

Atlas-Campaspe Mine – Optimised Services Corridor

Application Number: **03208**

Commencement Date:
03/11/2025

Status: **Locked**

1. About the project

1.1 Project details

1.1.1 Project title *

Atlas-Campaspe Mine – Optimised Services Corridor

1.1.2 Project industry type *

Mining

1.1.3 Project industry sub-type

Mineral sand mine

1.1.4 Estimated start date *

28/02/2026

1.1.4 Estimated end date *

31/12/2034

1.2 Proposed Action details

1.2.1 Provide an overview of the proposed action, including all proposed activities. *

Background

Tronox Mining Australia Limited (Tronox) is the proponent of the Atlas-Campaspe Mineral Sands Project (the Project) which includes the development of a mineral sands mining operation (the Atlas-Campaspe Mine), together with the construction and operation of the Ivanhoe Rail Facility (a rail loadout facility) in western New South Wales (NSW) (Attachment 1, Figure 1).

The existing Atlas-Campaspe Mine includes the sequential development of the Atlas and Campaspe deposits (Attachment 1, Figure 2). Tronox is approved to extract mineral sands ore and transport mineral product from the Atlas-Campaspe Mine. Mineral product generated at the Atlas-Campaspe Mine is trucked to the Ivanhoe Rail Facility where it is loaded onto trains for transfer to the Broken Hill Mineral Separation Plant in Broken Hill for further processing. The approved haulage route (road and rail) is shown in Attachment 1, Figure 1.

Development Consent (SSD_5012) was granted for the Project under Part 4 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act) in 2014.

EPBC Approval (2012/6447) was granted for the Project under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) in 2014.

Tronox has identified an opportunity to improve operational efficiency at the Atlas-Campaspe Mine by developing an optimised services corridor alignment between the Atlas and Campaspe deposits (the Action) (Attachment 1, Figure 2).

Tronox is proposing a Modification to Development Consent (SSD_5012) to allow for the development and operation of the optimised services corridor alignment (i.e. the Action). Furthermore, Tronox is referring the Action to the Commonwealth Minister for the Environment and Water for consideration as to whether the Action is a 'controlled action' and requires approval under the EPBC Act (i.e. this EPBC Referral).

Description of the Action

The Action would include the following:

- development and operation of an optimised services corridor between the Atlas and Campaspe deposits (Attachment 1, Figure 2), including haul road, pipelines, electricity transmission line, soil stockpiles and water management infrastructure; and
- transport of pre-mineral concentrate and ore from the Campaspe deposit to the Atlas deposit via a pipeline and/or truck along the optimised services corridor.

The extent of the Action area shown in Attachment 1, Figure 2 is approximately 50.5 hectares (ha).

The Action is separate from, but related to, the controlled action approved under the EPBC Approval (2012/6447). The Action, which is the subject of this referral under the EPBC Act, does not include any component of or activity forming part of the Project that is already authorised by EPBC Approval (2012/6447).

EPBC Approval (2012/6447)

EPBC Approval (2012/6447) is interdependent with the Action. The Action is an extension of the Atlas-Campaspe Mine approved as part of EPBC Approval (2012/6447).

The Action would not change the key components of the approved Action approved under EPBC Approval (2012/6447). The Action area is however located over the biodiversity offset area associated with EPBC Approval (2012/6447) (Attachment 1, Figure 2). Tronox would apply to vary EPBC (2012/6447) under s143(1B) of the EPBC Act to include an additional biodiversity offset area(s) to replace the approved

biodiversity offset area that would be impacted by the Action. The replacement biodiversity offset area(s) will be identified in conjunction with the Biodiversity Development Assessment Report (BDAR) for the Action/Modification.

1.2.2 Is the project action part of a staged development or related to other actions or proposals in the region?

Yes

1.2.3 Is the proposed action the first stage of a staged development (or a larger project)?

No

1.2.4 Related referral(s)

EPBC Number	Project Title
2012/6447	Atlas-Campaspe Mineral Sands Project, NSW

1.2.5 Provide information about the staged development (or relevant larger project).

The Action is related to other actions or proposals in the region but is not part of a staged development.

The Action is separate from, but related to, the controlled action (i.e. the Project) approved under the EPBC Approval (2012/6447) in 2014. EPBC Approval (2012/6447) includes the construction and operation of a mineral sands operation and associated infrastructure near Hatfield NSW, a rail facility area at Ivanhoe, NSW, and to undertake upgrades to the roads between the mine and the rail facility (See EPBC Act Referral [2012/6447]).

1.2.6 What Commonwealth or state legislation, planning frameworks or policy documents are relevant to the proposed action, and how are they relevant? *

Commonwealth Environment Protection and Biodiversity Conservation Act 1999

The Action is being referred to the Commonwealth Minister for the Environment and Water for consideration as to whether the Action is a 'controlled action' and requires approval under the EPBC Act (i.e. this EPBC Referral).

NSW Environmental Planning and Assessment Act 1979

The EP&A Act and the NSW *Environmental Planning and Assessment Regulation 2021* set the framework for planning and environmental assessment in NSW.

Tronox proposes a modification to Development Consent (SSD_5012) under section 4.55(2) of the EP&A Act to allow for the development and operation of an optimised services corridor.

On 20 January 2025, Tronox lodged a Scoping Letter (Attachment 2) with the NSW Department of Planning, Housing and Infrastructure (DPHI) that provided a description of a proposed Modification (including the Action).

1.2.7 Describe any public consultation that has been, is being or will be undertaken regarding the project area, including with Indigenous stakeholders. Attach any completed consultation documentations, if relevant. *

The Scoping Letter (Attachment 2) includes an outline of the consultation that will be undertaken for the Modification/Action. Consistent with the Scoping Letter, Tronox will consult further with the NSW DPHI, as well as, but not limited to, the following government agencies and stakeholders regarding the Modification:

- Commonwealth Department of Climate Change, Energy, the Environment and Water;
- Registered Aboriginal Parties;
- Balranald Shire Council;
- NSW DPHI – Crown Lands;
- NSW Department of Primary Industries and Regional Development, including:
 - NSW Resources; and
 - NSW Resources Regulator.
- NSW Department of Climate Change, Energy, the Environment and Water, including:
 - Biodiversity, Conservation and Science Group;
 - Heritage NSW; and
 - NSW Environment Protection Authority.
- NSW National Parks and Wildlife Service/Willandra Lakes Region World Heritage Advisory Committee.

A summary of this consultation will be included in the Modification Report. The Modification Report will be available to the public for comment when Modification is placed on public exhibition by the NSW DPHI.

1.3.1 Identity: Referring party

Privacy Notice:

Personal information means information or an opinion about an identified individual, or an individual who is reasonably identifiable.

By completing and submitting this form, you consent to the collection of all personal information contained in this form. If you are providing the personal information of other individuals in this form, please ensure you have their consent before doing so.

The Department of Climate Change, Energy, the Environment and Water (the department) collects your personal information (as defined by the Privacy Act 1988) through this platform for the purposes of enabling the department to consider your submission and contact you in relation to your submission. If you fail to provide some or all of the personal information requested on this platform (name and email address), the department will be unable to contact you to seek further information (if required) and subsequently may impact the consideration given to your submission.

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Alternatively, email us at privacy@dcceew.gov.au.

Confirm that you have read and understand this Privacy Notice *

1.3.1.1 Is Referring party an organisation or business? *

Yes

Referring party organisation details

ABN/ACN 99077167349
Organisation name Resource Strategies Pty Ltd
Organisation address Foyer 2, Level 2, 2 Gardner Close, Milton, QLD, 4064

Referring party details

Name Simon Longhurst
Job title
Phone (07) 3367 0055
Email slonghurst@resourcestrategies.com.au
Address 2 Gardner Cl, Milton QLD 4064

1.3.2 Identity: Person proposing to take the action

1.3.2.1 Are the Person proposing to take the action details the same as the Referring party details? *

No

1.3.2.2 Is Person proposing to take the action an organisation or business? *

Yes

Person proposing to take the action organisation details

ABN/ACN 60009247858
Organisation name TRONOX MINING AUSTRALIA LIMITED
Organisation address Lot 962 Koombana Drive, BUNBURY WA 6230

Person proposing to take the action details

Name Peter Collins
Job title Site Director - Eastern Operations
Phone +61 417 476 088
Email Peter.Collins@tronox.com
Address PO Box 4032 Mildura VIC 3502

1.3.2.14 Are you proposing the action as part of a Joint Venture? *

No

1.3.2.15 Are you proposing the action as part of a Trust? *

No

1.3.2.17 Describe the Person proposing the action's history of responsible environmental management including details of any proceedings under a Commonwealth, State or Territory law for the protection of the environment or the conservation and sustainable use of natural resources against the Person proposing to take the action. *

Tronox has a strong history in responsible environmental management and business operation. Tronox conducts its operations in accordance with a range of regulatory consents, leases and licenses. Tronox has established and is committed to continue open and constructive communication with the local community and stakeholders.

Tronox is not currently subject to, and has not previously been subject to, proceedings against it by any person, regulator or entity under a Commonwealth or State law for the protection of the environment or the conservation and sustainable use of natural resources.

1.3.2.18 If the person proposing to take the action is a corporation, provide details of the corporation's environmental policy and planning framework

Tronox's Environmental Policy (Policy No. 50.03) is provided as Attachment 3.

1.3.3 Identity: Proposed designated proponent

1.3.3.1 Are the Proposed designated proponent details the same as the Person proposing to take the action? *

No

1.3.3.2 Is Proposed designated proponent an organisation or business? *

No

Proposed designated proponent details

Name	Thomas Meulemans
Job title	Project Manager
Phone	0488 901 618
Email	thomas.meulemans@tronox.com
Address	PO Box 4032 Mildura VIC 3502

1.3.4 Identity: Summary of allocation

✔ Confirmed Referring party's identity

The Referring party is the person preparing the information in this referral.

ABN/ACN	99077167349
Organisation name	Resource Strategies Pty Ltd
Organisation address	Foyer 2, Level 2, 2 Gardner Close, Milton, QLD, 4064
Representative's name	Simon Longhurst
Representative's job title	
Phone	(07) 3367 0055
Email	slonghurst@resourcestrategies.com.au
Address	2 Gardner CI, Milton QLD 4064

✔ Confirmed Person proposing to take the action's identity

The Person proposing to take the action is the individual, business, government agency or trustee that will be responsible for the proposed action.

ABN/ACN	60009247858
Organisation name	TRONOX MINING AUSTRALIA LIMITED
Organisation address	Lot 962 Koombana Drive, BUNBURY WA 6230
Representative's name	Peter Collins
Representative's job title	Site Director - Eastern Operations
Phone	+61 417 476 088
Email	Peter.Collins@tronox.com
Address	PO Box 4032 Mildura VIC 3502

✔ Confirmed Proposed designated proponent's identity

The Person proposing to take the action is the individual or organisation proposed to be responsible for meeting the requirements of the EPBC Act during the assessment process, if the Minister decides that this project is a controlled action.

Name	Thomas Meulemans
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Job title	Project Manager
Phone	0488 901 618
Email	thomas.meulemans@tronox.com
Address	PO Box 4032 Mildura VIC 3502

1.4 Payment details: Payment exemption and fee waiver

1.4.1 Do you qualify for an exemption from fees under EPBC Regulation 5.23 (1) (a)? *

No

1.4.3 Have you applied for or been granted a waiver for full or partial fees under Regulation 5.21A? *

No

1.4.5 Are you going to apply for a waiver of full or partial fees under EPBC Regulation 5.21A?

No

1.4.7 Has the department issued you with a credit note? *

No

1.4.9 Would you like to add a purchase order number to your invoice? *

No

1.4 Payment details: Payment allocation

1.4.11 Who would you like to allocate as the entity responsible for payment? *

Person proposing to take the action

2. Location

2.1 Project footprint



Project Area: 50.54 Ha Disturbance Footprint: 50.54 Ha

2.2 Footprint details

2.2.1 What is the address of the proposed action? *

Atlas-Campaspe Mine, Link Road, Hatfield

2.2.2 Where is the primary jurisdiction of the proposed action? *

New South Wales

2.2.3 Is there a secondary jurisdiction for this proposed action? *

No

2.2.5 What is the tenure of the action area relevant to the project area? *

The Action Area is located on Western Land Leases 15221 and 2604 issued under the NSW *Crown Land Management Act 2016*. Tronox is the relevant leaseholder for all Crown land in the Action Area.

Tronox would apply for a Change of Lease Purpose for the relevant areas of Western Land Leases 15221 and 2604 under the NSW *Crown Land Management Act 2016* to permit the development of the Action (if approved).

3. Existing environment

3.1 Physical description

3.1.1 Describe the current condition of the project area's environment.

The Action area predominately consists of native vegetation (primarily mallee communities) that has previously been used for agricultural production (low intensity rangeland grazing – sheep/cattle). The native vegetation is in generally moderate to good condition.

Contemporary land use in the Action area is as a component of the biodiversity offset area associated with EPBC Approval (2012/6447). Other land uses in the vicinity of the Action area include mineral sands mining and agricultural production (low intensity rangeland grazing – sheep/cattle).

The Action area is zoned RU1 (Primary Production) under the *Balranald Local Environmental Plan 2010*.

The closest major town to the Action area is Balranald which is located approximately 80 kilometres (km) to the south of the Action area (Attachment 1 - Figure 1). Only six private dwellings are located within 20 km of the Atlas-Campaspe Mine.

3.1.2 Describe any existing or proposed uses for the project area.

The Action Area is located on Western Land Leases 15221 and 2604 issued under the NSW *Crown Land Management Act 2016*. Tronox is the relevant leaseholder for all Crown land in the Action Area.

3.1.3 Describe any outstanding natural features and/or any other important or unique values that applies to the project area.

No outstanding natural features and/or any other important or unique values have been identified to date within the Action area.

The Action area is located approximately 14 km east of Mungo National Park and approximately 18 km east of the Willandra Lakes Region World Heritage Area.

3.1.4 Describe the gradient (or depth range if action is to be taken in a marine area) relevant to the project area.

The land within the Action area shows limited relief and comprises generally flat to undulating sandplains covered by a combination of grasslands, shrublands and low woodland. Elevations in the area range from approximately 80 to 120 metres (m) Australian Height Datum.

3.2 Flora and fauna

3.2.1 Describe the flora and fauna within the affected area and attach any investigations of surveys if applicable.

A BDAR will be prepared in accordance with the Biodiversity Conservation Act 2016 (NSW) (BC Act) for the Action/Modification, which will include a detailed description of the flora and fauna potentially impacted by the Action.

Whilst preparation of the BDAR has commenced, the surveys are not yet complete. Accordingly, there are no attachments available for submission with this Referral. Notwithstanding, the survey reports will be included with the BDAR and assessed by the NSW Government in accordance with the BC Act.

The Action area predominately consists of native vegetation (primarily mallee communities) that has previously been used for agricultural production (low intensity rangeland grazing – sheep/cattle). The native vegetation is in generally moderate to good condition.

Survey results indicate the Action Area includes the presence of the following EPBC Act listed species/communities:

- Southern Whiteface (*Aphelocephala leucopsis*).
- Mallee Bird Community of the Murray Darling Depression Bioregion.

The proposed Development footprint is located within the geographic boundary of the Mallee Bird Community and contains mallee habitat (Plant Community type [PCT] 171 – Spinifex linear dune mallee mainly of the Murray Darling Depression Bioregion and PCT 170 – Chenopod sandplain mallee woodland/shrubland of the arid and semi-arid [warm] zones) that will be impacted by the action. Surveys undertaken across the broader Atlas-Campaspe Mine over several years, including targeted fauna surveys for this BDAR, have recorded at least two of the eight mallee specialist species (Chestnut Quail-thrush *Cinlosoma castanotum* and Malleefowl *Leipoa ocellata*), and at least seven of the 12 mallee dependent species. These findings are considered sufficient to consider the Mallee Bird Community of the Murray Darling Depression Bioregion Endangered Ecological Community (EEC) as being present at this site, and of condition category A – high number of Malle Bird Community species.

3.2.2 Describe the vegetation (including the status of native vegetation and soil) within the project area.

The Action area predominately consists of semi-arid native vegetation, featuring an open tree or shrub layer of (primarily mallee communities). The vegetation has a long history of grazing and agricultural production (low intensity rangeland grazing – sheep/cattle). The native vegetation is in generally moderate to good condition.

A BDAR will be prepared in accordance with the BC Act for the Action/Modification, which will include a detailed description of the flora and fauna potentially impacted by the Action. The BDAR survey work has commenced, however the final BDAR report is not finalised and accordingly unable to be provided for this Referral. Notwithstanding, the survey reports will be in the BDAR, which will be available for comment when the Modification is placed on public exhibition by the NSW DPHI.

Preliminary survey results indicate the Action Area includes the following Plant Community Types (PCTs):

- Chenopod Sandplain Mallee Woodland/Shrubland of the Arid and Semi-arid (warm) zones (PCT 170).
- Spinifex Linear Dune Mallee mainly of the Murray Darling Depression Bioregion (PCT 171).
- Belah Oak-Western Rosewood Open Woodland on deep sandy loams mainly in the Murray Darling Depression Bioregion (PCT 58).

Narrow-leaved Hobbush-scrub Turpentine Senna-Shrubland on semi-arid and arid sandplains and dunes (PCT 143).

3.3 Heritage

3.3.1 Describe any Commonwealth Heritage Places Overseas or other places recognised as having heritage values that apply to the project area.

There are no Commonwealth heritage places overseas or other places recognised as having heritage values in the Action area. No known items of historic heritage significance occur within the Action area.

A Historic Heritage Review will be prepared for the Action/Modification, which will include a description of the historic heritage potentially impacted by the Action. The Historic Heritage Review will be available for comment when the Modification Report is placed on public exhibition by the NSW DPHI.

3.3.2 Describe any Indigenous heritage values that apply to the project area.

An Aboriginal and Non-Aboriginal Cultural Heritage Assessment was previously prepared for the Atlas-Campaspe Mine by Niche Environment and Heritage (Niche) (2012). A total of twelve Aboriginal cultural heritage sites were identified within the Atlas-Campaspe Mine area and surrounds. One site of high archaeological significance was recorded in the Atlas-Campaspe Mine area. A total of four sites of moderate archaeological significance and seven sites of low archaeological significance were recorded in the Atlas-Campaspe Mine area (Niche, 2012). None of these Aboriginal heritage sites are located within the Action Area.

No known significant Aboriginal heritage sites exist within the Action Area.

An Aboriginal Cultural Heritage Assessment (ACHA) has been prepared in accordance with the relevant NSW Government guidelines (including consultation with the local Aboriginal community) for the Action/Modification. The ACHA concluded that no known heritage sites would be directly impacted as a result of the Modification and any unexpected finds would be managed in accordance with the project's Heritage Management Plan.

The ACHA will be available for comment when the Modification Report is placed on public exhibition by the NSW DPHI.

3.4 Hydrology

3.4.1 Describe the hydrology characteristics that apply to the project area and attach any hydrological investigations or surveys if applicable. *

Surface Water

The Action area is located approximately mid-way between two ill-defined regional drainage systems:

- Willandra Creek and Willandra Lakes system (located to the north and west of the Atlas-Campaspe Mine) – this system contains numerous dry lakes (Mulurulu, Garnpung, Leaghur, Mungo and Chibnalwood) which drain from north-east to south-west; and
- Arumpo Creek and Prungle Lakes system (to the east and south of the Atlas-Campaspe Mine) – this system also drains from north-east to south-west.

The Action area contains no defined watercourses. Temporary ponding of rainfall occurs in localised topographic depressions where rainfall runoff is concentrated and the surficial soils have lower permeability (i.e. contains clays). These locations are isolated and do not contribute to any significant surface water system. Drainage from these locations is limited due to the low permeability surficial soils and the majority of the water eventually dissipates by evaporation. Given the limited rainfall and drought experienced in the area historically, the frequency of surface ponding is low.

Groundwater

The Action Area is located within the Benanee Basin of the lower Murray River system in NSW. The Benanee Basin borders the upstream effluent creeks of the Lachlan River Basin, the Darling River to the west and the Murrumbidgee and Murray Rivers to the south.

The groundwater table in the region (ranging from approximately 10 to 30 m below ground level) is associated with the underlying saline groundwater systems and generally sits within the shallow Shepparton Formation or underlying Loxton-Parilla Sands. The Loxton-Parilla Sands overlies the Renmark Group which is subdivided into the Upper, Middle and Lower Olney Formations and Warina Sand. At the Atlas-Campaspe Mine site there is no significant aquifer zone in the Renmark Group, due to the elevated height of basement rock and prevalence of low permeability materials. However, to the west (Willandra and Wentworth Troughs) and east (Balranald Trough) significant aquifer zones have been encountered in the Renmark Group, especially in the deepest layers of the Lower Olney Formation and Warina Sand.

There are no permanent surface water features at the Atlas-Campaspe Mine (i.e. no groundwater window lakes fed by the deep underlying saline groundwater aquifer).

There are no high priority GDEs that are located in the vicinity of the Atlas-Campaspe Mine identified in the Western Murray Porous Rock Water Source in the Water Sharing Plan for the NSW Murray Darling Basin Porous Rock Groundwater Sources 2020 under the NSW *Water Management Act 2000*.

4. Impacts and mitigation

4.1 Impact details

Potential Matters of National Environmental Significance (MNES) relevant to your proposed action area.

EPBC Act section	Controlling provision	Impacted	Reviewed
S12	World Heritage	Yes	Yes
S15B	National Heritage	Yes	Yes
S16	Ramsar Wetland	No	Yes
S18	Threatened Species and Ecological Communities	Yes	Yes
S20	Migratory Species	No	Yes
S21	Nuclear	No	Yes
S23	Commonwealth Marine Area	No	Yes
S24B	Great Barrier Reef	No	Yes
S24D	Water resource in relation to large coal mining development or coal seam gas	No	Yes
S26	Commonwealth Land	No	Yes
S27B	Commonwealth Heritage Places Overseas	No	Yes
S28	Commonwealth or Commonwealth Agency	No	Yes

4.1.1 World Heritage

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

Direct impact	Indirect impact	World heritage
No	Yes	Willandra Lakes Region

4.1.1.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

Yes

4.1.1.2 Briefly describe why your action has a direct and/or indirect impact on these protected matters. *

No World Heritage Properties are located in the Action area. The closest World Heritage Property is the Willandra Lakes Region World Heritage Area which is located approximately 18 km west of the Action Area (Attachment 1, Figure 1). The values of the Willandra Lakes Region World Heritage Area which meet the World Heritage criteria are:

(iii) to bear a unique or at least exceptional testimony to a cultural tradition or to a civilization which is living or which has disappeared;

(viii) to be outstanding examples representing major stages of earth's history, including the record of life, significant on-going geological processes in the development of landforms, or significant geomorphic or physiographic features;

The Action would not have a direct impact on the Willandra Lakes Region World Heritage Area.

The Action may have an indirect impact on the Willandra Lakes Region World Heritage Area associated with amenity (e.g. night-time vista).

4.1.1.4 Do you consider this likely direct and/or indirect impact to be a Significant Impact?

*

No

4.1.1.6 Describe why you do not consider this to be a Significant Impact. *

The Action is unlikely to have a significant impact on the World Heritage values of the Willandra Lakes Region World Heritage Area given:

- The Action area is located a considerable distance (18 km) from the Willandra Lakes Region World Heritage Area (Attachment 1, Figure 1) and therefore any amenity impacts from the Action are expected not to be significant.
- The Action is not expected to generate significant amenity impacts (e.g. visual) given its nature (i.e. a services corridor containing haul road, pipelines, electricity transmission line and other minor infrastructure), particularly in the context of the existing Project.

4.1.1.7 Do you think your proposed action is a controlled action? *

No

4.1.1.9 Please elaborate why you do not think your proposed action is a controlled action.

*

The Action is not expected to have a significant impact on the Willandra Lakes Region World Heritage Area (Section 4.1.1.6) and therefore is not considered to be a controlled action.

4.1.1.10 Please describe any avoidance or mitigation measures proposed for this action and attach any supporting documentation for these avoidance and mitigation measures. *

Existing environmental management measures adopted at the Project to minimise potential amenity impacts would be extended to the Action.

The Modification Report will include an assessment of the potential amenity impacts associated with the Action/Modification on the Willandra Lakes Region World Heritage Area.

4.1.1.11 Please describe any proposed offsets and attach any supporting documentation relevant to these measures. *

No offsets are proposed in relation to the Willandra Lakes Region World Heritage Area.

4.1.2 National Heritage

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

Direct impact	Indirect impact	National heritage
No	Yes	Willandra Lakes Region

4.1.2.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

Yes

4.1.2.2 Briefly describe why your action has a direct and/or indirect impact on these protected matters. *

No National Heritage sites are located in the Action area. The closest National Heritage site is the Willandra Lakes Region which is located approximately 18 km west of the Action Area (Attachment 1, Figure 1). The values of the Willandra Lakes Region which meet the National Heritage criteria are:

- (a) the place has outstanding heritage value to the nation because of the place's importance in the course, or pattern, of Australia's natural or cultural history;*
- (b) the place has outstanding heritage value to the nation because of the place's possession of uncommon, rare or endangered aspects of Australia's natural or cultural history;*
- (c) the place has outstanding heritage value to the nation because of the place's potential to yield information that will contribute to an understanding of Australia's natural or cultural history;*
- (g) the place has outstanding heritage value to the nation because of the place's strong or special association with a particular community or cultural group for social, cultural or spiritual reasons;*

The Action would not have a direct impact on the Willandra Lakes Region.

The Action may have an indirect impact on the Willandra Lakes Region associated with amenity impacts (e.g. night-time vista).

4.1.2.4 Do you consider this likely direct and/or indirect impact to be a Significant Impact? *

*

No

4.1.2.6 Describe why you do not consider this to be a Significant Impact. *

The Action is unlikely to have a significant impact on the National Heritage values of the Willandra Lakes Region given:

- The Action area is located a considerable distance (18 km) from the Willandra Lakes Region and therefore any amenity impacts from the Action are expected not to be significant.
- The Action is not expected to generate significant amenity impacts (e.g. night-time vista) given its nature (i.e. a services corridor containing haul road, pipelines, electricity transmission line and other minor infrastructure), particularly in the context of the existing Project.

The Action area is located on dune fields and sand plains which are distinctly different to the relict lakes and lunettes landforms of the Willandra Lakes Region and therefore the Action area does not contain the landscape features directly associated with the National Heritage values of the Willandra Lakes Region.

4.1.2.7 Do you think your proposed action is a controlled action? *

No

4.1.2.9 Please elaborate why you do not think your proposed action is a controlled action.

*

The Action is not expected to have a significant impact on the Willandra Lakes Region (Section 4.1.2.6) and therefore is not considered to be a controlled action.

4.1.2.10 Please describe any avoidance or mitigation measures proposed for this action and attach any supporting documentation for these avoidance and mitigation measures. *

Existing environmental management measures adopted at the Project to minimise potential Aboriginal cultural heritage and amenity impacts would be extended to the Action.

An ACHA prepared in accordance with the relevant NSW Government guidelines (including consultation with the local Aboriginal community) will be prepared for the Action/Modification. The ACHA will be available for comment when the Modification Report is placed on public exhibition by the NSW DPHI.

Furthermore, the Modification Report will include an assessment of the potential amenity impacts associated with the Action/Modification on the Willandra Lakes Region.

4.1.2.11 Please describe any proposed offsets and attach any supporting documentation relevant to these measures. *

No offsets are proposed in relation to the Willandra Lakes Region.

4.1.3 Ramsar Wetland

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

Direct impact	Indirect impact	Ramsar wetland
Yes		Banrock Station Wetland Complex
Yes		Riverland
Yes		The Coorong, and Lakes Alexandrina and Albert Wetland

4.1.3.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

No

4.1.3.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

There are no Ramsar Wetlands within the Action area or immediate surrounds that would be directly or indirectly impacted by the Action.

The nearest downstream Ramsar wetlands (The Riverland) are greater than 200 km west of the Action.

The nearest upstream Ramsar wetlands (The Werai Forest Group) are greater than 150 km southeast of the Action.

4.1.4 Threatened Species and Ecological Communities

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

Threatened species

Direct impact	Indirect impact	Species	Common name
Yes		<i>Aphelocephala leucopsis</i>	Southern Whiteface
Yes		<i>Brachyscome papillosa</i>	Mossgiel Daisy
Yes		<i>Calidris acuminata</i>	Sharp-tailed Sandpiper
Yes		<i>Calidris ferruginea</i>	Curlew Sandpiper
Yes		<i>Falco hypoleucos</i>	Grey Falcon
Yes		<i>Gallinago hardwickii</i>	Latham's Snipe, Japanese Snipe
Yes		<i>Grantiella picta</i>	Painted Honeyeater
Yes		<i>Hemiaspis damelii</i>	Grey Snake
Yes		<i>Leipoa ocellata</i>	Malleefowl
Yes		<i>Lepidium monoplocoides</i>	Winged Pepper-cress
Yes		<i>Litoria raniformis</i>	Southern Bell Frog, Growling Grass Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog
Yes		<i>Lophochroa leadbeateri leadbeateri</i>	Major Mitchell's Cockatoo (eastern), Eastern Major Mitchell's Cockatoo, Pink Cockatoo (eastern)
Yes		<i>Melanodryas cucullata cucullata</i>	South-eastern Hooded Robin, Hooded Robin (south-eastern)
Yes		<i>Neophema chrysostoma</i>	Blue-winged Parrot
Yes		<i>Nyctophilus corbeni</i>	Corben's Long-eared Bat, South-eastern Long-eared Bat
Yes		<i>Pedionomus torquatus</i>	Plains-wanderer
Yes		<i>Rostratula australis</i>	Australian Painted Snipe
Yes		<i>Solanum karsense</i>	Menindee Nightshade

Direct impact	Indirect impact	Species	Common name
Yes		Stagonopleura guttata	Diamond Firetail
Yes		Swainsona pyrophila	Yellow Swainson-pea

Ecological communities

Direct impact	Indirect impact	Ecological community
No	No	Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions
Yes		Mallee Bird Community of the Murray Darling Depression Bioregion

4.1.4.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

Yes

4.1.4.2 Briefly describe why your action has a direct and/or indirect impact on these protected matters. *

The Action would result in direct impacts in the form of clearing native vegetation.

A BDAR is currently being prepared in accordance with the BC Act for the Action. The BDAR will include an assessment of the potential direct and/or indirect impacts of the Action on these protected matters.

A Protected Matters Search Tool (PMST) was carried out which identified a number of species/communities that may or are likely to occur in the action area (Attachment 4). Of those species/communities identified in the PMST, the BDAR survey has confirmed that the following threatened species and communities are present within the Action/Modification area:

- Southern Whiteface (*Aphelocephala leucopsis*); and
- Mallee Bird Community of the Murray Darling Depression Bioregion.

In addition, suitable habitat for the following additional EPBC listed species was identified to potentially occur within the development footprint including:

- Malleefowl (*Leipoa ocellata*);
- South-eastern Longeared Bat (*Nyctophilus corbeni*); and
- Pink Cockatoo (*Lophochroa leadbeaten*).

The potential impacts on each threatened species/community is described below based on surveys undertaken.

Threatened Ecological Communities

The Mallee Bird Community is an assemblage of 20 bird species that rely on mallee habitats to varying degrees for their continued persistence within the Murray Darling Depression bioregion, with some species considered *mallee specialists*; bird species found almost exclusively in mallee habitats, especially within the Murray Darling Depression bioregion, and which the loss of suitable mallee habitats can potentially lead to their extinction at a local or regional scale. *Mallee dependent* species are a suite of bird species dependent on mallee where it is present, but have a wider range extending into non-mallee woodland and shrubland habitats, and loss of suitable mallee habitats for these species may not lead to extinction but result in substantial declines in abundance in the Murray Darling Depression, as well as loss of ecological diversity.

The action area is located within the geographic boundary of the Mallee Bird Community and contains mallee habitat (PCT 171 – Spinifex linear dune mallee mainly of the Murray Darling Depression Bioregion and PCT 170 – Chenopod Sandplain mallee woodland/shrubland of the arid and semi-arid (warm) zones). Surveys undertaken across the broader Atlas-Campaspe Mine over several years, including targeted fauna surveys for the BDAR, have recorded at least two of the eight mallee specialist species (Chestnut Quail-thrush *Cinlosoma castanotum* and Malleefowl *Leipoa ocellata*), and at least seven of the 12 mallee dependent species. These findings are considered sufficient to consider the Mallee Bird Community of the Murray Darling Depression Bioregion EEC as being present in the Action area, and of condition category A – high number of Malle Bird Community species.

The Mallee Bird Community is threatened primarily by the clearing of mallee habitats and their fragmentation into smaller, degraded remnants that are more susceptible to invasive species, fire impacts and climate change and hence less suitable to sustain a diverse assemblage of birds and the other flora and fauna on which they depend. The conservation advice for this EEC lists altered fire regimes, fragmentation legacies, clearing, climate change and severe weather, pest animals and grazing, and weeds as the key threats to this bird community.

The action would remove or modify approximately 50.4 ha of native vegetation, a very small proportion (conservatively less than 0.001% of the current estimate of 3.486 million ha of mallee woodlands and shrublands in the Murray Darling Depression northern IBRA subregion) of potential available habitat for this EEC within a highly intact landscape of many hundreds of thousands of hectares of this contiguous patch of remnant native vegetation, including mallee and non-eucalypt semi-arid woodland.

Threatened species

One threatened woodland bird species listed as vulnerable under the EPBC was recorded in the Study Area:

- Southern Whiteface (*Aphelocephala leucopsis*)

Species recorded close to the action area include the following:

- Malleefowl (*Leipoa ocellata*);
- Pink Cockatoo (*Lophochroa leadbeaten*); and
- South-eastern Longeared Bat (*Nyctophilus corbeni*).

We note that a number of threatened species were detected as being potentially directly or indirectly impacted by the project. More detail on the potential impact and significance would be provided once the BDAR has been completed.

Additional detail on the likelihood of significant impact is provided in 4.1.4.5 below.

4.1.4.4 Do you consider this likely direct and/or indirect impact to be a Significant Impact?

*

No

4.1.4.6 Describe why you do not consider this to be a Significant Impact. *

Mallee Bird Community of the Murray Darling Depression Bioregion

Based on consideration of the assessment criteria, the action is considered unlikely to have a significant effect on the Mallee Bird Community EEC, as:

- Only a small area of native vegetation (50.4 ha) would be removed or modified, which represents a very small proportion of the available habitat (<0.001%) for these mobile species within the locality.
- The small size and narrow width of the action would only result in a minor increase in the degree of fragmentation between retained areas of habitat for these mobile species and will not result in any isolation of habitat.
- No important populations are identified for the community.
- The action is unlikely to adversely affect habitat critical to the survival of this EEC.
- The action is unlikely to modify or destroy abiotic factors necessary for this EEC's survival, including reduction of groundwater levels, or alteration of surface water drainage patterns.
- The action is unlikely to cause a substantial change in the species composition of an occurrence of this EEC, including causing a decline or loss of functionally important species from the community.
- The action is not likely to cause a substantial reduction in the quality or integrity of an occurrence of this EEC, by assisting invasive species that are harmful to the community to become established, or mobilising chemicals or pollutants which may kill or inhibit the growth of species in the EEC.
- The small size of the action within a largely intact landscape is unlikely to interfere substantially with the recovery of the Mallee Bird EEC.

Southern Whiteface (*Aphelocephala leucopsis*), Malleefowl (*Leipoa ocellata*), Pink Cockatoo (*Lophochroa leadbeaten*) and South-eastern Longeared Bat (*Nyctophilus corbeni*)

The action is considered unlikely to have a significant effect on an important population of these vulnerable bird species, as:

- Only a small area of native vegetation (50.4 ha) would be removed or modified, which represents a very small proportion of the available habitat for these mobile species within the locality.
- No important populations and/or habitat are identified for these species.
- The action is unlikely to have an adverse effect on the size or breeding cycle of an important population of these species.
- The action will only result in a minor increase in the degree of fragmentation between retained areas of habitat for these species and will not result in any isolation of habitat.
- The action is unlikely to interfere substantially with the recovery of the species.

4.1.4.7 Do you think your proposed action is a controlled action? *

No

4.1.4.9 Please elaborate why you do not think your proposed action is a controlled action.

*

Based on the assumptions outlined in Sections 4.1.4.2 and 4.1.4.5, it has been assumed that the Action would not result in a significant impact on Matters of National Environmental Significance.

4.1.4.10 Please describe any avoidance or mitigation measures proposed for this action and attach any supporting documentation for these avoidance and mitigation measures. *

The footprint of the Action is indicative and would be refined in consideration of avoidance and mitigation measures developed during preparation of the BDAR and further assessment of ecological data.

4.1.4.11 Please describe any proposed offsets and attach any supporting documentation relevant to these measures. *

A BDAR will be prepared in accordance with the BC Act for the Action Area.

The NSW government will require a biodiversity offset for the action based on state vegetation community and species listings. These plant communities and species are not Matters of National Environmental Significance (MNES). The NSW offsets will be developed in the BDAR in accordance with the BC Act. It is not envisaged additional biodiversity offsets will be needed for MNES.

4.1.5 Migratory Species

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

Direct impact	Indirect impact	Species	Common name
Yes		<i>Actitis hypoleucos</i>	Common Sandpiper
Yes		<i>Apus pacificus</i>	Fork-tailed Swift
Yes		<i>Calidris acuminata</i>	Sharp-tailed Sandpiper
Yes		<i>Calidris ferruginea</i>	Curlew Sandpiper
Yes		<i>Calidris melanotos</i>	Pectoral Sandpiper
Yes		<i>Gallinago hardwickii</i>	Latham's Snipe, Japanese Snipe
Yes		<i>Motacilla flava</i>	Yellow Wagtail

4.1.5.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

No

4.1.5.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

The Action is unlikely to have a direct and/or indirect impact on migratory species as the Action Area does not contain important habitat for migratory species.

4.1.6 Nuclear

4.1.6.1 Is the proposed action likely to have any direct and/or indirect impact on this protected matter? *

No

4.1.6.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

The Action has been considered against the definition of a nuclear action under the EPBC Act (refer below table). On this basis the action is not considered to trigger a nuclear action under the EPBC Act.

It is also noted that the related Nuclear Action (i.e. the development of the larger Atlas-Campasbe Mine [EPBC Approval 2012/6447]) was concluded to not be a 'controlled action' under Subsection 22(1)(g) of the EPBC Act.

EPBC Act definition of nuclear action (Section 21[1])

a) *establishing or significantly modifying a nuclear installation;*

- *The action does not meet the definition of 'nuclear installation' as defined in Section 22(1) of the EPBC Act.*

b) *transporting spent nuclear fuel or radioactive waste products arising from reprocessing;*

- *The action is not transporting spent nuclear fuel or radioactive waste. It is transporting a product.*

c) *establishing or significantly modifying a facility for storing radioactive waste products arising from reprocessing;*

- *The action is not proposing to store radioactive waste products.*

d) *mining or milling uranium ore;*

- *The action is not proposing to mine or mill.*

e) *establishing or significantly modifying a large-scale disposal facility for radioactive waste;*

- *The action is not proposing to establish or modify a large scale disposal facility.*

f) *de-commissioning or rehabilitating any facility or area in which an activity described in paragraph (a), (b), (c), (d) or (e) has been undertaken;*

- *The action is not proposing to decommission or rehabilitate any facilities described in paragraphs a to e.*

g) *any other action prescribed by the regulations. For paragraph (g), Regulation 2.01 of the EPBC Regulation states that (emphasis added) '...the definition of nuclear action in subsection 22(1) of the Act, a nuclear action includes establishing, significantly modifying, decommissioning or rehabilitating a facility where radioactive materials at or above the activity level mentioned in regulation 2.02 are, were, or are proposed to be used or stored.'*

- *The action is not proposing a facility where radioactive materials are used or stored.*

4.1.7 Commonwealth Marine Area

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

—

4.1.7.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

No

4.1.7.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

There are no Commonwealth Marine Areas within the vicinity of the Action Area that will be directly or indirectly impacted by the Action. The Action has no marine components.

4.1.8 Great Barrier Reef

4.1.8.1 Is the proposed action likely to have any direct and/or indirect impact on this protected matter? *

No

4.1.8.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

The Great Barrier Reef is not located within proximity to the Action Area and would not be directly or indirectly impacted by the Action.

4.1.9 Water resource in relation to large coal mining development or coal seam gas

4.1.9.1 Is the proposed action likely to have any direct and/or indirect impact on this protected matter? *

No

4.1.9.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

A water resource in relation to large coal mining development or coal seam gas is not relevant to the Action.

4.1.10 Commonwealth Land

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

—

4.1.10.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

No

4.1.10.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

The Action would not have a direct or indirect impact on any Commonwealth Land in the dataset for Commonwealth Owned Estate by the Commonwealth Department of Finance.

No Commonwealth Land is associated within proximity to the Action Area and would not be directly or indirectly impacted by the Action.

4.1.11 Commonwealth Heritage Places Overseas

You have identified your proposed action will likely directly and/or indirectly impact the following protected matters.

A direct impact is a direct consequence of an action taken – for example, clearing of habitat for a threatened species or permanent shading on an ecological community as the result of installing solar panels.

An indirect impact is an 'indirect consequence' such as a downstream impact or a facilitated third-party action.

—

4.1.11.1 Is the proposed action likely to have any direct and/or indirect impact on any of these protected matters? *

No

4.1.11.3 Briefly describe why your action is unlikely to have a direct and/or indirect impact.

*

The Action is situated on mainland Australia and would not directly or indirectly impact Commonwealth Heritage Places Overseas.

4.1.12 Commonwealth or Commonwealth Agency

4.1.12.1 Is the proposed action to be taken by the Commonwealth or a Commonwealth Agency? *

No

4.2 Impact summary

Conclusion on the likelihood of significant impacts

You have indicated that the proposed action will likely have a significant impact on the following Matters of National Environmental Significance:

None

Conclusion on the likelihood of unlikely significant impacts

You have indicated that the proposed action will unlikely have a significant impact on the following Matters of National Environmental Significance:

- World Heritage (S12)
- National Heritage (S15B)
- Ramsar Wetland (S16)
- Threatened Species and Ecological Communities (S18)
- Migratory Species (S20)
- Nuclear (S21)
- Commonwealth Marine Area (S23)
- Great Barrier Reef (S24B)
- Water resource in relation to large coal mining development or coal seam gas (S24D)
- Commonwealth Land (S26)
- Commonwealth Heritage Places Overseas (S27B)
- Commonwealth or Commonwealth Agency (S28)

4.3 Alternatives

4.3.1 Do you have any possible alternatives for your proposed action to be considered as part of your referral? *

Yes

4.3.2 Do you have an alternative timeline you are proposing for your proposed action? *

No

4.3.3 Briefly describe why an alternate timeline for your proposed action was not possible.

*

An alternative timeline for the Action would result in significant inefficiencies in the extraction of mineral resources, which are vital for meeting the State's economic goals. Additionally, such a timeline would likely increase overall greenhouse gas emissions, which contradicts efforts to reduce emissions associated with mining operations. The current proposed timeline ensures the optimised extraction of resources with the least environmental impact, thus helping meet both operational efficiency and sustainability objectives. Delaying or altering this timeline would lead to unnecessary resource wastage and higher emissions, impeding the project's environmental performance.

4.3.4 Do you have an alternative location you are proposing for your proposed action? *

No

4.3.5 Briefly describe why an alternative location for your proposed action was not possible. *

The Action Area has been designed by Tronox in consideration of a number of factors, including environmental, engineering, technical and financial considerations.

The Action Area is considered the optimal location for the Action.

Notwithstanding, a BDAR and ACHA will be prepared for the Modification/Action and include an assessment of avoidance for the Action.

4.3.6 Do you have alternative activities you are proposing for your proposed action? *

No

4.3.7 Briefly describe why an alternative activity for your proposed action was not possible. *

The layout and location of the Action Area has been through a design process to avoid and/or reduce impacts to biodiversity values. This includes avoidance (as far as practicable) of threatened ecological communities and threatened fauna habitat. The design and extent of the Action Area has been developed with careful consideration of the following:

- Reducing greenhouse gas emissions by providing a more direct route between key processing infrastructure on both the Atlas and Campaspe deposits.
- Avoiding areas of Black Box Woodland previously identified during preparation of the Project Environmental Impact Statement.

Nevertheless, the Modification Report (including a BDAR) will assess alternatives and avoidance options for the Action. This report will be made available for public comment when DPHI places the Modification Report on public exhibition.

4.3.4 Alternatives: Impact and mitigation

4.3.4.1 Do these alternatives have a different impact, avoidance, or mitigation measure compared to what you have already provided? *

No

4.3.5 Alternatives: Considered alternatives

4.3.5.1 Do you have any other alternative actions, including not taking the action, that you have considered but are not proposing as part of this referral? *

No

5. Lodgement

5.1 Attachments

1.2.1 Overview of the proposed action

	Type	Name	Date	Sensitivity	Confidence
#1.	Document	Attachment 1 - Figures.zip Figures to provide supporting context for the application.	03/11/2025	No	High

1.2.7 Public consultation regarding the project area

	Type	Name	Date	Sensitivity	Confidence
#1.	Document	Attachment 2 - Scoping Letter.zip Scoping letter provided to DPHI to support the Modification request under the NSW EP&A Act.	16/01/2025	No	High

1.3.2.18 (Person proposing to take the action) If the person proposing to take the action is a corporation, provide details of the corporation's environmental policy and planning framework

	Type	Name	Date	Sensitivity	Confidence
#1.	Document	Attachment 3 - Environmental Policy.zip Tronox's environmental policy.	03/05/2021	No	Medium

4.1.4.2 (Threatened Species and Ecological Communities) Why your action has a direct and/or indirect impact on the identified protected matters

	Type	Name	Date	Sensitivity	Confidence
#1.	Document	Attachment 4 - Protected Matters Report.zip Protected Matters search based on the proposed footprint of the action.	30/09/2025	No	High

5.2 Declarations

✔ Completed Referring party's declaration

The Referring party is the person preparing the information in this referral.

ABN/ACN	99077167349
Organisation name	Resource Strategies Pty Ltd
Organisation address	Foyer 2, Level 2, 2 Gardner Close, Milton, QLD, 4064
Representative's name	Simon Longhurst
Representative's job title	
Phone	(07) 3367 0055
Email	slonghurst@resourcestrategies.com.au
Address	2 Gardner Cl, Milton QLD 4064

Check this box to indicate you have read the referral form. *

Check this box to confirm these are the correct identification details. *

By checking this box, I, **Simon Longhurst of Resource Strategies Pty Ltd**, declare that to the best of my knowledge the information I have given on, or attached to this EPBC Act Referral is complete, current and correct. I understand that giving false or misleading information is a serious offence. *

You may receive automated notifications that aim to assist you in tracking the progress of your project. You can opt out of these notifications by updating your communication preferences on your profile.

✔ Completed Person proposing to take the action's declaration

The Person proposing to take the action is the individual, business, government agency or trustee that will be responsible for the proposed action.

ABN/ACN	60009247858
Organisation name	TRONOX MINING AUSTRALIA LIMITED
Organisation address	Lot 962 Koombana Drive, BUNBURY WA 6230
Representative's name	Peter Collins

Representative's job title	Site Director - Eastern Operations
Phone	+61 417 476 088
Email	Peter.Collins@tronox.com
Address	PO Box 4032 Mildura VIC 3502

Check this box to indicate you have read the referral form. *

Check this box to confirm these are the correct identification details. *

I, **Peter Collins of TRONOX MINING AUSTRALIA LIMITED**, declare that to the best of my knowledge the information I have given on, or attached to the EPBC Act Referral is complete, current and correct. I understand that giving false or misleading information is a serious offence. I declare that I am not taking the action on behalf or for the benefit of any other person or entity. *

I, **Peter Collins of TRONOX MINING AUSTRALIA LIMITED**, the Person proposing the action, consent to the designation of **Thomas Meulemans** as the Proposed designated proponent for the purposes of the action described in this EPBC Act Referral. *

You may receive automated notifications that aim to assist you in tracking the progress of your project. You can opt out of these notifications by updating your communication preferences on your profile.

Completed Proposed designated proponent's declaration

The Proposed designated proponent is the individual or organisation proposed to be responsible for meeting the requirements of the EPBC Act during the assessment process, if the Minister decides that this project is a controlled action.

Name	Thomas Meulemans
Job title	Project Manager
Phone	0488 901 618
Email	thomas.meulemans@tronox.com
Address	PO Box 4032 Mildura VIC 3502

Check this box to indicate you have read the referral form. *

Check this box to confirm these are the correct identification details. *

I, **Thomas Meulemans**, the Proposed designated proponent, consent to the designation of myself as the Proposed designated proponent for the purposes of the action described in this EPBC Act Referral. *

You may receive automated notifications that aim to assist you in tracking the progress of your project. You can opt out of these notifications by updating your communication preferences on your profile.