

ITEM DESCRIPTION	UNIT COST (see database)	D E R I V E D C O S T S (Php)			EQUIVALENT HAULING DISTANCE (kms)
		P R O D U C T I O N		H A U L I N G P A V E D + D I R T	
		manual	mechanized		
Fine Aggregates	600.00		39.55	560.45	15.82
Coarse Aggregates	800.00		79.10	720.90	20.35

SAY 15 kms
SAY 20 kms

ITEM DESCRIPTION	Truck Capacity per load (m³)	Truck Rental per day (FOL driver included)	Labor Capacity (load/unload)			HAULING DISTANCE			RELATIVELY FLAT							Travel Time (hrs)					
			Loading	Unloading	Quantity	On PAVED Road	On DIRT Road	TOTAL Hauling Distance (kms)	loading to truck	PAVED ROAD		DIRT ROAD		TOTAL Time Spent per TRIP	No. of trips / day	Total Load / Unload Time (hrs)	Unit Labor Cost PER HOUR (5 Labor @ 200/day)	Labor Cost per trip	Truck Cost per trip	Total Cost per trip	UNIT MATERIAL HAULING COST (Php/cu.m-km)
										loaded travel time (@ 15 kph)	no load time time (@ 20 kph)	loaded travel (@ 10 kph)	travel w/o load (@ 15 kph)								
			(min)	(min)	(m³)				unloading from truck												
Fine Aggregates (cu.m)	3.50	2,000.00	1.00	0.50	0.04	7.91	7.91	15.82		0.53	0.40	0.79	0.53	2.24	3.57	-	175.00	-	560.45	PHP 560.45	PHP 10.12
Coarse Aggregates (cu.m)	3.50	2,000.00	1.00	0.50	0.04	10.18	10.18	20.35		0.68	0.51	1.02	0.68	2.88	2.77	-	175.00	-	720.90	PHP 720.90	PHP 10.12