

UTELITE CORPORATION
Average Monthly Gradation Report
As Per A.S.T.M. C-136

DATE : Aug-19

Material - COARSE		SIEVES							
	# 3/4	# 1/2	# 3/8	# 4	# 8				
A.S.T.M. C-330 PASSING									
COARSE (1/2" TO # 4) :	100	90 - 100	40 - 80	0 - 20	0 - 10				
TEST RESULTS :	100.00	91.32	64.80	11.16	2.50				
RETAINED %	0.00	8.68	26.52	53.65	8.66		PAN		
WT/FT3	53.09	AVG. MOISTURE %		7.48		CALC. DRY WT. FT3	49.12		
Material - STRUCTURAL MEDIUM		SIEVES							
	# 1/2	# 3/8	# 4	# 8	# 16				
A.S.T.M. C-330 PASSING									
STR-MED (3/8" TO #8)	100	80 - 100	5-40	0 - 20	0 - 10				
TEST RESULTS :	100.00	95.19	24.06	2.53	0.82				
RETAINED %	0.00	4.81	71.13	21.53	1.71		PAN		
WT/FT3	50.43	AVG. MOISTURE %		8.23		CALC. DRY WT. FT3	46.28		
Material - FINES		SIEVES							
	# 3/8	# 4	# 8	# 16	# 30	# 50	# 100		
MANUFACTURER'S SPEC.									
PERCENT PASSING (# 4 TO 0) :	100	85 - 100	.....	15 - 55	.....	0 - 10	0 - 5
TEST RESULTS :	100.00	97.65	45.35	19.95	11.10	6.35	2.80		
RETAINED %	0.00	2.35	52.30	25.40	8.85	4.75	3.55		
WT/FT3	54.00	AVG. MOISTURE %		11.83		CALC. DRY WT. FT3	47.61		
Material - CRUSHED FINES		SIEVES							
	# 3/8	# 4	# 8	# 16	# 30	# 50	# 100		
A.S.T.M. C-330 PASSING									
FINE (# 4 TO 0) :	100	85 - 100	.....	40 - 80	.....	10 - 35	5 - 25
TEST RESULTS :	100.00	99.47	82.37	48.20	26.47	14.27	7.70		
RETAINED %	0	0.53	17.10	34.17	21.73	12.20	6.57		
WT/FT3	58.40	AVG. MOISTURE %		9.69		CALC. DRY WT. FT3	52.74		
Material - 10 MESH		SIEVES							
	# 3/8	# 4	# 8	# 16	# 30	# 50	# 100		
A.S.T.M. C-330 PASSING									
FINE (# 4 TO 0) :	100	85 - 100	.....	40 - 80	.....	10 - 35	5 - 25
TEST RESULTS :	100.00	100.00	98.65	69.60	44.98	29.43	20.30		
RETAINED %	0.00	0.00	1.35	29.05	24.62	15.55	9.13		
WT/FT3	55.20	AVG. MOISTURE %		9.76		CALC. DRY WT. FT3	49.81		
Material - STRUCTURAL BLEND		SIEVES							
	# 1/2	# 3/8	# 4	# 8	# 16	# 30	# 50	# 100	
MANUFACTURER'S SPEC.									
FINE (# 4 TO 0) :	100	85 - 100	65 - 95	45 - 85	25 - 55	10 - 40	5 - 20	3 - 10	
TEST RESULTS :	100.00	96.25	76.85	60.10	35.65	20.15	11.20	6.45	
RETAINED %	0	3.75	19.40	16.75	24.45	15.50	8.95	4.75	
WT/FT3	62.00	AVG. MOISTURE %		11.68		CALC. DRY WT. FT3	54.76		
Material - BLOCK BLEND		SIEVES							
	# 1/2	# 3/8	1/4"	# 4	# 8	# 16	# 30	# 50	# 100
MANUFACTURER'S SPEC.									
FINE (# 4 TO 0) :	100	97 - 100	85 - 95	75 - 90	65 - 80	35 - 50	15 - 30	5 - 20	5 - 15
TEST RESULTS :	100.00	98.20	87.20	79.60	65.30	41.60	27.20	16.50	9.40
RETAINED %	0	1.8	11.00	7.60	14.30	23.70	14.40	10.70	7.10
WT/FT3	62.40	AVG. MOISTURE %		9.98		CALC. DRY WT. FT3	56.17		