## Appendix 7

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

Key:		PROJECT ACTIVITIES														
	Insignificant and excluded from Matrix	SITE INV	SITE INVESTIGATION CONSTRUC						ION			OPERATION AND MAINTENANCE				
V	Environmental impact that is potentially but on a temporary basis and will assue equilibrium after certain period of time												ERY			
×	Environmental impact that is potentially significant but about which there is insutificient data to make a reliable prediction. Close monitoring and control is recommended	SURVEY	INVESTIGATION	ACQUISITION	ACCESS ROADS	SITE CLEARING	EXCAVATION	DRAINAGE	EROSION CONTROL	UTILITIES	ABANDOMENT	T OPERATION	AL AND RECOVERY	T STORAGE	AND LEAKS	ABONDMENT PLAN
V	Potentially significant adverse environmental impact for which a design solution has been identified	ns		LAND AC				DRA	EROSION			EQUIPMENT	TE DISPOSAL	PRODUCT	SPILLS /	ABONDA
V	Residual and significant adverse environmental impact												WASTE			
×	Significant environmental anhancement															

			Identification of Activites							
			Landforms							
			Soil Profile							
			Soil Composition							
			Slope Stability							
		LAND	Subsidence and Compaction							
	PHYSICOCHEMICAL	_ ≤	Seismicity							
SE			Flood Plains/Swamps							
ENVIRONMENTAL COMPONENTS			Land Use							
			Engineering and Mineral Resources							
	¥ ¥		Buffer Zones							
	500		Shore Line							
MEN	rsic	œ	Bottom Interface							
NO.	PH	ATE	Flow Variation							
N N		ii ≽	Water Quality							
ū		FAC	Drainage Pattern							
		SURFACE WATER	Water Balance							
			Flooding							
			Existing Use							
		GROUND	Water Table							
		ROL	Flow Regime							
		ტ >	Water Quality							

			Recharge								
			Aquifer Characteristics								
			Existing Use								
		RE	Air Quality								
		ATMOSPHERE	Air Flow								
		MOS	Climatic Changes								
		ATI	Visibility								
		NOISE	Intensity								
			Duration								
			Frequency								
			Terrestrial Vegetation								
		SNS	Terrestrial Wildlife								
		SPECIES AND POPULATIONS	Other Terrestrial Fauna								
			Aquatic/Marine Flora								
	AL		Fish								
	GIC		Other Aquatic/Marine Fauna								
	BIOLOGICAL		Terrestrial Habitats								
	ā	AND IES	Terrestrial Communities								
		TIS.	Aquatic Habitats								
		BIT A	Aquatic Communities								
		HABITATS AND COMMUNITIES	Estuarine Habitats								
			Estuarine Communities								

		Marine Habitats							
		Marine Communities							
		Physical Safety							
	HEALTH AND SAFETY	Psychological Well-Being							
	LTH	Parasitic Disease							
	HEA S.	Communicable Disease							
		Physiological Disease							
	SOCIAL AND ECONOMIC	Employment							
		Housing							
		Education							
	VIDO:	Utilities							
HUMAN	S III	Amenities							
<del>-</del>		Property & Settlement							
		Landforms							
	JRAI	Biota							
	<u> </u>	Wilderness							
	0.01	Water Quality							
	N N	Atmospheric Quality							
	AESTHETIC AND CULTURAL	Climate							
	置	Tranquility							
	AES	Sense of Community							
		Community Structure							

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