RISK ASSESSMENT FOR SYGUN COPPER MINE

ITEM	ACTIVITY, DESIGN, PROCESS & MATERIAL	HAZARD	ACTIONS TO REDUCE RISK	RISK ASSESSMENT LOW/MED/HIGH
	UNDERGROUND			
1A	Tunnels or passages	Darkness	Lighting system illuminates all areas Lighting system is checked on a daily basis	Low
1B		Disorientation	Directional signs indicate route	Low
1C		Straying from route	Directional signs indicate route and barriers placed to unauthorized areas	Low
1D		Overcrowding	Visitors access to underground is regulated to prevent overcrowding	Low
1E		Claustrophobia	Visitors are informed of size of tunnels and length of route	Low
2A	Floor surface	Slipping on surface	Non skid (grooved) concrete surfaces, non skid steel grilles and handrails are provided	Low
3A	Ceiling	Low ceiling – hitting head	Helmets provided and must be worn	Low
4A	Lighting	Failure	Emergency lighting system operates id failure of main power	Low
5A	Ventilation	Lack of ventilation	Good ventilation is maintained by having a number of connections to surface air	Low
6A	Radon	Exposure to radon gas	Radon gas monitoring has been completed and concentrations are below action level. Good ventilation throughout the mine minimises risk of exposure	Low
7A	Physical accident	Tending to casualty	There are first aid supplies and list of emergency rescue phone numbers located at the visitor centre	Low
	SURFACE			
8A	Walkways	Slipping on gravel surface	Maintaining surface and advise visitors of terrain	Low
9A	Rock exposures	Failing rock	All walk ways are situated away from these areas	Low
10A	Spoil material	Loose or failing soil	All walk ways are situated away from these areas	Low
11A	Physical accident	Tending to casualty	See item 7A	Low
12A	Adventure Playground	Failing off equipment	All relevant areas have appropriate surfaces. There are first aid supplies and list of emergency rescue phone numbers located at the visitor centre	Low
Date of Assessment: November 2026		Name: B Ward-Manager	Review Date: June 2027 (unless changes are made and earlier review required)	