

[REDACTED]

LABORATORY TEST REPORT

NAME: [REDACTED]

DATE OF TEST: [REDACTED]

TEST NO: S-70-94

MATERIAL: Tea

OBJECTIVE: Remove sand and stones from leaf tea

BULK DENSITY: 22 lb./ft<sup>3</sup>

RUN #1  
RO-TAP ANALYSIS

<u>Size Fraction</u>	<u>% By Weight</u>
+10	3.5%
-10+14	34.3%
-14+20	40.3%
-20+28	14.3%
-28+35	5.0%
-35+48	1.6%
-48	1.0%

RUN #2

Equipment

Used: 1' x 3' Horizontal Resonant Screen

Material: As received with 187.5 grams rocks/100 lb. tea added

Rate: 750 lb/hr

<u>Size Fraction</u>	<u>% By Weight</u>
+14	70%
-14	30%

RUN #3

Equipment

Used: S-22F Stoner W/65 count deck cover

Material: +14 Mesh

Rate: 900 lb/hr

<u>Size Fraction</u>	<u>% By Weight</u>	<u>Description</u>
Heavy		
Light	.1%	Rocks
	99.9%	Clean Tea

RUN #4

Equipment

Used: V-135 Gravity Separator W/65 count deck

Material: -14

Rate: 300 lb/hr

Size Fraction

% By Weight

Description

Heavy	1.2%	Sand, Grit, etc.
Middling	8.9%	Middling
Light	84.9%	Clean Tea
Cyclone	5.0%	Clean Tea