

**Annexure B19: Operational Phase Trip Generation (BANTAMSKLIP)**

Land Use Type	People (No)	Directional Percentage of Shift Staff Travelling in Peak hour				Total Peak Person Trips Generated						Mode of Transport				Total Vehicle Trips Generated					
		AM Peak		PM Peak		AM Peak			PM Peak			Private Transport	Public Transport			AM Peak			PM Peak		
		In (Shift 2)	Out (Shift 1)	In (Shift 3)	Out (Shift 2)	In	Out	Total	In	Out	Total		Taxi	Bus	Rail	In	Out	Total	In	Out	Total
Proposed Nuclear Site at Bantamsklip	1300	30%	30%	30%	50%	234	59	293	98	390	488	70%	20%	10%	0%	113	28	141	47	188	235
<b>TOTAL</b>	<b>1300</b>					<b>234</b>	<b>59</b>	<b>293</b>	<b>98</b>	<b>390</b>	<b>488</b>					<b>113</b>	<b>28</b>	<b>141</b>	<b>47</b>	<b>188</b>	<b>235</b>

Shift	% Staff per shift	No. Staff per shift
Shift 1	15%	195
Shift 2	60%	780
Shift 3	25%	325
<b>Total</b>	<b>100%</b>	<b>1300</b>

58.5  
234  
97.5

Mode of Transport	Average Occupancy	Capacity
Private Vehicle	1.5	5
Taxi	15	15
Bus	60	60