EASTERN INSTRUMENTS

Material Test Report

Titanium Ore

CentriFlow®

CentriFlow®

Date Tested:	January 27, 2005	Temperature:	Ambient (78°F/25.6°C)
Technician:	Scott Tupper	Particle Size:	Under 0.001"
Test Location:	Eastern Instruments	Flowability:	Above Average
CFM Model:	12" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	15 ft³/min	Density (lb/ft³):	125 - 150 lbs/ft³
Feed System:	Vibratory Conveyor	Inhibit Setting:	0.200 Volts

Picture Not Available

Test #1 — **Percent of Volumetric Capacity = 75%**

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	30.10	30.09	1.000	-0.01	-0.03%
2	30.08	30.13	1.002	0.05	0.17%
3	34.96	35.03	1.002	0.07	0.20%
4	34.94	35.03	1.003	0.09	0.26%
5	34.94	35.03	1.003	0.09	0.26%
		Average:	1.002		
		STD:	0.00120		
		% STD:	0.12%		

Additional Comments: Tested with a 12" CentriFlow® Type I Meter in the In-Line Flow Configuration equipped with VibraWeigh®. Run time was 7

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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