



Risk Assessment and Identified Risks - Mine Tenement

Company name: CMSMS

Assessment carried out by: Adam Beer

Date of next review: June 2023

Date assessment was carried out: March 2023

What are the hazards?	Who might be harmed and how?	Risk Level (L,M,H)	What are you already doing to control the risks?	What further action do you need to take to control the risks?	Who needs to carry out the action?	When is the action needed by?	Done
Uneven, slippery, steep terrain	All. Falling, slip, trip. Mild injury	L	Raise awareness in Site safety briefing. Suggest appropriate footwear. 1 st Aid Kit	None	NA	NA	YES
Open shafts, workings, digs	All. Falling. Moderate injury to death	H	Hatches on shaft, locks, fences, controlled access, guided tours only. Site safety briefing.	Some fences in Harris need attention to reduce potential access into shaft. Temporary restriction on underground visits in place. Signage	CMSMS members	Soon as possible, ongoing upgrade to underground safety	NO



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Ladders	All	M	Site safety briefing and underground tour briefing	Monitor ladders condition and fixing	CMSMS members	Ongoing	YES
Falling Objects	All. Impact injury	L	Helmets worn underground and when working under potential falling hazards. Site safety briefing.	None	NA	NA	YES
Low lying objects, ceilings	All, impact injury	L	Helmets worn underground. Site safety briefing and underground tour briefing.	None	NA	NA	YES
Shallow water pools	All below ground. Drowning	L	Helmets to prevent head impact concussion if falling into pool. All tours guided. Underground tour briefing.	None	NA	NA	YES



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Loose flaking rock underground	All below ground. Minor Injury	L	Helmets worn. Underground tour briefing.	General monitoring of underground conditions for changes.	CMSMS underground members, underground mine captain.	Ongoing	YES
Large flaking rock unstable hanging walls/ stopes	All below ground. Crushing injury, trap, death	L	Restricted access to higher risk areas. Pit props, timbering, walling, support pillars.	General monitoring of known areas. Install supports when needed.	CMSMS underground members. Underground mine captain.	General ongoing, specific ASAP	NO
Dry stone walls	All	L	Site safety briefing, underground tour briefing, guided tours.	NONE	NA	NA	YES



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Small Spaces	All, risk of getting stuck, access into unknow areas	L-M	Restricted access, fencing, guided tours.	Add to site safety and underground tour briefing	CMSMS members, underground mine captain	Ongoing	NO
Radon	All underground	M?	NA	Have radon detection performed to ascertain levels	CMSMS underground mine captain, professional tester	This summer	NO
Struts props. Collapse	All underground	L	Monitor. Underground safety briefing, guided tour	Continue to monitor condition	CMSMS UM UMC	Ongoing	YES
Oxygen levels and other gasses	All below ground	L-M	Oxygen monitor in low ventilated areas	New monitor required. Consider having gases analysis done	CMSMS UGMC. Professional tester	ASAP for O2 sensor, by summer for gas tests	NO



Site Risk Assessment Walkthrough - Current Hazards Identified for Attention						
Type of Risk	Risk Level	Location	Description	Who	Priority	Done
Large flaking rock unstable hanging walls/ stopes	L	12 Fathom 6 th ladder platform	Hanging wall look unstable. Consider propping, fencing off area, and monitoring crack movement.	CMSMS UM UMC	M	NO
Open access to shaft	H	6 Fathom	Open access into shaft above current fence on West. Install Scaffold and continue current fence.	CMSMS UM UMC	H	NO
Loose shaft fence	L	4 th Ladder platform	Install kick board or scaffold to secure fence, extend fence to west as small gap	CMSMS UM UMC	L	NO
Loose shaft fence	L	5 th Ladder platform	Install kick board or scaffold to secure fence	CMSMS UM UMC	L	NO
Hole In Platform	L	5 th Ladder platform	Small hole in platform needs covering with timber	CMSMS UM UGMC	L	NO
Open access to shaft, loose fence	H	12 Fathom 6 th ladder platform	East side of shaft unfenced, shaft fence loose. Install scaffolding and extend current fence	CMSMS UM UMC	H	NO
Small spaces into stope	L	12 Fathom 6 th ladder platform	Small spaces exist leading into backfilled stope. Minor risk of getting stuck in medium risk area. Add to underground tour briefing. Consider fencing off area	CMSMS UM UMC	L	NO
Open shaft access	H	15 fathom platform	Missing planks behind ladder allowing access into shaft. Replace planks	CMSMS UM UMC	H	NO



Gaps into shaft	H	15 fathom kibble loading area	Shaft flap has enough space on sides for person to squeeze behind into shaft. Also risk of kibble injury. Suggest gating access to area	CMSMS UM UMC	H	NO
Loose ladder	M	15 fathom into old workings	Ladder not fixed at top, requires fixing in position	CMSMS UM UMC	M	NO
Difficult steep terrain, slipping	L	Old workings above access ladder	Terrain difficult and wet. Suggest handline and/ or steps	CMSMS UM UMC	L	NO
Electron Ladder	L	In old workings	Potential for someone to swing climb ladder. Suggest lifting ladder out of reach	CMSMS UM UMC	L	NO
Deep pit, falling	M	Memorial area	Small workings and deep pits potential to fall in. Suggest restricting access with fence	CMSMS UM UMC	M	NO
Access to shaft	M	7 fathom	Access to mid section on electron ladder, potential if climbing over wall and falling down shaft. Suggest fencing off access or iron bars to prevent access	CMSMS UM UMC	M	NO
Loose Ladder	L	7-6 fathom	Ladder is loose but tied on, small chance of throwing person off. Low risk. Suggest fixing top of ladder	CMSMS UM UMC	L	NO
Access to old workings, pits	M	6 fathom	Access to old workings and deep pit. Suggest gating access.	CMSMS UM UMC	M	NO
Access to shaft	M	6 fathom	Small access hole into shaft, top of electron ladder. Current cover needs extending, possibly replacing showing signs of corrosion.	CMSMS UM UMC	M	NO