			Time Spent	
Payloader Rental (operated, PhP/day)	PHP 6,424.00			
Payloader Bucket Capacity (bucket volume x 85% efficiency)	1.50	cu.m		
Payloader Efficiency	85%			
Approximate Screening Time Spent per Cycle (or trip)	1.00	min / cycle		
Approximate Time Spent for Stockpiling / Removal of Waste	0.69	min / cu.m		
Screening Efficiency				
First Screening (for Fine Aggregates)	60%			
Second Screening (for Coarse Aggregates)	30%			
Waste (after second screening)	10%			
Volume of unprocessed materials (ASSUMED)	12.00	cu.m		
FIRST SCREENING (for fine aggregates)				
No. of Loader Cycle	9.41	cycle		
Volume of Fine Aggregate Produced	7.20	cu.m		
Time Spent Screening Unprocessed Material			9.41	min
Time Spent Stockpiling Produced Fine Aggregates			4.97	min
SECOND SCREENING (for coarse aggregates)				
Volume Left After First Screening	4.80	cu.m		
No. of Loader Cycle	3.76	cycle		
Volume of Coarse Aggregate Produced	3.60	cu.m		
Time Spent Screening Unprocessed Material			3.76	min
Time Spent Stockpiling Produced Fine Aggregates			2.48	min
Waste Produced	1.20	cu.m		
No. of Loader Cycle in Removal of Waste	0.94	cycle		
Time Spent for the Removal of Waste			0.65	min
Time Elapsed (combined production time)			21.28	min
		=	0.35	hour
Therefore, Hourly Production of:				
Fine Aggregates			20.30	cu.m / hr
Coarse Aggregates			10.15	cu.m / hr
Daily Production Output				
Fine Aggregates			162.42	cu.m
Coarse Aggregates			81.21	cu.m
Unit Production Cost				
Fine Aggregates			PHP 39.55	per cu.m
Coarse Aggregates			PHP 79.10	per cu.m