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| 3x3 Matrix  **THIS 3 x 3 RISK MATRIX is** based on the Risk matrix used at a basic level of evaluation.  It can be used in conjunction with any existing hazard and risk management process such as:   * Hazard / Risk Assessment Register * Safe Work Method Statements * Job Safety Analysis * Incident Investigation * Take 5 | |  | CONSEQUENCE | |  |  |
|  |  | | LOW (1) | MODERATE (2) | | HIGH (3) |
| **LIKELIHOOD** | L3-Likely | | **4**  Medium | **7**  High | | **9**  High |
| L2-Possible  Low | | **2** | **5**  Medium | | **8**  High |
| L1-Unlikely  Low | | **1**  Low | **3**  Medium | | **6** |

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| CONSEQUENCE  of an event occurring | **Type of Potential Harm Event (Incident)** |  |  |
| **Description of ‘HARM’ consequences (Personal injury and Environmental impact)** | | |
| HIGH (3)  Significant level of harm | **Significant level of Harm**:  Potential death, permanent disability or major structural failure/damage. Off-site environmental discharge/release not contained and significant long-term environmental harm. | | |
| **MODERATE (2)**  Moderate level of harm | **Moderate level of Harm:**  Potential temporary disability or minor structural failure/damage. On-site environmental discharge/release contained, minor remediation required, short-term environmental harm. | | |
| **LOW (1)**  Minor level of harm | **Low level of Harm:**  Incident that has the potential to cause persons to require first aid. On-site environmental discharge/release immediately contained, minor level clean up with no short-term environmental harm. | | |

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| **LIKELIHOOD**  **(probability)** | **Frequency of an Event** |  | **MANANGEMENT RESPONSE (Where relating to a risk for a work task)** | | |  |  |
|  |  | **Level of Risk Prior** to control(s) applied | | **Actions to be taken**  Assess/verify proposed hazard controls to be applied in order to reduce residual risk to as low as is practicable | | |
| L3 - Likely | Known to occur, or could happen frequently |  | **7 - 9** | **High** | **STOP** – Will require detailed pre-planning and substantial safe work controls will be required.  Actions (Controls) will be required to be recorded formally on a Safe Work Method Statement (or similar) and authorised by Senior/Responsible Manager. Closely monitor progress & compliance. | | |
| L2 - Possible | Could happen occasionally |  | **4 - 6** | **Medium** | Documented Safe Work Procedure to be used - Will require detailed operational planning and controls.  Actions (controls) will be required to be recorded formally on a Safe Work Method Statement (or similar) prior to starting work. Supervisor confirms person or work crew understand requirements and implement the hazard control(s). | | |
| L1 - Unlikely | May occur in exceptional circumstances |  | **1 - 3** | **Low** | Take 5 or similar used with localised control measures. Supervisor to review work/tasks and discuss at prior to starting task with the person or crew. | | |