
Quarterly business activities report

April to June 2023

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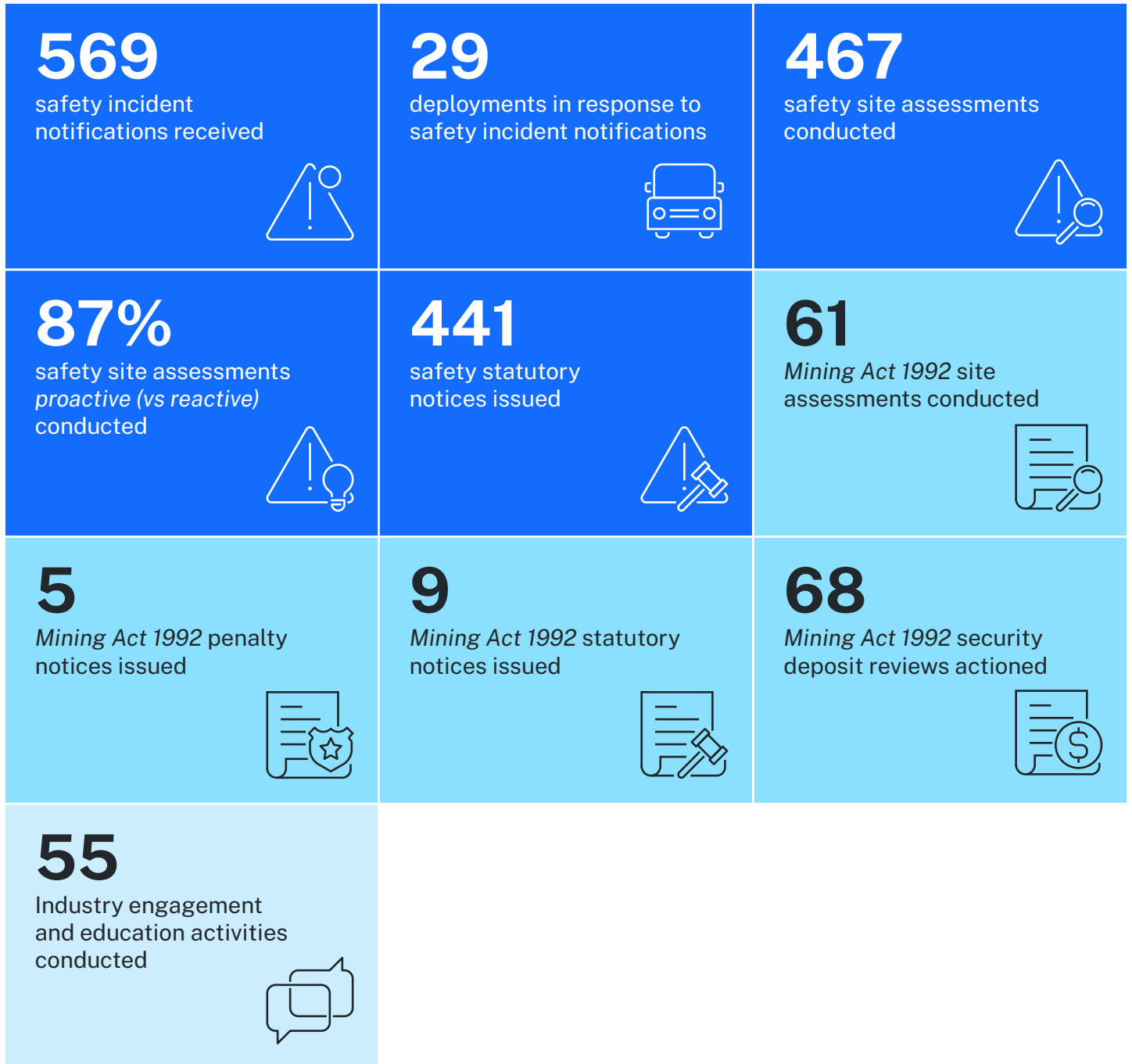
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Contents

Activities at a glance	1
Key activities	2
Work health and safety activities	3
Safety incident notifications	3
Safety assessments	5
Safety compliance and enforcement activities	6
Mining competencies activities	10
Mining authorisation activities	10
High risk activity notifications	11
<i>Mining Act 1992</i> activities	12
Mining Act assessments	12
Mining Act compliance and enforcement activities	12
Mining Act requests for service	15
Mining Act rehabilitation completion	15
Rehabilitation security deposit review	16
Industry engagement activities	17
Committees and other industry body involvement	17
External education and engagement activities	17
Publications and alerts	18

Activities at a glance



Key activities

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

- 5 penalty notices totalling \$17,500 were issued in response to non-compliance with the *Mining Act 1992*
- one Mining Act enforceable undertaking was accepted, totalling \$87,500
- publication of 2 videos on the Regulator's YouTube channel highlighting an incident where a worker fell into a conveyor chute and a Lightning Ridge environmental awareness course
- 2 investigation information releases on an underground opal mine fatality and frictional ignition of methane
- safety bulletins concerning rockfall injuries, contraband in underground mines, hose ball valve injury and ignition risks from rare earth magnets
- fact sheets regarding rehabilitation reforms implementation for small mines and stage 1 of coal burst and rock burst
- media releases about illegal fossicking in Grawin Dumps and a ministerial visit to Mt Arthur coal mine
- publication of technical reference guides on raiseboring operations, stockpiles and reclaim tunnels, withdrawal and emergency escape from underground coal mines, and gas outbursts principal hazard management plan
- 16 presentations covering topics including emerging technologies, plant guarding, management safety kit, maintenance of competencies, legislation updates and incident reporting
- mine rehabilitation information alert.

Other publications included:

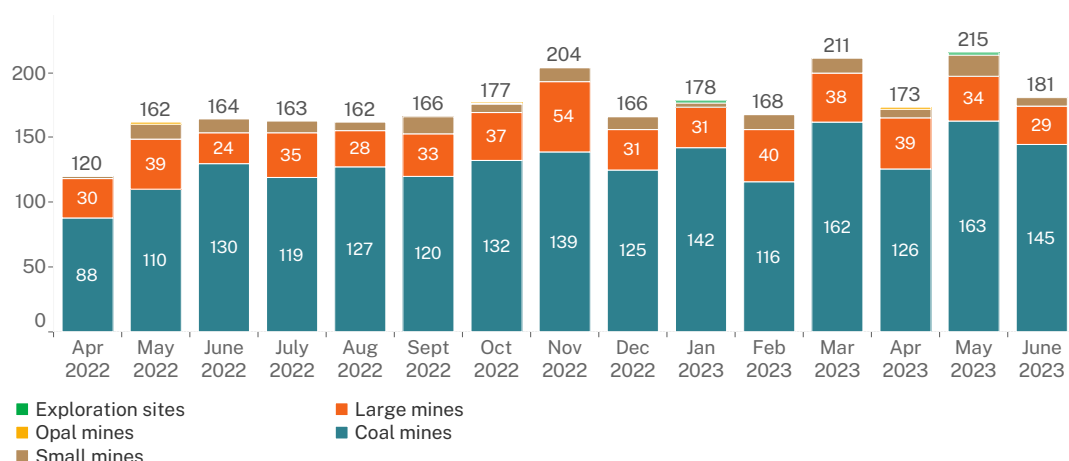
- quarterly safety report for Q3 FY 2023
- 12 editions of the Weekly Incident Summary
- 5 editions of Mine Safety News
- one edition of Mine Rehabilitation News.

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



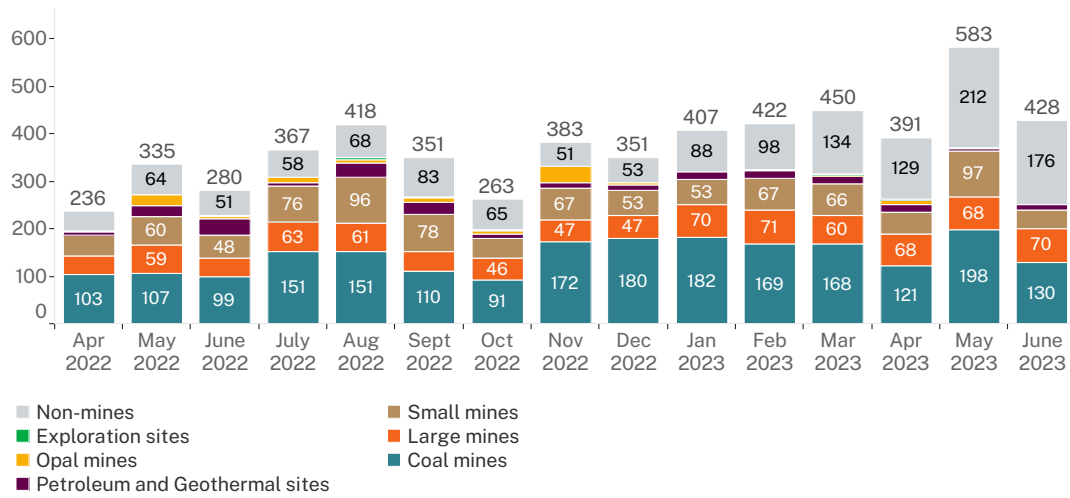
Details of safety incidents where inspectors were deployed this quarter

Date notified	Reporting sector	Hazard	Incident
3 April	Large mines –metalliferous and quarries	Ground or strata failure	Jumbo operator contacted by sliding 400kg rock slab
3 April	Large mines –metalliferous and quarries	Mine shafts and winding systems	Upper brake caliper pin on winder had worked its way out approximately half the length of the pin
4 April	Large mines –metalliferous and quarries	Fire or explosion	Grinder ignited plastic container
12 April	Coal mines	No related principal mining hazard or principal control plan	Dump truck tyre fell off stack contacting an excavator
18 April	Large mines –metalliferous and quarries	Roads or other vehicle operating areas	Driver's micro-sleep causes truck crash
18 April	Coal mines	Ground or strata failure	Fall of rib coal adjacent to maingate equipment
20 April	Large mines –metalliferous and quarries	Fire or explosion	Loader fire at a surface fuel bay
21 April	Small mines – metalliferous, quarries and other gemstones	Mechanical engineering control plan	Light rigid truck rolled forwards after being parked
25 April	Coal mines	Fire or explosion	Frictional ignition whilst drilling a roof support
27 April	Large mines –metalliferous and quarries	No related principal mining hazard or principal control plan	Small bucket fell from large bucket contacting the excavator's cab

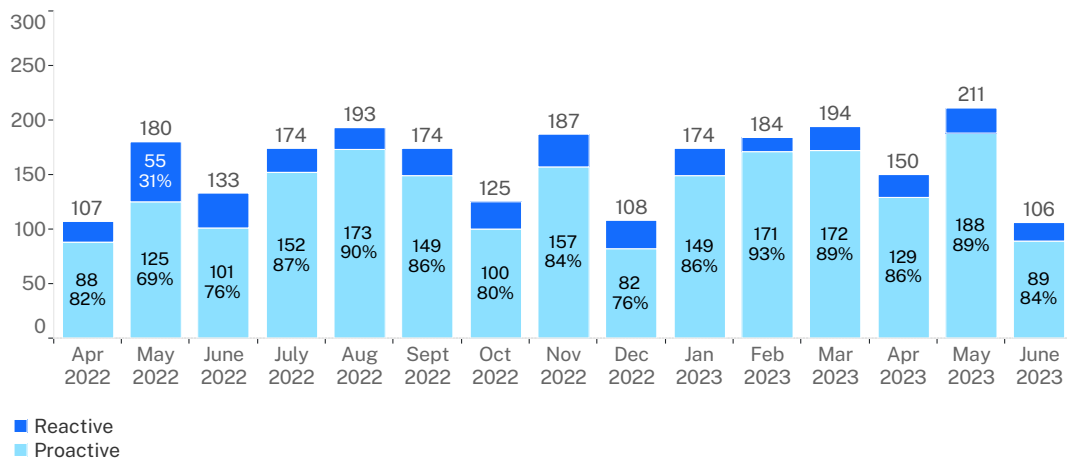
Date notified	Reporting sector	Hazard	Incident
28 April	Coal mines	Ground or strata failure	Truck reversed through dump windrow exposing wheels 5 and 6
28 April	Small mines – metalliferous, quarries and other gemstones	No related principal mining hazard or principal control plan	Fatal accident – victim located at the bottom of an opal mine shaft
2 May	Coal mines	Air quality or dust or other airborne contaminants	Reduction in air flow and build-up of methane
10 May	Coal mines	Mechanical engineering control plan	Tramming feeder/breaker rolled backwards and ran over its own cable
16 May	Coal mines	Fire or explosion	Glowing embers found at boot-end RV3 belt
17 May	Coal mines	Ground or strata failure	Bench failed dropping 20 tonnes of material onto an excavator
23 May	Coal mines	Ground or strata failure	Layer of mudstone/siltstone delaminated contacting the roof bolt installing operator
27 May	Coal mines	Fire or explosion	Frictional ignition occurred on continuous miner
29 May	Large mines – metalliferous and quarries	No related principal mining hazard or principal control plan	A vessel (lid and lid lifter) fell at least 2-metres as it was being lowered to the filter shed
29 May	Coal mines	Roads or other vehicle operating areas	Failure of Area Manager controller software in an autonomous operator zone (AOZ)
29 May	Coal mines	Roads or other vehicle operating areas	Front track failed on dozer as operator trammed forwards
4 June	Large mines – metalliferous and quarries	Subsidence	Isolated rockfall event struck a drill rig working 55 metres below
5 June	Coal mines	Mechanical engineering control plan	Haul truck front wheel hub moved during maintenance striking a worker in the face
7 June	Coal mines	Mechanical engineering control plan	Loaded truck has driven over underground workings which slumped underneath the rear left-hand side
9 June	Coal mines	Roads or other vehicle operating areas	Collision between two trucks in queue for digger
19 June	Large mines – metalliferous and quarries	No related principal mining hazard or principal control plan	A jumbo offsider was trying to install a drill steel into a non-isolated jumbo when the steel rotated severing the worker's hand
22 June	Coal mines	Fire or explosion	Worker sustained a petrol burn as they were refuelling a pressure cleaner
23 June	Large mines – metalliferous and quarries	Roads or other vehicle operating areas	Collision between haul truck and light vehicle
24 June	Coal mines	No related principal mining hazard or principal control plan	The front legs of a shaft support frame failed whilst removing a hoist drum
Total			29

Safety assessments

Safety assessments conducted by sector



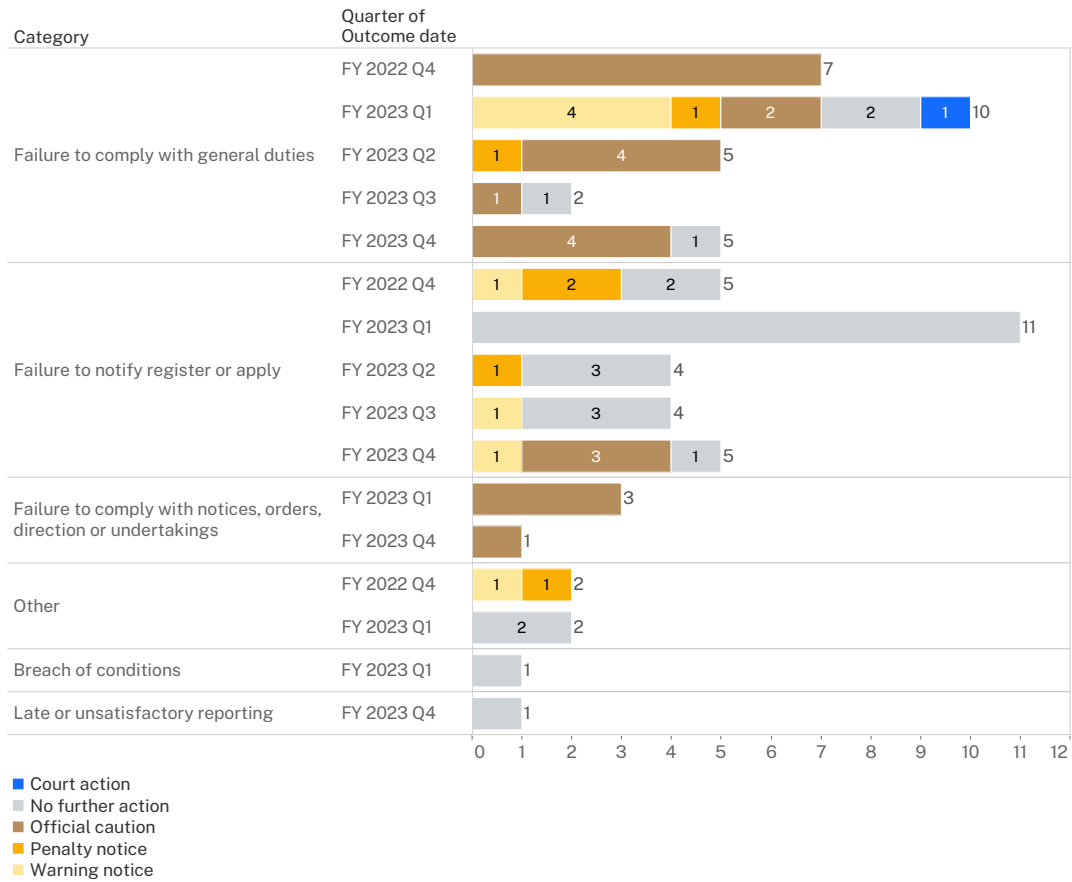
Proactive and reactive safety site assessments conducted*



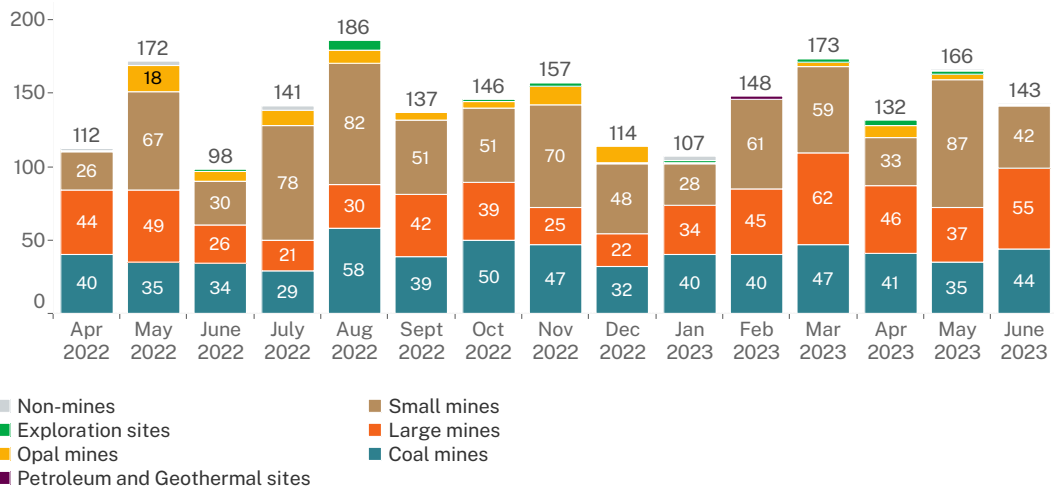
* Fluctuations in the number of site assessments were due to COVID-19 restrictions.

Safety compliance and enforcement activities

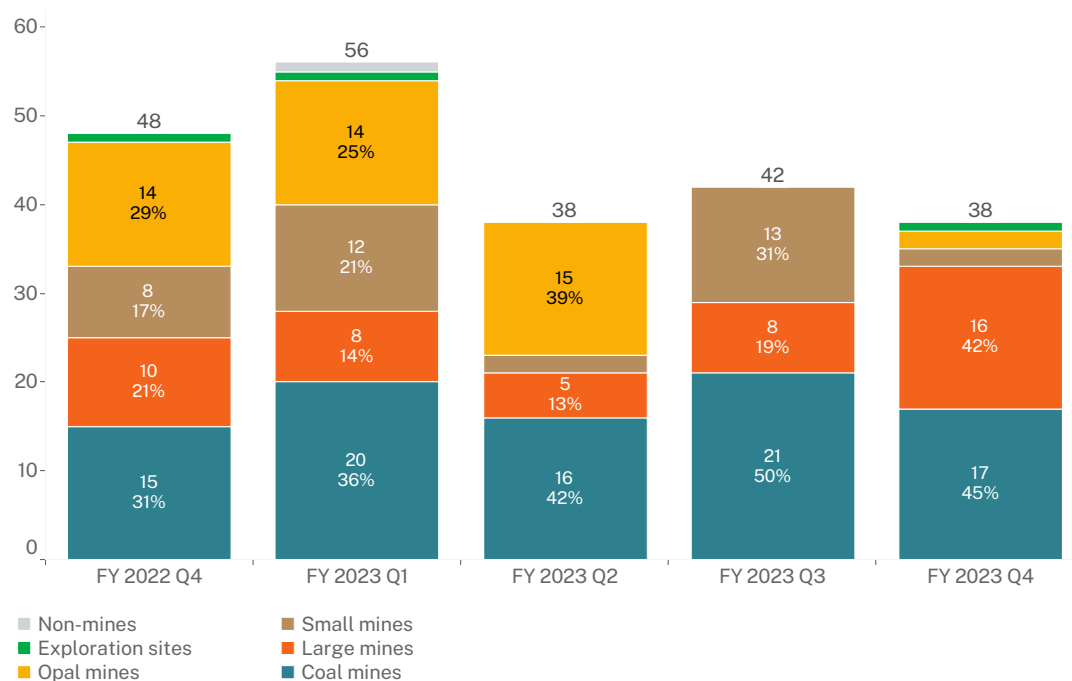
Safety non-compliance by category and response



Safety statutory notices issues by sector



Safety prohibition notices issued by sector



Details of safety prohibition notices issued this quarter

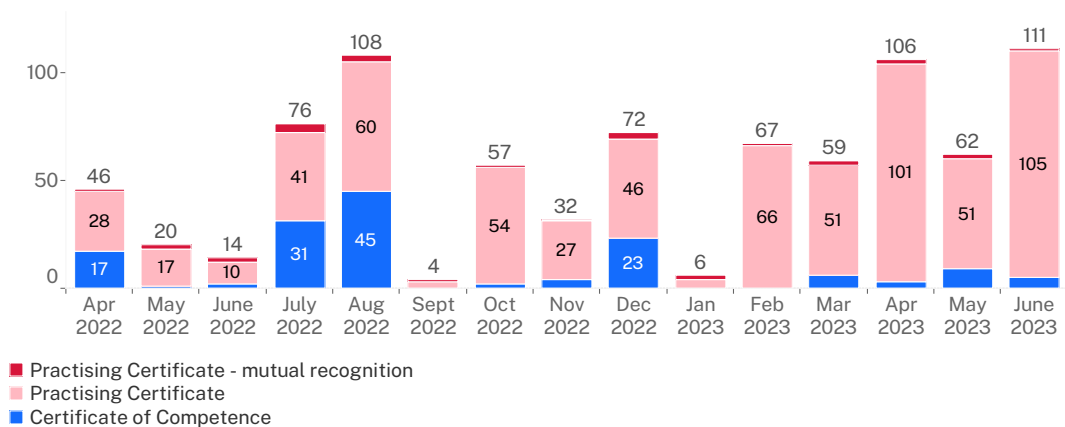
Issued to PCBU*	Mine location	Prohibited activity
Cobar Management Pty Ltd	CSA Mine	Use of Epiroc ST14 battery electric loader LD25 operationally until the park brake initiation issue is rectified
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations - Underground	Use of continuous miner CM03 for production or strata support until NDT inspection of remaining platform mounts is completed and any defects rectified
Tomingley Gold Operations Pty Ltd	Tomingley Gold Mine	Development Mining in the SAR (San Antonio Roswell) Mining block at Tomingley Gold Mine
CMOC Mining Pty Limited	Northparkes Mines	Cutting of IBCs or flammable liquid storage containers
Evolution Mining Limited	Cowal Gold Mine	Production charging at the open edge of a void Using the "stope pole" as an approved anchor point for any activity
CMOC Mining Pty Limited	Northparkes Mines	The use of IBCs which currently or have previously contained corrosive chemicals as rubbish bins
Robert Andrew Pavitt	MC45564	All mining activities
Douglas Sharpley	MC52681	All mining activities
Evolution Mining Limited	Cowal Gold Mine	Persons entering the stope under unsupported ground
Boral Resources (Country) Pty Limited	Boral Teven Quarry	No workers shall access the area adjacent to or beneath the dump bin wall damaged on 18 April 2023, except to access the area to make safe and secure

Issued to PCBU*	Mine location	Prohibited activity
Clarence Coal Pty Limited	Clarence Colliery	Use of the Treated Water Lagoon dam wall as a vehicle access road
Helensburgh Coal Pty Ltd	Metropolitan Colliery	The operation of rubber tyred vehicles (RTVs) along the MG309 travel road in greater than first gear from the outbye side of A heading 6 cut-through inbye
Dixon Sand Pty Ltd	Dixon Sand -Haerses Road Quarry	To conduct working at heights activities without controls to prevent a person falling from height
Perilya Broken Hill Limited	Potosi Operations	Operation, use or alteration of R2900 CAT loader (UL 15)
Peter Mitchell	EL 5728	Use of the modified pipe wrench as part of the drill rod breakout system
Wollongong Resources Pty Ltd	Russell Vale Colliery	Coal production activities involving the cutting of coal and subsequent roof support activities in the Wonga Mains development panel
Tahmoor Coal Pty Ltd	Tahmoor Colliery	Mining in A Heading 34 cut through to 34 1/3 cut through 500 Mains and mining from B Heading 34 1/3 cut through 500 Mains to 1 cut through MG 4A
Yancoal Mining Services Pty Ltd	Ashton Coal Mine (Underground)	Dewatering 35 cut through to 36 cut through B Heading MG204 in the ULLD Seam of Ashton Underground
Wollongong Resources Pty Ltd	Russell Vale Colliery	Running RV3 Conveyor belt without a person being present to perform fire watch duties, in particular about the boot-end area
Shoalhaven Coal Pty Ltd	Invincible Colliery Open Cut Operations	Excavation and dumping of material at Invincible Colliery Open Cut Operations
Tritton Resources Pty Ltd	Tritton Copper Mine	No drilling or mining activities are to occur at the face of the incident location (4040 001 SL2) except for any actions to satisfy this notice
Endeavour Coal Pty Ltd	Appin Colliery	Installing mesh and/or bolts in unsupported strata in front of the powered roof support canopies
Wollongong Resources Pty Ltd	Russell Vale Colliery	Prohibit cutting activities at panel 29
Helensburgh Coal Pty Ltd	Metropolitan Colliery	Prohibit the use of Eimco 4, but not preventing moving the machine approximately 300 m to 13 line underground workshop to carry out investigation
Wollongong Resources Pty Ltd	Russell Vale Colliery	All coal cutting activity in PC29 and PC28 Panel areas
Broken Hill Operations Pty Ltd	Rasp Mine	Prohibit access inside the Crusher Shed whilst ROM loader is loading ROM bin
Evolution Mining Limited	Cowal Gold Mine	All works associated with the construction of the geotech safety bund
Evolution Mining Limited	Cowal Gold Mine	Access of any person within 20 meters of the highwall toe including an area 20 meters either side of the drill that was struck
Evolution Mining Limited	Cowal Gold Mine	Drilling within 2.0m of the Highwall/Pit wall. Drilling with the access door to the drill rig facing the Highwall/Pit wall
Evolution Mining Limited	Cowal Gold Mine	Working below any activity which has the risk of causing rocks to fall

Issued to PCBU*	Mine location	Prohibited activity
Anthony Morris	Liddell Coal Operations	The removal of wheel hub assemblies (on haul trucks) from the tapered strut shaft, whilst the strut remains attached to the haul truck
Bulga Coal Management Pty Limited	Bulga Surface Operations	Load and haul from the dig block in Strip 7 Main Pit (Excavator 42)
Mt Owen Pty Limited	Mt Owen Glendell Operations	Re-fuelling operations on sled mounted diesel driven water pumps
Newcrest Mining Limited	Cadia East UG	Prohibit persons from going forward of the front stabilisers' jacks of development jumbos when the jumbos hydraulic boom/drifter functions have not been effectively isolated
Evolution Mining Limited	Cowal Gold Mine	Electrical work on energised electrical equipment without an approved HRA
Bloomfield Collieries Pty Ltd	Rixs Creek Mine	Refuelling of any plant or equipment using petrol
Boral Resources (NSW) Pty Ltd	Peppertree Quarry	Reversing haul trucks on any haul roads or other vehicle operating areas other than at truck loading areas at the quarry and designated dump areas Reversing haul trucks at all intersections and crossings, including cautionary, give way, and stop signs
Coal & Allied (NSW) Pty Limited	Mount Thorley Warkworth Operations	Removal of P&H dragline Number 103 hoist drum shaft
Total		38

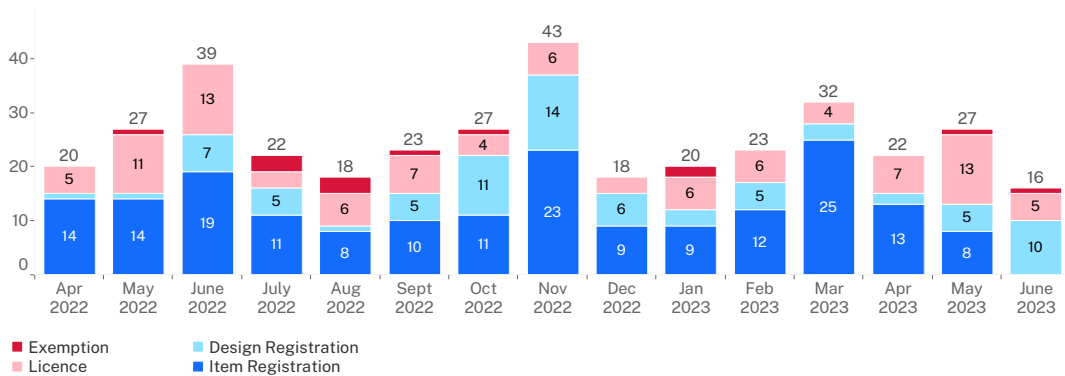
Mining competencies activities

Competence and practising certificates granted



Mining authorisation activities

Exemptions, licences, design registrations and item registrations granted

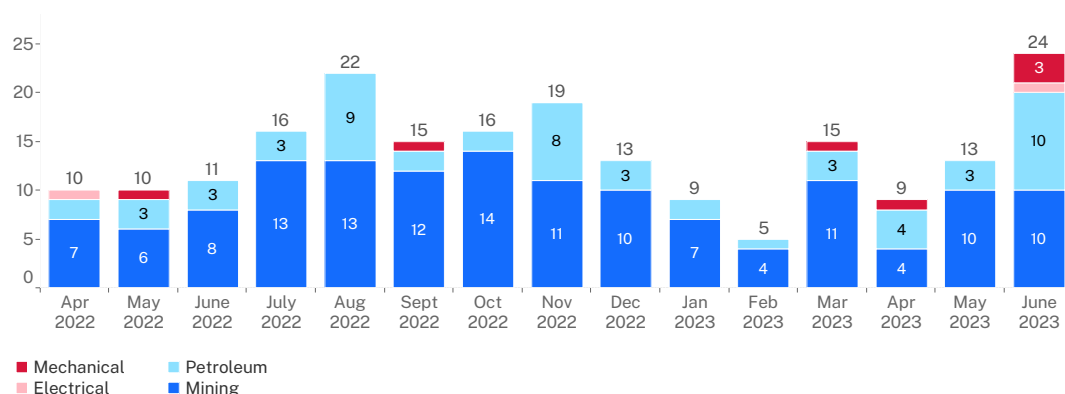


Exemption applications refused this quarter

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

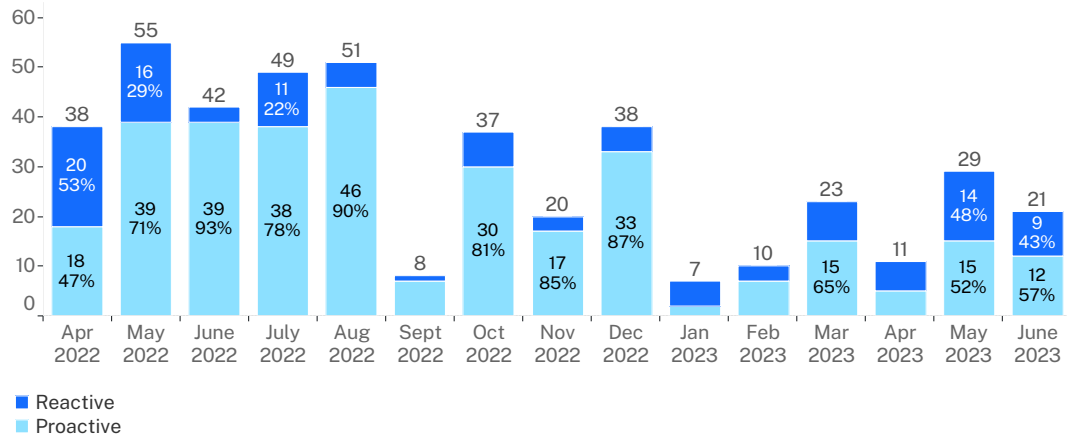
Legislation*	Type of high risk activity	Number
WHS(MPS) Reg 2022 Sch 3 s 2	Electrical work on energised equipment	1
WHS(MPS) Reg 2022 Sch 3 s 3	Winding systems	1
WHS(MPS) Reg 2022 Sch 3 s 5	Development of new mine entry	1
WHS(MPS) Reg 2022 Sch 3 s 9(2)(b)	Working in inrush control zone	2
WHS(MPS) Reg 2022 Sch 3 s 12	Sealing	4
WHS(MPS) Reg 2022 Sch 3 s 13	Hot work in a hazardous zone	3
WHS(MPS) Reg 2022 Sch 3 s 16	Formation of non-conforming pillars	1
WHS(MPS) Reg 2022 Sch 3 s 19	Mining in an outburst control zone	1
WHS(MPS) Reg 2022 Sch 3 s 34	Well workover	7
WHS(MPS) Reg 2022 Sch 3 s 35	Decommissioning a well	3
Total		24

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

Mining Act 1992 activities

Mining Act assessments

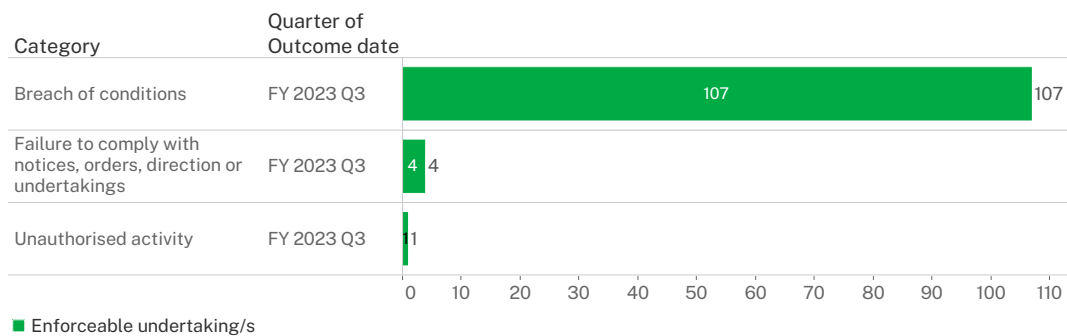
Proactive and reactive Mining Act site assessments conducted



Mining Act compliance and enforcement activities

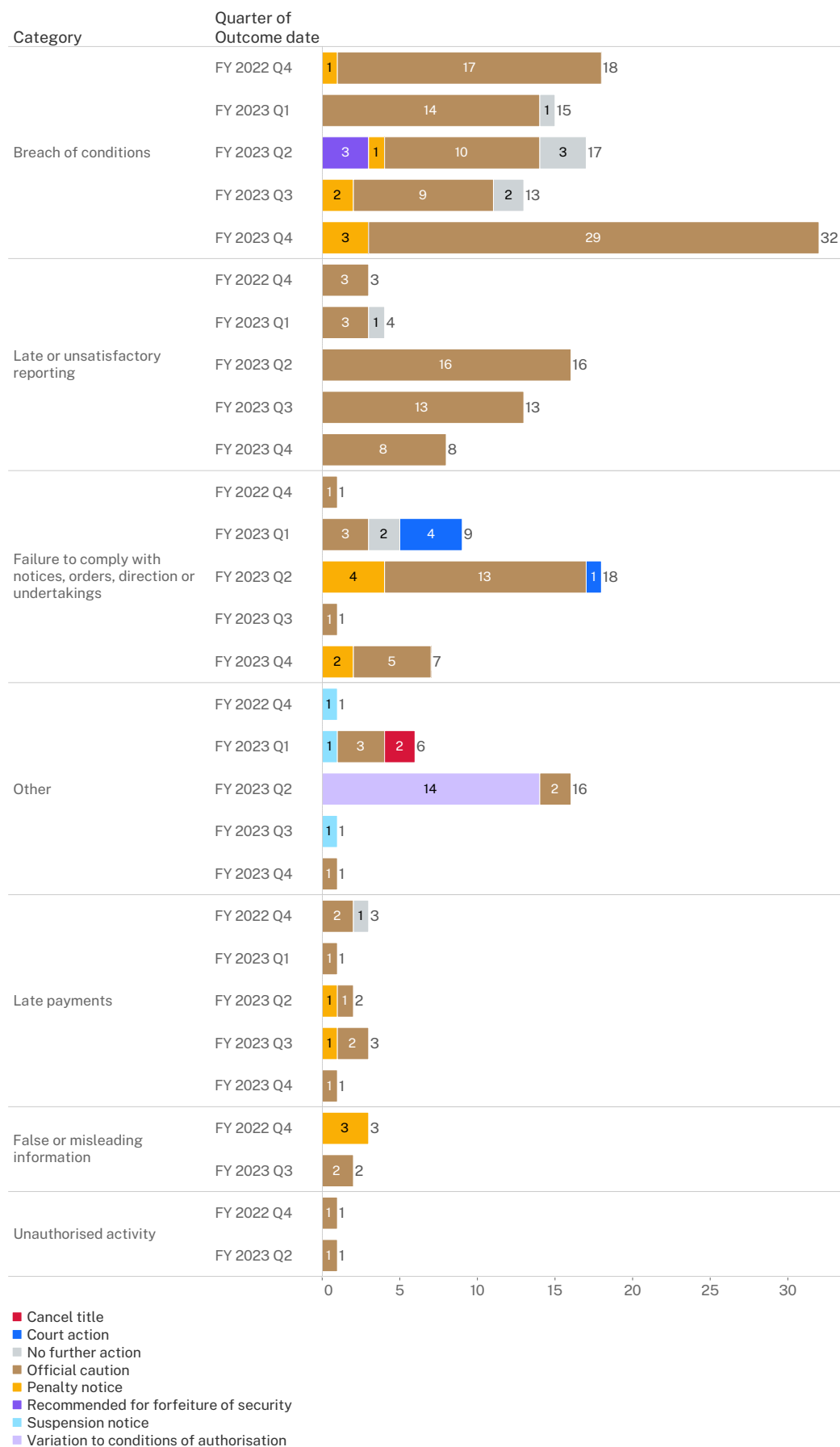
There was a marked increase in the number of non-compliances resulting in an enforceable undertaking this quarter, and these have been shown in a separate chart.

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

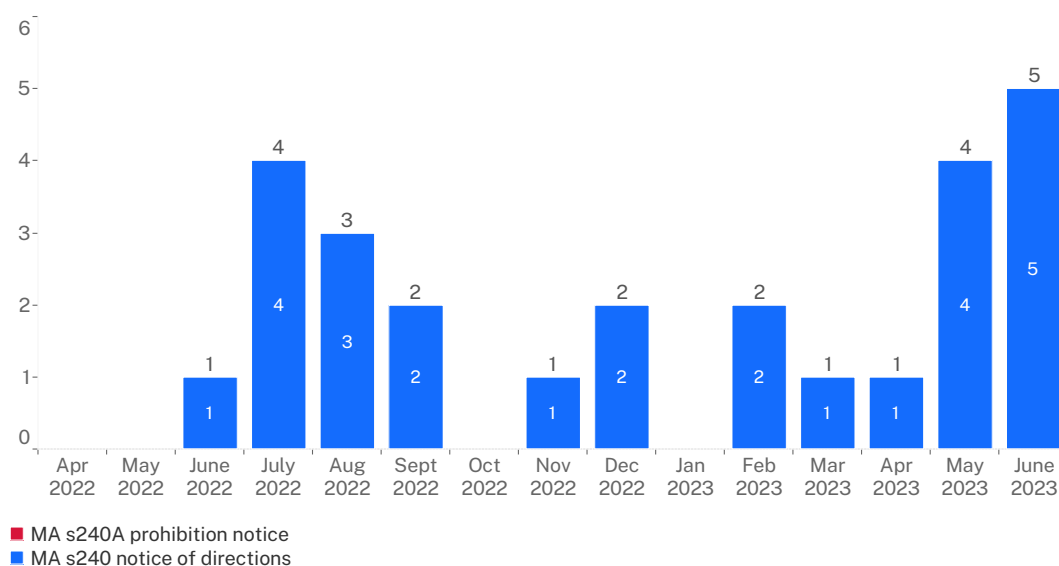


The Regulator accepted one enforceable undertaking in relation to nine alleged contraventions of the *Mining Act 1992* from Rangott Mineral Exploration Pty Ltd. Rangott must spend a minimum of \$87,500.00, excluding GST, in carrying out the terms of the proposed enforceable undertaking, inclusive of the Regulator's recoverable costs.

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



Mining Act notices issued by notice type



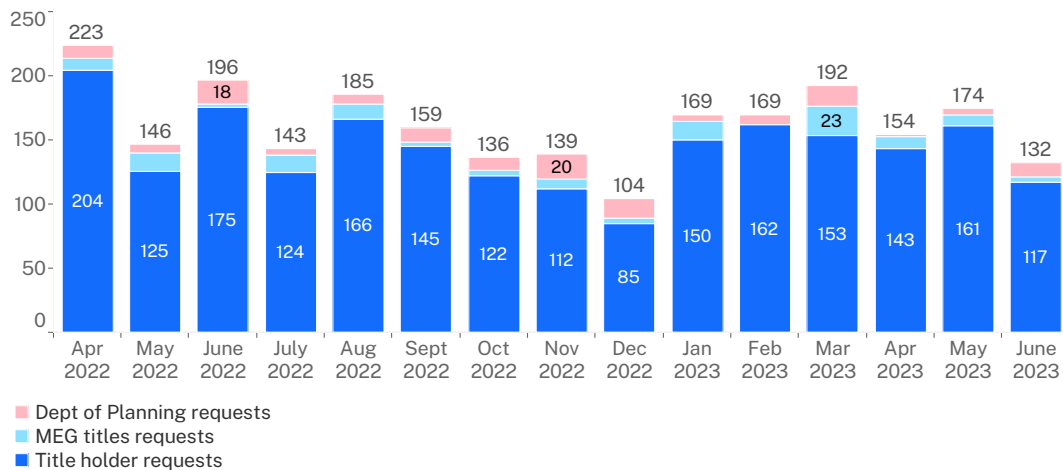
Details of key enforcement actions under the Mining Act this quarter

Entity	Mine	Action	Allegation/finding
Conrad Resources Pty Ltd	ML5992 (1906)	Penalty notice (\$5,000)	Contravention of s.240C -failure to provide evidence of successful rehabilitation
Conrad Resources Pty Ltd	EL5977 (1992)	Penalty notice (\$5,000)	Contravention of s.240C -failure to provide evidence of successful rehabilitation
Broula King Joint Venture Pty Ltd	Broula King Gold Mine	Penalty notice (\$2,500)	Breach of conditions of authorisation s.378D, clause 12(1)(a)
Broula King Joint Venture Pty Ltd	Broula King Gold Mine	Penalty notice (\$2,500)	Breach of conditions of authorisation s.378D, clause 12(1)(c)
Broula King Joint Venture Pty Ltd	Broula King Gold Mine	Penalty notice (\$2,500)	Breach of conditions of authorisation s.378D, clause 13(1)
Total			5

Mining Act requests for service

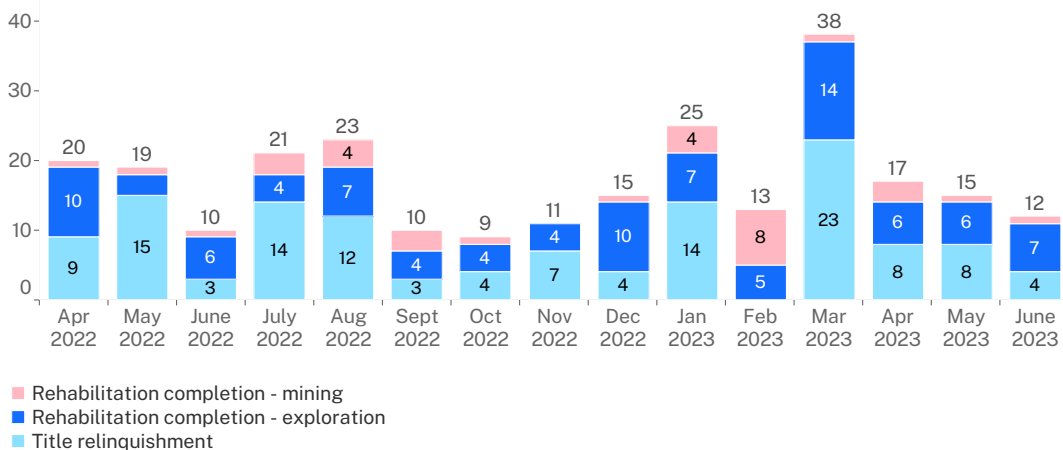
Requests for service includes requests from title holders, other branches within Mining, Exploration and Geoscience concerning the administration of mining authorisations, and requests from either the NSW Department of Planning and Environment or a local consent authority relating to development assessment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

Mining Act requests for service actioned



Mining Act rehabilitation completion

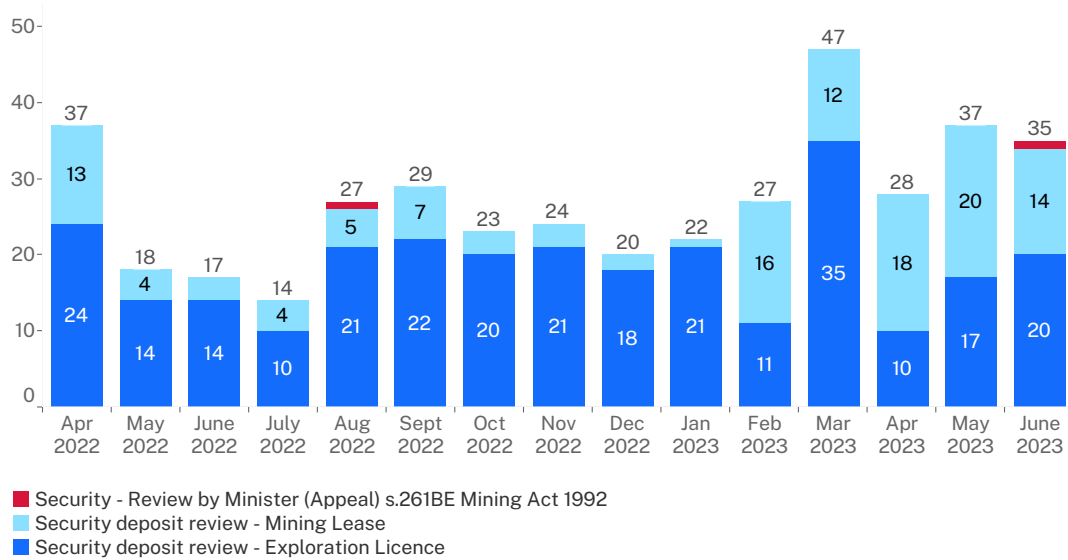
Mining Act rehabilitation completion actioned



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 –RU-002 Conveyor belting	Committee meeting	1
Berrima Colliery Closure Working Group	Committee meeting	1
Standards Association –ME-005-10 Elevated work platforms	Committee meeting	1
Total		3

External education and engagement activities

Workshops and information sessions

Type of activity	Location	Detail	Number
Forum	Cessnock	Open Cut Drill & Blast Forum	1
Information session	Online	Small Mines Engagement Session	1
Workshop	Online	Opal Mining Safety Workshop	1
Workshop	Lightning Ridge	Opal Mining Safety Workshop	1
Total			4

Publications and alerts

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

Type	Number
Enforceable undertakings	1
Exam papers	6
Forms	1
Gazette	0
Guidance material	7
Investigation information release	4
Investigation report	0
Mine rehabilitation news	1
Mine safety news	5
Rehabilitation information release	1
Reports	12
Safety alert	0
Safety bulletin	4
Video	1
Weekly incident summary	12
Total	55

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