

Queensland Mineral Mines and Quarries

Monthly summary report

Compilation of reports for January 2018

Gravity

Fall of ground (3)

- A rock weighing 6 t dislodged from a wall, breached a catch bund and came to rest on an active ramp.
- 300 t of rock fell from a bench at an open pit during the night. No activities were taking place at the time of the rock fall.
- A 5 t rockfall was found following a 0.6 magnitude seismic event. A further 0.9 magnitude event five hours later, coincided with a stope firing, that caused cracking of shotcrete in an area.

Fall of people (1)

- While a Franna crane was being used to move water pipes, a dogman who was giving directions, tripped on a fallen rock and suffered a suspected fractured ankle.

Fall of equipment/material (3)

- While a winch arm at the top of an asphalt bin was being lowered to the ground for repair, the operator lost control. His left hand was crushed between the falling winch arm and a filter box.
- While scaling a face with a Sandvik DD420-60 Jumbo a 'rollover' drive failed, resulting in the boom dropping and the rod coming to rest against the face.
- A Cat 980H loader was cleaning up spillage under a storage bin when the bin doors opened unexpectedly and 20mm aggregate fell onto the cabin of the loader.

Vehicle

Rollover (2)

- A Cat 330 excavator slipped on a flitch face and tipped on its side coming to rest cabin side down. The operator was uninjured and was able to exit the cabin.
- While travelling on the mine access road, the driver of a body truck and dog trailer ran off the shoulder of the road. While regaining control of the vehicle, the driver overcorrected, causing the dog trailer to tip onto its side.

Collision with a natural or built structure (4)

- The driver of a Toyota 4WD leant over to pick up a water bottle that had fallen on the floor. As he did, the vehicle veered off the road and ran over a rock causing minor panel damage.
- The driver of a light vehicle travelling from a drill site to a mine, was temporarily blinded by the sun and lost control of the vehicle, running off the road into a gully.
- A Cat A45 long truck was travelling on a haul road when the operator felt the trailer move. He applied the retarder and the truck slid for approximately 70 m before coming to a stop.
- A camp employee driving an electric buggy, suffered a fractured left leg when their left knee contacted a pole as they drove around a corner. The employee was airlifted to hospital for treatment.

Collision with another vehicle (1)

- The operator of a Cat 980F loader reversed into a Mack semi-tipper that was parked behind the loader. No injuries and minor damage to the truck.

Collision with a person (1)

- While a fitter was on a workshop creeper, greasing the rear trailer of a roadtrain, the truck rolled forward 1 m in an uncontrolled manner. The driver applied the service brake to halt the truck.

Thermal

Fire (4)

- A loader operator sighted smoke coming from transmission cover of the loader, and discharged the fire extinguisher. The cause was an electrical plug that shorted.
- A fire occurred in the engine bay of a track truck. The operator used a fire extinguisher to extinguish the fire.
- While driving on a decline, the operator of a Charmec charge car observed flames in the engine bay. The operator activated the onboard fire suppression system to extinguish the fire.
- An Atlas Copco AD65 truck was hauling ore when the operator noticed flames in his rear-view mirror. They stopped the truck and extinguished the fire using a hand held extinguisher.

Explosives

Misfire (1)

- Following blasting of a quarry bench, two primers and some detonators were found in the muck pile.

Security (1)

- During a stock take of explosives stored in the high explosives magazine a discrepancy existed between stock counted and stock as recorded.

Electrical

Electric shock (4)

- A Jumbo operator installed bolts and mesh over a live 1,000 volt fan starter trailing cable.
- A fitter working in a tyre bay received an electric shock while plugging in an extension lead.
- A fitter was disconnecting a battery charger from electrical extension lead when he received an electric shock.
- While changing coolant on a haul truck, a fitter received a 24V DC electric shock when his forearm contacted exposed wires.

Mechanical

Lifting (1)

- Maintenance workers heard a loud noise and observed the boom of an unattended 220 t Leibherr crane creep down and contact the lights on the ROM bin.

Laceration with sharp object (1)

- A worker manoeuvring out from under a desk hit his head, fell forward and injured their left eye with a chisel they were holding at the time.

Struck by projectile (1)

- While preparing to break out on an exploration drill rig, the drillers offsider was struck on the torso by a pair of stilton's attached to the rod when the rod was rotated.

Biological

Other (1)

- A truck driver tipped a load of demolition waste at a quarry and was preparing the truck to leave site when he received a needle stick injury. The waste he was disposing of contained used needles. Truck driver is undertaking tests.

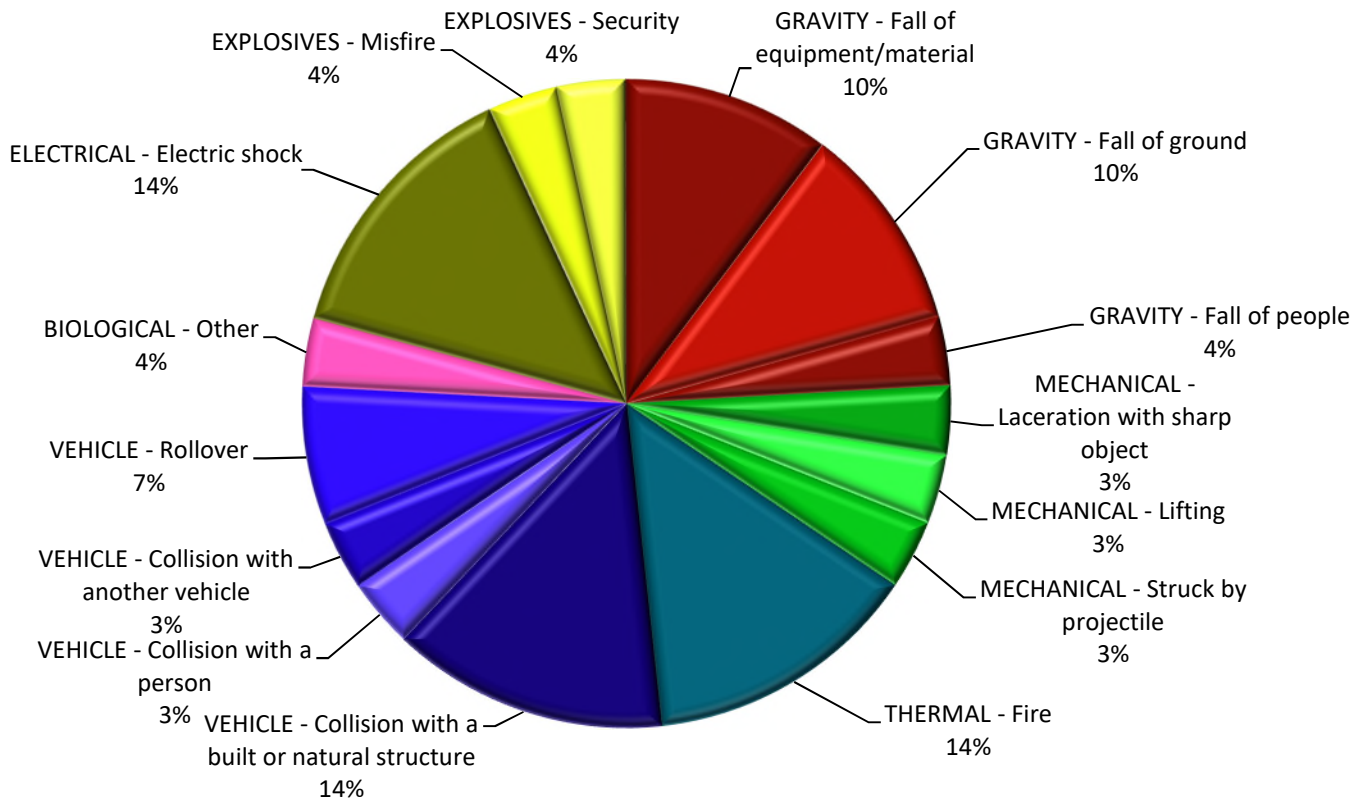


Chart 1- January 2018 (29 incidents)

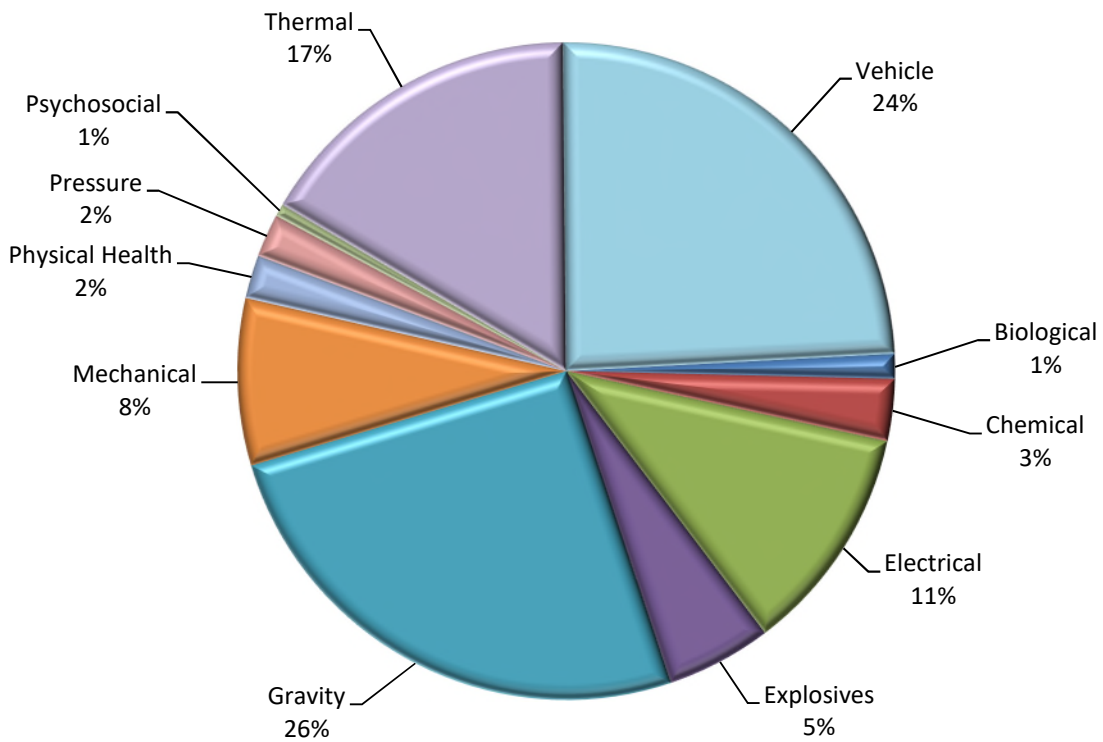


Chart 2 - 12 Month rolling average to end January 2018 by Hazard Category (329 events)

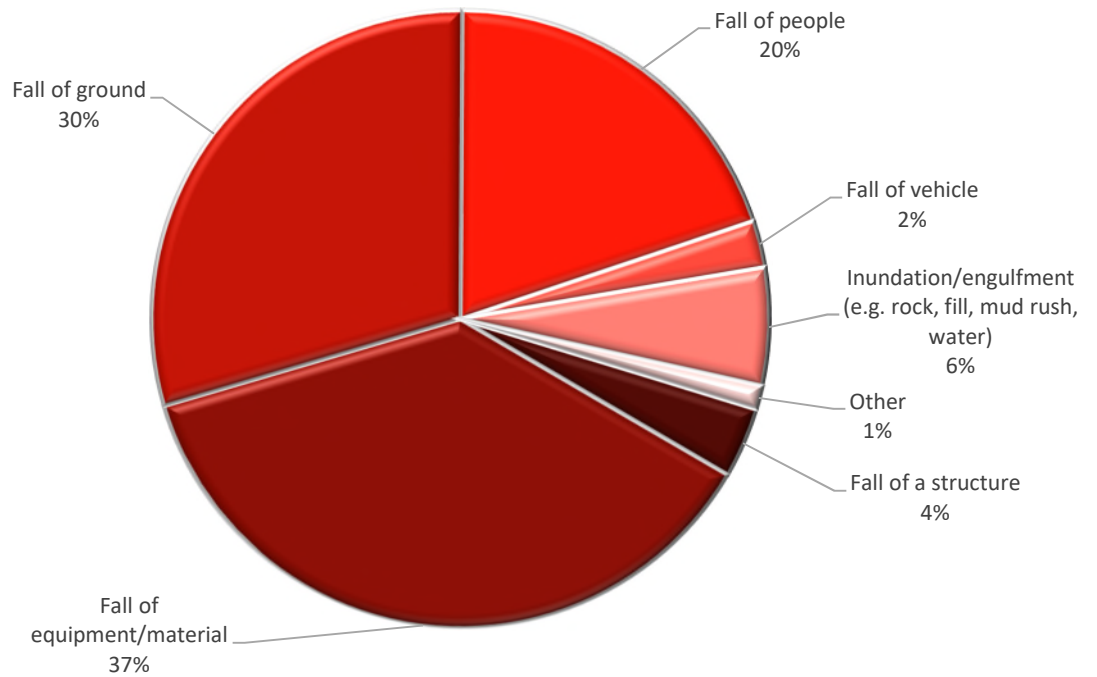


Chart 3 – April 2017 to January 2018 breakdown of Gravity hazard category (81 events)

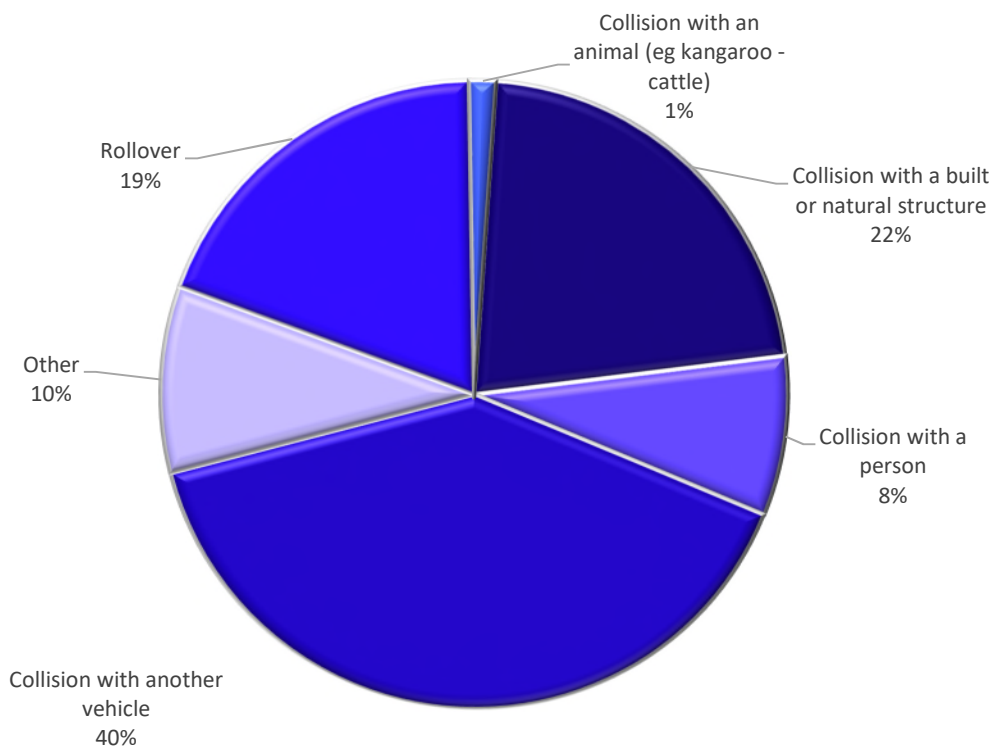


Chart 4 – April 2017 to January 2018 breakdown of Vehicle hazard category (73 events)

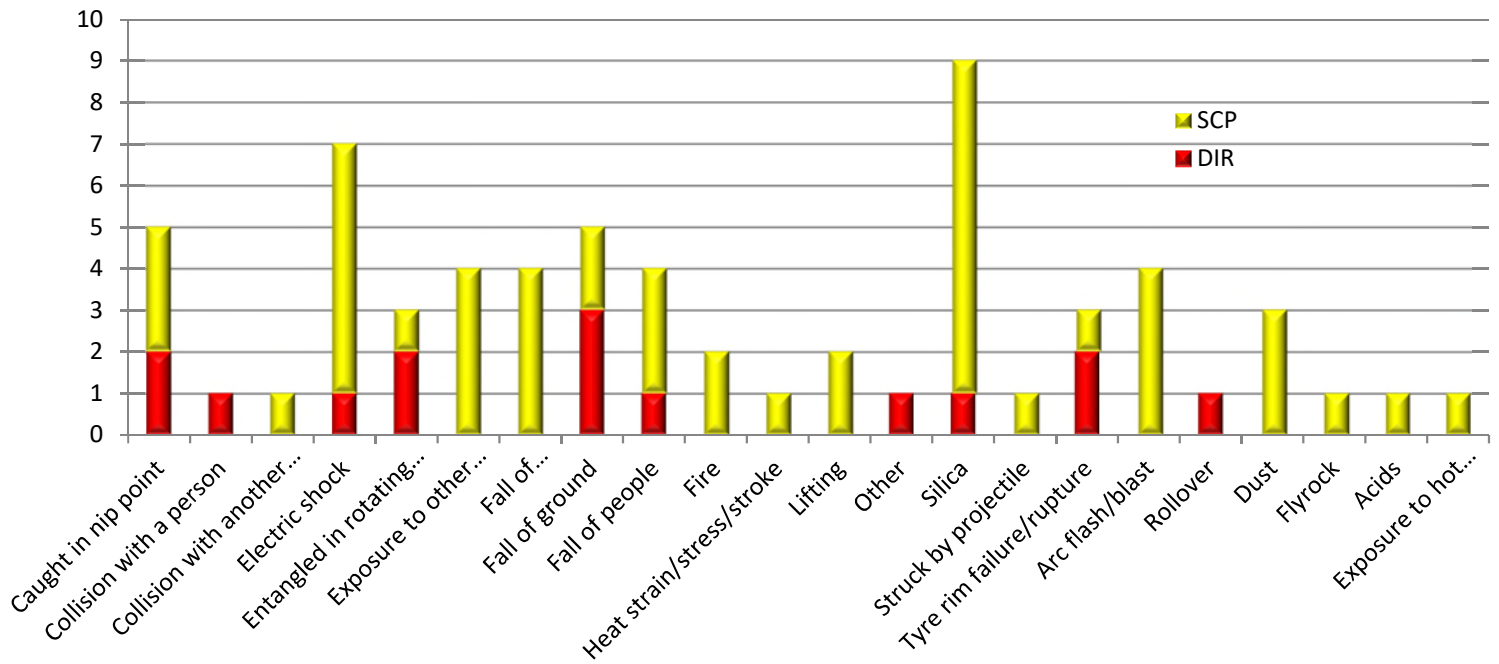


Chart 5 - January 2018 Compliance matters issued by Hazard Category (49 issued)

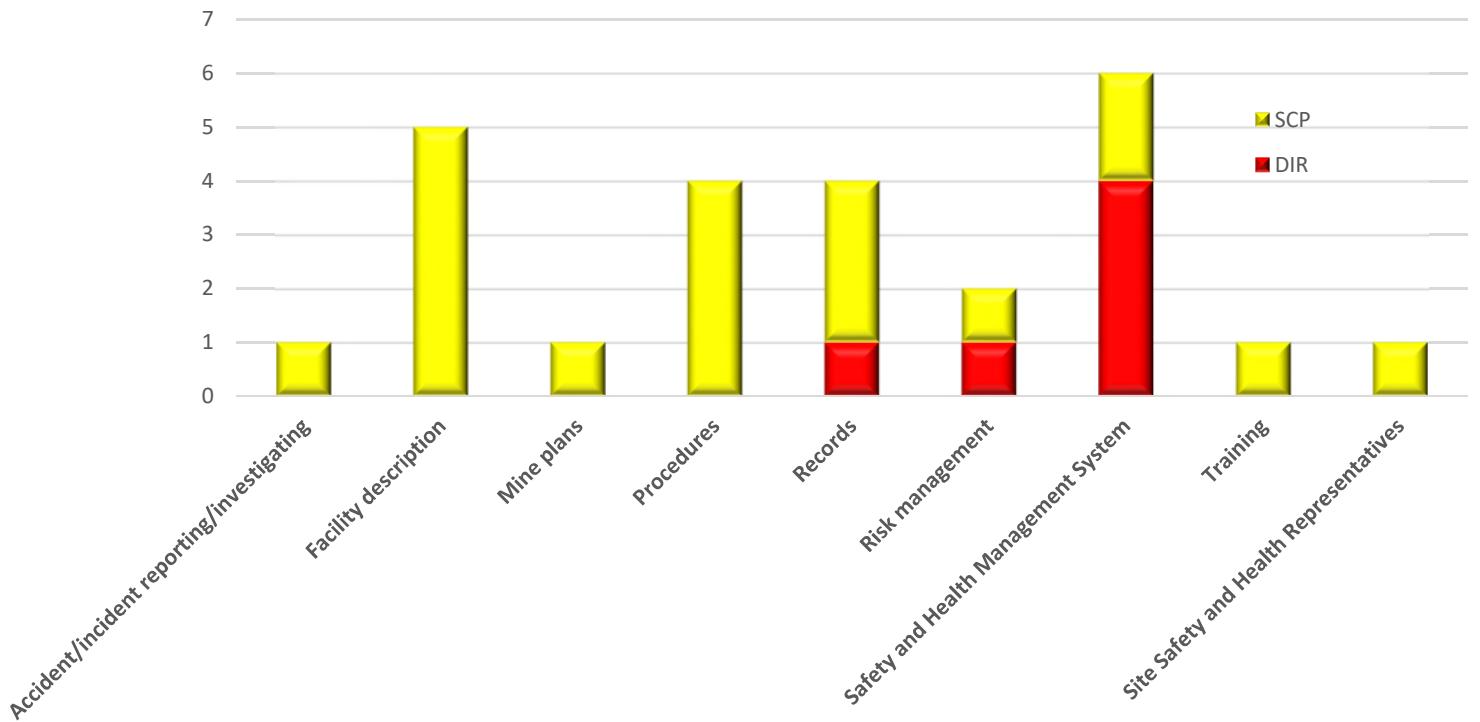


Chart 6 - January 2018 Compliance matters issued by Non-Hazard category (25 issued)

Past Mineral Mines and Quarry summary reports can be sourced at
<https://www.business.qld.gov.au/industry/mining/safety-health/mining-safety-health/accidents-incidents/serious-and-high-potential>