

Chapter 13 MATERIAL ASSETS – TRAFFIC

- Appendix 13.8 Temporary Construction Material Storage Yard Construction Stage Traffic

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Data Received from ESBi Dated 05/03/15	QTY	Units	Total Movements
Volume of Soil	7000 Ton		
Assume 10 cubic.m per Truck	10 Cubic.m/Truck		
Number of Trucks to Site	700 No.		
Number of Round Trips			1400
Volume of Clause 804	1400 Ton		
Assume 10 cubic.m per Truck	10 Cubic.m/Truck		
Number of Trucks to Site	140 No.		
Number of Round Trips			280
Volume of Concrete	100 Ton		
Assume 7 cubic.m per Truck	7 Cubic.m/Truck		
Number of Trucks to Site	14 No.		
Number of Round Trips			29
Fencing Panels (Assumed)	100 No.		
Assume 25 Per Truck	25 Panels/Truck		
Number of Trucks to Site	4 No.		
Number of Round Trips			8
Total Truck Movements (Over length of Contract)			1717
Construction Programme	13 Weeks		
Maximum Haulage Programme	10 Weeks		
Maximum Runs Per Week	172 No. Vehicles/Week		
Days per Week Construction	5.5 Days		
Maximum Runs Per Day	Veh/Day		31
Proposed Construction Staff	14 Persons (Including Electrician)		
Assume 1 vehicle Per staff per Day			14
Total Site Generated Traffic Per Day (Average)			45 Vehicles