

Chapter 13 MATERIAL ASSETS – TRAFFIC

- **Appendix 13.8 Temporary Construction Material Storage Yard Construction Stage Traffic**

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