

**CARRS MINE RISK ASSESSMENT****POTENTIAL HAZARDS AND DEGREE OF RISK**

<b>Location</b>	<b>Hazard(s)</b>	<b>Degree of Risk (High, Med, Low)</b>	<b>How Minimised</b>
Carrs Shop and surface area	Uneven surface causing tripping	Low	Ballasting track and pathways
Horse Level	As above	Low/Medium	Ballasting track Covering drains
	Reduced headroom causing head contact	High	Helmets to be worn at <u>all</u> times Verbal warnings
	Falls of shale causing injury	Low	Periodic scaling Attention to timber
East of Nent Turn	Roof falls causing injury, death or blocked exit	Low	Check timber and walling. Second exit. Evacuation procedure
Zinc stope	Falls from rise and retaining walls	Low	Inspection and maintenance
Lead Flat	Uneven surfaces	Low	Ballast track etc.
	Falling debris	Low	Inspection and maintenance
East of Nent to ladderway	Uneven surfaces	Low	Ballast track etc
	Falls from rises	Low/Medium	Regular inspection and maintenance
	Falls of roof causing injury, death or blocked exit	Low	Check and maintain timber, especially through opened fall. Second exit. Evacuation procedures
Ladderway to Cavern	Structural failure	Low	Inspection and maintenance procedures. Second exit
	Falling from the ladders	Medium	Close supervision and verbal warnings Short-rise ladders Handrails and platforms
	Head contacting side wall etc.	Medium	Verbal warnings Maximising clearances as far as practicable
Cavern and Hammer Head	Reduced height in places, possible head contact	Medium	Verbal warnings.
	Uneven floor	Low/Medium	Grade with Quarry waste
	Falling from the ladders	Medium	Handrail, platform and verbal warnings. Safety barrier on platform

Location	Hazard(s)	Degree of Risk (High, Med, Low)	How Minimised
Waterfall entrance and exit walkway	Spalling of limestone faces causing injury	Low	Regular inspection. Scaling.
	Failure of walkway structure	Low	Inspection and maintenance
	People falling	Low	Good design, awareness
General Underground	Flooding due to water inrush from beck	Unknown	Construction of dam with overflow south of ladder way
	Flooding due to water from workings to east or above	Very low	Several rises from Rampgill level. No known water-filled workings above
	High levels of radon gas	Very low	Monitored
	Low oxygen or high carbon dioxide	Very low	Adequate natural ventilation. Monitoring
	Member of public or staff taken ill	Unknown	Efficient and well-practiced emergency procedure.
	Underground fire Other	Very low	Smoking not permitted. Damp atmosphere, few combustibles
	Unruly behaviour	Low	Firm control Good guide supervision
	Claustrophobia Excessive concern about environment	Low/Med	Regular checks Continuous guide supervision

Document review

Reviewer Peter Jackson  
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