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# Quarterly business activities report

January to March 2023

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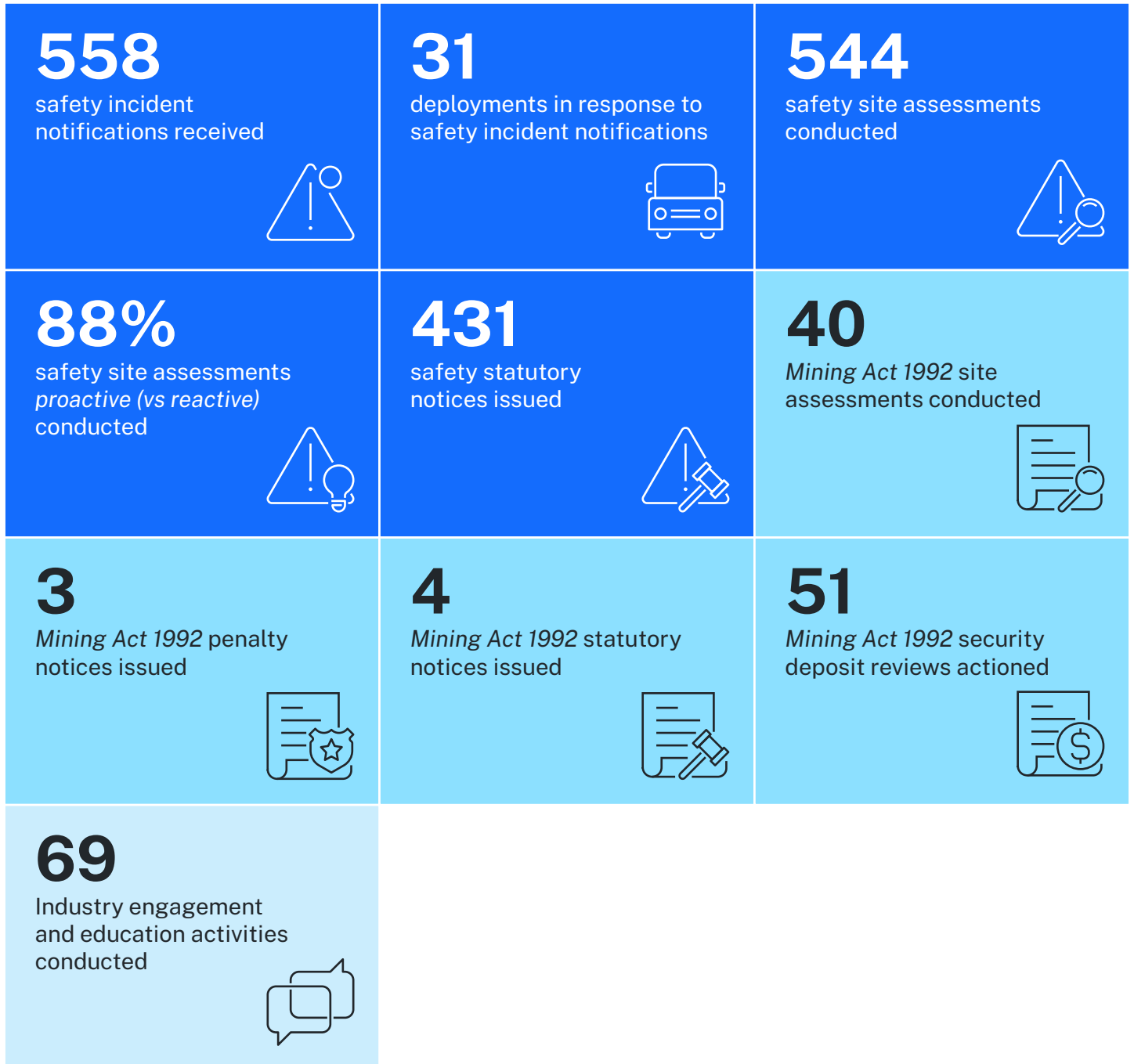
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# Activities at a glance



# Key activities

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

- two enforceable undertakings totalling \$236,332 were accepted in response to non-compliance with the *Mining Act 1992*
- 3 penalty notices totalling \$6,000 were issued in response to non-compliance with the *Mining Act 1992*
- publication of 3 videos on the Regulator's YouTube channel highlighting a safety incident at Peak Gold Mine, fires on mobile plant and winder controls shaft safety
- release of the 2021-22 Annual Mine Safety Performance Report
- an investigation information release on an uncontrolled dozer travelling 230m down a ramp
- safety bulletins concerning ignition risks from rare earth magnets, and monitoring and reporting for escape breathing apparatus
- safety alert on the unintended movement of haul trucks
- fact sheet concerning structural collapse
- 10 small mines roadshow events held throughout the state.

Other publications included:

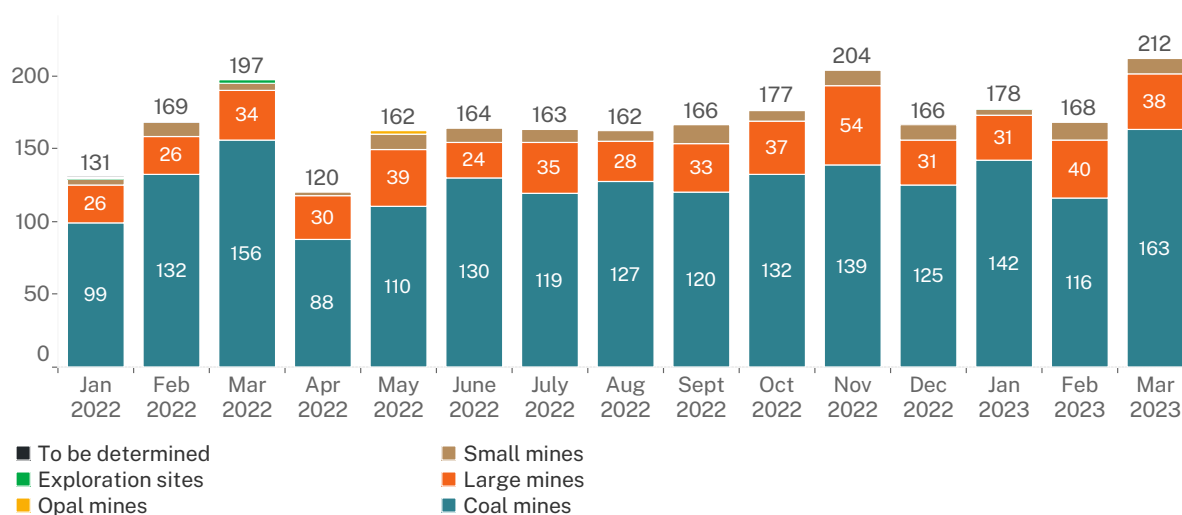
- quarterly safety report for Q2 FY 2023
- quarterly business activities report for Q2 FY 2023
- 12 editions of the Weekly Incident Summary
- 2 editions of Mine Safety News
- One edition of Mine Rehabilitation News

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
5 Jan	Coal mines	Fire or explosion	Hydraulic line boom failure on shovel vehicle
6 Jan	Coal mines	Roads or other vehicle operating areas	Near miss between two trucks at intersection
6 Jan	Small mines – metalliferous, quarries and other gemstones	Subsidence	Significant failure of ground following heavy rainstorm
9 Jan	Coal mines	Air quality or dust or other airborne contaminants	Goaf fall behind tailgate shields resulted in maximum instantaneous methane concentration of 2.24%
9 Jan	Coal mines	Mechanical engineering control plan	Loss of control on haul truck whilst descending an 8% gradient
10 Jan	Large mines – metalliferous and quarries	Fire or explosion	Fire on tractor following spray of liquid (oil or fuel) on windscreen
11 Jan	Coal mines	No related principal mining hazard or principal control plan	Serious finger laceration whilst positioning air conditioning unit
15 Jan	Coal mines	No related principal mining hazard or principal control plan	A bogged shuttle car was struck by a tow chain injuring two workers

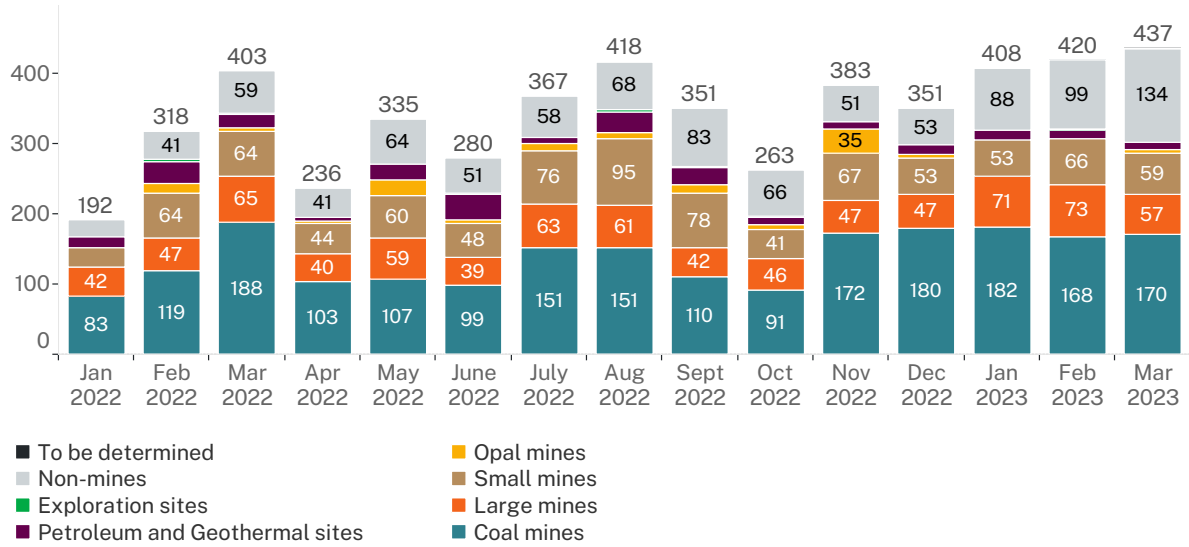
Date notified	Reporting sector	Hazard	Incident
15 Jan	Coal mines	Roads or other vehicle operating areas	Inoperable dozer slipped off tow sling, rolling 230m down a ramp until it was stopped by a windrow
16 Jan	Large mines –metalliferous and quarries	Ground or strata failure	Brow of previously mined stope failed back to access drive
16 Jan	Coal mines	Mechanical engineering control plan	Near miss between haul truck and light vehicle
21 Jan	Coal mines	Large mines –metalliferous and quarries	Dozer struck by rope shovel counterweight
24 Jan	Coal mines	Coal mines	Trailer mounted air compressor fell off tow truck mounted tilt-tray
27 Jan	Large mines –metalliferous and quarries	Ground or strata failure	Slump observed in embankment
28 Jan	Coal mines	Mechanical engineering control plan	Worker removed staple on pressurized hose
29 Jan	Coal mines	Fire or explosion	Fire on water cart
30 Jan	Coal mines	Roads or other vehicle operating areas	Near miss between haul truck and light vehicle
2 Feb	Coal mines	No related principal mining hazard or principal control plan	QDS attachment fell over during maintenance of ‘A” frame on trailer
7 Feb	Large mines –metalliferous and quarries	Fire or explosion	Remote shotfiring caused sulfur dust to ignite which burnt ventilation bag
8 Feb	Coal mines	Roads or other vehicle operating areas	Collision between dozer and truck
19 Feb	Coal mines	Mechanical engineering control plan	Operator exited cab following ladder down warning. Dump brake failed to hold truck which rolled forward.
26 Feb	Coal mines	Ground or strata failure	Failure of ground resulting in significant deformation of haul road
27 Feb	Large mines –metalliferous and quarries	Inundation or inrush of any substance	Uncontrolled flow from draw point
3 Mar	Large mines –metalliferous and quarries	Fire or explosion	Fire in batch plant
6 Mar	Small mines – metalliferous, quarries and other gemstones	Roads or other vehicle operating areas	Dump truck drove into stockpile instead of taking a turn in the road
13 Mar	Coal mines	Mechanical engineering control plan	Dozer unable to reverse up slope -blade was partially submerged in body of water
14 Mar	Coal mines	Inundation or inrush of any substance	Continuous miner exposed a fault related void containing water

Date notified	Reporting sector	Hazard	Incident
15 Mar	Coal mines	Air quality or dust or other airborne contaminants	Loader was driven into unventilated heading resulting in 2.5% methane reading
22 Mar	Coal mines	No related principal mining hazard or principal control plan	Rib mesh module failure allowed coal to fall through gap
25 Mar	Coal mines	Ground or strata failure	Rib slump occurrence
26 Mar	Coal mines	No related principal mining hazard or principal control plan	Worker struck by strut on jib whilst conducting maintenance
<b>Total</b>			<b>31</b>

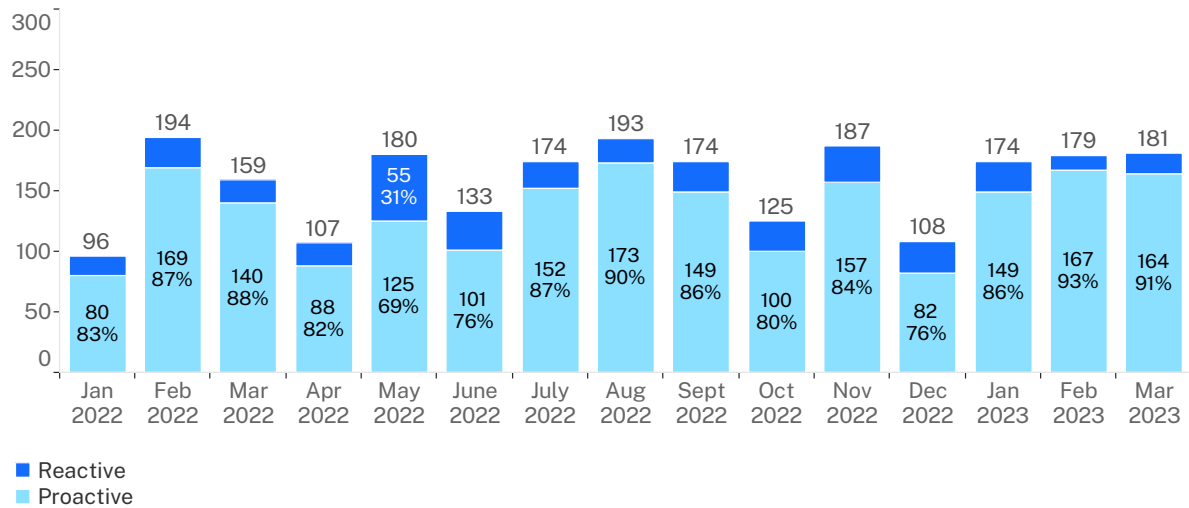


# Safety assessments

## Safety assessments conducted by sector



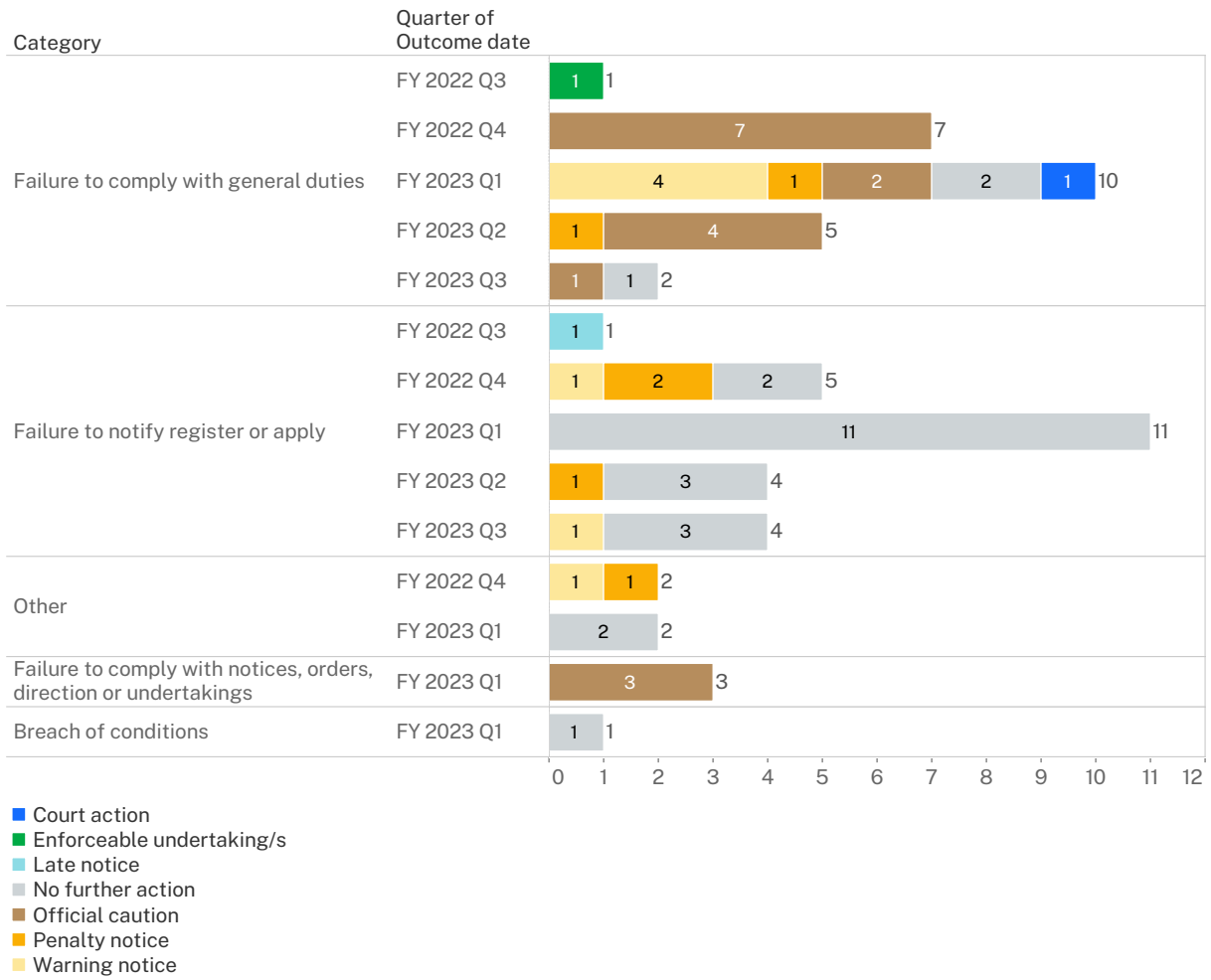
## Proactive and reactive safety site assessments conducted\*



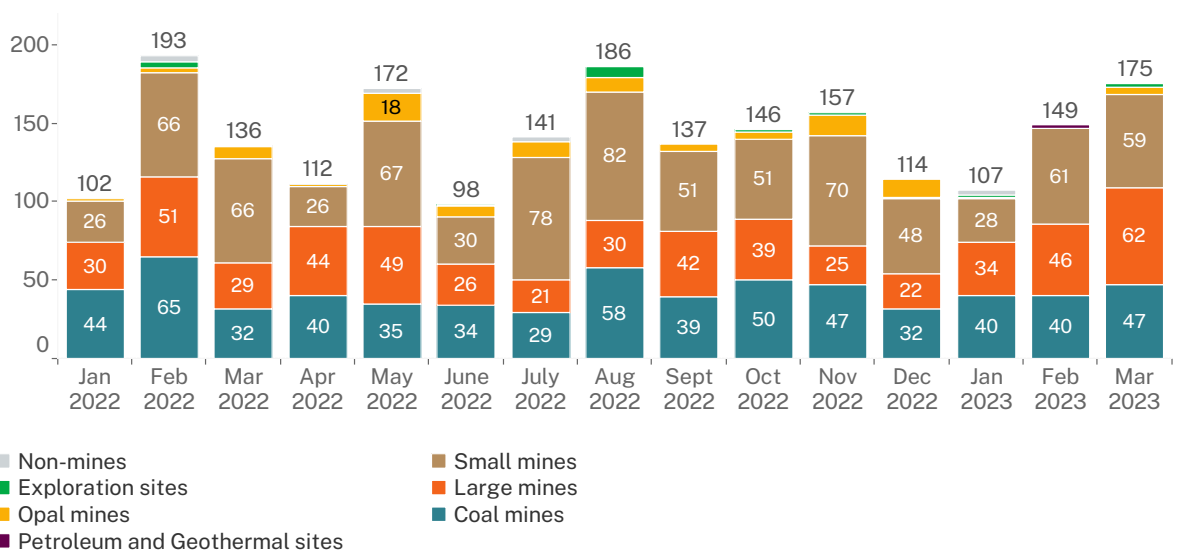
\* Fluctuations in the number of site assessments were due to COVID-19.

# Safety compliance and enforcement activities

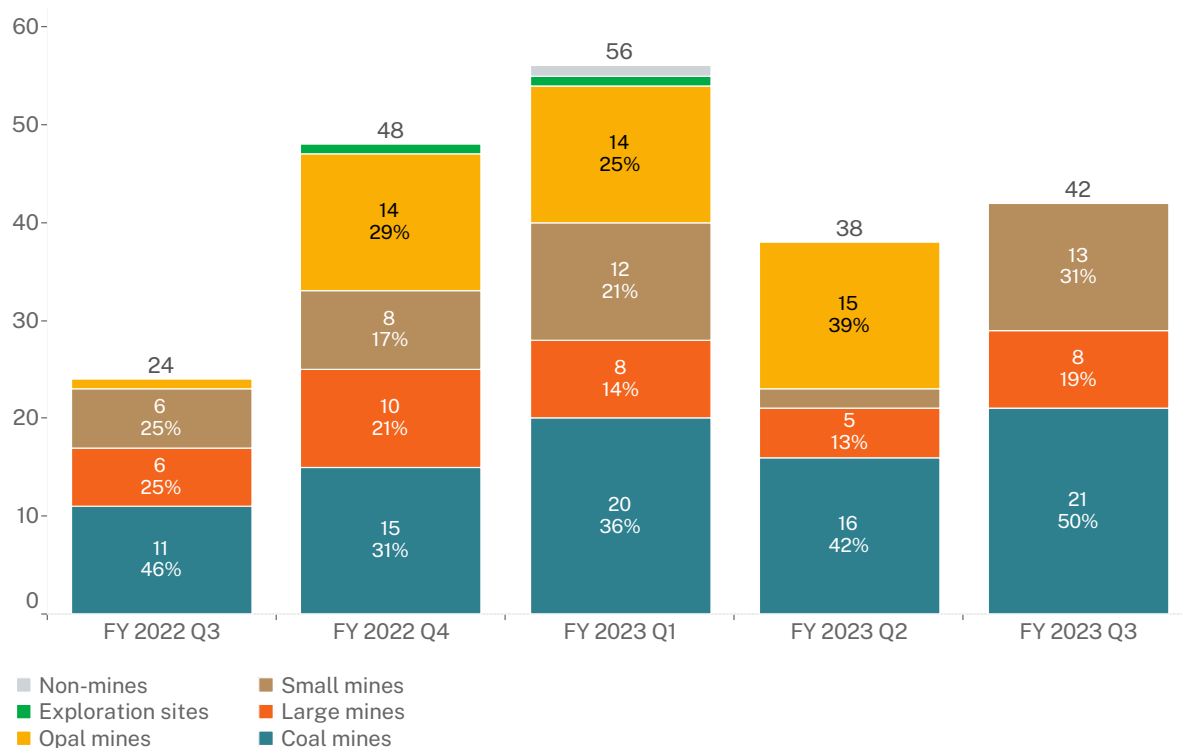
## Safety non-compliance by category and response



## Safety statutory notices issues by sector



## Safety prohibition notices issued by sector



## Details of safety prohibition notices issued this quarter

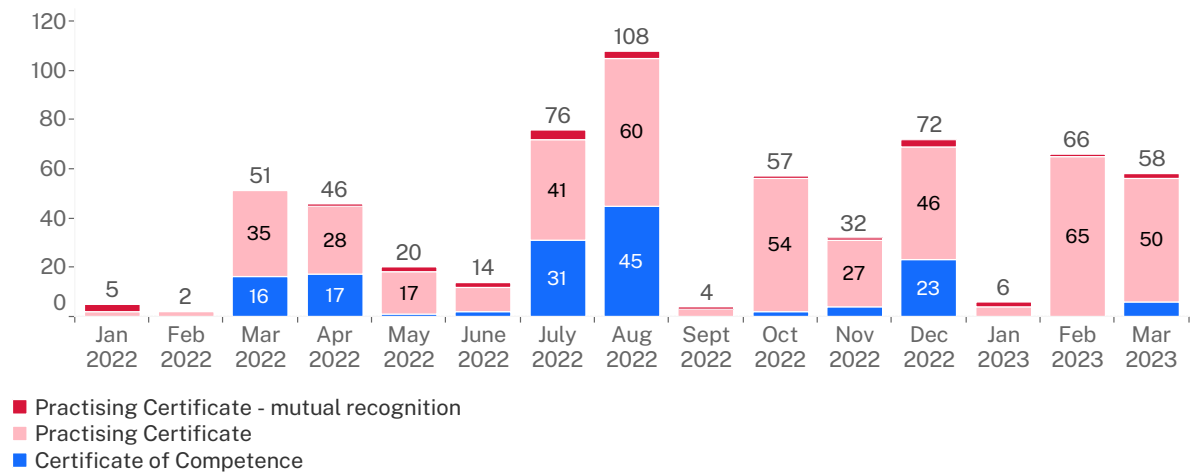
Issued to PCBU*	Mine location	Prohibited activity
Theiss Pty Ltd	Mt Arthur South	Trainee haul truck operators being assessed for solo operation
Darryl McCarthy Constructions Pty Ltd	Dowes Pit	Access to the extraction areas of the quarry by any person or equipment
Boggabri Coal Operations Pty Ltd	Boggabri Coal Mine – Open Cut	Operation of any haul truck by the operator of DT 320 at approximately 12:40 on 7 January 2023
Great Southern Energy Pty Ltd	Chain Valley Colliery	Use of mobile plant towing safety chain attachment points for anything other than their intended function
Great Southern Energy Pty Ltd	Chain Valley Colliery	Recovery of Unit S/C 18 currently jammed in 19D intersection
Maules Creek Coal Pty Ltd	Maules Creek Mine	Any further relocation of inoperable Caterpillar D10 Dozer involved in a runaway incident on 15 January 2023
Wollongong Resources Pty Ltd	Russell Vale Colliery	Use of the Gibson Tunnel and 20 Cut Through (20CT) as magazine sites for storage of explosives
Tomingley Gold Operations Pty Ltd	Tomingley Gold Mine	No access through or work to be completed on the intersection of the 1080 ACC and the 1080 OD Nth
Stephen Clifford Henley	The Big Opal	Using the Big Opal Tourist Mine shaft spiral staircase to access underground, except for the purposes of inspecting and making the staircase safe
Mt Arthur Coal Pty Ltd	Mt Arthur North (incl CHPP)	No clean-up activities are to occur within the swing radius of the bucket of the electric shovel unless the bucket is lowered to the ground and the slew brake applied

Issued to PCBU*	Mine location	Prohibited activity
Regional Quarries Australia Pty Ltd	Regional Hardrock (West Wyalong)	The Genie S-85 elevated work platform (EWP) on site is not to be used as an EWP for lifting persons
Regional Quarries Australia Pty Ltd	Regional Hardrock (West Wyalong)	The crushing and screening equipment on site is not to be operated for production purposes
Dubbo Regional Council	Wellington Caves and Phosphate Mine	Persons entering the underground areas of the mine (but not preventing competent persons from ensuring the safety of persons and the mine)
Wambo Coal Pty Ltd	North Wambo Underground	SMV mine vehicle involved in an incident at 2.50am on 27 January 2023 is not to be operated underground
Theiss Pty Ltd	Mount Pleasant Operation	Re-installation of the large 'barn-style' door on tertiary sizing station ST-1002 where the installation has not been verified by a registered professional structural engineer
Peak Gold Mines Ltd	Peak Gold Mine	Operation of Agitator WR820
Brendon Clements	Rix's Creek Mine	The haulage of overburden or coal at Rix's Creek Mine on any haul road not inspected and documented as compliant to site standards by the Opencut Examiner
Walker Quarries Pty Ltd	Wallerawang Quarry	Connection to and use of the generator 240-volt outlets
Boral Cement Ltd	Berrima Works Blue Shale Quarry	No person to proceed beyond the handrail support pole on the Komatsu articulated dump trucks on site unless to enter the driver's cabin
Wayne Trenning	Galong Limestone Mine	Climbing on top of dozer engine compartment covers to carry out maintenance work without fall prevention equipment
Wilpinjong Coal Pty Ltd	Wilpinjong Coal Mine	Operation of MT4400 (unit number 7065)
Wilpinjong Coal Pty Ltd	Wilpinjong Coal Mine	Operation of haul truck MT4400 (unit 7065) other than to assess and repair as directed in this notice
Lightning Ridge Miners Association Ltd	MPL280-LRMA Tank 4	Accessing and/or standing on an elevated work area consisting of a steel framework which is more than 2m above the ground to operate, maintain or repair an engine without fall prevention measures.
Wollongong Resources Pty Ltd	Russell Vale Colliery	The operation of rubber tyred vehicles (RVTs) on the PC21 travel road (F heading) in a gear selection greater than second gear
Norman's Plant Hire Pty Ltd	Hellhole Quarry	The operation of Komatsu PC120 excavator at either the quarry face where there is a risk of material falling on the machine or on stockpiles where there is a risk of the machine toppling over
Norman's Plant Hire Pty Ltd	Hellhole Quarry	Firstly, no person to proceed beyond the door on the right-hand side of Komatsu WA470 loader unless to enter the cabin. Secondly, no person to access Komatsu WA470 loader on the left-hand side due to absent safety guards/hand rails
Whitehaven Coal Mining Ltd	Werris Creek Coal Mine	Entry into exclusion zone established by the mine around the area of failed ground reported on 26 February 2023
AP Delaney & Co Pty Ltd	Rockwood No. 3	No access to the back deck of Samsung SE-210LC or Kat HD-1880 excavator
Whitehaven Coal Mining Ltd	Werris Creek Coal Mine	Persons accessing or conducting mining activities in the Eastern foot wall area at Werris Creek mine

Issued to PCBU*	Mine location	Prohibited activity
Big Island Mining Pty Ltd	Dargues Gold Mine	Extraction of material from both the access drive to the 440 Z216 18 and 440 Z219 19 stopes and the stopes themselves
Wambo Coal Pty Limited	North Wambo Underground	Shunting of rubber tyre vehicles (RTVs) in 6 cut-through TG24 panel where the auxiliary fan is positioned
Evolution Mining Ltd	Cowal Gold Mine	Accessing or travelling through in the 960 OD S10
Centennial Myuna Pty Limited	Myuna Colliery	Operation of shuttle car SC942 except for the purposes of fault finding and function testing
Centennial Myuna Pty Limited	Myuna Colliery	The placement of more than one shuttle car conveyor boom over the receive hopper of a section feeder breaker
Cobar Management Pty Ltd	CSA Mine	All work in the rise/raise and at the collar (top) of the 8500 to 8465 RAW return air way. Setting up, ground supporting or demobilising any other vent rise/raises using the 'shrink methodology' described by the CSA mine operator
Perilya Broken Hill Limited	Southern Operations	No vehicles shall pass in the decline within sight of the portal
Clarence Coal Pty Limited	Clarence Colliery	Coal cutting in the predicted fault/washout zone, and 2 metres on the inbye side of that zone, of 804 panel between 31-34 c/t A and B hdg and between 33-36 c/t C/D and E hdgs of 804 panel
Perilya Broken Hill Limited	Southern Operations	Operation of Rod Mill charge frame unit numbers 1, 2 and 3
Narrabri Coal Operations Pty Ltd	Narrabri Colliery	Any other work other than for the purpose of improving ventilation standards in Longwall 204 install roadway and bleeder roadway until all Ventilation Control Devices (VCDs) are installed to the mine's ventilation plan's standard
Bengalla Mining Company Pty Limited	Bengalla Mine	Replacement of Komatsu 830E struts
E B Mawsons & Sons Pty Ltd	Strontian Quarry	Any person additional to the operator is not to be on the loader whilst the loader is moving
Jason Bartolo	Signature Quarries	The Keestrac mobile screen is not to be used for production purposes
<b>Total</b>		<b>42</b>

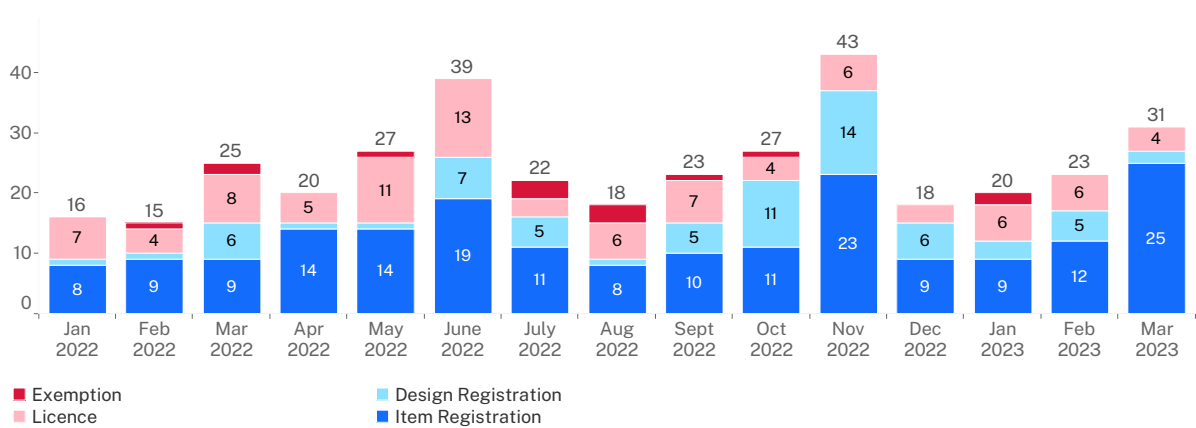
## Mining competencies activities

### Competence and practising certificates granted



## Mining authorisation activities

### Exemptions, licences, design registrations and item registrations granted

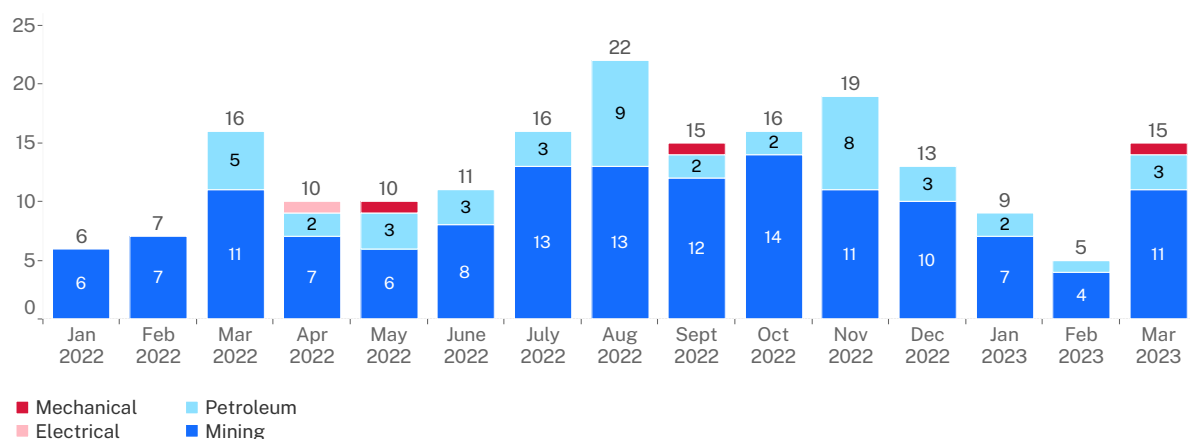


### Exemption applications refused this quarter

No applications requesting exemption from specific provisions of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2023 were refused this quarter.

# High risk activity notifications

## High risk activity notifications received by engineering discipline



## Details of high risk activity notifications received this quarter

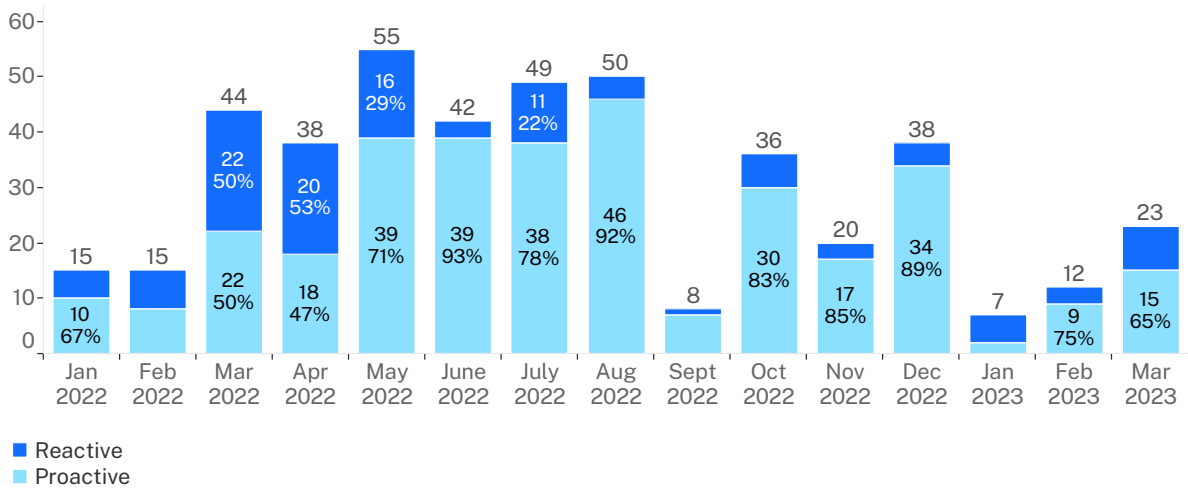
Legislation*	Type of high risk activity	Number
WHS(MPS) Reg 2022 Sch 3 s 5	Development of new mine entry	3
WHS(MPS) Reg 2022 Sch 3 s 9(2)(a)	Working in inrush control zone	1
WHS(MPS) Reg 2022 Sch 3 s 11	Shotfiring	1
WHS(MPS) Reg 2022 Sch 3 s 12	Sealing	4
WHS(MPS) Reg 2022 Sch 3 s 13	Hot work in a hazardous zone	1
WHS(MPS) Reg 2022 Sch 3 s 16	Formation of non-conforming pillars	4
WHS(MPS) Reg 2022 Sch 3 s 17(3)(a)	Secondary extraction	1
WHS(MPS) Reg 2022 Sch 3 s 18	Shallow depth of cover mining	1
WHS(MPS) Reg 2022 Sch 3 s 21(3)(a)	Use of explosives	1
WHS(MPS) Reg 2022 Sch 3 s 29	Emplacement areas	2
WHS(MPS) Reg 2022 Sch 3 s 35	Decommissioning a well	6
WHS(MPS) Reg 2022 Sch 3 s 38	Tailings storage facility	4
<b>Total</b>		<b>29</b>

\* Work Health and Safety (Mines and Petroleum Sites) Regulation 2022.

# Mining Act 1992 activities

## Mining Act assessments

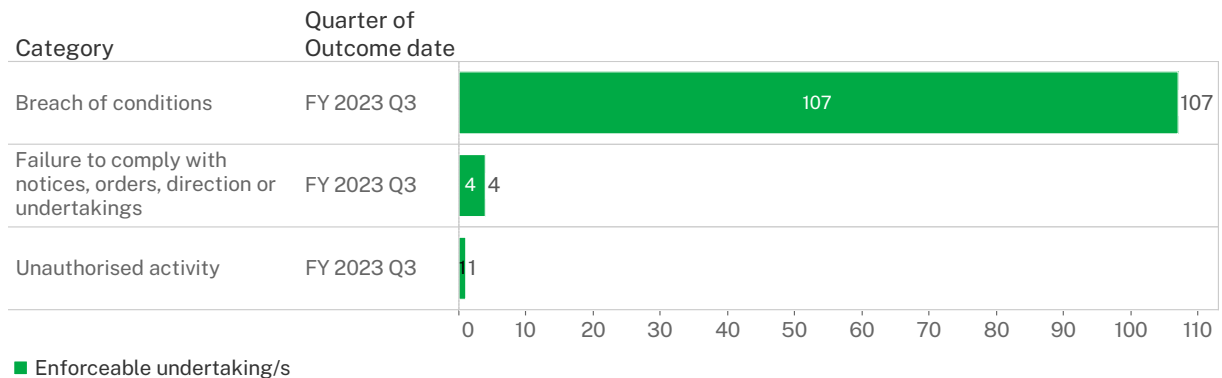
Proactive and reactive Mining Act site assessments conducted



## Mining Act compliance and enforcement activities

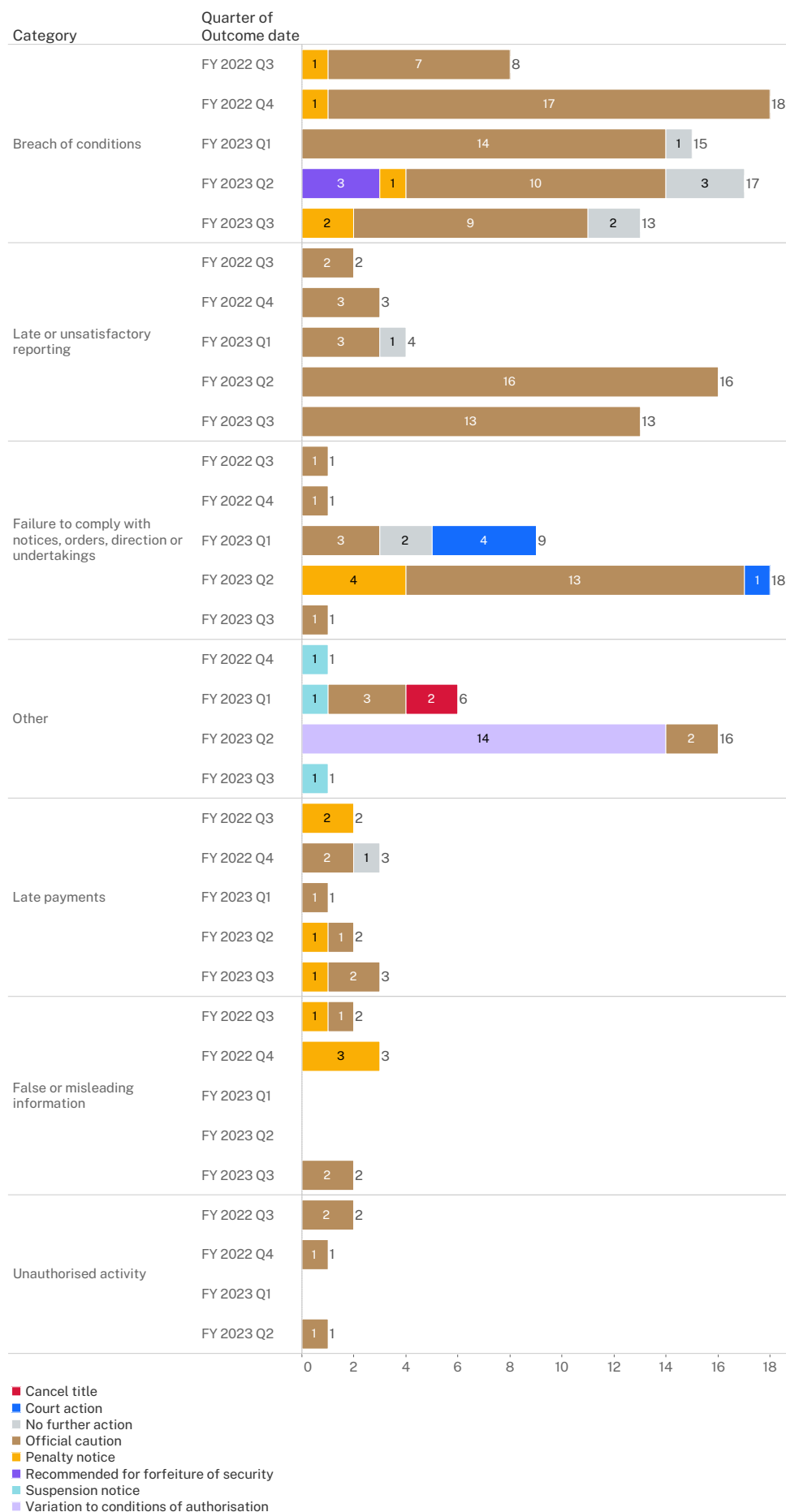
There was a marked increase in the number of non-compliances resulting in an enforceable undertaking this quarter, and these have been shown in a separate chart.

Mining Act non-compliance by category and response - response is enforceable undertaking

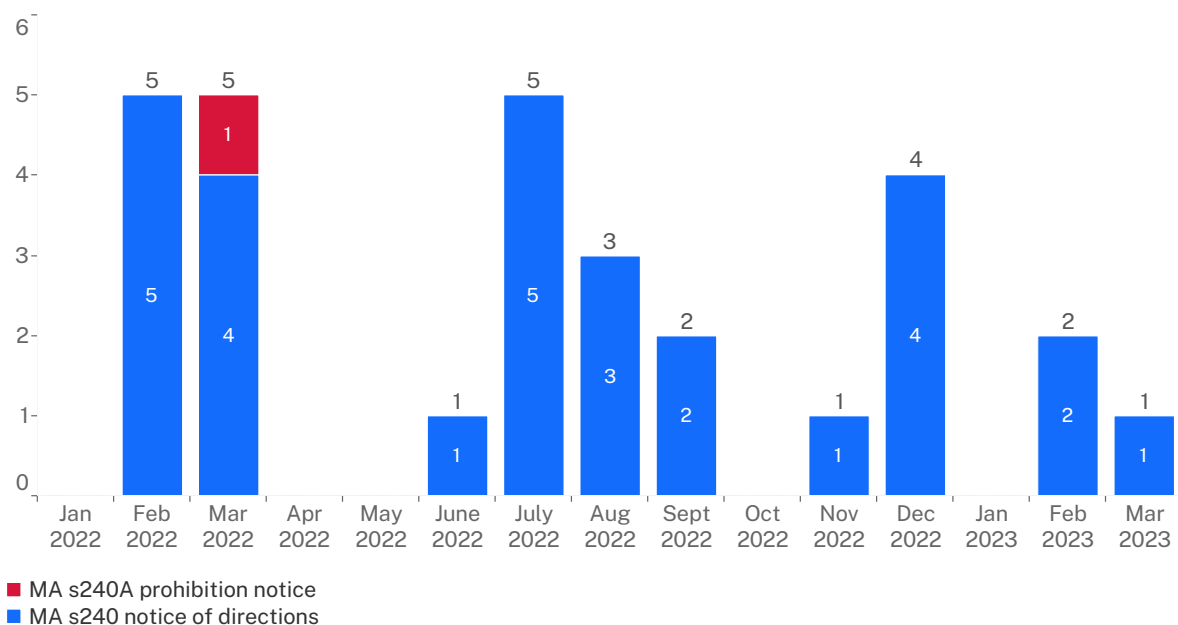




## Mining Act non-compliance by category and response - response is other than enforceable undertaking



## Mining Act notices issued by notice type



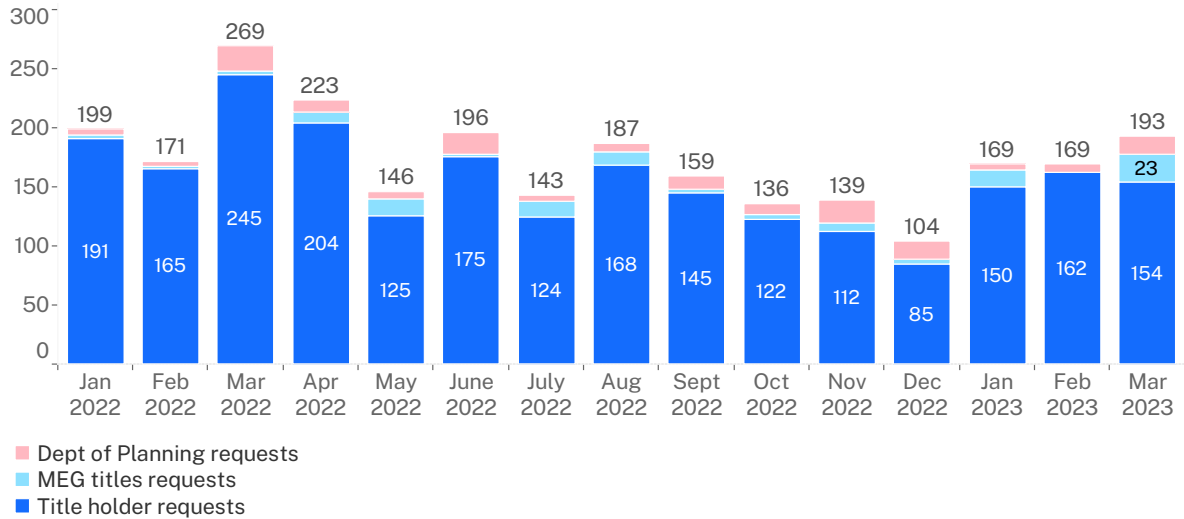
## Details of key enforcement actions under the Mining Act this quarter

Entity	Mine	Action	Allegation/finding
Grasmont Exploration Pty Ltd	EL8432 (1992)	Penalty notice (\$1,000)	Late payments – rent and levy
AUS Gold Mining Group Pty Ltd	ML1322 (1992)	Penalty notice (\$2,500)	Breach of conditions of authorisation s.378D
AUS Gold Mining Group Pty Ltd	ML1322 (1992)	Penalty notice (\$2,500)	Breach of conditions of authorisation s.378D
<b>Total</b>			<b>3</b>

## Mining Act requests for service

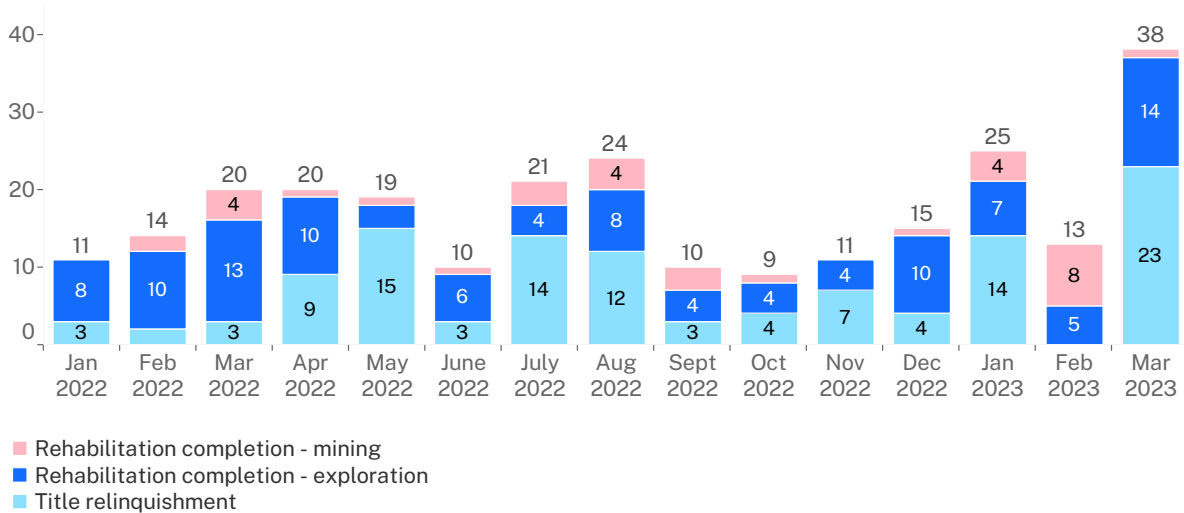
Requests for service includes requests from title holders, other branches within Mining, Exploration and Geoscience concerning the administration of mining authorisations, and requests from either the NSW Department of Planning and Environment or a local consent authority relating to development assessment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

### Mining Act requests for service actioned



## Mining Act rehabilitation completion

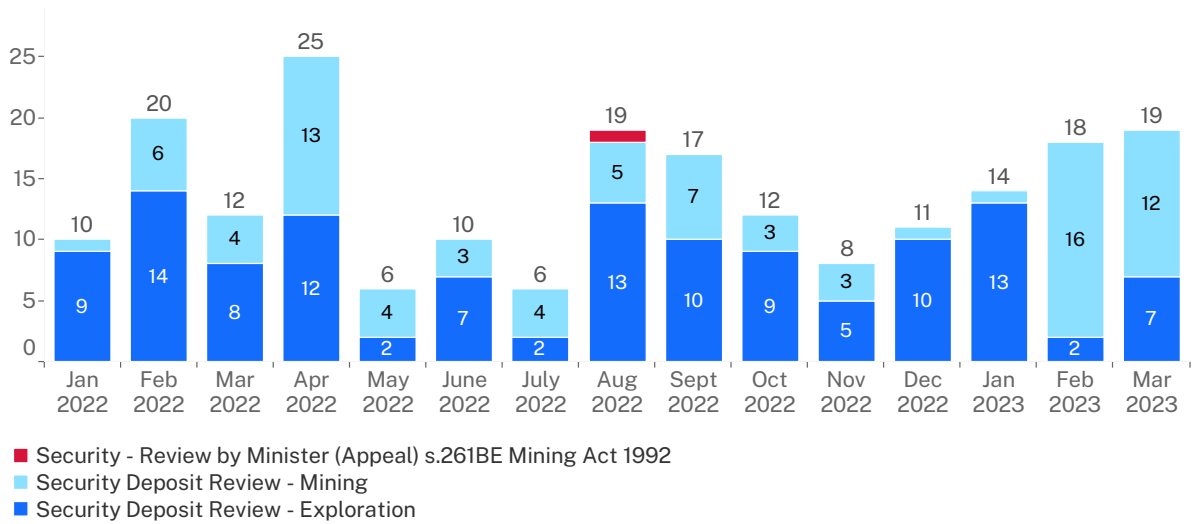
### Mining Act rehabilitation completion actioned



## 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
Standards Association – ME-025 Lifting tackle	Committee meeting	1
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-005-10 Elevated work platforms	Committee meeting	1
Standards Association – SF-041 Safety of machinery	Committee meeting	1
<b>Total</b>		<b>5</b>

## External education and engagement activities

### Workshops and information sessions

Type of activity	Location	Detail	Number
Forum	Cessnock	Collision Avoidance Forum	1
Information session	Ballina	Small Mines Roadshow	1
Information session	Dubbo	Small Mines Roadshow	1
Information session	Mulwala	Small Mines Roadshow	1
Information session	Narooma	Small Mines Roadshow	1
Information session	Newcastle	Small Mines Roadshow	1
Information session	Orange	Small Mines Roadshow	1
Information session	Queanbeyan	Small Mines Roadshow	1
Information session	Tamworth	Small Mines Roadshow	1
Information session	Windsor	Small Mines Roadshow	1
Information session	Wollongong	Small Mines Roadshow	1
Forum	Goulburn	Mechanical Metex Forum	1
Workshop	Online	Opal Mining Safety Workshop	3
Forum	East Maitland	Plant Registration Forum	1
<b>Total</b>			<b>16</b>

## Publications and alerts

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

Type	Number
Enforceable undertakings	2
Exam papers	0
Forms	2
Gazette	1
Guidance material	10
Investigation information release	1
Investigation report	1
Mine rehabilitation news	1
Mine safety news	2
Rehabilitation information release	1
Reports	25
Safety alert	1
Safety bulletin	2
Video	3
Weekly incident summary	12
<b>Total</b>	<b>48</b>

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