

TRIPLE/S DYNAMICS
LAB REPORT

CUSTOMER:

CONTACT:

SALESMAN:

OBJECTIVE: Separation Evaluation of Copper, Aluminum Concentrate

EQUIPMENT USED: 24 Husky Granulator
1' x 3' Texas Shaker
V-135 Gravity Separator

PROCEDURE:

- 1) Granulated sample through 24 Husky with 1/4" grate
- 2) Sized sample over TS with 8 and 20 mesh screens
- 3) Separated +8 mesh fraction into three splits identified as +8m V-135 heavies, mids & lights.
- 4) Separated -8 +20 fraction into three splits identified as -8 +20 mesh, V-135 heavies, mids & lights.

RESULTS -

1' x 3' TEXAS SHAKER

	<u>wt.</u>	<u>%</u>
+8 mesh	31.5#	35.4
-8+20 mesh	53.0#	59.5
-20 mesh	4.5	5.1

V-135 Separator

Feedrate: 1000 lb/hr
Deck: 81C

+8 mesh	<u>wt.</u>	<u>%</u>	<u>% of Total</u>
Heavies	19#	61.0	21.3
Mids	11.5#	36.9	12.9
Lights	0.625#	2.0	.7

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Feedrate: 1000 lb/hr
Deck: 201C

-8+20 mesh	<u>wt.</u>	<u>%</u>	<u>% of Total</u>
Heavies	41.5#	70.4	46.6
Mids	10.0#	18.9	11.2
Lights	1# 6.5 oz.	2.6	1.6

SUMMARY -

No further testing was done on the -20 mesh fraction. All samples will be returned to [REDACTED]. Contact us if we can be of any further assistance.

TRIPLE/S DYNAMICS TECH SERVICE