## Appendix 7

## **An Example of Environmental Assessment Matrix**

Key:							PROJE	CT AC	TIVITIE							
	Insignificant and excluded from Matrix	SITE INV	CONSTRUCTION								OPERATION AND MAINTENANCE					
√	Environmental impact that is potentially but on a temporary basis and will assue equilibrium after certain period of time												:RY			
×	Environmental impact that is potentially significant but about w hich there is insutificient data to make a reliable prediction. Close monitoring and control is recommended	SURVEY	INVESTIGATION	ACQUISITION	ACCESS ROADS	CLEARING	EXCAVATION	DRAINAGE	EROSION CONTROL	UTILITIES	ABANDOMENT	r operation	IL AND RECOVERY	r storage	SPILLS AND LEAKS	ABONDMENT PLAN
V	Potentially significant adverse environmental impact for w hich a design solution has been identified	ns	INVEST	LAND AC	ACCES	SITEC	EXCA	DRA	EROSION	ITU	ABAN	EQUIPMENT	WASTE DISPOSAL	PRODUCT	SPILLS	ABONDN
√	Residual and significant adverse environmental impact												WAS			
×	Significant environmental anhancement															

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			Identification of Activites													
			Landforms													
			Soil Profile													
			Soil Composition													
			Slope Stability													
		LAND	Subsidence and Compaction													
		_ Y	Seismicity													
SE			Flood Plains/Sw amps													
ENVIRONMENTAL COMPONENTS			Land Use													
	CAL		Engineering and Mineral Resources													
	EW		Buffer Zones													
AL (	는 H	SURFACE WATER	Shore Line													
	PHYSICOCHEMICAL		Bottom Interface													
Z	Ĭ		Flow Variation													
IRO		×	Water Quality													
E S		ACE	Drainage Pattern													
		URF	Water Balance													
		N N	Flooding													
			Existing Use													
		9 ~	Water Table													
		GROUND	Flow Regime													
		GR.	Water Quality													

	7	Recharge								
		Aquifer Characteristics								
		Existing Use								
	RE	Air Quality								
		Air Flow								
	ATMOSPHERE	Climatic Changes								
	ATI	Visibility								
	ш	Intensity								
	NOISE	Duration								
	Z	Frequency								
		Terrestrial Vegetation								
	NS SNS	Terrestrial Wildlife								
	SA	Other Terrestrial Fauna								
	SPECIES AND POPULATIONS	Aquatic/Marine Flora								
A P		Fish								
BIOLOGICAL		Other Aquatic/Marine Fauna								
)ro		Terrestrial Habitats								
BIG	NN ES	Terrestrial Communities								
	TS A	Aquatic Habitats								
	MMU	Aquatic Communities								
	HABITATS AND COMMUNITIES	Estuarine Habitats					_	_		
		Estuarine Communities								

		Marine Habitats							
		Marine Communities							
	0	Physical Safety							
	¥NE	Psychological Well-Being							
	HEALTH AND SAFETY	Parasitic Disease							
	HEAI S/	Communicable Disease							
		Physiological Disease							
	SOCIAL AND ECONOMIC	Employment							
		Housing							
		Education							
		Utilities							
HUMAN		Amenities							
H H		Property & Settlement							
	AND CULTURAL	Landforms							
		Biota							
	Ę	Wilderness							
	no c	Water Quality							
	AND	Atmospheric Quality							
	LIC.	Climate							
	뿓	Tranquility							
	AESTHETIC	Sense of Community							
	1	Community Structure							

	Man-Made Objects								
	Historic Places or Structure								
	Religious Places or Structure								
	Landscape								