SIEVE SCREEN SIZE</u>	<u>WT. (GRAMS) RETAINED</u>	<u>0% RETAINED</u>	<u>ACCUM. % RETAINED</u>	<u>0% PASSING</u>
#8	9	0.9	0.90	99.10
#12	277.5	27.75	28.65	71.35
#20	590.8	59.08	87.73	12.27
#30	73.4	7.34	95.07	4.93
#40	NA	0	95.07	4.93
#50	36.4	3.64	98.71	1.29
#70	NA	0	98.71	1.29
#100	3.3	0.33	99.04	0.96
#200	NA	0	99.04	0.96
PAN	5.7	0.57	99.61	0.39

% ERROR = +/- -0.39

THE SIEVE ANALYSIS FOR THE SILICA SAND WAS TESTED AT WISCO'S TESTING CENTER. TESTS WERE PERFORMED ON A STANDARD SET 8-12 GRIT SILICA SAND, TEST SIEVES WERE PROVIDED BY "U.S.A. STANDARD TESTING SIEVE"

**A.S.T.M. E - 11 SPECIFICATIONS.*

TESTS PERFORMED BY: Eric

* ALL TESTS PERFORMED AND RECORDED QUARTERLY. ADDITIONAL REPORTS AND M.S.D.S. CAN BE OBTAINED AS PER REQUEST.