

	ENVIRONMENTAL RISK ASSESSMENT FORM									ARTK/EMS/RA
	EXCAVATION									ISSUE NO.: 2.0
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ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Severity	TOTAL SCORE	
Generation of dust	Air Pollution	N	N	Y	Y	y	2	4	8	OCP - 05
Generation of heat & vibration	Sound pollution / Damage to Eco System	N	Y	Y	Y	y	2	2	4	
Interrupt/modify drainage	Land Contamination / Depletion of under water resources	N	N	N	Y	N	2	2	4	
Generation of waste	Land Contamination/Water contamination/ Degradation of air quality	N	N	Y	Y	y	3	4	12	EMP1
Consumption of raw materials	Depletion of natural resources	N	N	Y	Y	y	2	3	6	
Change in shape & size of the land	Disturbance to sites of natural/heritage significance	N	N	N	Y	y	2	3	6	
Consumption of energy	Depletion of natural resources	N	N	Y	Y	y	2	3	6	
Generation of noise	Noise Pollution	N	N	Y	Y	y	2	2	4	
Consumption of fossil fuel	Depletion of natural resources	N	N	Y	Y	N	2	3	6	OCP - 04
Soil erosion	Damage to eco system	N	N	Y	Y	y	2	2	4	

OCP - OPERATIONAL CONTROL PROCEDURE
 EMP - ENVIRONMENTAL MANAGEMENT PROGRAMME
 EPRP - EMERGENCY PREPAREDNESS AND RESPONSE PLAN