

SCREEN ANALYSIS DATA SHEET (TY-LAB)

RUN NO. C-1033-START-UP SAMPLE NO. _____ DATE 4-27-68

UNIT #3 ^{TRANSITION} DESCRIPTION TY-LAB

APPROX. SHALE SIZE 1/2 - 2 1/2 SHAKING TIME 10 MIN. ANALYSIS BY K. M. Joyce

TOTAL SAMPLE WT. GROSS 92.1 - TARE 6.6 = NET 75.5

SCREEN SIZE			WEIGHTS								
SCREENS REQD.	OPENING SIZE	MESH	GROSS LBS.	TARE LBS.	NET WT. RETAINED	SCREEN SIZE	Di *	1/Di	% RETAINED	CUM. % RETAINED	% PASSING
	4.25					4.25					
	3.00					3.00	(3.125)	(0.3200)			
	2.50		0	0	0	2.50	(2.625) 2.750	(0.3809) 0.3636			
	2.00		27.6	20.2	7.4	2.00	2.250	0.4444	9.80		90.19
	1.50		52.2	23.7	28.5	1.50	1.750	0.5714	38.15		52.04
	1.05		37.2	18.2	19.0	1.05	(1.087) 1.275	(0.9199) 0.7843	23.84		28.20
	0.742		20.6	20.5	0.1	0.742	0.896	1.116	13.38		14.82
	0.525		25.2	18.5	6.7	0.525	0.634	1.577	8.87		5.95
	0.371		21.3	19.3	2.0	0.371	0.448	2.232	2.65		3.30
	0.263	3	14.7	14.3	.4	0.263	0.317	3.154	0.53		2.77
	0.185	4	19.6	19.4	.2	0.185	0.224	4.464	0.26		2.51
	0.131	6	19.5	19.4	.1	0.131	0.158	6.329	0.26		2.25
	0.093	8	20.7	20.6	.1	0.093	0.112	8.928	0.13	97.87	2.12
	0.065	10	19.3	19.2	.1	0.065			0.13		1.99
	PAN		22.2	21.0	1.2	PAN			1.59		0.40
TOTAL ON SCREENS AND PAN					75.2	LOSS		0.40			0.00
LOSS (BY DIFFERENCE)					4.3	TOTAL		99.99			
TOTAL SAMPLE WEIGHT					75.5						

* NUMBERS IN PARENTHESES SHOULD BE USED WHEN THESE SCREEN SIZES REPRESENT THE TOP OF THE SHALE SIZE RANGE.

REMARKS: _____

$\sum_{+8m}^m Di$	1.38290	$\sum_{+8m}^m Xi$	
$1/\sum_{+8m}^m Di$	0.85325	$\sum_{+8m}^m Xi / Di$	
Da	1.14702	$\sum_{+8m}^m Xi Di$	
Dv	1.41299		

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