

APPENDIX 4 - RISK ASSESMENT MATRIX, IRONBARK ZINC LIMITED, 2010

ESTABLISH THE CONSEQUENCE OR SEVERITY

Consequence	Environmental Impact
Level 1	Limited damage to a minimal area of low significance
Level 2	Minor effects on biological or physical environment
Level 3	Moderate short term effects but not affecting ecosystem
Level 4	Serious medium term environment effects
Level 5	Very serious long term environment impairment of ecosystem

ESTABLISH THE PROBABILITY FACTOR OF THE EVENT

Description	Frequency
Happens often	More than 1 event per month
Could easily happen	More than 1 event per year
Could happen and occurred here or elsewhere	1 event per 1 to 10 years
Hasn't happened yet but could	1 event per 10 to 100 years (eg within a single mine life)
Conceivable, but only in extreme circumstances	Less than 1 event per 100 years

USING THE MATRIX BELOW DETERMINE THE RISK CATEGORY

		CONSEQUENCE SEVERITY				
		Level 1	Level 2	Level 3	Level 4	Level 5
PROBABILITY FACTOR	Happens often	High	High	Extreme	Extreme	Extreme
	Could easily happen	Moderate	High	High	Extreme	Extreme
	Could happen and occurred here or elsewhere	Low	Moderate	High	Extreme	Extreme
	Hasn't happened yet but could	Low	Low	Moderate	High	Extreme
	Conceivable, but only in extreme circumstances	Low	Low	Moderate	High	High