

OPENSORE

Risk Assessment

Drilling Operations

Hazards Requiring Attention:

0

AS AT

Wednesday, 11 February 2026

Next Review

Thursday, 11 February 2027

Total Hazards Recorded

9

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

9

Low Risk Hazards

0

Risk Matrix - Refer Procedure Risk Management

Probability	Low	Minor	Moderate	Major	Critical
Negligible	L2	L3	L4	M5	M6
Unlikely	L3	L4	M5	M6	H7
Possible	L4	M5	M6	H7	H8
Likely	M5	M6	H7	H8	E9
Almost Certain	M6	H7	H8	E9	E10

Drilling Operations

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Plant & Equipment	Specific Equipment Hazards	4	4	H8	Refer Individual Equipment Risk Assessments for Specific Controls	1	4	M5
Plant & Equipment	Loading/Unloading Drill Rig - Crush Hazard	4	5	E9	1 - Correct machinery unloading process by a competent person. 2 - Ramps are secured in place. 3 - Spotter is engaged. 4 - Assess the worksite for all traffic and pedestrian management requirements. 5 - Appropriate signage.	1	5	M6
Plant & Equipment	Machinery Inspection - Crush, Burn Hazard	3	5	H8	1 - Undertake plant inspection as per the manufacture's guidelines. 2 - Remain alert to the potential for foreign objects entering the eyes, parts of the machinery being hot and sharp protruding objects.	1	5	M6
Plant & Equipment	Working with power/pneumatic tools Electrocution, Injury	5	4	E9	1 - Competent Personnel. 2 - Appropriate Clothing & PPE. 3 - Tools in good order - Inspected before use. 4 - Tools powered through RCD. 5 - Tools tagged and tested.	1	4	M5

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Plant & Equipment	Fuel and Oil Spills - Fire, Environmental Damage	3	4	H7	1 - Only re-fuel in well ventilated areas. 2 - Re-fuel or add oils to plant/machinery by the use of a funnel. 3 - Ensure that no naked flames and/or alight cigarettes are in the vicinity.	1	4	M5
Plant & Equipment	Working Near Plant or Machinery. Collision, Crush Hazard	4	5	E9	1 - Always remain at a safe distance from any operational plant/machinery. 2 - Do not enter a work area unless they are in full view of the plant/machinery operator. 3 - Provide a spotter where required.	2	3	M5
Chemicals	Hazardous Chemicals - Contamination. Environmental Damage	3	4	H7	1 - Refer to the relevant SDS for any chemical being used. 2 - Only use the chemical for its intended use. 3 - Only dispense the amount of chemical required to complete the task. 4 - Non hazardous drilling chemicals. 5 - PPE as per SDS	1	4	M5

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Chemicals	Asbestos	4	5	E9	1 - Asbestos removal not undertaken. Asbestos removed by qualified sub-contractors. 2 - Asbestos Awareness Training	1	5	M6
Work Site	Working Near Vehicular Traffic and or Pedestrians. Collision.	3	5	H8	1 - Assess the worksite for all traffic and pedestrian management requirements. 2 - Erect Signage. 3 - Traffic Management in accordance with documented Work Method Statements	1	5	M6
Work Site	Working near underground utilities and services. Environmental Damage, Electrocuton, Explosion, Flood	5	4	E9	1 - Locate all underground services prior to digging. 2 - Ensure all the DBYD plans are onsite at all times. 3 - Only use hand-tools or non-destructive digging techniques such as vacuum digging until all services are positively identified. 4 - Excavation carried out in accordance with document Work Method Statements	1	5	M6

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Work Site	Excavation Collapsing. Crush Hazard	4	5	E9	1 - Examine the excavation and ensure that shoring is provided or benching and battering techniques are used followed when excavating. 2 - Safe means of access and egress. 3 - Do not place equipment, excavated material or other matter at the edge of an excavation. 4 - 4 - Excavation carried out in accordance with document Work Method Statements	1	5	M6