TRIPLE/S DYNAMICS, INC.
Laboratory Report
[redacted]

CUSTOMER: [redacted]

OBJECTIVE: Separate abrasive material, consisting of alumina oxide, bubble alumina, and walnut shell.

DATE OF TEST: [redacted]

AMOUNT OF MATERIAL:

	wt.
Walnut shell	1 lb. 5 oz.
Bubble Alumina	4 lbs. 3 oz.
Alumina Oxide	40 lbs. 8 oz.

PROCEDURE: After bulk densities were obtained from each material they were mixed together and run on our V-135 gravity separator using a #300 deck cover. An initial run was made to cut the material into two separate fractions; a heavy fraction containing the more dense particles, and a light fraction containing the less dense particles. These two fractions were then run individually on the gravity separator resulting in additional fractions.

RESULTS:

Bulk Density	lbs./cu.ft.
Walnut	34.3
Bubble Alumina	68.6
Alumina Oxide	125.7

V-135 Separation	wt.
Heavy	29 lbs. 5 oz.
rerun of heavy only	
Heavy	11 lbs. 8 oz.
Mid	11 lbs. 12 oz.
Light	6 lbs. 4 oz
Light	5 lbs.
rerun of lights only	
Heavy	2 lbs. 12 oz.
Light	2 lbs. 4 oz.

Rate 221 PPH