



**NSW
Resources
Regulator**

QUARTERLY REPORT

BUSINESS ACTIVITIES

April to June 2022



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AMENDMENT SCHEDULE

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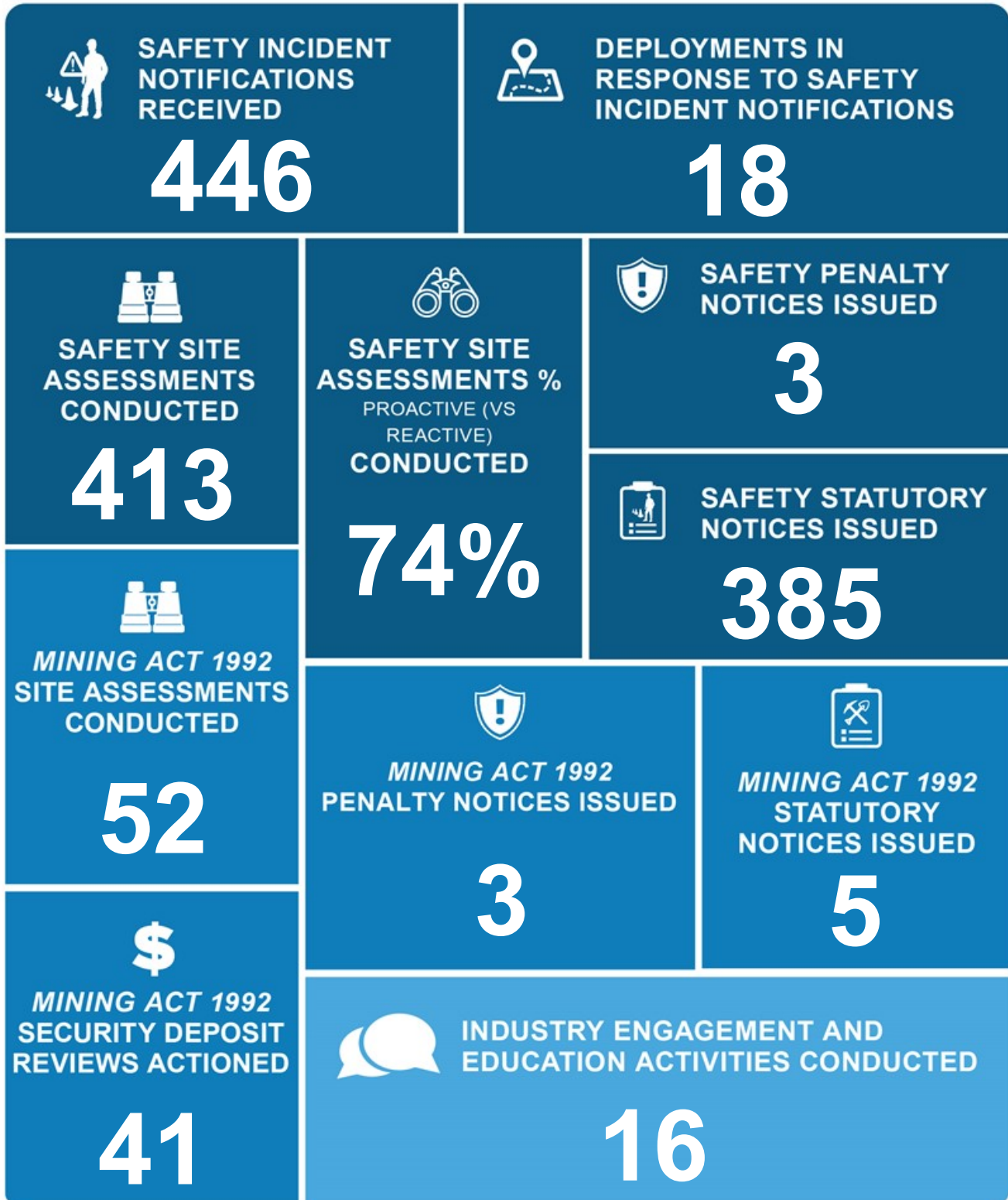
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Activities at a glance

Summary of our regulatory activities



Key activities

The NSW Resources Regulator's key activities during the quarter included:

- Safety Alert on ignition of unidentified flammable substance
- Safety Bulletins on crane incidents, pipe clamp failures, collisions on overburden dumps, issues with forklifts and mobile plant/vehicle fires associated with diesel exhaust treatment
- Small Mines Safety Roadshow workshops focussed on effective supervision, quarry manager practising certificates, on-site management of vehicles and plant, dust management and a number of other topics relevant to the sector
- Public Consultation Draft of the WHS (Mines and Petroleum Sites) Regulation 2022
- Factsheets on bullying and the latest COVID-19 updates
- Three consolidated reports on ground failure, air quality and entanglement in small mines
- Investigation Information Releases on Mandalong workers injured during pipe installation, and an unplanned initiation of explosives at Peak Gold Mine
- Two suspension notices issued to Shree Minerals Ltd and Macquarie Marble and Lime Pty Ltd for failure to comply with approvals and directions respectively
- Agreed variation to a WHS enforceable undertaking made by Winder Controls Australia Pty Ltd in January 2022.

Other publications included:

- 13 editions of the Weekly Incident Summary
- Five editions of Mine Safety News
- Three editions of Mine Rehabilitation News
- One guideline – Exploration rehabilitation security deposits.

For more activities refer to [Mine Safety News](#) and [Mine Rehabilitation News](#).

Work Health and Safety activities

Safety incident notifications

SAFETY INCIDENTS BY DATE NOTIFIED AND SECTOR



DETAILS OF SAFETY INCIDENTS WHERE INSPECTORS WERE DEPLOYED THIS QUARTER

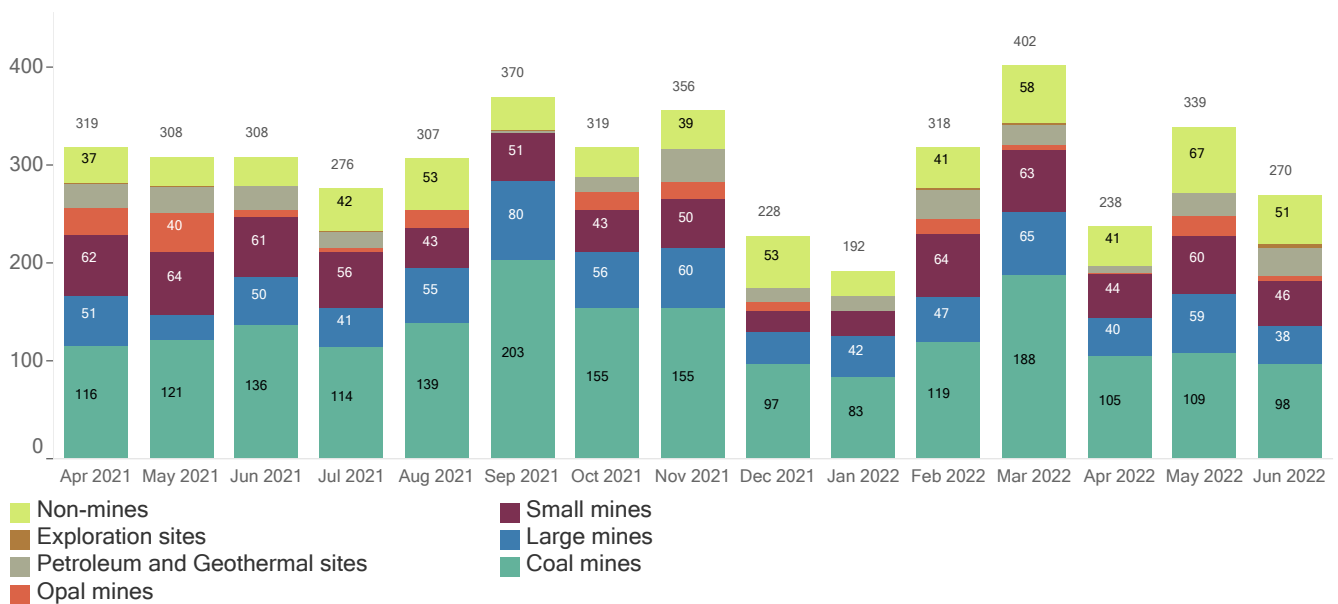
DATE NOTIFIED	REPORTING SECTOR	HAZARD	INCIDENT
9 April	Coal mines	Mechanical engineering control plan	An operator was jammed between the top of a roof drill rig and rib bolter fence on a continuous miner.
11 April	Coal mines	Mechanical engineering control plan	After firing, blast fumes affected ten workers. All were transferred to hospital for observation.
11 April	Coal mines	Ground or strata failure	A dozer slumped about two metres while pushing into a valve from a stockpile.
20 April	Coal mines	Roads or other vehicle operating areas	At the overburden dump, a dozer and rear dump truck collided while both reversing.
28 April	Large mines – Metalliferous and Quarries	No related principal mining hazard or principal control plan	A worker suffered a medical event onsite after work hours.

DATE NOTIFIED	REPORTING SECTOR	HAZARD	INCIDENT
3 May	Opal mines	Roads or other vehicle operating areas	A track mounted drill rig slewed and toppled on its side (cab side up).
15 May	Coal mines	Roads or other vehicle operating areas	A truck and dozer collided on a tip head.
16 May	Coal mines	Fire or explosion	A return tracking frame roller collapsed resulting in rubbing on the frame which caused flame and embers.
16 May	Coal mines	Ground or strata failure	Fall of roof above bolted horizon.
17 May	Coal mines	Roads or other vehicle operating areas	An operator's micro sleep resulted in a loaded vehicle to ride onto a windrow and roll onto the driver's side.
17 May	Coal mines	Mechanical engineering control plan	A worker was struck in the head by a 6-inch metal end-cap while re-energising an air and water line.
26 May	Coal mines	Roads or other vehicle operating areas	A dozer reversed into a truck which caused damage to the rim and guard.
27 May	Coal mines	Fire or explosion	Dump truck mechanical failure resulted in flames behind the cab.
3 June	Coal mines	No related principal mining hazard or principal control plan	An electrician conducting gas calibration work experienced a medical event and was taken to hospital for further assessment.
6 June	Large mines – Metalliferous and Quarries	Roads or other vehicle operating areas	A dozer was tramping backwards, too close to the edge of the dump and with a soft edge has slid off bench.
7 June	Coal mines	Fire or explosion	A boilermaker was welding the boom of a face shovel generating blow back which singed operator's facial hair.

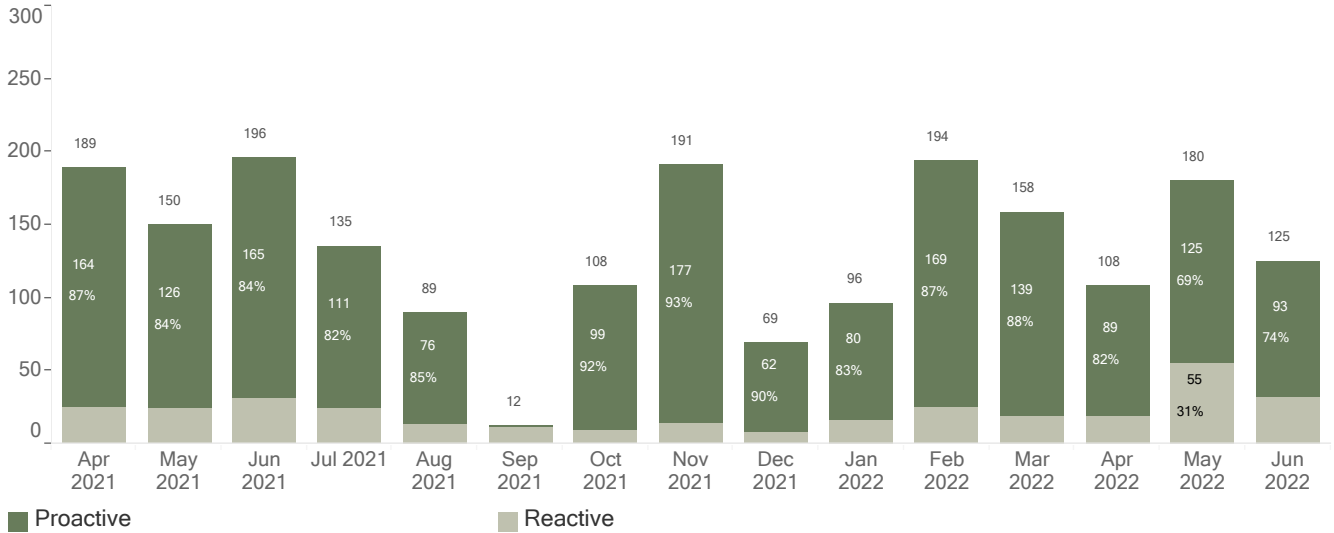
DATE NOTIFIED	REPORTING SECTOR	HAZARD	INCIDENT
15 June	Coal mines	Mechanical engineering control plan	A dozer reversed sliding off the side of a bench. The dozer did not roll over but could not drive out under its own power.
17 June	Large mines – Metalliferous and Quarries	No related principal mining hazard or principal control plan	A worker was struck in the mouth by a steel bar ejected from a surface jaw crusher while on a platform adjacent to the crusher.
TOTAL			18

Safety assessments

SAFETY ASSESSMENTS CONDUCTED BY SECTOR



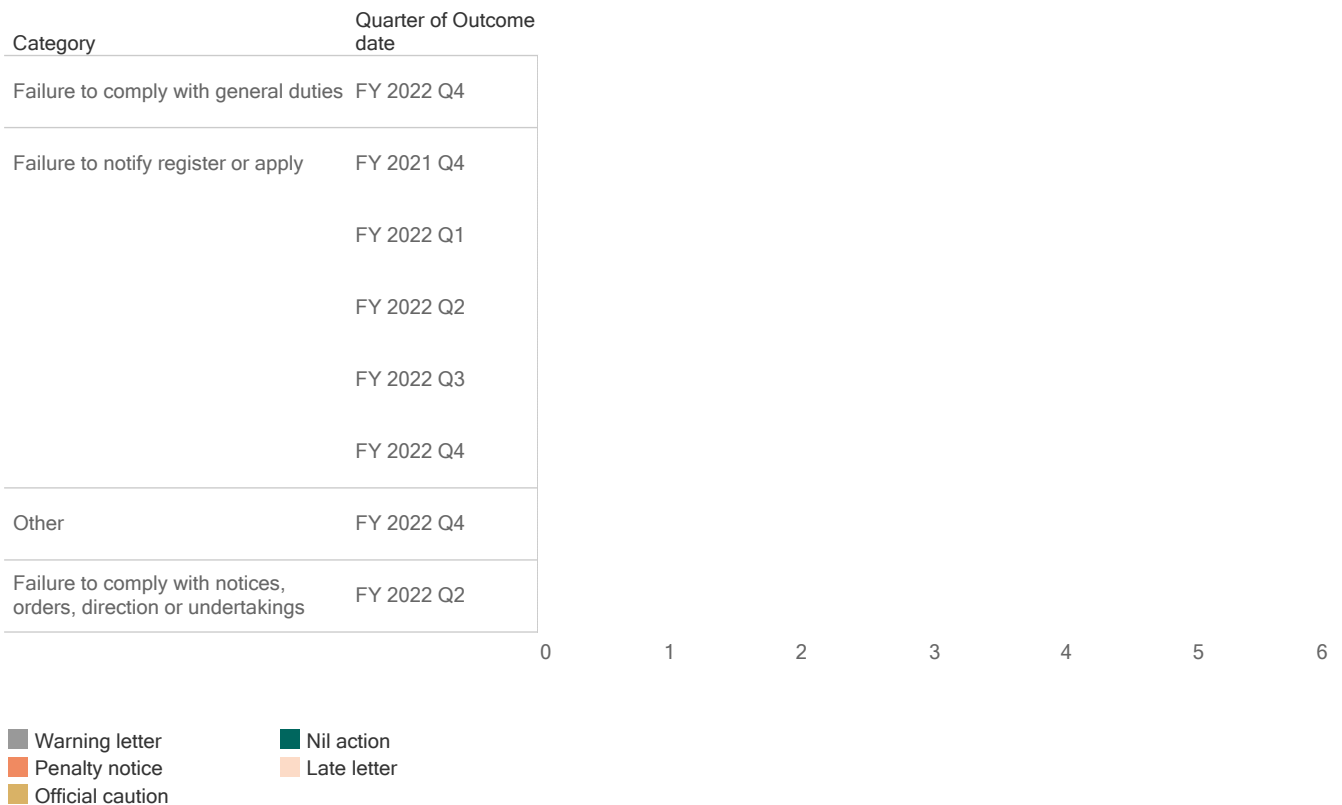
PROACTIVE AND REACTIVE SAFETY SITE ASSESSMENTS CONDUCTED*



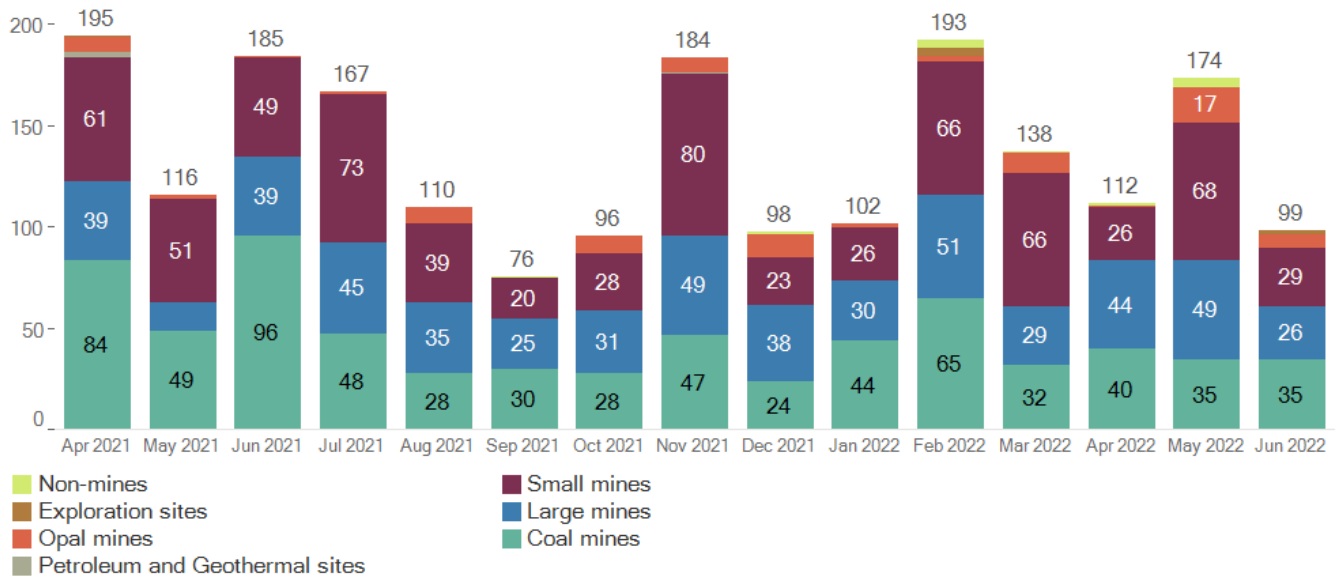
* Fluctuations in the number of site assessments were due to COVID-19

Safety compliance and enforcement activities

SUSTAINED SAFETY NON-COMPLIANCES BY CATEGORY AND RESPONSE



SAFETY NOTICES ISSUED BY SECTOR



DETAILS OF KEY SAFETY ENFORCEMENT ACTIONS THIS QUARTER

ENTITY	AUTHORITY	ACTION	ALLEGATION/FINDING
Chain Valley Colliery	WHS (Mines) Act 2013, section 15 (1)	Penalty \$3,000	Failure to comply with notification requirements under section 15
Chain Valley Colliery	WHS (Mines) Act 2013, section 16	Penalty \$3,000	Failure to comply with notification requirements under section 16
Chain Valley Colliery	WHS (MPS) Act 2013, section 17	Penalty \$3,000	Failure to preserve an incident site classified as dangerous under clause 179

DETAILS OF SAFETY PROHIBITION NOTICES ISSUED THIS QUARTER

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
AMR Mining Pty Ltd	MC17830	All mining operations.
Individual	MC40754	All mining operations.
Blue Ridge Quarry	Blue Ridge Quarry	The mobile EXTEC screen on site in the top screening area is not to be operated for production purposes.
Blue Ridge Quarry	Blue Ridge Quarry	The Pegson 1000 mobile cone crusher on site in the top screening area is not to be operated for production purposes.

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
Blue Ridge Quarry	Blue Ridge Quarry	The mobile Maximus 518T screen on site in the top screening area is not to be operated for production purposes.
Blue Ridge Quarry	Blue Ridge Quarry	The Pegson 1000 SR mobile cone crusher on site in the top screening area is not to be operated for production purposes.
Centennial Mandalong Pty Ltd	Mandalong Mine	No services pipe work is to be completed unless it is an emergency repair and approved by the Mining Engineering manager.
Individual	MC50114	All mining operations.
Cobar Management Pty Ltd	CSA Mine	Travelling up or down the 7 to 8 level main decline ramp on foot or in a piece of plant or equipment without a suitable ROPS/Fops cabin fitted.
Graymont (NSW) Pty Ltd	Galong Limestone Mine	Energisation of the 11kv supply feed from the RMU located in the mines 66kv switchyard to the Solar Farm transformer.
Individual	MC56426	Platform placed in materials hoist bucket is not to be used for transporting (lifting or lowering) persons in the shaft.
Hanson Construction Materials Pty Ltd	Hanson - Canberra Quarry	Workers and/or machinery entering within the bunded area surrounding the dust stockpile.
Individual	MC60661	All mining operations.
Helensburgh Coal Pty Ltd	Metropolitan Colliery	Operation of MD2 drift conveyor belt.
Individual	MC52557	All mining operations.
Individual	MC11731	All mining operations.
Individual	MC25031	All mining operations.
Individual	MC47126	All mining operations.
Mancala Pty Ltd	Pyrite Hill Bulk Sample (ML86)	Energisation of the 500KVA Volvo generator, 500KVA 415/1000V step up transformer or associated electrical infrastructure.

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
Manuka Resources Ltd	Manuka Mine	No live electrical work or live electrical testing of electrical circuits or apparatus at a voltage above extra low voltage until the mine has complied with the requirements for high risk activities (HRA) notifications under the Work Health and Safety (Mines and Petroleum Site) regulation 2014 clause 33.
Individual	MC61161	All mining operations.
Individual	MC61700	Use of said extension lead (electrical cable).
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations - Open Cut	The operation and use of Forklift - Plant 436.
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations - Open Cut	The operation and use of Welder MCOL-OC-WD003.
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations - Open Cut	Any hot work on or inside LHS boom pivot pin housing (chassis rail) and surrounding support structure.
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations - Open Cut	Use of any gas cutting, heating or gas welding equipment used on the hot work process at the time of the incident.
MSQ Australia Pty Ltd	Maroota Sandstone	The forklift on site cannot be operated by a person not holding a High-Risk Work Licence.
Mt Arthur Coal Pty Limited	Mt Arthur North - (incl CHPP)	No mining or construction activities are to occur within 50 metres of the interface excavation, (excavated on 7 April 2022), until the extent of the old-capped tailings dam (SP2) area of impact is known, and proven stable and safe for the dam construction and abutment works to proceed.
Mt Arthur Coal Pty Limited	Mt Arthur North - (incl CHPP)	No dozer operators are to operate a dozer on the CHPP reclaim stockpile until they have undergone retraining.
Mt Arthur Coal Pty Limited	Mt Arthur North - (incl CHPP)	Trainee dozer operators are not to operate a dozer on the CHPP reclaim stockpile.
Narrabri Coal Operations Pty Ltd	Narrabri Colliery	The lowering, raising or removal of roof bolting rigs through application of slinging techniques and removal of mounting bolts on 12CM30 continuous miners at Narrabri Colliery is prohibited.

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
Neill Earthmoving Pty Ltd	EL 6162 Hera Gold	Access to the box cut for production activities.
Peak Gold Mines Pty Ltd	Peak Gold Mine	All blasting activities.
Peak Gold Mines Pty Ltd	Peak Gold Mine	<ol style="list-style-type: none"> 1. Prohibited all blasting at New Chesney (New Cobar) and Peak Gold using IKON detonators until an investigation has been undertaken to determine the unplanned initiating of the IKON blast. 2. Access is prohibited to Stope 21L and 25L North. Excepted for purposes of investigating the unintentional initiating of the stope and assessing the blast area to develop a recovery plan for the safe retrieval of explosives that have failed to fire due to the unintentional initiating of the blast. 3. Access is prohibited to Stope 21L and 25L North. Excepted for purposes of the safe retrieval of unfired explosives.
Peak Gold Mines Pty Ltd	Peak Gold Mine	Prohibited mains electrical firing at the mine via the mains 240-volt firing system for all blasts.
Perilya Broken Hill Ltd	North Mine	Access into the underground workplace.
Individual	Lightning Ridge Mineral Claims District	Attempted recovery of drill rig 176 is prohibited until a risk assessment has been undertaken to identify the hazards associated with the recovery and appropriate controls are applied.
Individual	MC61943	Lifting or lowering of persons on or in non-approved devices.
Ravensworth Operations Pty Ltd	Ravensworth Operations Incl CHPP	Retrieval of amphibious excavator SP14 from the Cumnock void tailings dam.
Ravensworth Operations Pty Ltd	Ravensworth Operations Incl CHPP	Personnel entering active tailings dams, either as pedestrians or in mobile plant, except for geotechnical personnel for the purpose of conducting an assessment. The retrieval operation for excavator SP14 from the tailings dam is exempt from this prohibition notice once the directions of S.195 notice #10466 are met.
Ravensworth Operations Pty Ltd	Ravensworth Operations Incl CHPP	The operation of amphibious excavator SP14 and the Argo amphibious recovery vehicle SP15. The once-off retrieval operation for excavator SP14 from the

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
		tailings dam (from the incident on 29/06/2022) is exempt from this prohibition notice.
Stoneco Pty Ltd	Timor Limestone Quarry	No person or machine to enter within a zone of 15 meters from the toe of the current production face.
Stoneco Pty Ltd	Timor Limestone Quarry	Use of the portable jaw crusher currently positioned in the limestone quarry.
Stoneco Pty Ltd	Timor Limestone Quarry	No person is to proceed along the walkways beyond the side doors of the identified Volvo A25D articulated dump truck unless it is to enter the cabin.
Individual	MC31687	All mining operations.
Tritton Resources Pty Ltd	Tritton Copper Mine	All stoping operations in the Budgerygar orebody is prohibited until WHS (M&PS) R 2014 CI 96(2) is complied with by the mine operator.
Tritton Resources Pty Ltd	Tritton Copper Mine	Access to the top level of the Primary Crusher whilst the Primary Crusher is in operation.
Wilpinjong Coal Pty Ltd	Wilpinjong Coal Mine	The firing of blasts where persons are located within a 1000 metre exclusion of the blast location.
Wollongong Coal Ltd	Russell Vale Colliery	Operation of the fletcher bolter for installing bolts without a written procedure.
Individual	MC61576	Use of the material hoist ladderway/access system to access and exit the mine.
TOTAL		50

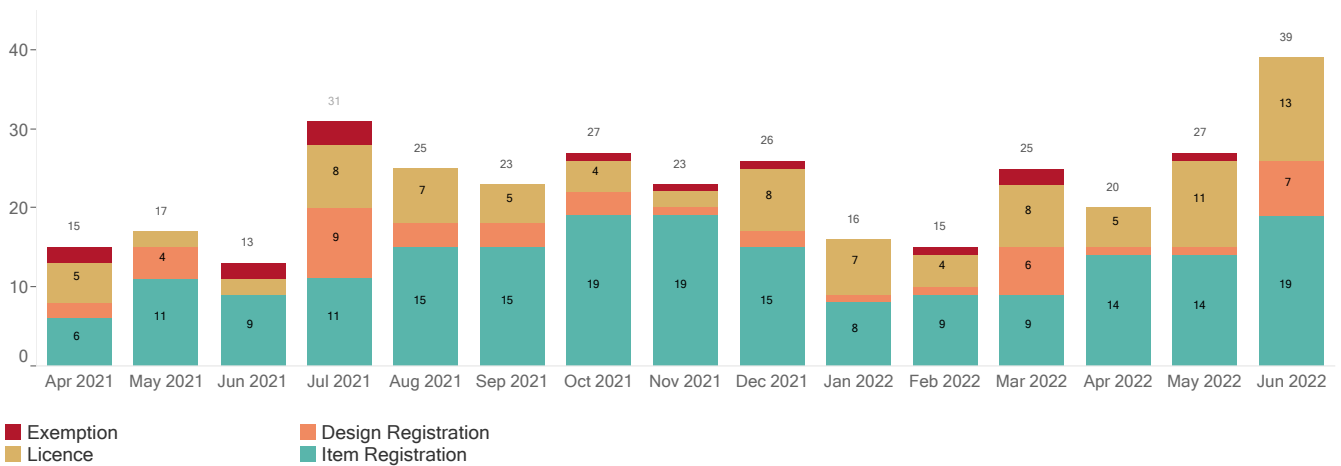
Mining competencies activities

COMPETENCE AND PRACTISING CERTIFICATES GRANTED



Mining authorisation activities

EXEMPTIONS, LICENCE, DESIGN AND ITEM REGISTRATIONS GRANTED

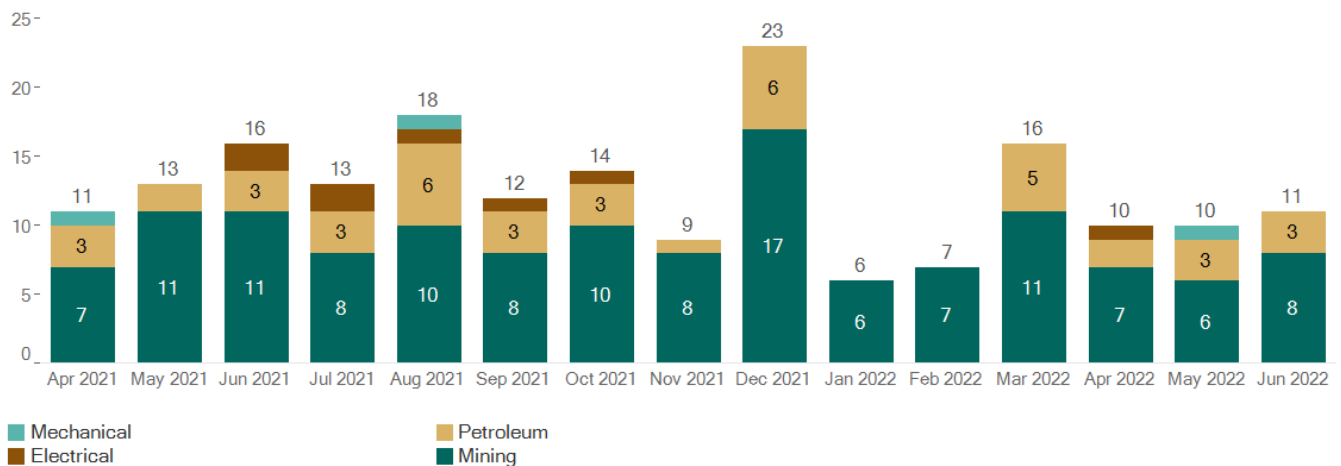


DETAILS OF EXEMPTION APPLICATIONS REFUSED THIS QUARTER

MINE	REGULATION PROVISIONS
Dartbrook CPP	Cl 14 (d) Content of safety management system Cl 85 (5) (b) (iii) Inspection plan
TOTAL	1

High risk activity notifications

HIGH RISK ACTIVITY NOTIFICATIONS RECEIVED BY ENGINEERING DISCIPLINE



DETAILS OF HIGH RISK ACTIVITY NOTIFICATIONS RECEIVED THIS QUARTER

LEGISLATION*	TYPE OF HIGH RISK ACTIVITY	NO.
WHS(MPS) Reg Sch 3 cl 2	Electrical work on energised electrical equipment	1
WHS(MPS) Reg Sch 3 cl 8	Roadway or drift without intersection for 250 metres	2
WHS(MPS) Reg Sch 3 cl 10	Sealing	3
WHS(MPS) Reg Sch 3 cl 11	Conduct of hot work in a hazardous zone	1
WHS(MPS) Reg Sch 3 cl 12	Driving underground roadway that is wider than 5.5 metres	1
WHS(MPS) Reg Sch 3 cl 15	Formation of non-conforming pillars	5
WHS(MPS) Reg Sch 3 cl 16	Secondary extraction	3
WHS(MPS) Reg Sch 3 cl 27	Emplacement areas	3
WHS(MPS) Reg Sch 3 cl 32	Decommissioning a well	7
WHS(MPS) Reg Sch 3 cl 33	Suspending a well	1
WHS(MPS) Reg Sch 3 cl 35	Tailings storage facilities	4

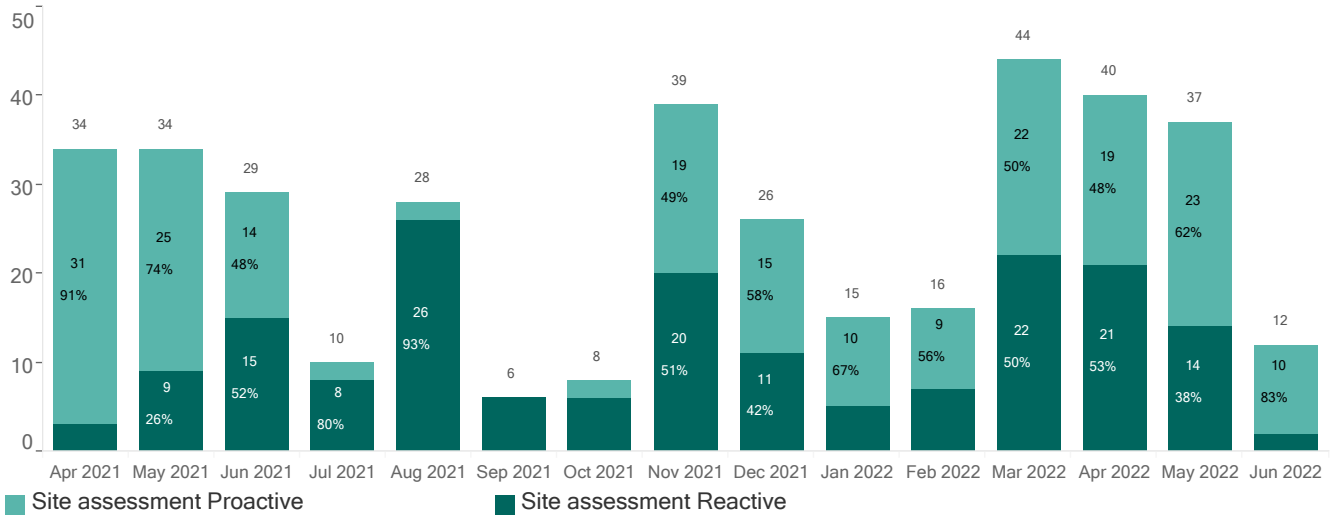
LEGISLATION*	TYPE OF HIGH RISK ACTIVITY	NO.
TOTAL		31

*Work Health and Safety (Mines and Petroleum Sites) Regulation 2014

Mining Act 1992 activities

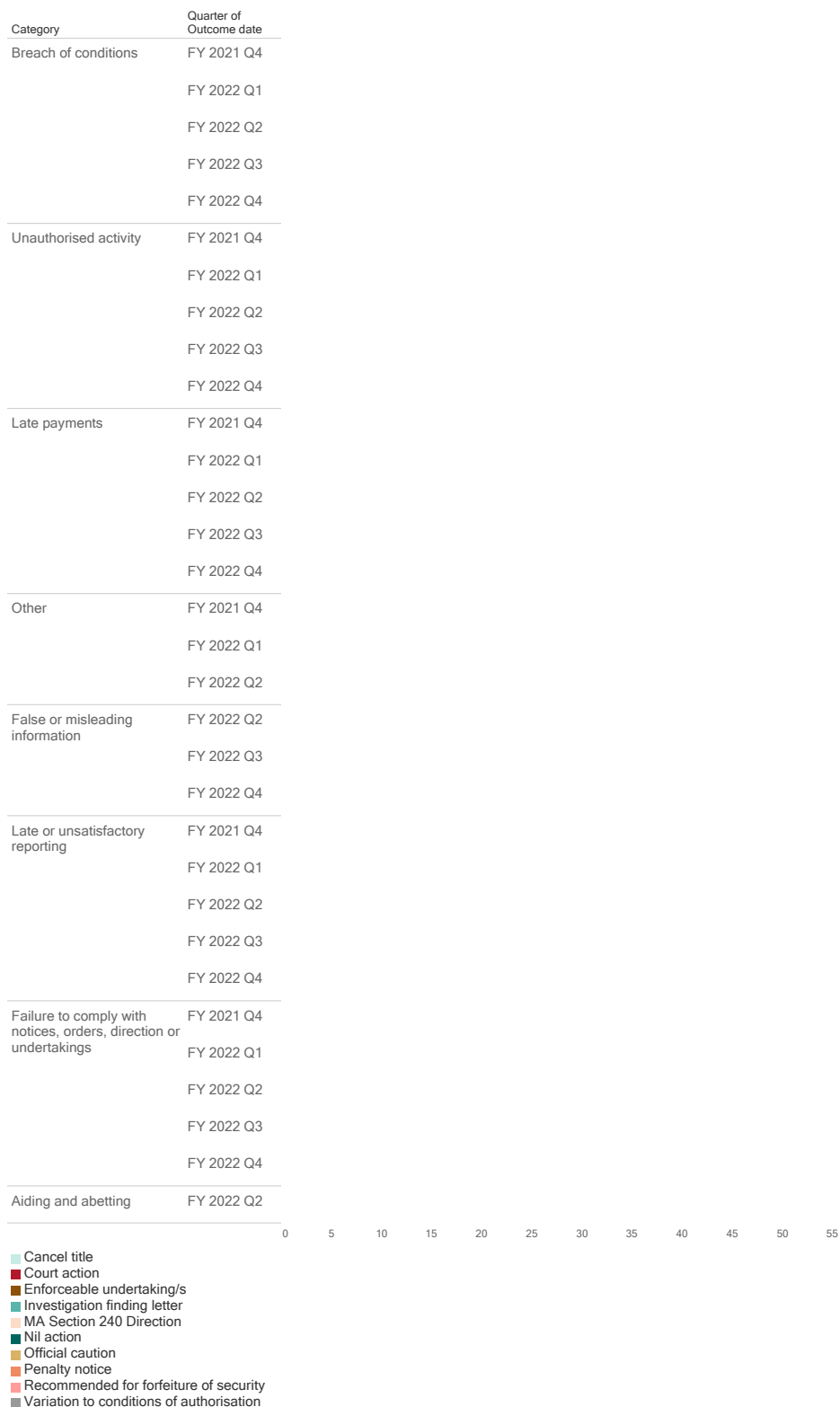
Mining Act assessments

PROACTIVE AND REACTIVE MINING ACT SITE ASSESSMENTS CONDUCTED



Mining Act compliance and enforcement activities

SUSTAINED MINING ACT NON-COMPLIANCES BY CATEGORY AND RESPONSE



MINING ACT NOTICES ISSUED BY TYPE



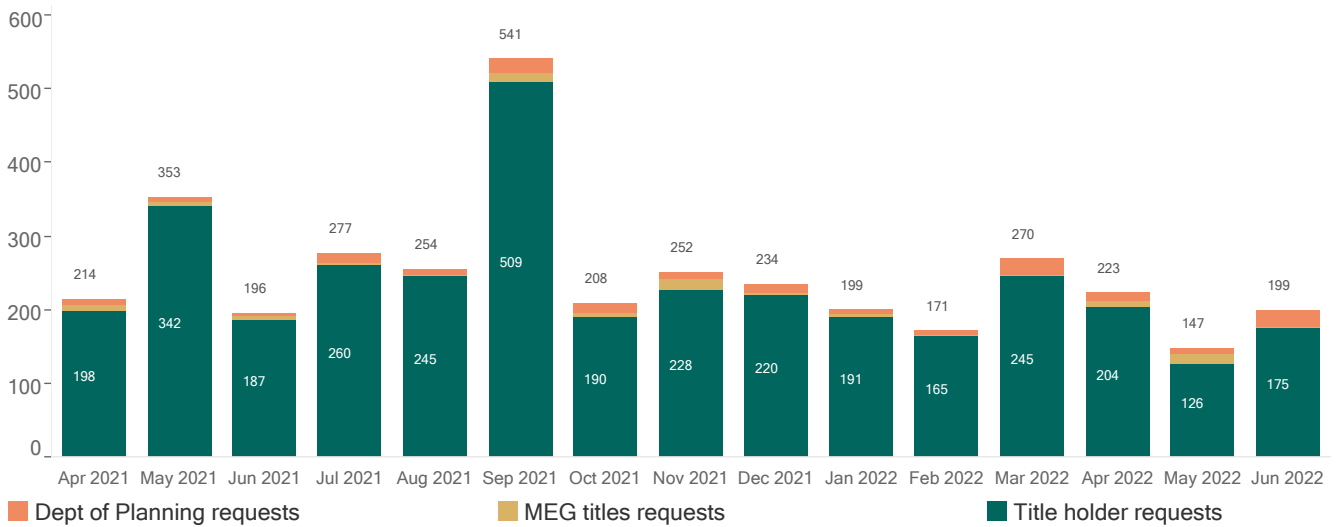
DETAILS OF KEY MINING ACT ENFORCEMENT ACTIONS THIS QUARTER

ENTITY	AUTHORITY	ACTION	ALLEGATION/FINDING
Shree Minerals Ltd	Mining Act 1992, section 240AA	Suspension notice	Failure to comply with activity approval
Macquarie Marble and Lime Pty Ltd	Mining Act 1992, section 240AA	Suspension notice	Failure to comply with statutory directions issued by notice under sections 240(1)(c) and (d)
TOTAL			3

Mining Act requests for service

Requests for service includes requests from title holders and other branches within Mining, Exploration and Geoscience concerning the administration of mining authorisations, and requests from either the NSW Department of Planning and Environment or a local consent authority relating to development assessment applications under the NSW *Environmental Planning and Assessment Act 1979*.

MINING ACT ACTIONED REQUESTS FOR SERVICE



Mining Act rehabilitation completion

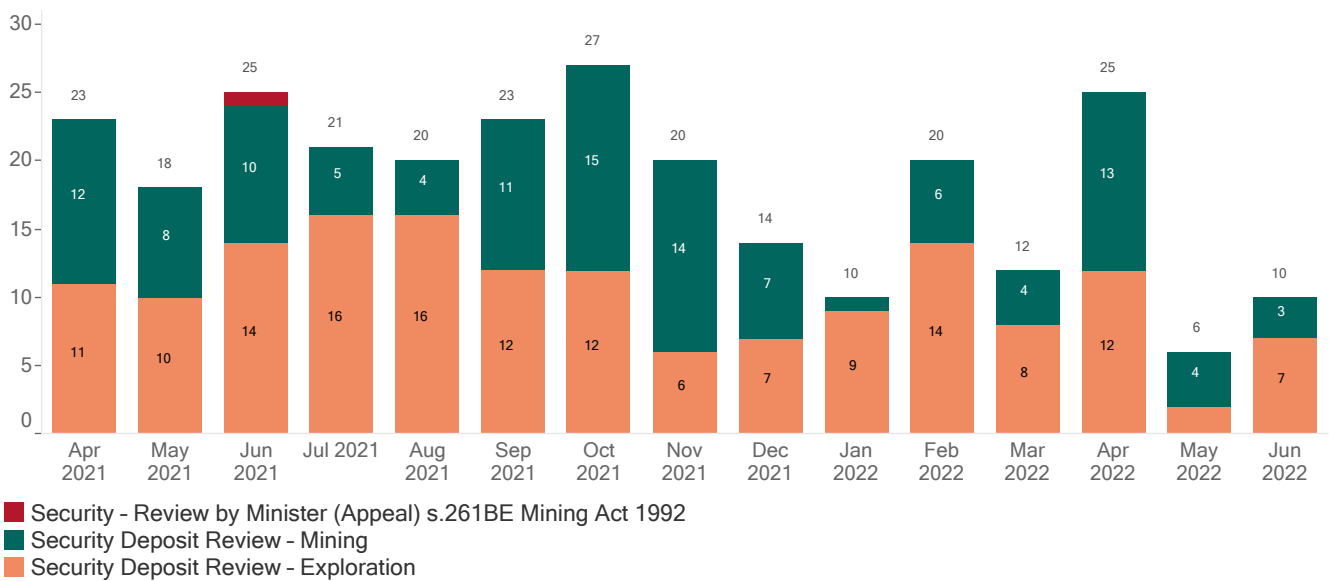
MINING ACT REHABILITATION ACTIONS COMPLETED



Rehabilitation security deposit review

Our inspectors regularly assess the surface disturbance (or proposed disturbance) of a mine or exploration site to calculate the security deposit. This is known as the assessed deposit. Once the assessed deposit is determined, we advise the area within Mining, Exploration and Geoscience responsible for title administration who vary the condition of the title and seek the additional funds - or in the case of satisfactory rehabilitation, returns some or all of the security deposit.

REHABILITATION SECURITY DEPOSIT REVIEWS ASSESSED



Industry engagement activities

Committees and other industry body involvement

COMMITTEES AND OTHER INDUSTRY BODY INVOLVEMENT

COMMITTEE / BODY	DETAIL
Earth Moving Equipment Safety Round Table – Equipment fires	Monthly meetings (2)
Earth Moving Equipment Safety Round Table – Tyres and rims	Monthly meetings (2)
Standards Association – ME-005 Cranes	Committee meetings (3)
Standards Association – ME-063 Earthmoving Equipment	Committee meetings (2)
Standards Association – ME-018 Mining Equipment	Committee meetings (2)
Upper Hunter Mining Dialogue	Joint environment working group
Total	12

External education and engagement activities

WORKSHOPS AND INFORMATION SESSIONS

TYPE OF ACTIVITY	LOCATION	DETAIL
Information session	Dareton	Small Mines Roadshow
Training session	Online	Lightning Ridge Opal Mine Safety Workshop (2)
Webinar	Online	Rehabilitation Reform Online Form Webinar (3)
TOTAL		4

Publications and alerts

MEDIA RELEASES, NEWSLETTERS, SAFETY ALERTS AND BULLETINS, AND OTHER PUBLICATIONS

TYPE	NUMBER
Enforceable undertaking	1
	12
Investigation information release	2
Mine rehabilitation news	3
Mine safety news	5
Reports	8
Safety alert	1
Safety bulletin	5
Weekly incident summary	13
Grand Total	50