
Quarterly business activities report

July to September 2022

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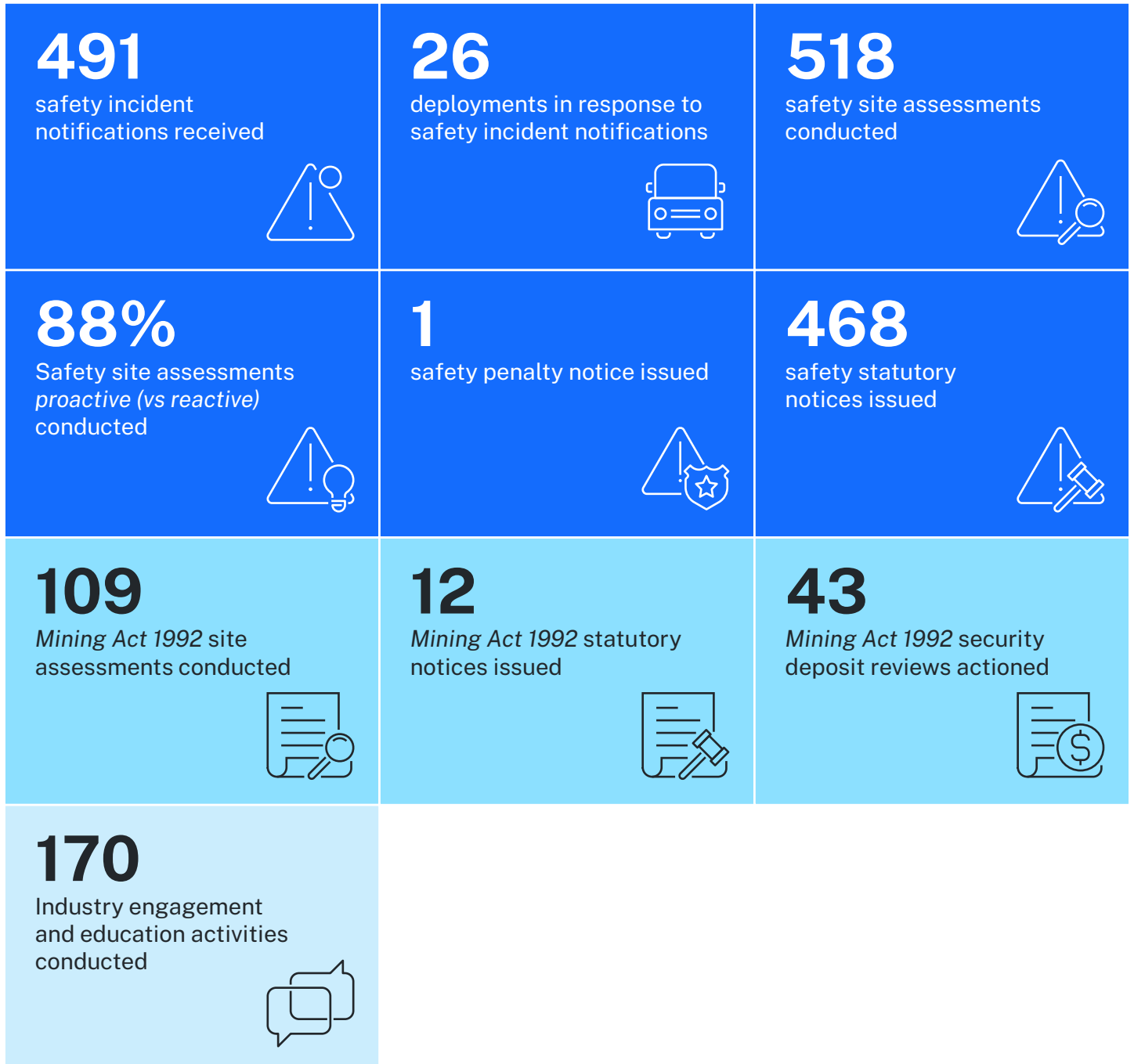
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Activities at a glance



Key activities

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

- Young Mining convicted and fined \$197,855 for breaches under the WHS Act and Mining Act
- Inaugural metalliferous sector Mining Engineering Managers (MEM) quarterly meeting at Dubbo, with 53 attendees (including dial in attendees from Broken Hill)
- Two-day Mechanical Engineering Safety Seminar (MESS) in Sydney with 222 attendees
- Causal investigation report on an unplanned initiation of explosives
- Safety alerts on incidents involving an overturned pontoon pump and an active tailings dam
- Safety bulletins on mobile lighting plant, photovoltaic and battery energy supply systems, and fires occurring on mobile manufacturing unit trucks
- Investigation reports on a dangerous incident at Boggabri Coal Mine, the serious injury of a worker at Myuna Colliery and an investigation information release concerning the serious injury of worker at Appin Colliery
- Technical reference guides on winding systems for small gemstone mines and braking systems used in underground transport
- Reports on fires on mobile plant, proximity awareness and collision avoidance, planned inspections, compliance priorities and compliance audits
- Media releases concerning changes to the Work Health and Safety (Mines and Petroleum Sites) Regulation which came into effect on 1 September.

Other publications included:

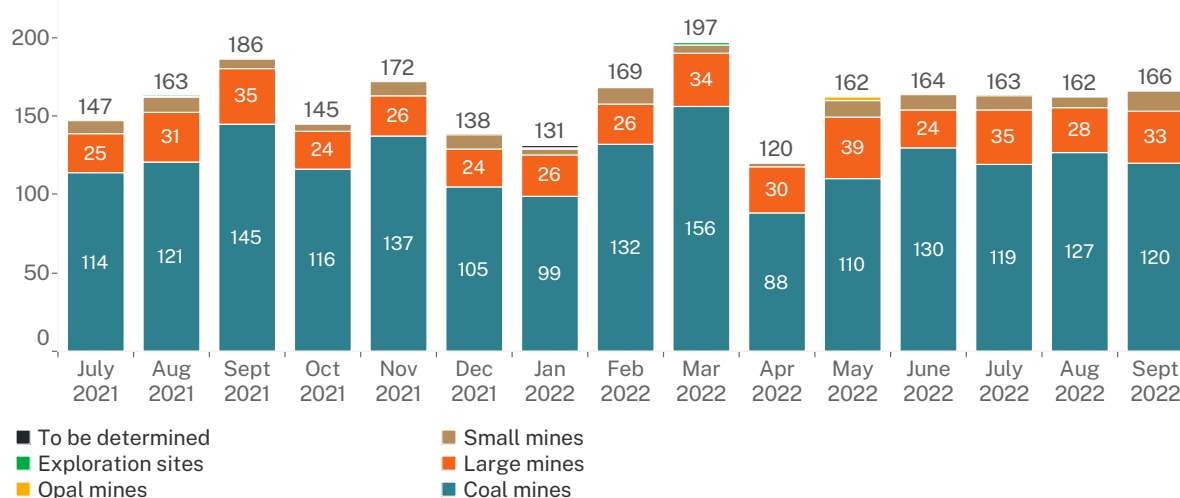
- 14 editions of the Weekly Incident Summary
- 7 editions of Mine Safety News
- 2 editions of Mine Rehabilitation News
- 46 guidance materials, including fact sheets.

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



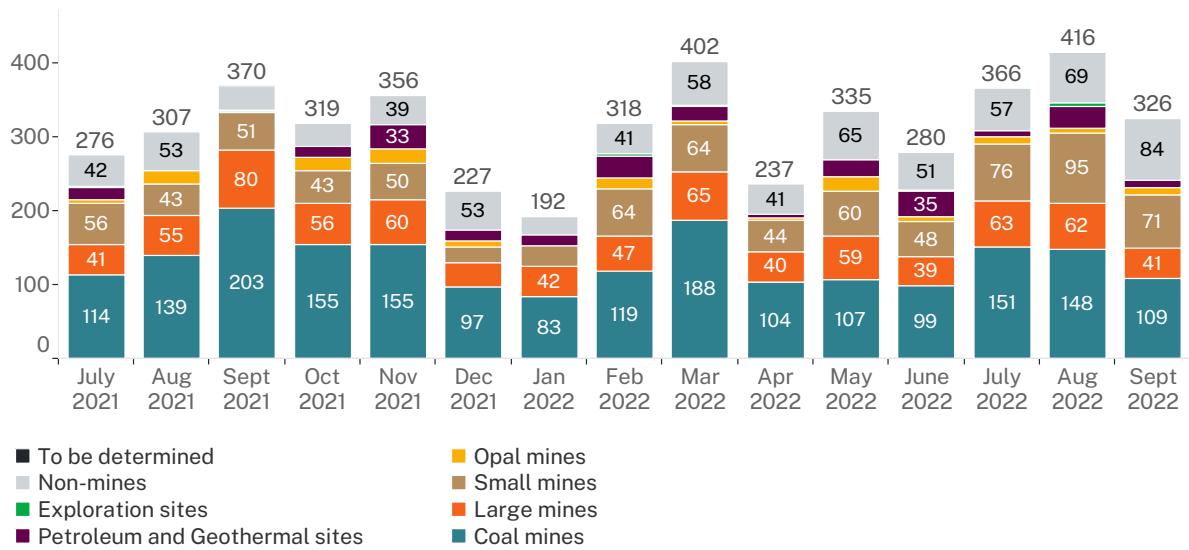
Details of safety incidents where inspectors were deployed this quarter

Date notified	Reporting sector	Hazard	Incident
4 July	Large mines –metalliferous and quarries	Roads or other vehicle operating areas	Truck reversed into dozer on the ROM pit head.
6 July	Large mines –metalliferous and quarries	Ground or strata failure	The side of a stockpile slipped into a gully due to heavy rain.
11 July	Coal mines	Ground or strata failure	Material fell from a highwall and landed on a dump truck receiving coal.
17 July	Coal mines	Roads or other vehicle operating areas	Excavator slewed as dozer was within swing zone resulting in collision with minor damage.
18 July	Coal mines	Mechanical engineering control plan	Hand bolter operator hit by dolly car which travelled down the drift.
18 July	Coal mines	Roads or other vehicle operating areas	Collision between excavator and reversing dozer.
20 July	Coal mines	Roads or other vehicle operating areas	Shovel plant with a quarter-filled bucket swung to fill a truck but failed to stop, hitting the truck and cab.
21 July	Coal mines	Fire or explosion	Operator observed a visible flash on a continuous miner due to frictional ignition.
28 July	Small mines –metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Worker struck on shoulder by hopper tailgate.

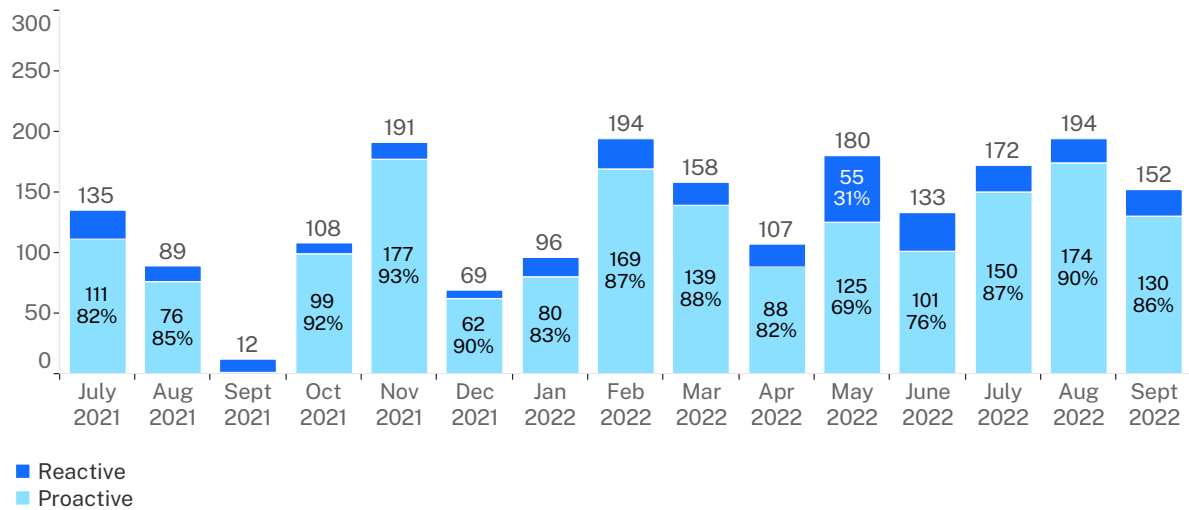
Date notified	Reporting sector	Hazard	Incident
3 August	Small mines –metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Worker was holding a nylon rope attached to a tarp. The rope snapped resulting in hand injuries.
3 August	Large mines –metalliferous and quarries	Mechanical engineering control plan	Maintenance workers struck by inundation of water whilst working in and around scaffolding at the base of a bin.
11 August	Coal mines	Roads or other vehicle operating areas	Haul truck reversed into dozer at low speed.
13 August	Coal mines	Roads or other vehicle operating areas	A dozer was cleaning up around an excavator when it slid off the coal floor into a body of water and dropped a track.
16 August	Coal mines	Ground or strata failure	Dump truck breached the windrow causing it to sit down over a 20 m drop-off.
17 August	Coal mines	Roads or other vehicle operating areas	Pontoon and service boat capsized during pump maintenance.
22 August	Coal mines	Ground or strata failure	Edge of a dump failure resulting in a move back and slump of 5 m.
25 August	Coal mines	Mechanical engineering control plan	Near miss between empty haul truck and light vehicle at T-intersection.
5 September	Small mines –metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Articulated truck reversed onto a dump. One wheel hit raised material tipping over the rear trailer.
8 September	Coal mines	No related principal mining hazard or principal control plan	Truck operator became non-responsive in cab.
12 September	Coal mines	Ground or strata failure	A truck was tipping its load at a tip head when the material beneath the rear of the truck began to fail.
19 September	Small mines –metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Worker was cleaning a mobile screen when their shovel got caught in the roller of the conveyor belt.
21 September	Small mines –metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Hand injury to worker carrying out maintenance on mobile crushing plant.
24 September	Coal mines	Gas outbursts	Power tripped during remote mining operations when gas monitors peaked off-scale for CO ₂ and CH ₄ .
26 September	Coal mines	Mechanical engineering control plan	Three workers were in the process of opening a ball valve to take it out of line. Upon opening, the pressure contained within resulted in a loss of control.
29 September	Coal mines	Mechanical engineering control plan	Pressure test resulted in refurbished steering accumulator failing and ejecting a cap and cylinder piston.
30 September	Small mines –metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Overhead silo cone failed causing material to reel up to awaiting dump truck.
Total			26

Safety assessments

Safety assessments conducted by sector



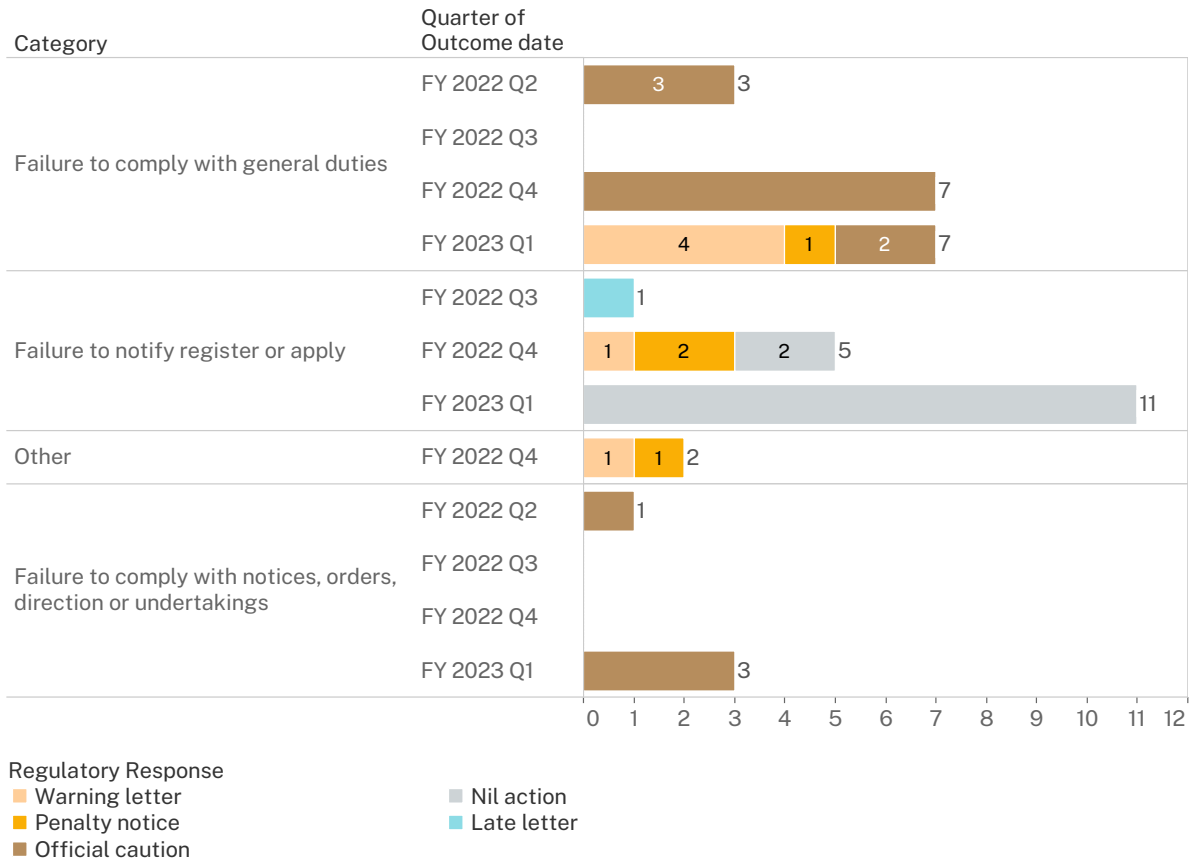
Proactive and reactive safety site assessments conducted*



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

Safety compliance and enforcement activities

Safety non-compliances sustained, by category and response



Details of key safety enforcement actions this quarter

Entity	Mine	Action	Allegation/finding
Boggabri Coal Operations	Boggabri Coal Mine	Penalty notice \$3,600	Failure to comply with general duties

Safety notices issued by sector



Details of safety prohibition notices issued this quarter

Issued to PCBU*	Mine location	Prohibited activity
Ann Maree Perriman	MC10521	All mining operations
Regional HardRock (FORBES) Pty Ltd	Regional HardRock (Forbes)	The operation of the 769D dump truck other than for the purpose of complying with the directions contained in this notice
Dungog Shire Council	Hoffmans Quarry (Dungog Shire Council)	No mining operations and mining activities to be conducted at the quarry until an appropriate safety management system has been prepared and implemented
Mile Malkoc	MC39462	Platform placed in materials hoist bucket is not to be used for the transporting (lifting or lowering) persons in the shaft
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations – Open Cut	No mining of the open cut 4 coal (working section 2) at Moolarben coal mine
George Bromley Gee	MC15864	All mining operations
Nathan Mark Lane	MC58040	All mining operations
Rhonda Barber	MC60896	All mining operations
Tracy Wolens		All mining operations
HV Operations Pty Ltd	Hunter Valley Operations	The electric shovel SH346 is not to be operated in a production function
Wollongong Resources Pty Ltd	Russell Vale Colliery	Coal cutting activities using a continuous miner
HV Operations Pty Ltd	Hunter Valley Operations	General use of overhead crane #3 in HVO South workshop and all other overhead cranes that the PCBU determines present a similar risk of unplanned movement
Donald Ashley Clarke	MC57194	All mining operations
Wollongong Resources Pty Ltd	Russell Vale Colliery	Coal cutting activities using a continuous miner and operating diesel equipment where appropriate ventilation quantities are not available
Mineral Hill Pty Ltd	Mineral Hill Mine	Access by workers to any of the electrical infrastructure supplied from the 22 kV/415 V pole mounted transformer at the process water dam while the infrastructure is energised
Broken Hill Operations Pty Ltd	Rasp Mine	Operation of the rock breaker asset number 310-RB-01
Bloomfield Collieries Pty Ltd	Rix's Creek Mine	Prohibit the dumping of material in the south and north areas of Rix's Creek Mine
Mineral Hill Pty Ltd	Mineral Hill Mine	The mine shall not use the 'C' channel extension bar attachments being used on the Manitou forklift to clean consolidated material from the internal surface of the ore bins
Broken Hill Operations Pty Ltd	Rasp Mine	Operation of cranes in the mill area with the following asset numbers: <ul style="list-style-type: none"> • 310-HT-01 primary crusher • 330-HT-01 cyclone maintenance hoist • 360-HT-01 reagents area hoist • 360-HT-02 reagents area hoist
Clarence Coal Pty Ltd	Clarence Colliery	Operation of 801 conveyor

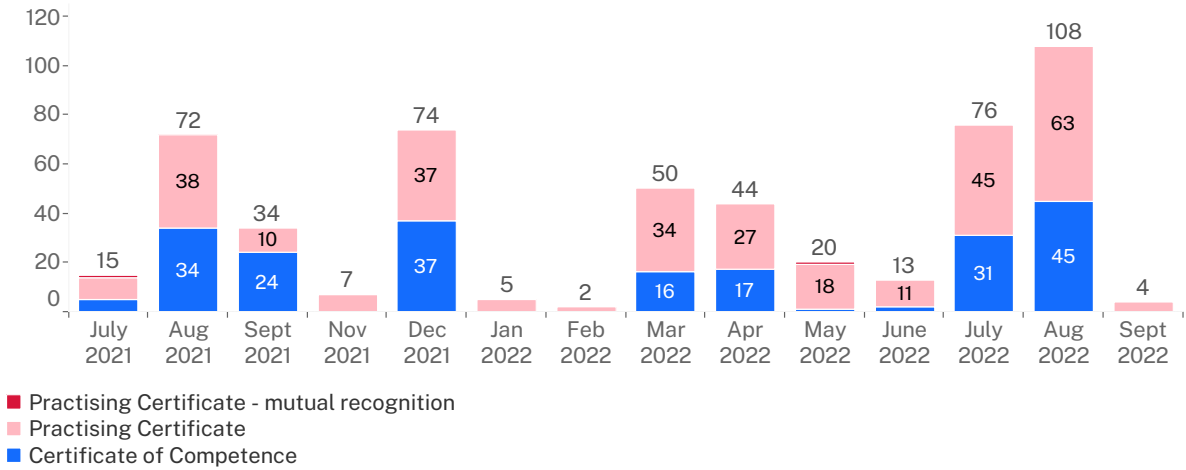
Issued to PCBU*	Mine location	Prohibited activity
Springvale Coal Pty Ltd	Springvale Mine Underground Operation	Operation of forklift HFLS 100
Wollongong Resources Pty Ltd	Russell Vale Colliery	Operate the Komatsu forklift other than to repair and make fit for purpose
Bald Hill Quarry Pty Ltd	Bald Hill Jugiong Quarry	The use of the Hitachi ZX 330-3 excavator in the level 2 and level 3 extraction areas
CMOC Mining Pty Ltd	Northparkes Mines	Accessing and/or carrying out work at or in Bin Number 1 Chute located in the E48 Underground Loading Station, without suitable and sufficient control measures to prevent the unplanned discharge of material and/or water from the Bin, or the inrush of material and/or water into the surrounding area(s)
Danniel Chappell	MC62112	All mining operations
Maureen Bale	MC51797	All mining operations
John Wright	MC60307	All mining operations
Ulan Coal Mines Pty Ltd	Ulan Underground Mine	Operation of forklift 7222 (except for loading onto transport for off-site repairs)
Stephen Hazlett	MC44504	The hoist must not be used to raise or lower person(s)
Walker Quarries Pty Ltd	Wallerawang Quarry	No person or machine is to enter within a zone of 20 metres from the toe of the south-eastern highwall in pit 1 at the Wallerawang Quarry
Coal & Allied (NSW) Pty Ltd	Mount Thorley Warkworth Operations	No mining activities are to be conducted at the North Strip in the Blakefield seam unless for the purpose for inspections and the carrying out of JSA's for the safe removal of Dozer
Michael Stair	MC57480	All mining activities
Garry John O'Neill	MC59064	All mining activities
Mach Energy Australia Pty Ltd	Mount Pleasant Operation	Any dumping operations on the North Pit RL160 dump and attempted recovery of Haul Truck 2623
Ravensworth Operations Pty Ltd	Ravensworth Operations incl CHPP	Use of the CHPP Highway Dam pump on a pontoon structure
Bald Hill Quarry Pty Ltd	Holbrook Quarry	The use of the Caterpillar 330 excavator at the quarry face
RTI Mining Pty Ltd	Bald Hill Gold Mine	Persons entering the underground workings via the Main Adit portal
Anchor Resources Ltd	EL8724	Use of the modified pipe wrench as part of the drill rod breakout system.
Bluedime Concrete Pty Ltd	Ournie Quarry	The fixed plant screening and conveyor system on site is not to be operated for production purposes
Bengalla Mining Company Pty Ltd	Bengalla Mine	The dumping of Base of Weathering Material (BOM) above a dump height of 8.0 metres
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations – Underground	Operation of Forklift CH313
Dianne Taylor	MC8058	All mining operations
Gail Hall	MC57867	All mining operations
Tracy Wolens	MC62073	All mining operations

Issued to PCBU*	Mine location	Prohibited activity
Boral Resources (NSW) Pty Ltd	Dunmore Sand & Soil Pty Ltd – Tabbita Road Quarry	The Komatsu lifting jib is not to be used
Tronox Mining Australia Ltd	Ginkgo Mineral Sands Mine	Use of 3 phase electric chain hoist and associated trolley located at the Ginkgo Wet Plant surge bin (Unit #1805)
United Collieries Pty Ltd	United Wambo Joint Venture	Prohibit the use of Komatsu 930E haul truck (fleet number 209)
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations – Open Cut	The use of open cut 3,517 dump
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations – Open Cut	The dumping of weathered clay material from pit 3 pre-strip area above a dump height of 10 m for the first pass on the pit 3 overburden removal
Hilltops Council	Roxburgh Pit	No person or machine is to enter within a zone of 15 m from the toe of the north-western highwall at the Roxburgh Pit
E B Mawsons & Sons Pty Ltd	Mawsons Broken Hill Quarries	The operation of small pillar jib crane in the batch plant area
Shoalhaven Coal Pty Ltd	Cullen Valley Mine	Use of access platform to driver's side engine compartment doors, access stairs to/from engine compartment roof and raised engine compartment roof cowling on Unit 106 Hitachi Excavator and Unit 103 Hitachi Excavator
Narromine Building and Excavation Pty Ltd	Baker's Pit	No person or machine is to enter within a zone of 20 m from the toe of the north-western highwall at Baker's Pit
E B Mawsons & Sons Pty Ltd	Cootamundra Quarry	<ol style="list-style-type: none"> 1. No person to proceed beyond the door of the identified Volvo A40F articulated dump truck (driver's side), unless it is to enter cabin 2. No person to proceed beyond the hand-rails of the identified Volvo A40F articulated dump truck (off side)
Narromine Building and Excavation Pty Ltd	Baker's Pit	The use of the Caterpillar 320D excavator at the quarry face of the mine or on top of stockpiles
Kenneth Perkins	MC60632	All mining operations
John Hardy	MC60089	All mining operations
Thiess Pty Ltd	Mt Arthur South (Thiess Pty Ltd)	Commissioning of steering circuits on any CAT 793 haul truck
Bayval Pty Ltd	Valla Quarry (Marriott's Quarry)	No work is to be done in the area under the silo bin, and within 5 m of the footprint of the silo
Total		59

* Person conducting a business or undertaking.

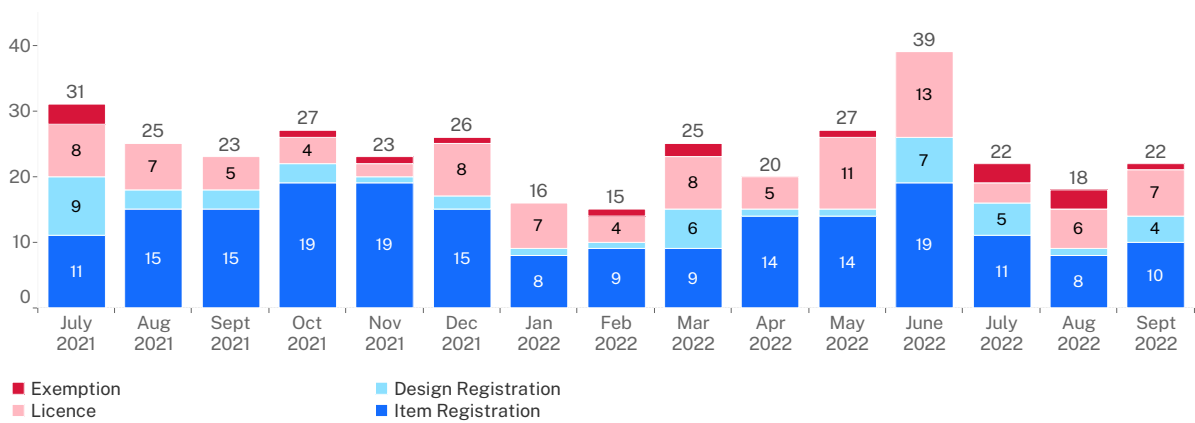
Mining competencies activities

Competence and practising certificates granted



Mining authorisation activities

Exemptions, licence, design and item registrations granted

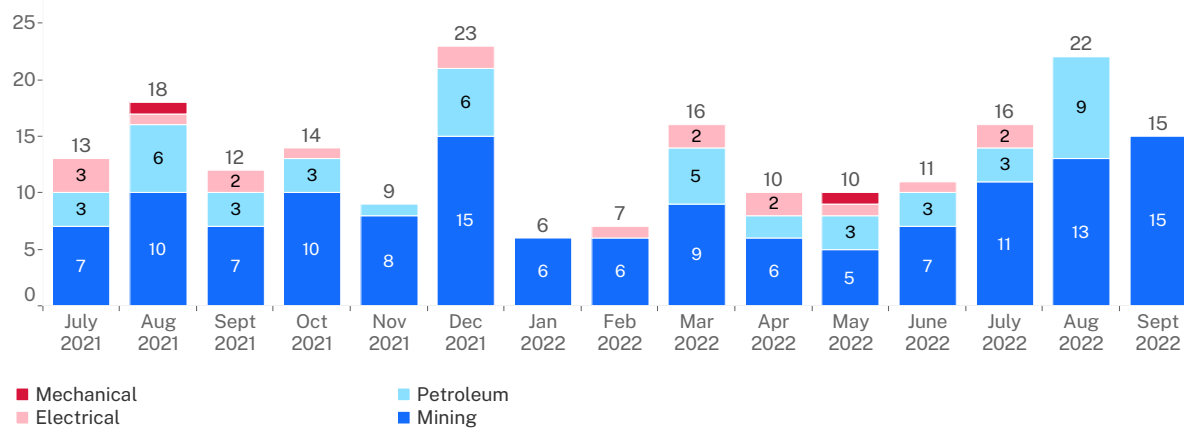


Details of exemption applications refused this quarter

Mine	Regulation provisions
Tritton Copper Mine	MPS (WHS) Reg 2014 cl 96 (4) (b) Emergency exits Note: Work Health and Safety (Mines and Petroleum Sites) Regulation 2014 was repealed and replaced on 1 September 2022

High risk activity notifications

High risk activity notifications received by engineering discipline



Details of high risk activity notifications received this quarter

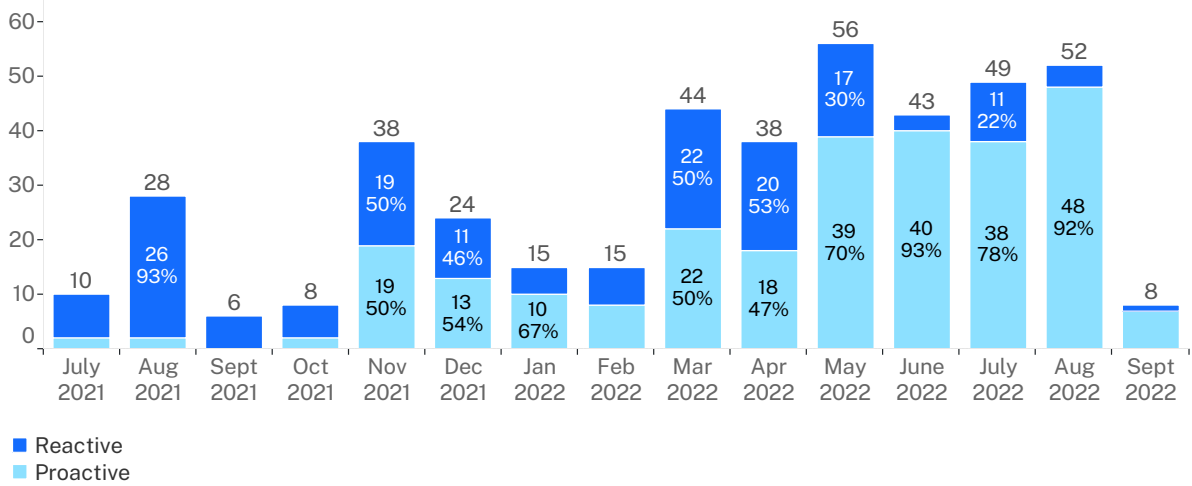
Legislation*	Type of high risk activity	Number
WHS(MPS) Reg Sch 3 cl 4	Development of a new mine entry	6
WHS(MPS) Reg Sch 3 cl 7	Working in inrush control zone	1
WHS(MPS) Reg Sch 3 cl 8	Roadway or drift without intersection for 250 metres	2
WHS(MPS) Reg Sch 3 cl 9	Shotfiring	3
WHS(MPS) Reg Sch 3 cl 10	Sealing	6
WHS(MPS) Reg Sch 3 cl 12	Sealing (other than emergency sealing)	1
WHS(MPS) Reg Sch 3 cl 13	Hot work in a hazardous zone	1
WHS(MPS) Reg Sch 3 cl 14	Driving an underground roadway	1
WHS(MPS) Reg Sch 3 cl 15	Formation of non-conforming pillars	5
WHS(MPS) Reg Sch 3 cl 16	Secondary extraction	5
WHS(MPS) Reg Sch 3 cl 17	Secondary extraction	1
WHS(MPS) Reg Sch 3 cl 18	Outburst control zone	1
WHS(MPS) Reg Sch 3 cl 25	Booster fans	1
WHS(MPS) Reg Sch 3 cl 27	Emplacement areas	2
WHS(MPS) Reg Sch 3 cl 29	Decommissioning an emplacement area	3
WHS(MPS) Reg Sch 3 cl 31	Well workover	5
WHS(MPS) Reg Sch 3 cl 32	Decommissioning a well	4
WHS(MPS) Reg Sch 3 cl 33	Suspending a well	3
WHS(MPS) Reg Sch 3 cl 35	Tailings storage facilities	4
Total		53

* On 1 September 2022 the Work Health and Safety (Mines and Petroleum Sites) Regulation 2014 was repealed and replaced with the Work Health and Safety (Mines and Petroleum Sites) Regulation 2022.

Mining Act 1992 activities

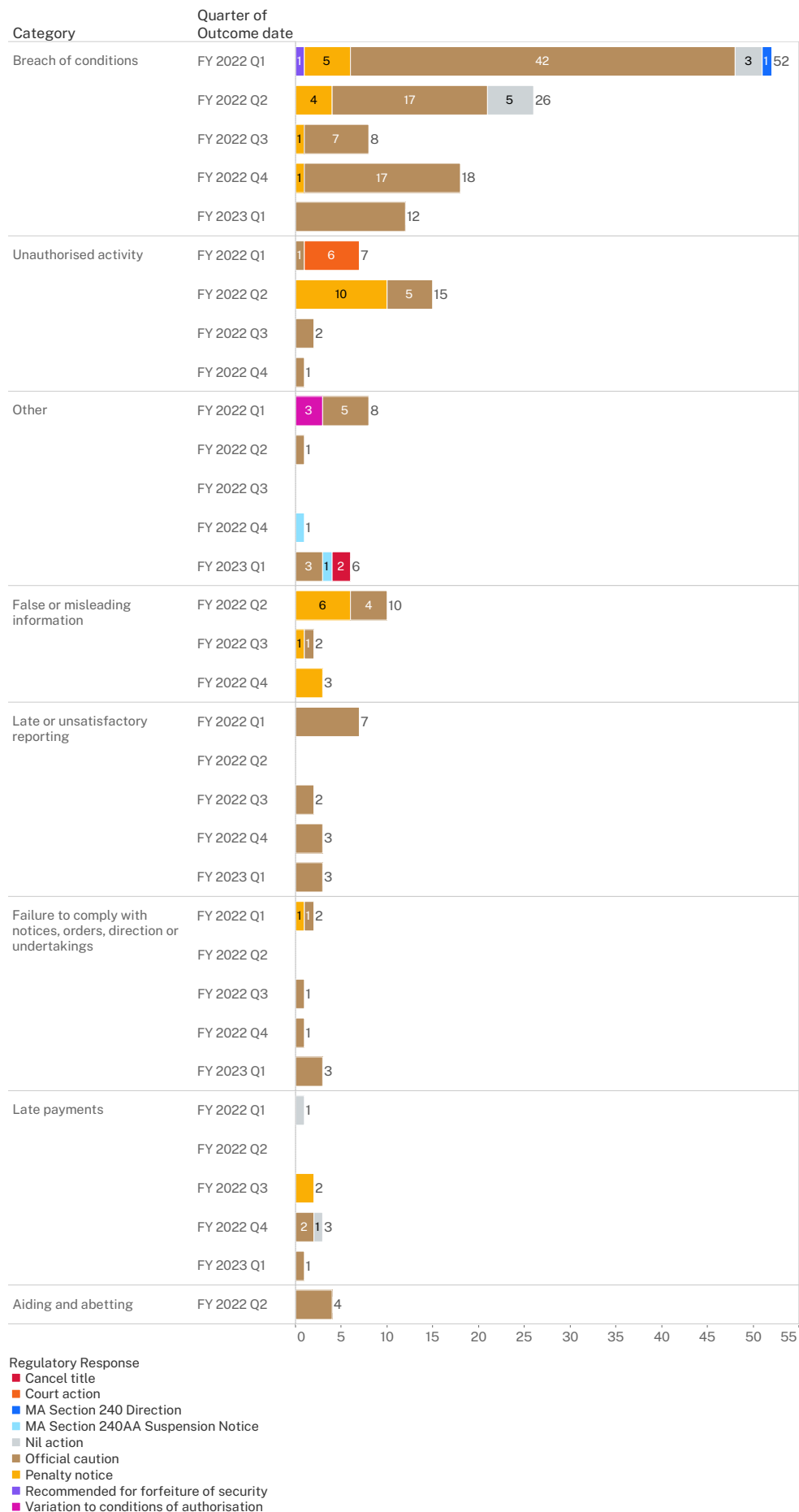
Mining Act assessments

Proactive and reactive Mining Act site assessments conducted

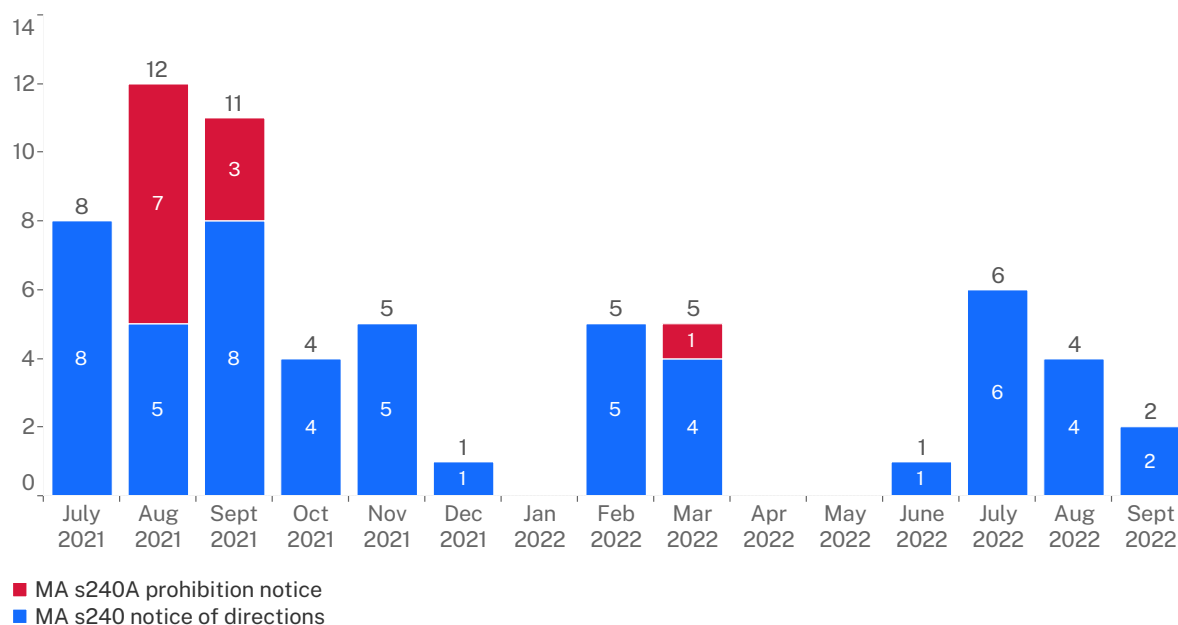


Mining Act compliance and enforcement activities

Mining Act non-compliances sustained, by category and response



Mining Act notices issued by type



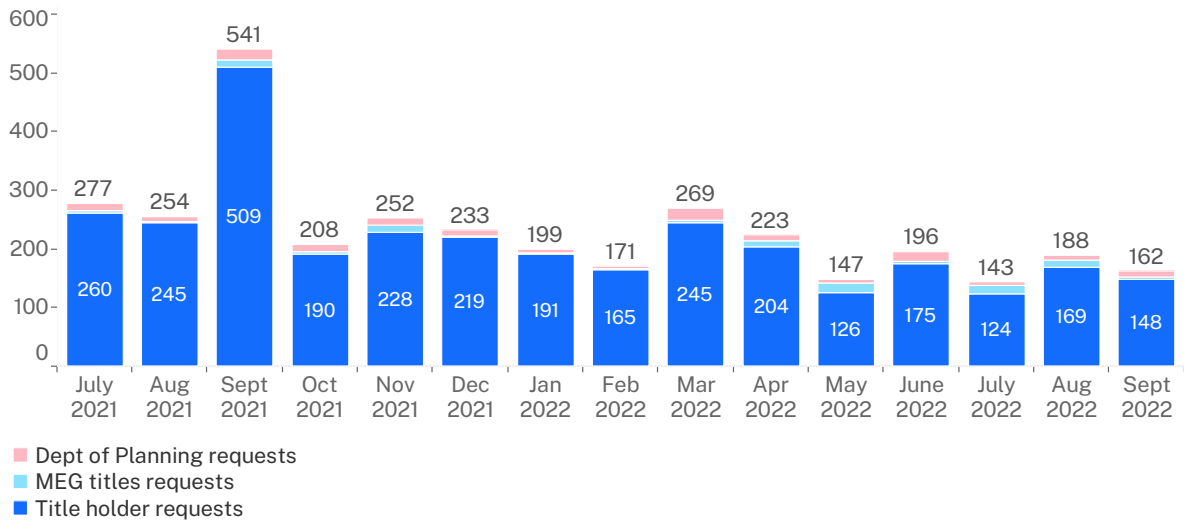
Details of key Mining Act enforcement actions this quarter

Entity	Authority	Action	Allegation/finding
Macquarie Marble and Lime Pty Ltd	ML 1446	Suspension notice under section 240AA <i>Mining Act 1992</i>	Failure to comply with statutory directions issued by notice under sections 240(1)(c) and (d)
Elwyn Barry Dunning Anthony James Furney John Frederick Thompson	M(C)L 309 M(C)L 310	Cancel title	Contravention of conditions of authorisations M(C)L 309 & M(C)L 310: <ul style="list-style-type: none"> • Contravention of Condition 22 – fail to pay joint security in full • Contravention of Condition 4 – fail to submit mining operation plan (MOP) • Contravention of Condition 5 – fail to submit annual environmental report (AEMR), years 2016–17, 2019–20 & 2020–21. Contravention of s.292C of the <i>Mining Act 1992</i> – fail to pay authorisation fees – M(C)L 309 & M(C)L 310, years 2016, 2017 & 2018. Fail to use the land the subject of the authority in good faith – s. 125(g) of the <i>Mining Act 1992</i> .
Total			2

Mining Act requests for service

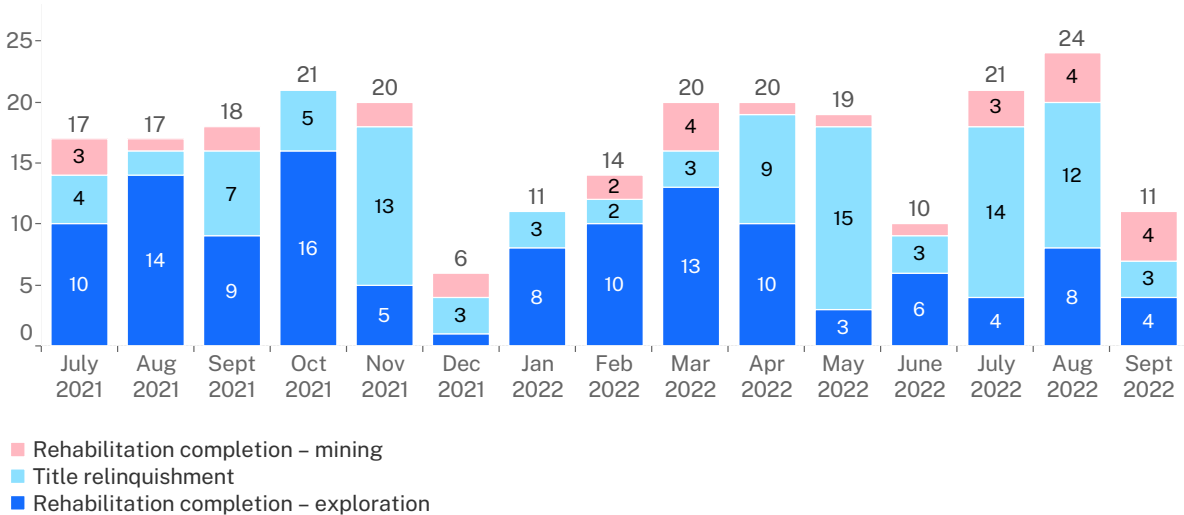
Requests for service includes requests from title holders and other branches within Mining, Exploration and Geoscience concerning the administration of mining authorisations, and requests from either the NSW Department of Planning and Environment or a local consent authority relating to development assessment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

Mining Act requests for service actioned



Mining Act rehabilitation completion

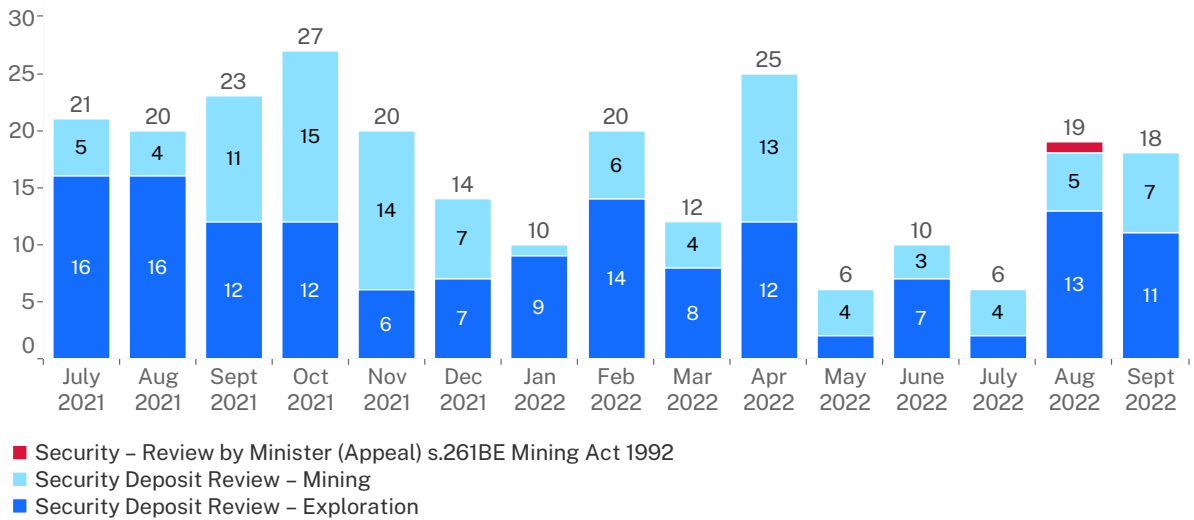
Mining Act rehabilitation actions completed



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	Number
Earth Moving Equipment Safety Round Table – Equipment fires	Monthly meeting	1
Earth Moving Equipment Safety Round Table – Tyres and rims	Monthly meeting	1
Standards Association – ME-005 Cranes	Committee meeting	1
Standards Association – ME-018 Mining Equipment	Committee meeting	1
Standards Association – ISO 19426	Committee meeting	1
Berrima Colliery Closure Working Group	Committee meetings	1
Total		6

External education and engagement activities

Workshops and information sessions

Type of activity	Location	Detail	Number
Forum	Online	Mechanical Engineering Registration Forum	1
Seminar	Sydney	Mechanical Engineers Safety Seminar	1
Training session	Lightning Ridge	Lightning Ridge Opal Mine Safety Workshop	2
Video conference	Online	Lightning Ridge Opal Mine Safety Workshop	1
Training session	White Cliffs	White Cliffs Opal Mine Safety Workshop	1
Forum	Armidale	Forests NSW Industry Forum	1
Total			7

Publications and alerts

Media releases, newsletters, safety alerts and bulletins, and other publications

Type	Number
Forms and exam papers	35
Gazettes	16
Guidance material	46
Media releases	3
Investigation information releases	1
Mine rehabilitation news	2
Mine safety news	7
Position papers	2
Reports	26
Safety alerts	2
Safety bulletins	3
Weekly incident summaries	14
Total	157

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