
Quarterly business activities report

July to September 2024

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November 2024	1	First published

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Activities at a glance



Key activities

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

- release of a video regarding entanglement prevention on jumbo drill rigs on the Regulator's YouTube channel
- 4 investigation information releases concerning an unplanned explosion, a reclaim tunnel explosion, an underground worker injured by a moving loader bucket, and an underground mine roof fall
- 2 investigation reports about a loader fire and a serious hand injury to a worker operating a mobile screen
- 5 safety bulletins about overtaking in mining areas, hand/finger injuries, wheel assemblies detaching from mobile plant, pressurised systems incidents and mobile plant used for pulling create a line of fire hazard
- 2 safety alerts regarding an underground mine vehicle collision and a longwall face fire
- 14 fact sheets covering fire and explosion, control plans, roads or other vehicle operating areas, inundation or inrush, mineral claims, psychosocial hazards and workplace bullying.

Other publications included:

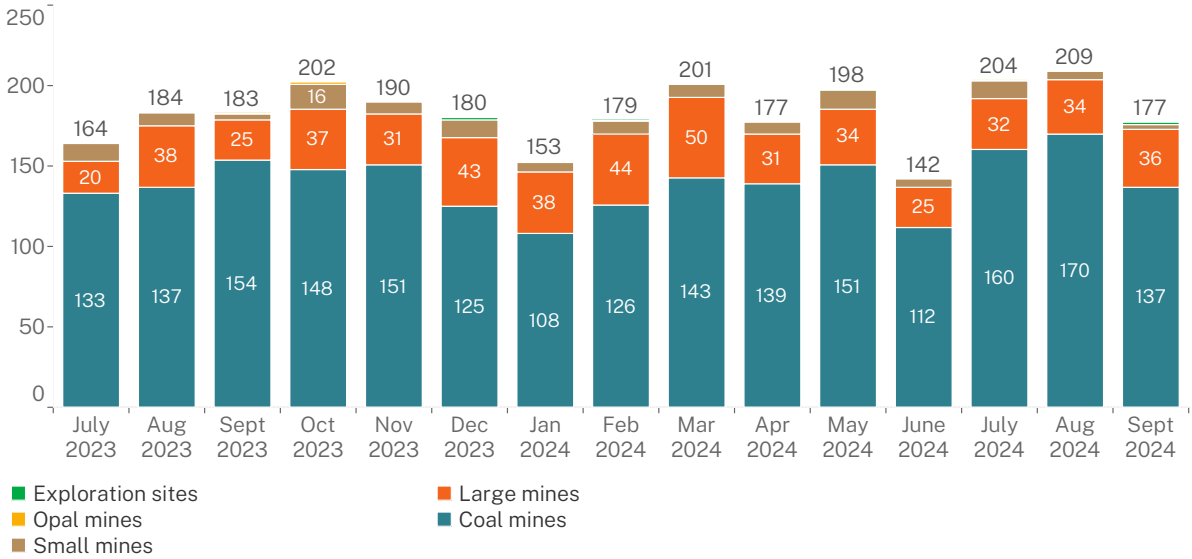
- Quarterly safety report for Q4 FY 2024
- Quarterly business activities report for Q4 FY 2024
- 13 editions of the Weekly Incident Summary
- 6 editions of Mine Safety News
- 1 edition of Mine Rehabilitation News.

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

Work health and safety activities

Safety incident notifications

Safety incidents by date notified and sector

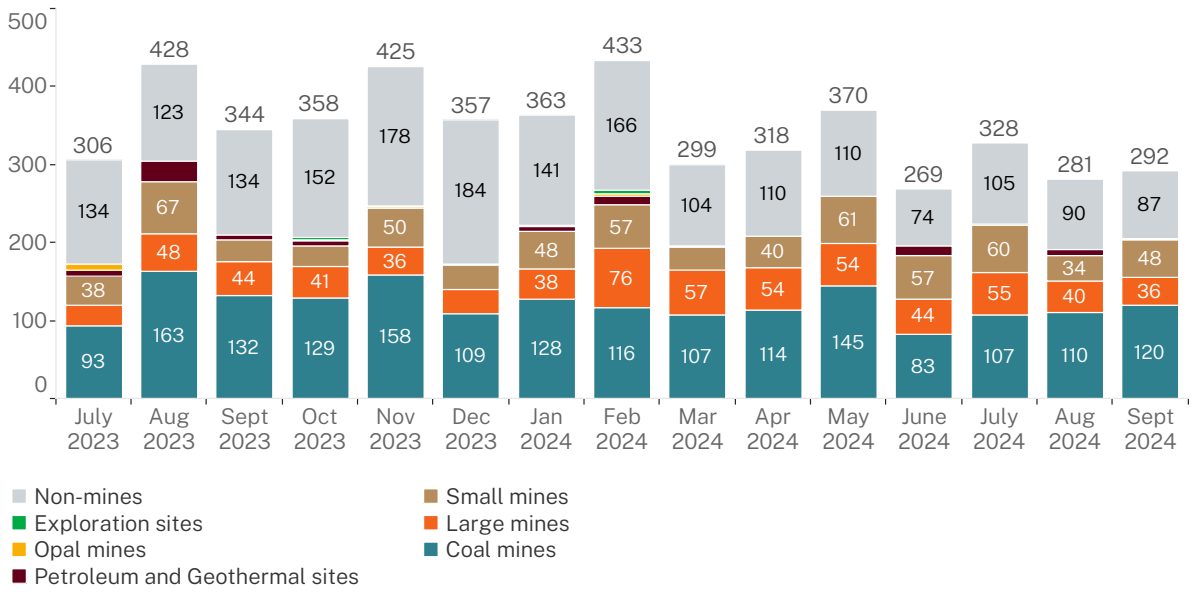


Details of safety incidents where inspectors were deployed this quarter

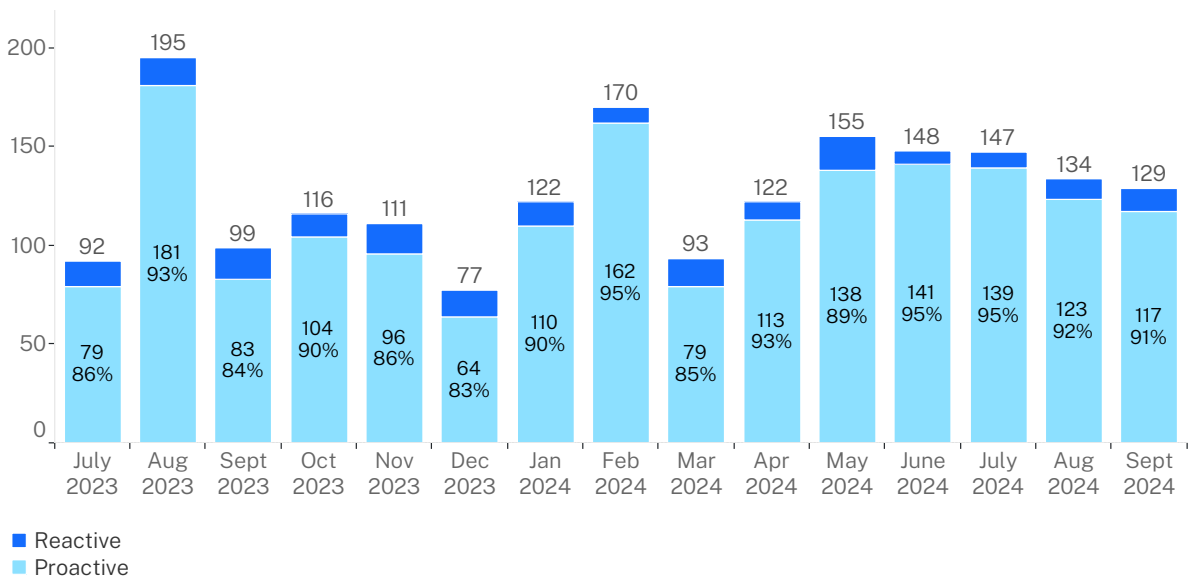
Date notified	Reporting sector	Hazard	Incident
1 Jul	Coal mines	No related principal mining hazard or principal control plan	Worker seriously injured leg after being hit by poly pipe
3 Jul	Large mines – metalliferous and quarries	Mechanical engineering control plan	Detonators broken by material rilling in the stope
9 Jul	Coal mines	Ground or strata failure	Roof and skin failure in unbolted area
10 Jul	Large mines – metalliferous and quarries	Roads or other vehicle operating areas	Worker suffered leg injury after being hit by loader
22 Jul	Large mines – metalliferous and quarries	Fire or explosion	Explosion in scats tunnel
12 Aug	Coal mines	No related principal mining hazard or principal control plan	Rope released from basket under tension during maintenance
16 Aug	Coal mines	No related principal mining hazard or principal control plan	Nut flew through forklift truck window during pin removal attempt
18 Aug	Coal mines	No related principal mining hazard or principal control plan	Fall of coal at roof/rib interface striking worker
20 Aug	Coal mines	Explosives control plan	Misfire exploded adjacent to excavator and dozer
20 Aug	Coal mines	No related principal mining hazard or principal control plan	Worker in basket hit their head on platform after being contacted by pipe during reclamation
27 Aug	Coal mines	Fire or explosion	Sparks and flames from tail gate drum of shearer
3 Sep	Large mines – metalliferous and quarries	Mechanical engineering control plan	Haul truck tyre failure which ejected rocks and scatty material
4 Sep	Coal mines	Subsidence	Rock fell from highwall landing on dozer
14 Sep	Coal mines	Fire or explosion	Smoke from dust material atop conveyor pulley frame
17 Sep	Coal mines	No related principal mining hazard or principal control plan	Worker fell down shaft resulting in fatality
23 Sep	Coal mines	No related principal mining hazard or principal control plan	Strut pivoted during fitting causing serious laceration to worker
Total			16

Safety assessments

Safety assessments conducted by sector

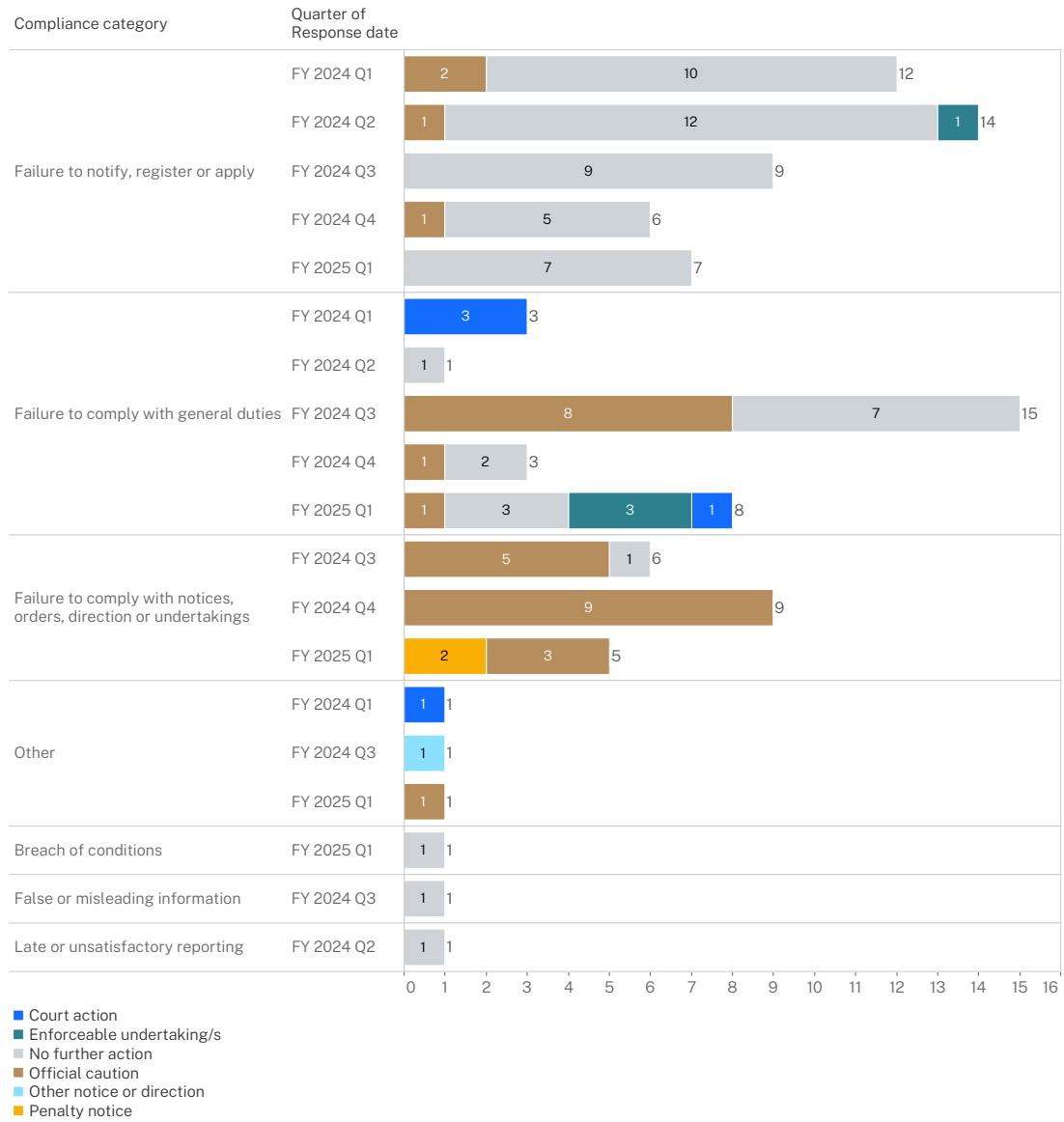


Safety site assessments conducted by nature

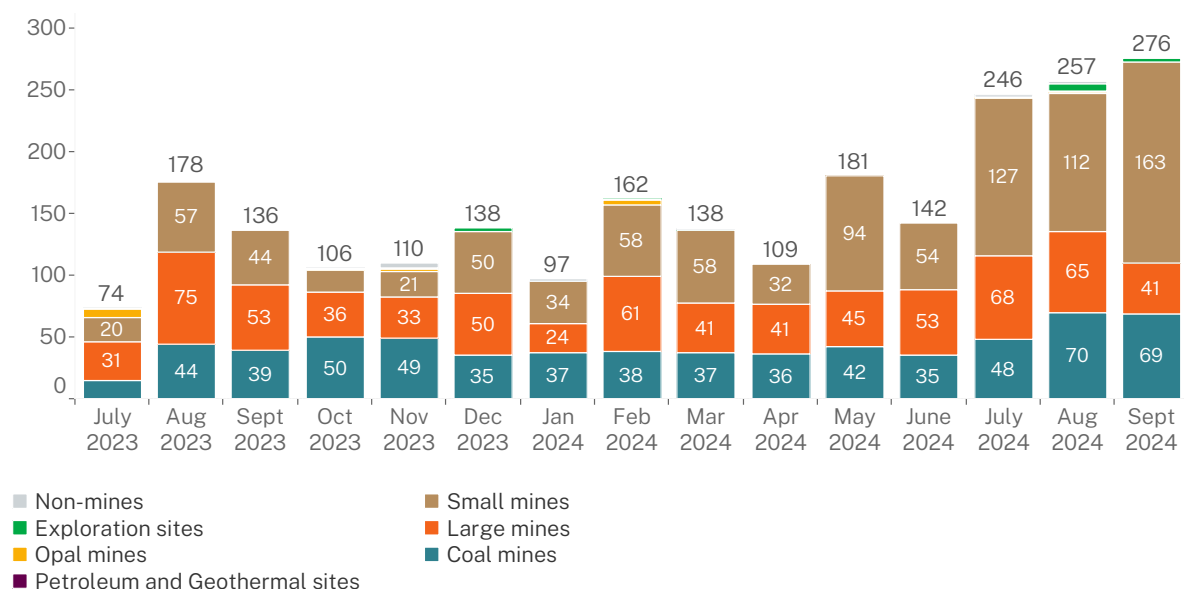


Safety compliance and enforcement activities

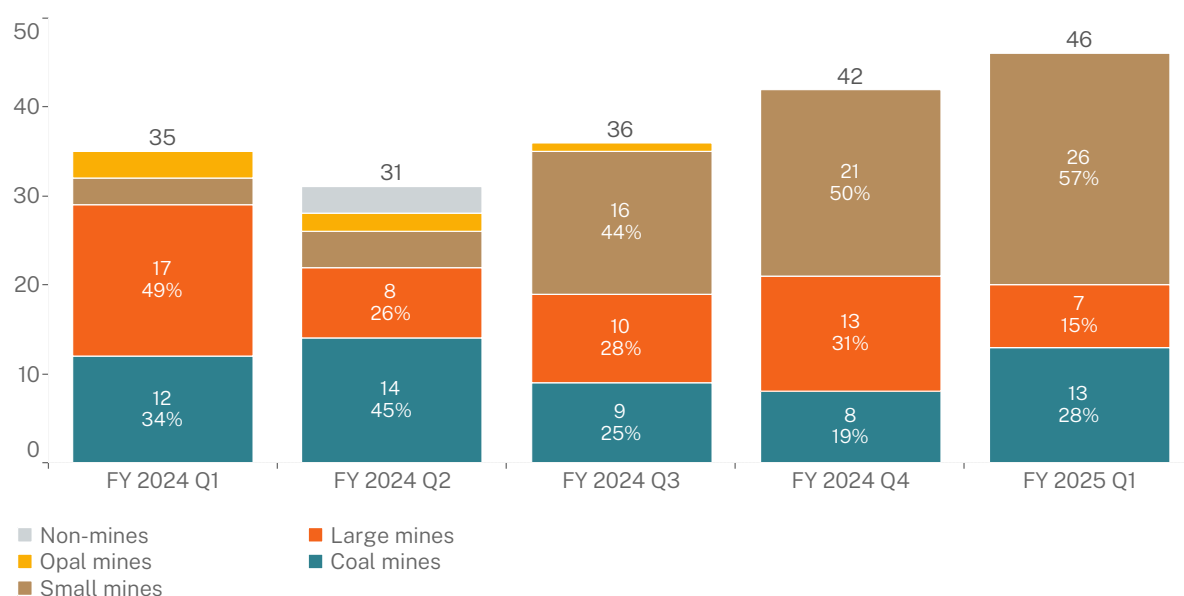
Safety non-compliance by category and response



Safety statutory notices issued by sector



Safety prohibition notices issued by sector



Details of safety prohibition notices issued this quarter

Issued to PCBU	Mine location	Prohibited activity
Mt Arthur Coal Pty Ltd	Mt Arthur North	The pulling or joining of any in-pit pumping poly pipe
Tritton Resources Pty Ltd	Tritton Copper Mine	No secondary break activities to be conducted in open draw points of stopes
Tritton Resources Pty Ltd	Tritton Copper Mine	Recovery/refiring of the 10 charged holes in the large stone at the 4958 H03 drawpoint
Regional Group Australia	Namoi Valley Quarry	Workers are not to access any walkways on Terex Screen unit G5563
Burmix Concrete Pty Ltd	Tarcoola	No access past the side mirrors on the two Volvo Articulated dump trucks on site (A40 E & A35 E) where no guard rails are present

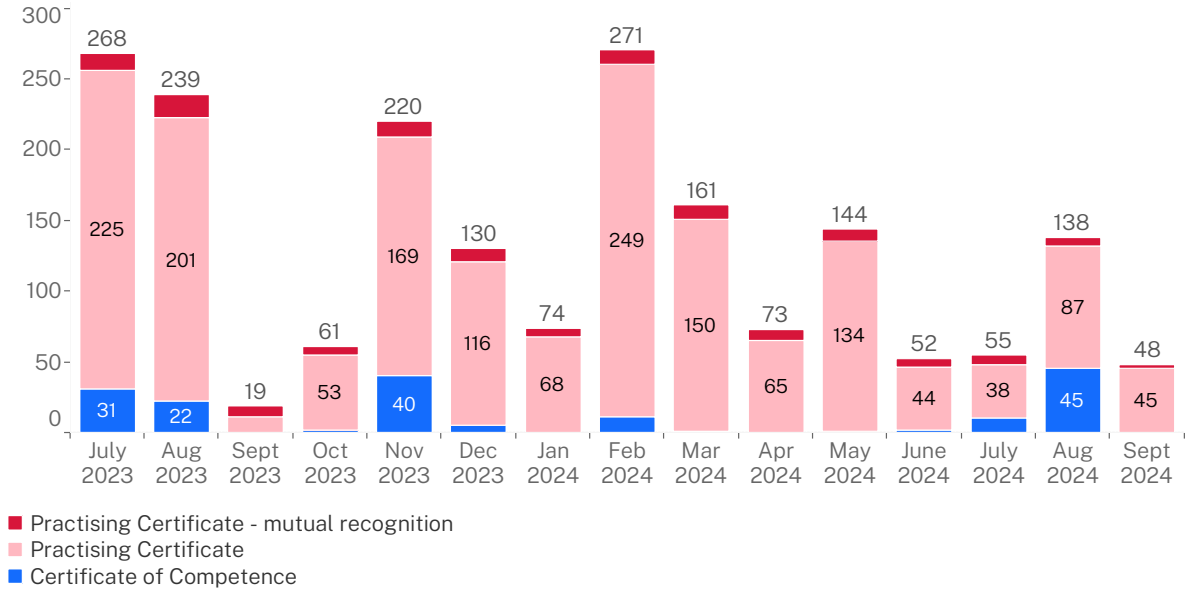
Issued to PCBU	Mine location	Prohibited activity
Tegra Australia Pty Ltd	Tegra Australia Jugiong Quarry	No access to the Number 2 fixed screen deck walkway
Tegra Australia Pty Ltd	Tegra Australia Jugiong Quarry	No access to the Hitachi Sumitomo dragline tracks to undertake maintenance activities at height
Clarence Coal Pty Ltd	Clarence Colliery	Access inbye of the barricades installed in roadways 13 and 14 c/t A to Z heading
Clarence Coal Pty Ltd	Clarence Colliery	Formation of intersections leading to unsupported cut-outs
Cadia Holdings Pty Ltd	Ridgeway Gold Mine	Removal or bogging of materials/rocks from the North Decline
Calvani Crushing Pty Ltd	Narrabri Shire Council - Bow Hills	The operation of Calvani Crushing Pty Ltd's mobile crushing and screening equipment
Regional Group Australia	Namoi Valley Quarry	No person to access the back of the Case CX 250C excavator where there are no safety guard/hand rails present
Moolarben Coal Operations Pty Ltd	Moolarben Coal Operations - Underground	Operation, use or maintenance of QDS concrete pumps or similar concrete pumps
Zeolite Australia Pty Ltd	Escott Zeolite Mine	Workers are not to work from the top of the sea containers or use a step ladder to climb up the side of the sea containers to gain access/egress. The elevated work platform is not to be used to lift metal structures.
Zeolite Australia Pty Ltd	Escott Zeolite Mine	The water cart is not to be operated in the open pit mine
EOE (No.75) Pty Ltd	Ardlethan Tin Mine	<ol style="list-style-type: none"> 1. No person to proceed beyond the hand rail support on the Volvo A35 articulated dump trucks (drivers side), unless it is to enter cabin. 2. No access to the access stairs and walkway of the Volvo A35 articulated dump truck (off side of machine) for maintenance or cleaning activities.
Tronox Mining Australia Ltd	Broken Hill Mineral Separation Plant	Operation, use or alteration of Caterpillar 740 haul truck Unit No. 542
Andy's Earthworks Pty Ltd	Sydney Sandstone Quarry	The contractors mobile crushing and screening plant including the stacker on site is not to be operated for production purposes
Andy's Earthworks Pty Ltd	Sydney Sandstone Quarry	No person to access the back of the Zaxis 225 USR excavator where there are no safety guard/hand rails present
Tritton Resources Pty Ltd	Tritton Copper Mine	Use of Toyota Prado Landcruiser (registration number DJ51EW) prior to the vehicle's brakes being repaired
Dartbrook Operations Pty Ltd	Dartbrook Mine	Continued installation or removal of the conveyor pull rope
Carnavalesca Pty Ltd	Paragalli Sands Lakelands	No access past the cabin door where there are no handrails installed on the A25 D Volvo articulated dump truck, both sides of the truck cabin
Dartbrook Operations Pty Ltd	Dartbrook Mine	Use of conveyor pull rope currently located on the return frames of the Hunter Tunnel conveyor structure
Mangoola Coal Operations Pty Ltd	Mangoola Coal Mine	Removal of pins by pulling with mobile plant via webbing slings and mechanical devices

Issued to PCBU	Mine location	Prohibited activity
Individual	Mt Arthur South (Thiess Pty Ltd)	No mining activities are to occur at the dig face and bench area within the site's 'proposed exclusion zone' within blast block A03S01_B31C_100_0489 of the Roxburgh pit
Dendrobium Coal Pty Ltd	Dendrobium Colliery	Removal and transportation of the remaining 12-inch gas drainage pipes from the stub at Ahdg 7ct Tailgate 22
Centennial Mandalong Pty Ltd	Mandalong Mine	Mining in LW58 Production Area
Clarence Sands Pty Ltd	Clarence Sands P/L	No person is to access the top of the elevated support bases on both the coarse and fine sand stackers until adequate fall from height protection is provided
Evolution Mining Ltd	Cowal Gold Mine	Conducting any work on a raisebore reamer head under an open hole or any unsupported ground
Evolution Mining Ltd	Cowal Gold Mine	Any reaming activity with a raisebore
A to Z Contracting Pty Ltd	Lloydsville Quarry	No person to access the back of the Volvo 240 excavator where there are no safety guard/hand rails present
Individual	Taylor's Quarry	The use of the pugmill and stacker conveyor PO876
Individual	Taylor's Quarry	The use of the crushing and screening equipment (unit numbers CCP13, MM097 & Terex XA400)
Individual	Taylor's Quarry	The use of wheel loaders to load out stock piles
Boral Resources (Country) Pty Ltd	Byrock Quarry	Workers accessing the crusher control platform or the area behind the crusher and control room while the crusher is in operation
Dartbrook Operations Pty Ltd	Dartbrook Mine	Exercising the statutory function of deputy or undermanager in any NSW underground coal mine
Individual	Roach Quarry	The use of the crushing and screening plant (mobile and fixed) on site
Individual	Roach Quarry	The use of a tool, such as a screwdriver, to operate the bypass mechanism on the switchboard main isolators, thereby bypassing the requirement that the isolator must be in the off position to open the doors
Yancoal Mining Services Pty Ltd	Austar Coal Mine- Underground Operation	Undertaking of any activity involved in the replacement of the temporary cover on #2 Shaft other than any activity required to make it safe
Jennings Civil Group Pty Ltd	Milliners Pit-Bombala	The Gasparin Impact crusher on site is not to be operated for production purposes
Jennings Civil Group Pty Ltd	Milliners Pit-Bombala	No access to the operator side walkway on the of the Volvo 380 excavator for maintenance or pre-start activities without the mine operator taking steps to control the risk of a fall from height from one level to another
Mt Arthur Coal Pty Limited	Mt Arthur North- (incl CHPP)	The removal or replacement of haul truck rear struts
Bluedime Concrete Pty Ltd	Ournie Quarry	The use of a ladder to access and operate the control panel, or by any other means that is not a solid construction
Individual	Eulonga quarries	The mine is not to use the extension cord that is used to connect the generator to the weighbridge

Issued to PCBU	Mine location	Prohibited activity
Bluedime Concrete Pty Ltd	Ournie Quarry	The sand plant screening and conveyor system on site is not to be operated for production purposes
Individual	Eulonga quarries	The mobile screening plant and conveyor system in the wet processing area on site is not to be operated for production purposes
Total		46

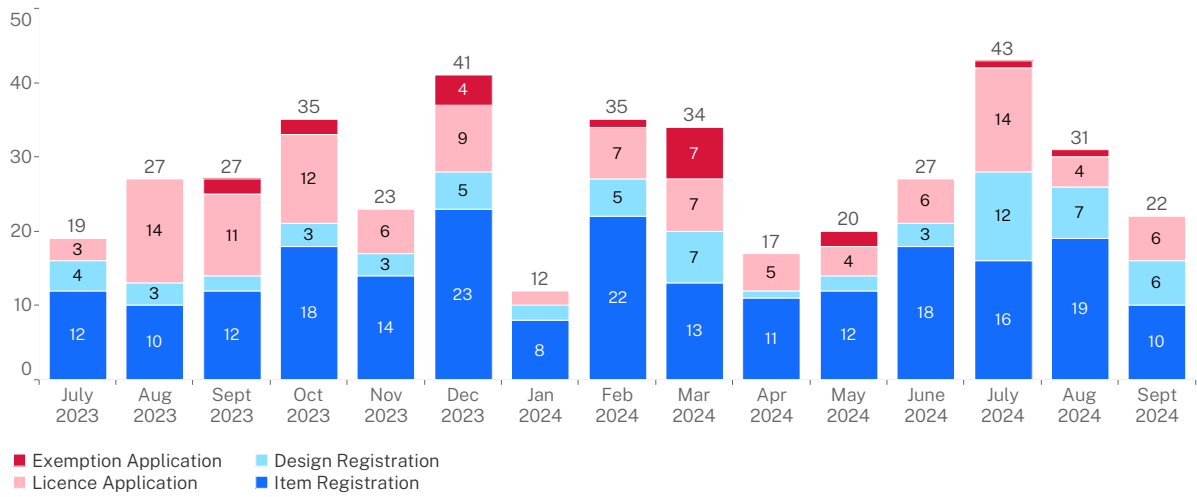
Mining competencies activities

Competence and practising certificates granted



Mining authorisation activities

Exemptions, licences, design registrations and item registrations granted

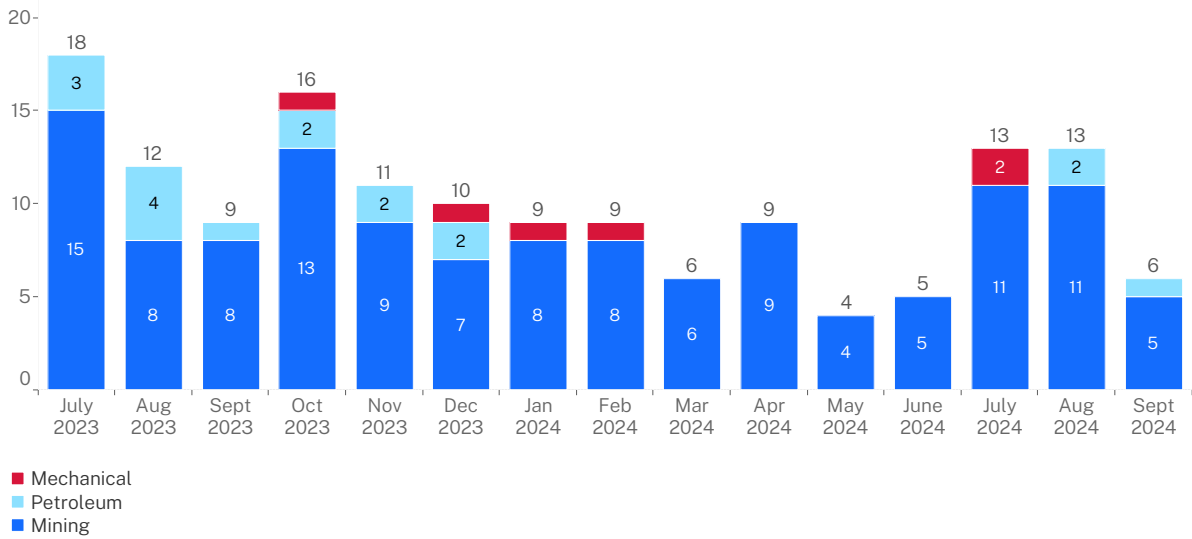


Exemption applications refused this quarter

No applications requesting exemption from specific provisions of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2022 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

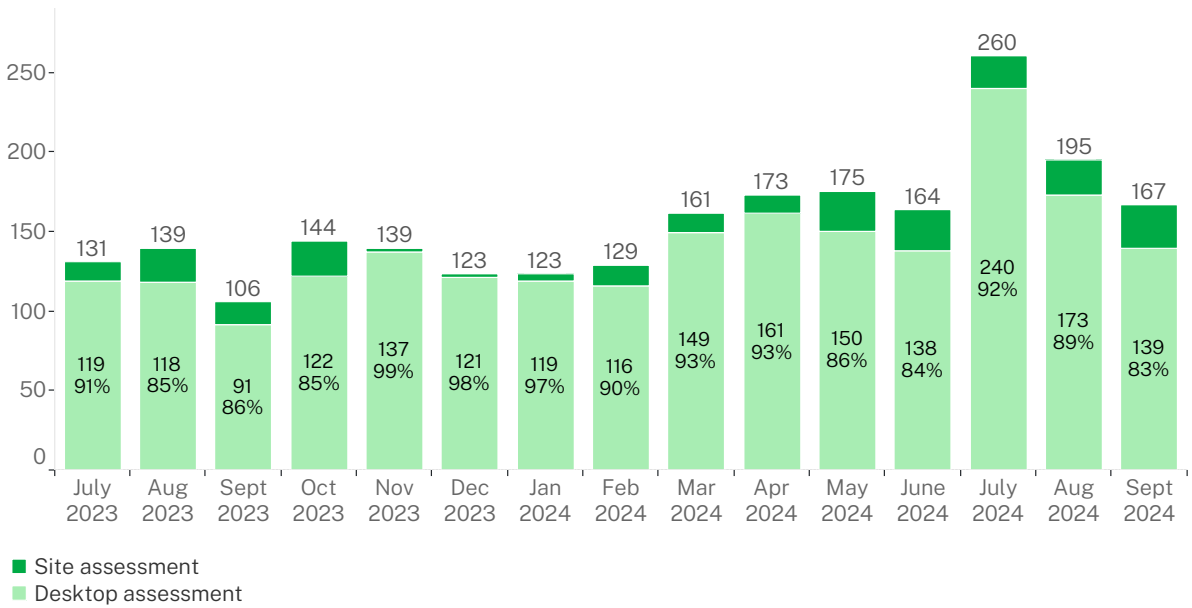
Legislation*	Type of high risk activity	Number
WHS(MPS) Reg 2022 Sch 3 s 3	Winding systems	2
WHS(MPS) Reg 2022 Sch 3 s 5	Development of new mine entry	2
WHS(MPS) Reg 2022 Sch 3 s 7	Raise boring	3
WHS(MPS) Reg 2022 Sch 3 s 11	Shotfiring	1
WHS(MPS) Reg 2022 Sch 3 s 12	Sealing	2
WHS(MPS) Reg 2022 Sch 3 s 13	Hot work in hazardous zone	1
WHS(MPS) Reg 2022 Sch 3 s 14	Underground roadway	3
WHS(MPS) Reg 2022 Sch 3 s 16	Formation of a pillar	2
WHS(MPS) Reg 2022 Sch 3 s 19	Mining in outburst control zone	2
WHS(MPS) Reg 2022 Sch 3 s 20(1)(b)	Coal dust explosion inhibitor	1
WHS(MPS) Reg 2022 Sch 3 s 22	Use of non-coal mine explosive	1
WHS(MPS) Reg 2022 Sch 3 s 23	Use of diesel engine vehicle	1
WHS(MPS) Reg 2022 Sch 3 s 25	Booster fans	1
WHS(MPS) Reg 2022 Sch 3 s 29	Emplacement area	3
WHS(MPS) Reg 2022 Sch 3 s 35	Decommissioning a well	3
WHS(MPS) Reg 2022 Sch 3 s 38	Tailings storage facility	4
Total		32

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

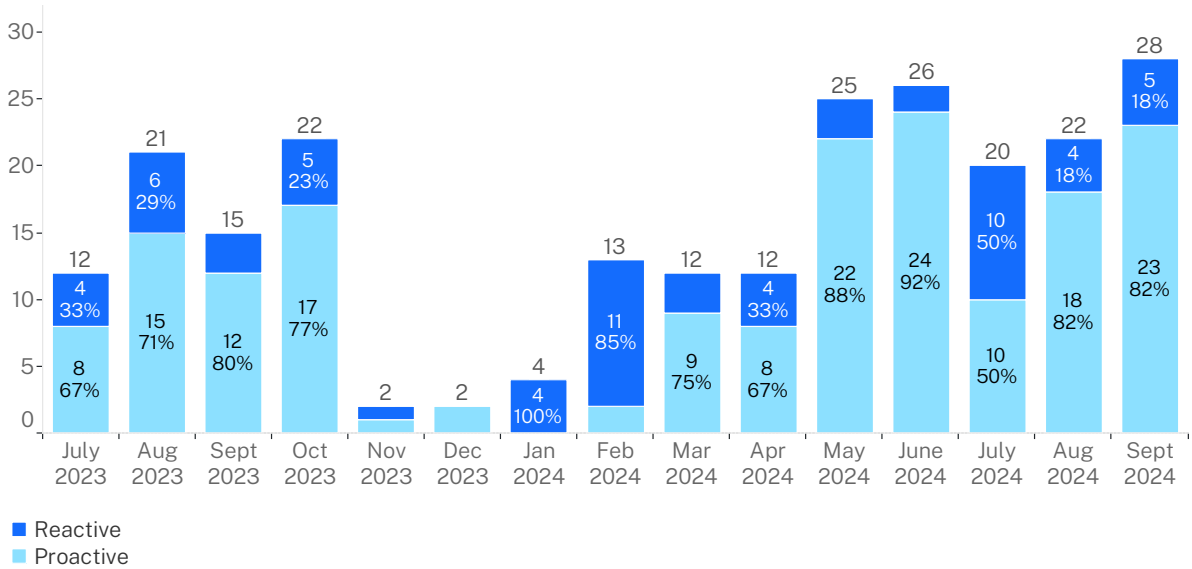
Mining Act 1992 and Petroleum (Onshore) Act 1991 activities

Mining Act and Petroleum (Onshore) Act assessments

Assessments conducted by category

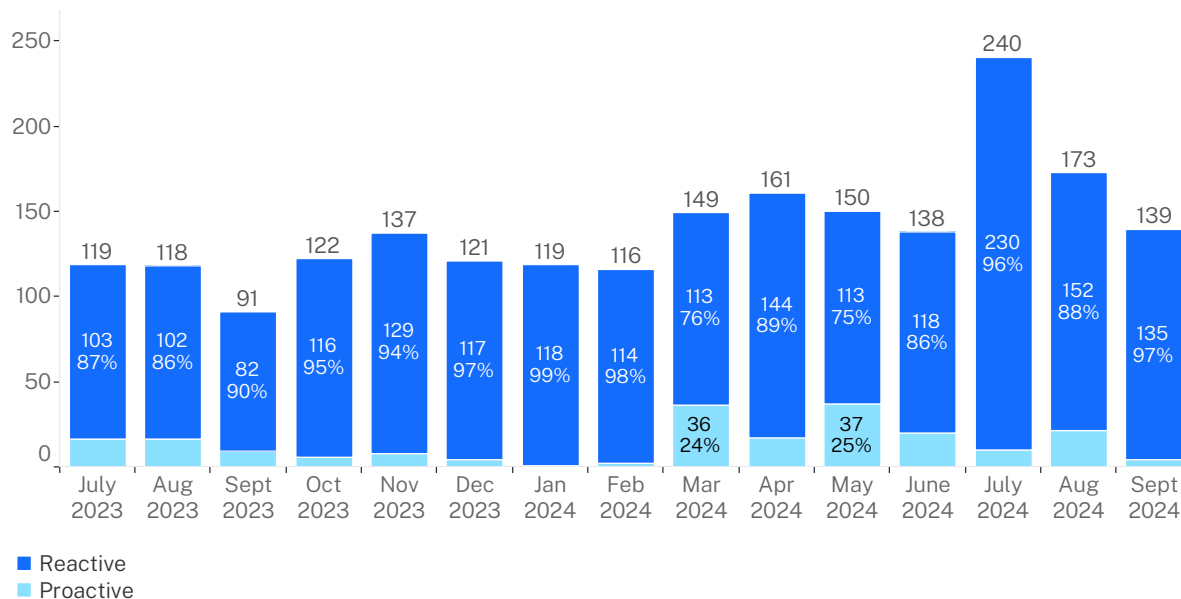


Site assessments conducted by nature



Note: assessments related to applications now appear as reactive.

Desktop assessments conducted by nature



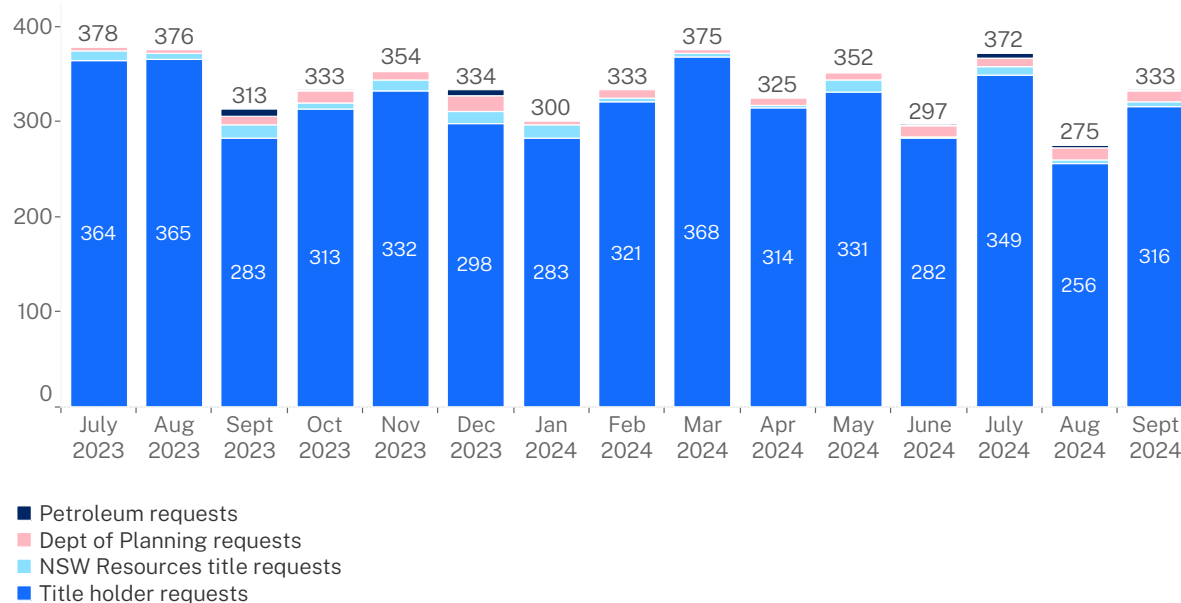
Note: assessments related to applications now appear as reactive.

Mining Act and Petroleum (Onshore) Act requests for service

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

Note that requests from petroleum title holders relate to rehabilitation and rehabilitation security deposits. The requirements for petroleum rehabilitation and rehabilitation security deposits come under the *Petroleum (Onshore) Act 1991*. Whilst the NSW Environment Protection Authority is the lead regulator of petroleum titles, NSW Resources is responsible for the assessment and management of petroleum rehabilitation and rehabilitation security deposits.

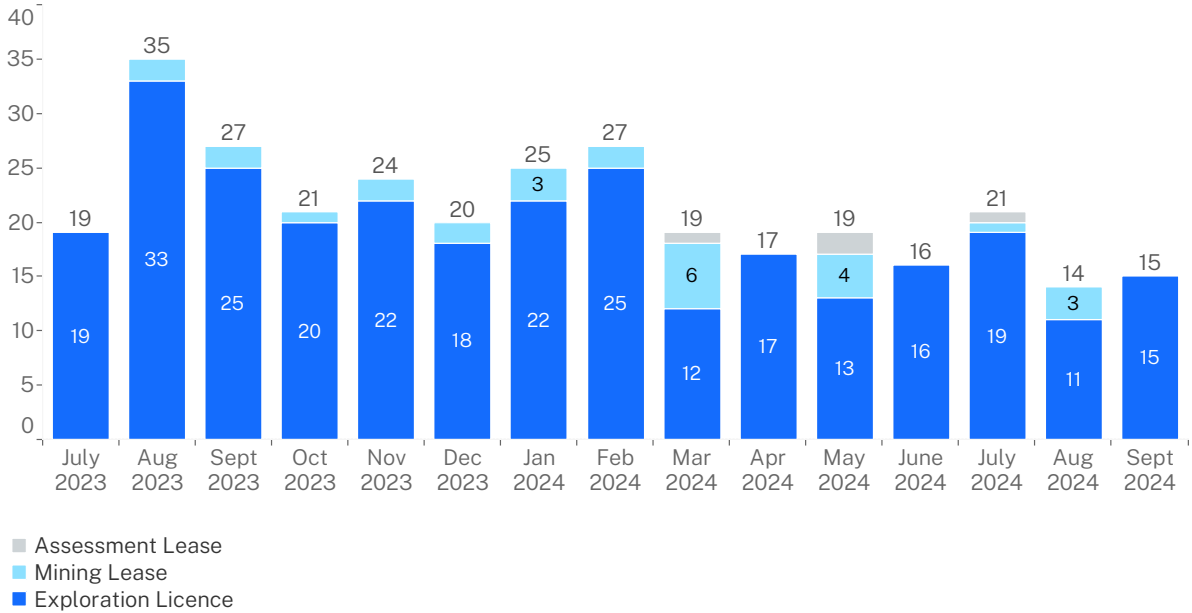
Mining Act requests for service actioned



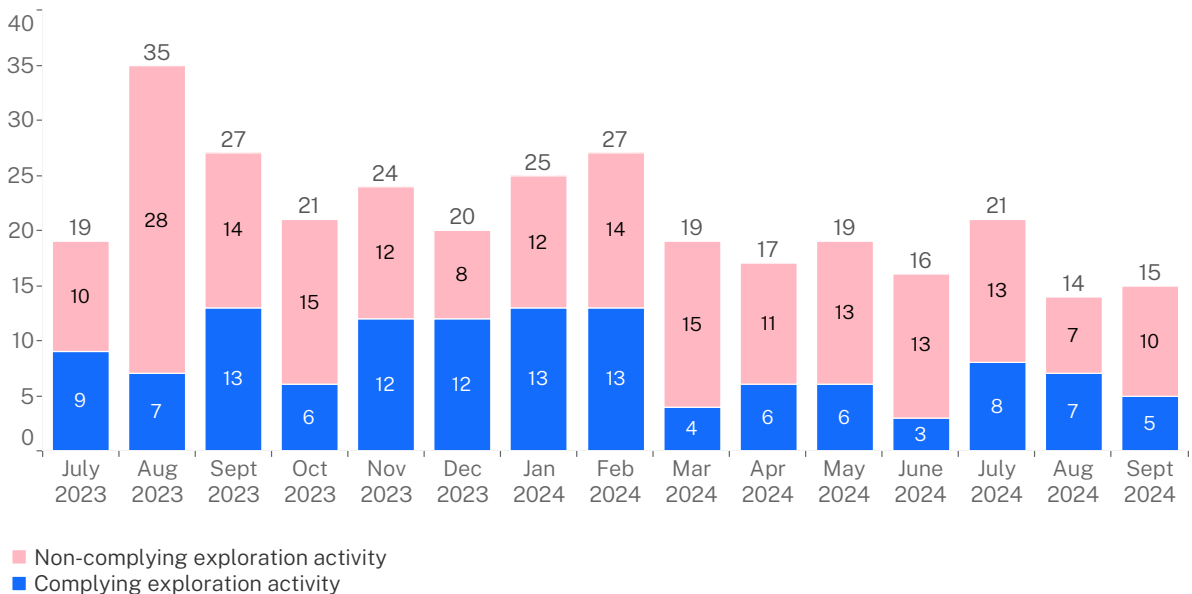
Assessable Prospecting Operation applications

Assessable Prospecting Operations are any exploration activities that are not an exempt development within the meaning of State Environmental Planning Policy (Resources and Energy) 2021. Applications for assessable prospecting operations are assessed against environmental assessment requirements under Part 5 of the *Environmental Planning and Assessment Act 1979*. Some activities have been identified as being unlikely to have a significant environmental impact if carried out in a particular manner –referred to as complying exploration activities. Activities that do not meet that criteria are called non-complying exploration activities.

Assessable Prospecting Operation applications actioned by title type

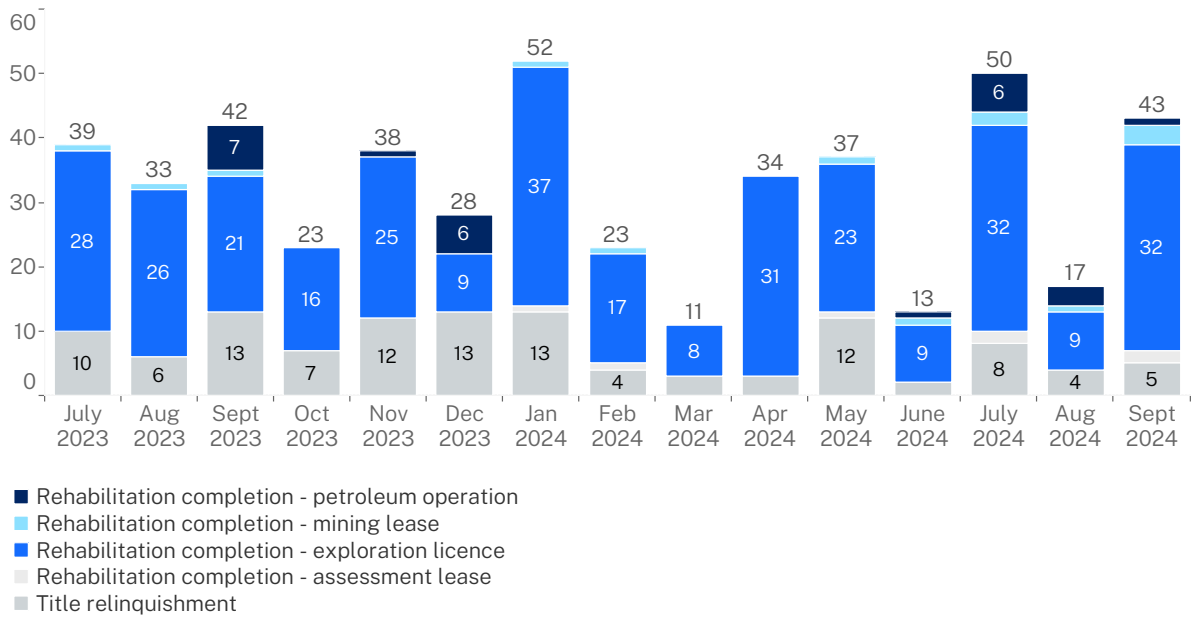


Assessable Prospecting Operation applications actioned by complying/non-complying exploration activity



Rehabilitation completion determinations

Rehabilitation completion determinations actioned



Rehabilitation security deposit reviews

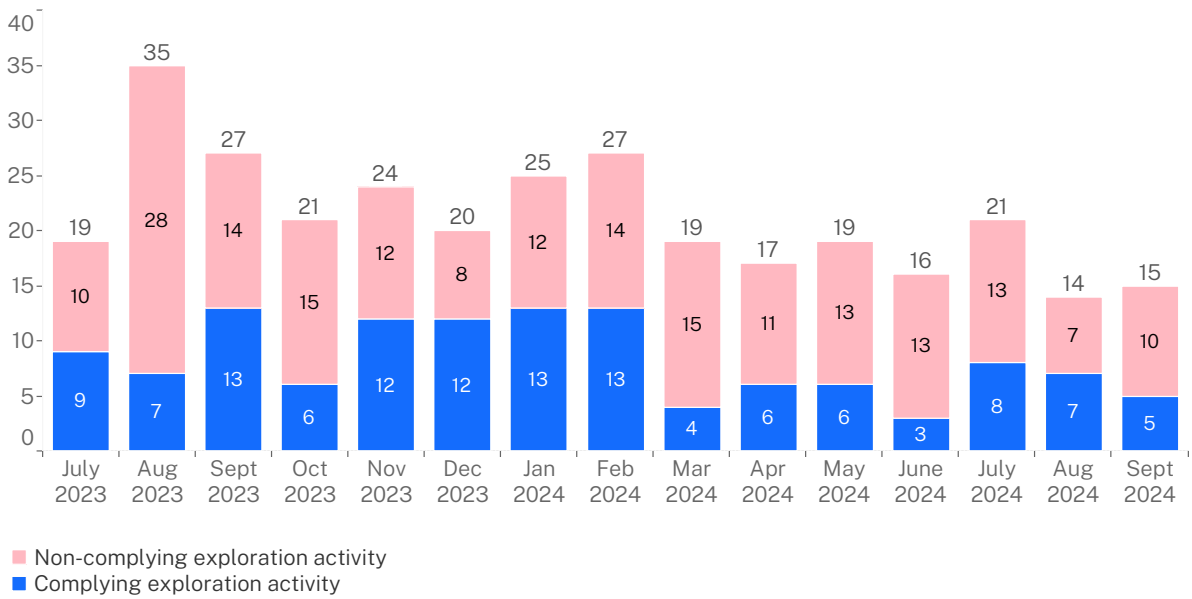
Our inspectors regularly assess the surface disturbance (or proposed disturbance) of a mine or exploration site to calculate the security deposit. This is known as the assessed deposit. Once the assessed deposit is determined, title administrators within NSW Resources responsible will vary the condition of the title and seek the additional funds – or in the case of satisfactory rehabilitation, return some or all of the security deposit. For petroleum titles, input on the surface disturbance is also sought from the EPA, the lead regulator of petroleum titles in NSW.

Rehabilitation security deposit reviews completed

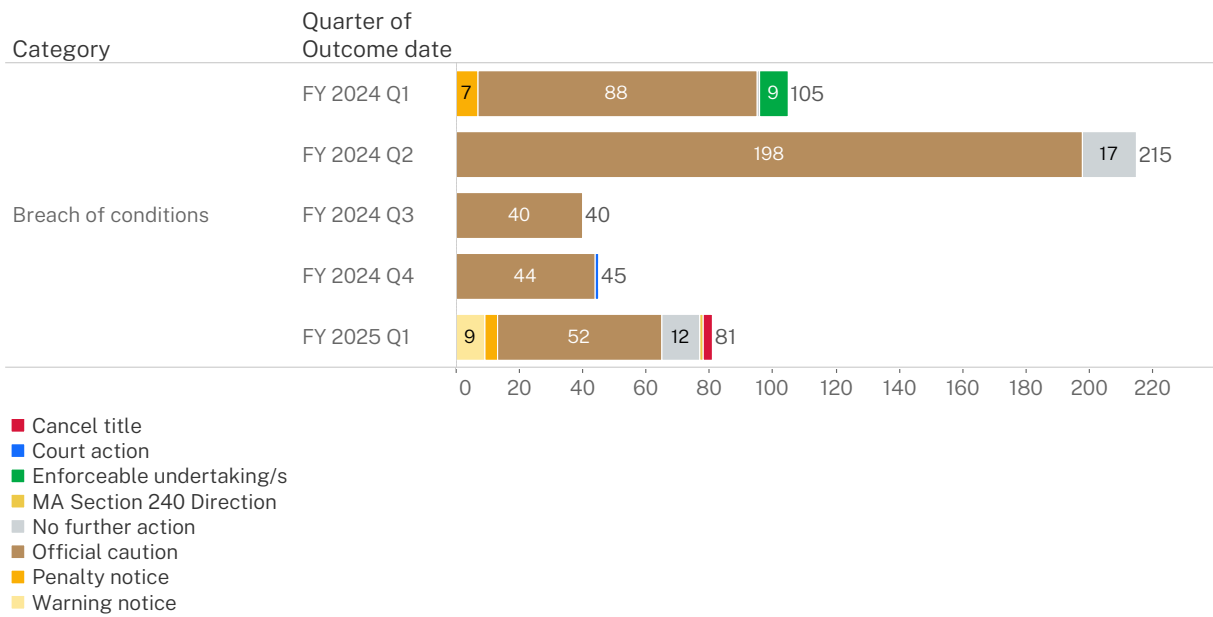


Mining Act and Petroleum (Onshore) Act compliance and enforcement activities

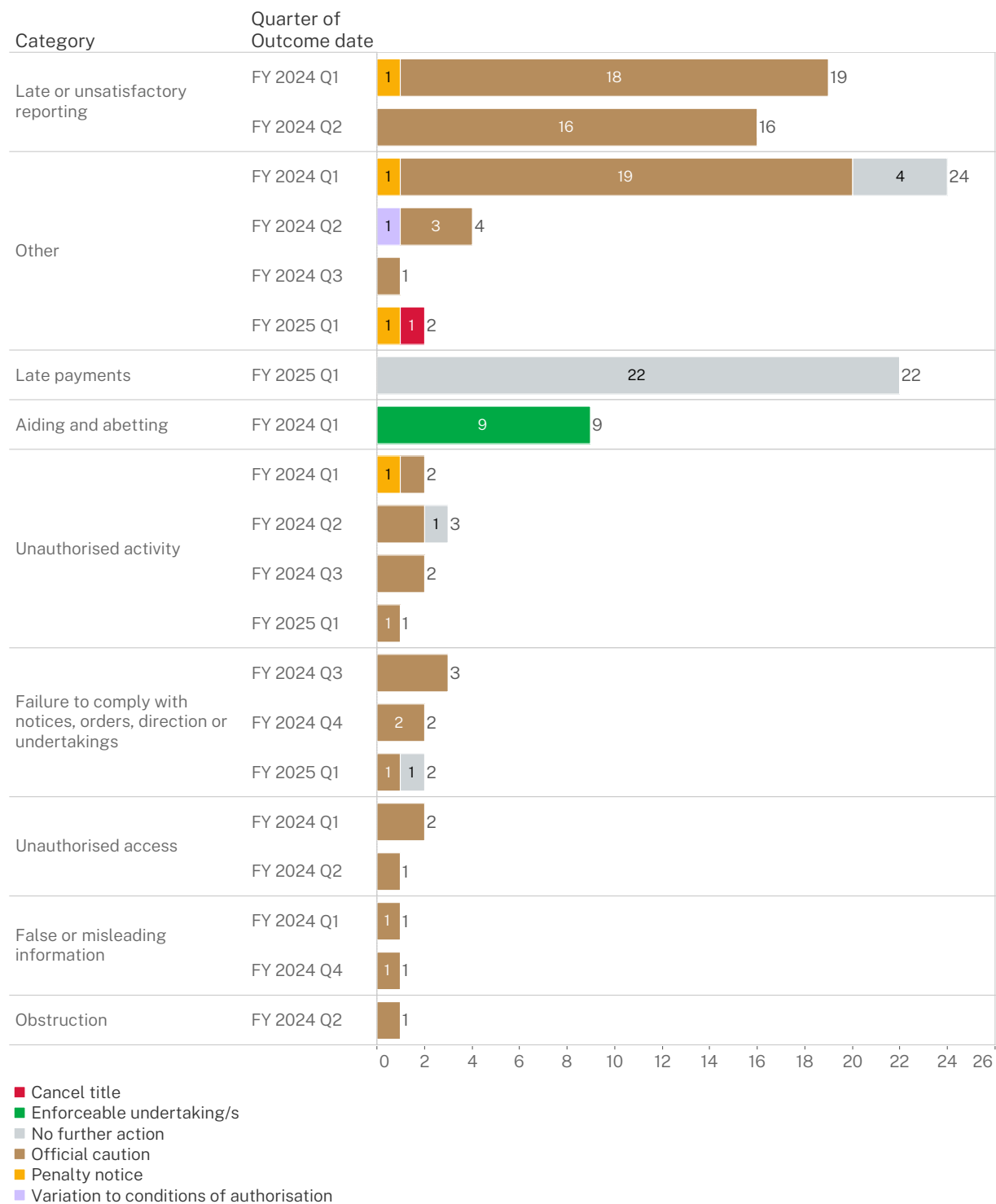
Assessable Prospecting Operation applications actioned by complying/non-complying exploration activity



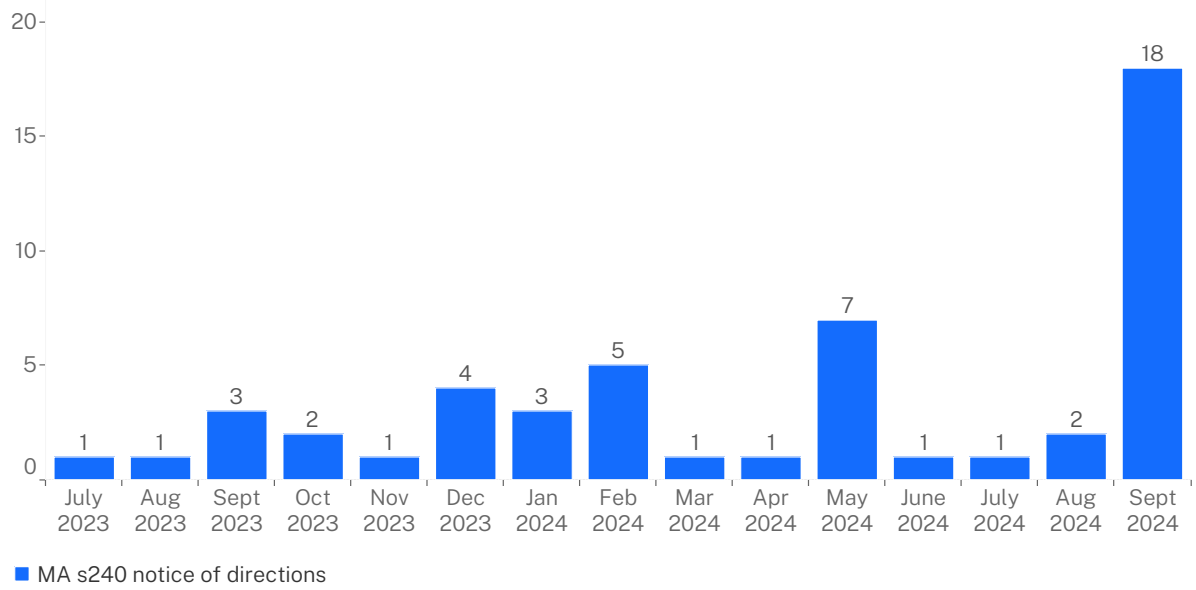
Non-compliance by category and response – category is breach of conditions



Non-compliance by category and response – category is other than breach of conditions



Notices issued by notice type



Industry engagement activities

Committees and other industry body involvement

Attendance as committee members

Committee/body	Detail	Number
Standards Association	AS/NZS 2187.1 Storage of explosives – working group meeting	8
Standards Association	AS/NZS 3584.3 Diesel engine systems for underground coal mines – working group meeting	2
Industry Committee	Board of Surveying and Spatial Information (BOSSI)	1
Broken Hill Remediation Working Group	Heritage issues	1
Total		12

External education and engagement activities

Workshops and information sessions

Type of activity	Location	Detail	Number
Forum	Dubbo	Psychosocial hazard management	1
Workshop	White Cliffs	Opal Mines Safety Workshop	1
Total			2

Publications and alerts

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

Type	Number
Enforceable undertakings	6
Exam papers	11
Fact sheets	14
Forms	1
Gazette	6
Guidance material	8
Investigation information release	4
Investigation report	2
Mine rehabilitation news	1
Mine safety news	6
Rehabilitation information release	2
Reports	25
Safety alert	2
Safety bulletin	5
Video	1
Weekly incident summary	13
Total	107

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