

WISCO INC.

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

DATE: 1/20/2004

TIME: 11:00 AM

RAW MATERIAL DATA SHEET "GRADATION REPORT"

TEST MATERIAL 4-12

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>
#4	0.4	0.04	0.04	99.96
#8	297.9	29.79	29.83	70.17
#12	344	34.4	64.23	35.77
#20	352.6	35.26	99.49	0.51
#30	0.19	0.019	99.51	0.49
#40	0.09	0.009	99.52	0.48
#50	TR	0	99.52	0.48
#70	0	0	99.52	0.48
#100	0	0	99.52	0.48
PAN	0	0	99.52	0.48

% ERROR = +/- -0.482

THE SIEVE ANALYSIS FOR THE SILICA SAND WAS TESTED AT WISCO'S TESTING CENTER . TEST WERE PERFORMED ON A STANDARD SET 4-12 GRIT SILICA SAND, TEST SIEVES WERE PROVIDED BY "U.S.A. STANDARD TESTING SIEVE "

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

TESTS PERFORMED BY: Lonnie

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