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Published on: 18 March 2020

Statement No. 1128

STATEMENT THAT A REVISED PROPOSAL MAY BE IMPLEMENTED
(*Environmental Protection Act 1986*)

ST IVES GOLD MINE: THE BEYOND 2018 PROJECT

Proposal: Proposal to expand existing mining operations by increasing the land and lake based mining activity on Lake Lefroy and on adjacent land, approximately 20 kilometres (km) south east of Kambalda in the Goldfields region of Western Australia. The proposal includes the discharge of dewatering to the lake's surface and the construction of associated mine infrastructure, including open pits, underground operations, waste rock dumps and tailings storage facilities, the subject of Statement No. 879 dated 16 November 2011.

Proponent: St Ives Gold Mining Company Pty Limited
Australian Company Number 098 386 273

Proponent Address: PO Box 359
KAMBALDA WEST WA 6444

Assessment Number: 2113

Report of the Environmental Protection Authority: 1645

Previous Assessment Numbers: 1809 and 1250

Previous Reports of the Environmental Protection Authority: 1411 and 976

Previous Statement Numbers: 879 and 548

Pursuant to section 45, read with section 45B of the *Environmental Protection Act 1986*, it has been agreed that:

1. the proposal described and documented in Table 2 of Schedule 1 may be implemented;
2. the implementation of the revised proposal to which the above reports of the Environmental Protection Authority relate is subject to the following conditions and procedures, which replace and supersede all previous conditions and procedures of Statement No. 879.

1 Proposal Implementation

- 1-1 When implementing the revised proposal, the proponent shall not exceed the authorised extent of the revised proposal as defined in Table 2 of Schedule 1, unless amendments to the revised proposal and the authorised extent of the revised proposal have been approved under the EP Act.

2 Contact Details

- 2-1 The proponent shall notify the CEO of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.

3 Compliance Reporting

- 3-1 The proponent shall prepare and maintain a Compliance Assessment Plan which is submitted to the CEO within three (3) months of this Statement being issued.

- 3-2 The Compliance Assessment Plan shall indicate:

- (1) the frequency of compliance reporting;
- (2) the approach and timing of compliance assessments;
- (3) the retention of compliance assessments;
- (4) the method of reporting of potential non-compliances and corrective actions taken;
- (5) the table of contents of Compliance Assessment Reports; and
- (6) public availability of Compliance Assessment Reports.

- 3-3 After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 3-2, the proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 3-1.

- 3-4 The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 3-1 and shall make those reports available when requested by the CEO.

- 3-5 The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.

- 3-6 The proponent shall submit to the CEO the first Compliance Assessment Report by 30 June 2020 addressing the previous twelve (12) month period and then

annually from the date of submission of the first Compliance Assessment Report, or as otherwise agreed in writing by the CEO.

The Compliance Assessment Report shall:

- (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf;
- (2) include a statement as to whether the proponent has complied with the conditions;
- (3) identify all potential non-compliances and describe corrective and preventative actions taken;
- (4) be made publicly available in accordance with the approved Compliance Assessment Plan; and
- (5) indicate any proposed changes to the Compliance Assessment Plan required by condition 3-1.

4 Public Availability of Data

4-1 Subject to condition 4-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal, the proponent shall make publicly available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products (e.g. maps)), management plans and reports relevant to the assessment of this proposal and implementation of this Statement.

4-2 If any data referred to in condition 4-1 contains particulars of:

- (1) a secret formula or process; or
- (2) confidential commercially sensitive information;

the proponent may submit a request for approval from the CEO to not make these data publicly available. In making such a request, the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.

5 Flora and Vegetation Environmental Management Plan

5-1 The proponent shall implement the proposal to meet the following environmental outcomes:

- (1) The proponent shall ensure there is no proposal-related direct or adverse indirect impacts to flora and vegetation within the exclusion areas and no mining area as shown on Figure 3 and delineated by coordinates in Schedule 2.

- (2) The proponent shall ensure there is no adverse impact, as a result of inundation from dewatering discharge from the proposal, to the health of riparian vegetation, as shown on Figure 3 and delineated by coordinates in Schedule 2.
- 5-2 In order to meet the requirements of condition 5-1, the proponent shall prepare and submit to the CEO a Flora and Vegetation Environmental Management Plan within six (6) months of this Statement being issued, or as otherwise agreed in writing by the CEO.
- 5-3 The Flora and Vegetation Environmental Management Plan shall:
 - (1) include actions to ensure that dust, weeds and fire are appropriately managed within the development envelope;
 - (2) specify trigger criteria that must provide an early warning that the threshold criteria identified in condition 5-3(3) may not be met;
 - (3) specify threshold criteria to demonstrate compliance with the environmental outcomes specified in condition 5-1. Exceedance of the threshold criteria represents non-compliance with these conditions;
 - (4) specify monitoring to determine if trigger criteria and threshold criteria are exceeded;
 - (5) specify trigger level actions to be implemented in the event that trigger criteria have been exceeded;
 - (6) specify threshold contingency actions to be implemented in the event that threshold criteria are exceeded; and
 - (7) provide the format and timing for the reporting of monitoring results against trigger criteria and threshold criteria to demonstrate that condition 5-1 has been met over the reporting period in the Compliance Assessment Report required by condition 3-6.
- 5-4 After receiving notice in writing from the CEO that the Flora and Vegetation Environmental Management Plan satisfies the requirements of condition 5-3 the proponent shall:
 - (1) implement the provisions of the Flora and Vegetation Environmental Management Plan; and
 - (2) continue to implement the Flora and Vegetation Environmental Management Plan until the CEO has confirmed by notice in writing that the proponent has demonstrated the outcomes specified in condition 5-1 have been met.

5-5 In the event that monitoring or investigations indicate exceedance of threshold criteria specified in the Flora and Vegetation Environmental Management Plan, the proponent shall:

- (1) report the exceedance in writing to the CEO within seven (7) days of the exceedance being identified;
- (2) implement the threshold contingency actions specified in the Flora and Vegetation Environmental Management Plan within twenty-four (24) hours of the exceedance being reported as required by condition 5-5(1) and continue implementation of those actions until the CEO has confirmed by notice in writing that it has been demonstrated that the threshold criteria are being met and the implementation of the threshold contingency actions is no longer required;
- (3) investigate to determine the cause of the threshold criteria being exceeded;
- (4) investigate to provide information for the CEO to determine potential environmental harm or alteration of the environment that occurred due to threshold criteria being exceeded; and
- (5) provide a report to the CEO within twenty-one (21) days of the exceedance being reported as required by condition 5-5(1). The report shall include:
 - (a) details of threshold contingency actions implemented;
 - (b) the effectiveness of the threshold contingency actions implemented, against the threshold criteria;
 - (c) the findings of the investigations required by conditions 5-5(3) and 5-5(4);
 - (d) measures to prevent the threshold criteria being exceeded in the future;
 - (e) measures to prevent, control or abate the environmental harm which may have occurred; and
 - (f) justification of the threshold remaining, or being adjusted based on better understanding, demonstrating that outcomes will continue to be met.

5-6 The proponent:

- (1) may review and revise the Flora and Vegetation Environmental Management Plan, or
- (2) shall review and revise the Flora and Vegetation Environmental Management Plan as and when directed by the CEO.

5-7 The proponent shall implement the latest revision of the Flora and Vegetation Environmental Management Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 5-3.

6 Terrestrial Fauna Environmental Management Plan

6-1 The proponent shall implement the proposal to meet the following environmental outcomes:

- (1) The proponent shall ensure there is no direct proposal-related significant adverse impacts to Malleefowl or active Malleefowl mounds within the development envelope.
- (2) The proponent shall ensure there is no project-related direct or indirect impacts to the habitats of confirmed and potential SREs within the exclusion areas and no mining area as shown on Figure 3 and delineated by coordinates in Schedule 2.

6-2 In order to meet the outcomes of condition 6-1, the proponent shall prepare and submit to the CEO a Terrestrial Fauna Environmental Management Plan within six (6) months of this Statement being issued.

6-3 The Terrestrial Fauna Environmental Management Plan shall:

- (1) outline how the pre-clearance surveys will be undertaken using LIDAR or similar technology, in consultation with the Department of Biodiversity, Conservation and Attractions;
- (2) specify trigger criteria that must provide an early warning that the environmental outcomes identified in condition 6-1 may not be met;
- (3) specify threshold criteria to demonstrate compliance with the environmental outcomes specified in condition 6-1. Exceedance of the threshold criteria represents non-compliance with these conditions;
- (4) specify monitoring to determine if trigger criteria and threshold criteria are exceeded;
- (5) specify trigger level actions to be implemented in the event that trigger criteria have been exceeded;
- (6) specify threshold contingency actions to be implemented in the event that threshold criteria are exceeded; and
- (7) provide the format and timing for the reporting of monitoring results against trigger criteria and threshold criteria to demonstrate that condition 6-1 has been met over the reporting period in the Compliance Assessment Report required by condition 3-6.

6-4 After receiving notice in writing from the CEO that the Terrestrial Fauna Environmental Management Plan satisfies the requirements of condition 6-3 the proponent shall:

- (1) implement the provisions of the Terrestrial Fauna Environmental Management Plan; and
- (2) continue to implement the Terrestrial Fauna Environmental Management Plan until the CEO has confirmed by notice in writing that the proponent has demonstrated the outcomes specified in condition 6-1 have been met.

6-5 In the event that monitoring, tests, surveys or investigations indicate exceedance of threshold criteria specified in the Terrestrial Fauna Environmental Management Plan, the proponent shall:

- (1) report the exceedance in writing to the CEO within seven (7) days of the exceedance being identified;
- (2) implement the threshold contingency actions specified in the Terrestrial Fauna Environmental Management Plan within twenty-four (24) hours of the exceedance being reported as required by condition 6-5(1) and continue implementation of those actions until the CEO has confirmed by notice in writing that it has been demonstrated that the threshold criteria are being met and the implementation of the threshold contingency actions is no longer required;
- (3) investigate to determine the cause of the threshold criteria being exceeded;
- (4) investigate to provide information for the CEO to determine potential environmental harm or alteration of the environment that occurred due to threshold criteria being exceeded; and
- (5) provide a report to the CEO within twenty-one (21) days of the exceedance being reported as required by condition 6-5(1). The report shall include:
 - (a) details of threshold contingency actions implemented;
 - (b) the effectiveness of the threshold contingency actions implemented, against the threshold criteria;
 - (c) the findings of the investigations required by conditions 6-5(3) and 6-5(4);
 - (d) measures to prevent the threshold criteria being exceeded in the future;
 - (e) measures to prevent, control or abate the environmental harm which may have occurred; and

- (f) justification of the threshold remaining, or being adjusted based on better understanding, demonstrating that outcomes will continue to be met.

6-6 The proponent:

- (1) may review and revise the Terrestrial Fauna Environmental Management Plan, or
- (2) shall review and revise the Terrestrial Fauna Environmental Management Plan as and when directed by the CEO.

6-7 The proponent shall implement the latest revision of the Terrestrial Fauna Environmental Management Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 6-3.

7 Short Range Endemics

7-1 The proponent shall confirm that the juvenile species identified were *Lychas* 'SIGM132' and *Aganippe* sp. indet. and ensure that suitable habitat is maintained for these species.

7-2 Subject to condition 7-3, the proponent shall not undertake ground-disturbing activities within the SRE exclusion areas as shown on Figure 3 and delineated by coordinates in Schedule 2;

7-3 No ground-disturbing activities may occur within the SRE exclusion areas as shown in Figure 3 of Schedule 1 until:

- (1) the CEO is satisfied that *Lychas* 'SIGM132' and *Aganippe* sp. indet. have been found outside the development envelope as shown on Figure 3; and
- (2) the proponent has received notice in writing from the CEO that ground-disturbing activities may occur within the SRE exclusion areas as shown in Figure 3 of Schedule 1.

[signed on 18 March 2020]

Hon Stephen Dawson MLC
MINISTER FOR ENVIRONMENT

Table 1: Summary of the Proposal

Proposal Title	St Ives Gold Mine: The Beyond 2018 Project
Short Description	<p>The Beyond 2018 Project comprises new open-cut and underground mining developments and the expansion of the existing open-cut and underground mining developments at Lake Lefroy, approximately 20 kilometres (km) south east of Kambalda in the Goldfields region of Western Australia.</p> <p>The proposal includes the discharge of dewatering to the lake's surface and the construction of associated mine infrastructure, including waste rock dumps and tailings storage facilities.</p>

Table 2: Location and authorised extent of physical and operational elements

Column 1	Column 2	Column 3
Element	Location	Authorised Extent
Lake-based operations	Figure 3	4,061 ha within a development envelope of 45,013 ha
Land-based operations	Figure 3	5,085 ha within a development envelope of 45,013 ha
Area of direct riparian zone disturbance from clearing	Figure 3	Up to 110 ha within a development envelope of 45,013 ha
Volume of waste rock used for backfilling	-	A minimum of approximately 95 million tonnes and backfilling of sterilised pits

Table 3: Abbreviations and Definitions

Acronym or Abbreviation	Definition or Term
Adverse	Impacts not likely to change the conservation status or local population numbers of a species.
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
EP Act	<i>Environmental Protection Act 1986</i>
Ground-disturbing activities	Activities that are associated with the substantial implementation of a proposal including but not limited to, digging (with mechanised equipment), blasting, earthmoving, vegetation clearance, grading, gravel extraction, construction of new or widening of existing roads and tracks.
ha	Hectare
LIDAR	A remote sensing technology which uses the pulse from a laser to collect measurements which can then be used to create 3D models and maps of objects and environments. LIDAR is an acronym of Light Detection and Ranging.
SREs	Short Range Endemics

Figures (attached)

Figure 1 Regional location

Figure 2 Development envelope and existing operations

Figure 3 Exclusion areas and riparian vegetation



Figure 1: Regional location

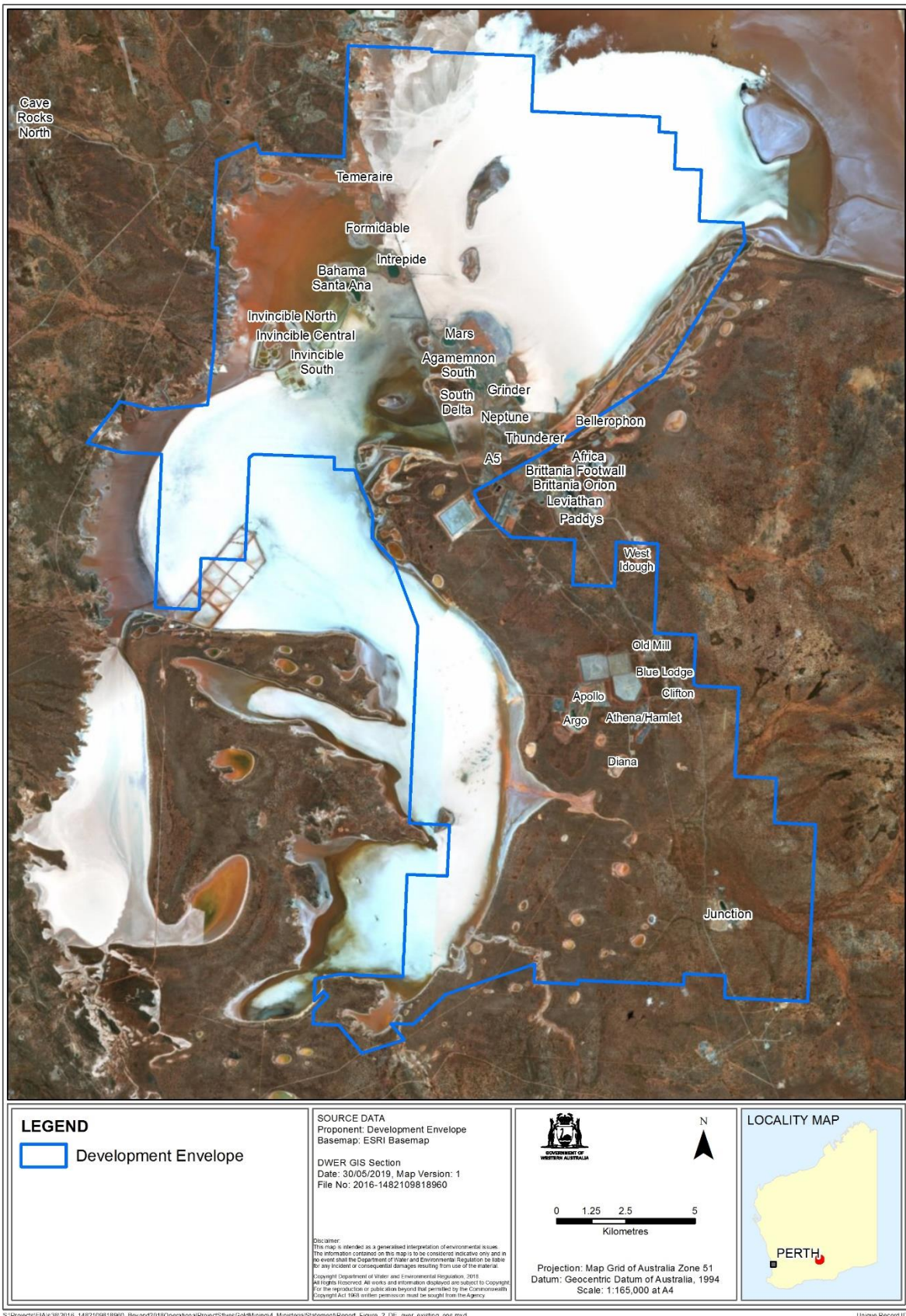


Figure 2 Development envelope and existing operations

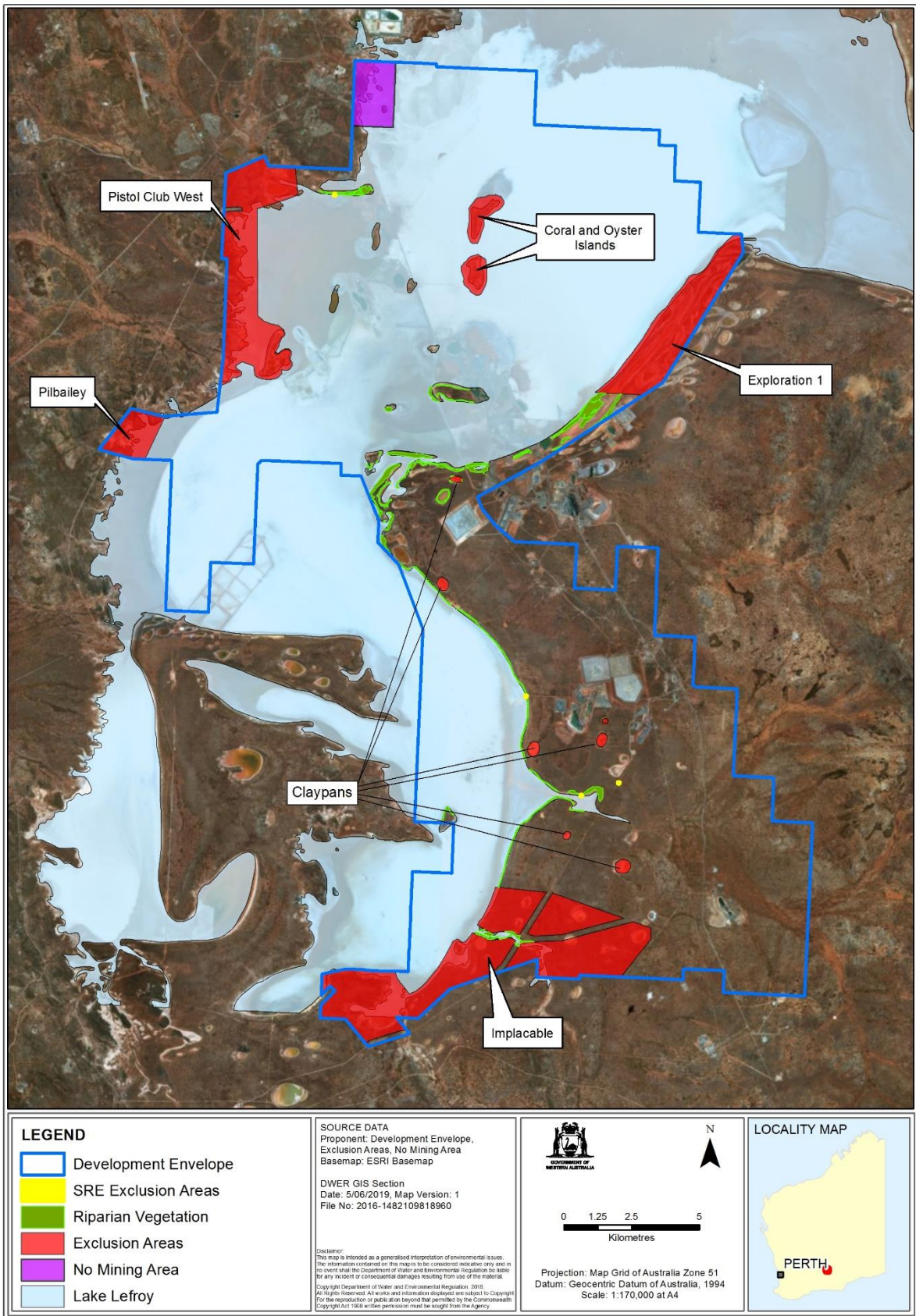


Figure 3: Exclusion areas and riparian vegetation

Schedule 2

Coordinates defining the areas shown in Figure 3 are held by the Department of Water and Environmental Regulation (DWER) under the following reference numbers:

- Development Envelope – DWERDT165781
- Development Envelope (Lake based) – DWERDT165791
- Development Envelope (Land based) – DWERDT165790
- Exclusion Areas – DWERDT165792
- SRE Exclusion Areas – DWERDT165793
- No Mining Area – DWERDT165794
- Riparian Vegetation – DWERDT165796

All coordinates are in metres, listed in Map Grid of Australia Zone 50 (MGA Zone 50), datum of Geocentric Datum of Australia 1994 (GDA94).

Attachment 1 to Ministerial Statement 1128

Amendment to proposal approved under section 45C of the
Environmental Protection Act 1986

This Attachment replaces Schedule 1 and Schedule 2 of Ministerial Statement 1128

Proposal: St Ives Gold Mine: The Beyond 2018 Project

Proponent: St Ives Gold Mining Company Pty Limited

Changes:

- Increase in the size of the development envelope by 572 hectares.
- Inclusion of a hybrid energy-source powered microgrid (hybrid microgrid) within the land-based operations. The hybrid microgrid will consist of a wind farm comprising up to 10 wind turbine generators (WTG's), a solar farm, Thermal generation plant, battery energy storage system (BESS), new substation and associated transmission, power conditioning and supporting infrastructure. Supporting infrastructure includes elements such as access tracks and roads, a control room, operations and maintenance facilities and construction works such as crane pads.

Table 1 Summary of the proposal

Proposal title	St Ives Gold Mine: The Beyond 2018 Project
Short description	The Beyond 2018 Project comprises new open-cut and underground mining developments and the expansion of the existing open-cut and underground mining developments at Lake Lefroy, approximately 20 kilometres (km) south east of Kambalda in the Goldfields region of Western Australia. The proposal includes the discharge of dewatering to the lake's surface and the construction of associated mine infrastructure, including waste rock dumps and tailings storage facilities.

Table 2 Location and authorised extent of physical and operational elements

Element	Location	Previously authorised extent	Authorised extent
Physical elements			
Lake-based operations	Figure 3	4,061 ha within a development envelope of 45,013 ha	4,061 ha within a development envelope of 45,585 ha
Land-based operations	Figure 3	5,085 ha within a development envelope of 45,013 ha	5,085 ha within a development envelope of 45,585 ha

Element	Location	Previously authorised extent	Authorised extent
Area of direct riparian zone disturbance from clearing	Figure 3	Up to 110 ha within a development envelope of 45,013 ha	Up to 110 ha within a development envelope of 45,585 ha
Volume of waste rock used for backfilling	-	A minimum of approximately 95 million tonnes and backfilling of sterilised pits	A minimum of approximately 95 million tonnes and backfilling of sterilised pits

Note: Text in **bold** in Table 2 indicates a change to the proposal.

Table 3 Abbreviations and Definitions

Abbreviation	Term
Adverse	Impacts not likely to change the conservation status or local population numbers of a species.
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
EP Act	<i>Environmental Protection Act 1986</i>
Ground-disturbing activities	Activities that are associated with the substantial implementation of a proposal including but not limited to, digging (with mechanised equipment), blasting, earthmoving, vegetation clearance, grading, gravel extraction, construction of new or widening of existing roads and tracks.
ha	hectare
LIDAR	A remote sensing technology which uses the pulse from a laser to collect measurements which can then be used to create 3D models and maps of objects and environments. LIDAR is an acronym of Light Detection and Ranging.
SREs	Short Range Endemics

Figures (attached)

Figure 1: Regional location

Figure 2: Development envelope and existing operations

Figure 3: Exclusion areas and riparian vegetation

A handwritten signature in blue ink, appearing to read 'M. Tonts', with a stylized flourish extending to the right.

Prof Matthew Tonts

CHAIR

Environmental Protection Authority
under delegated authority

Approval date: 18 December 2023

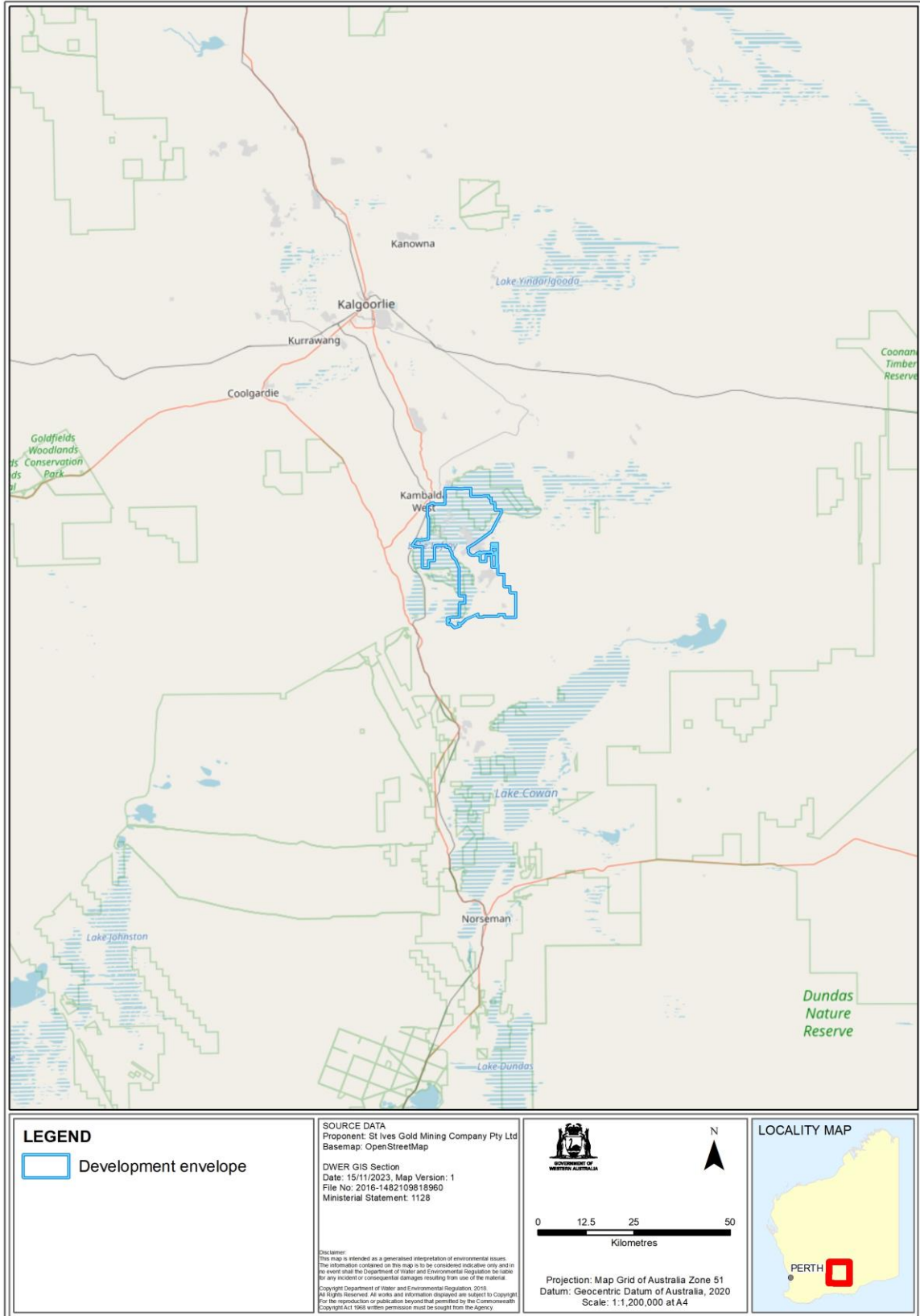


Figure 1 Regional location

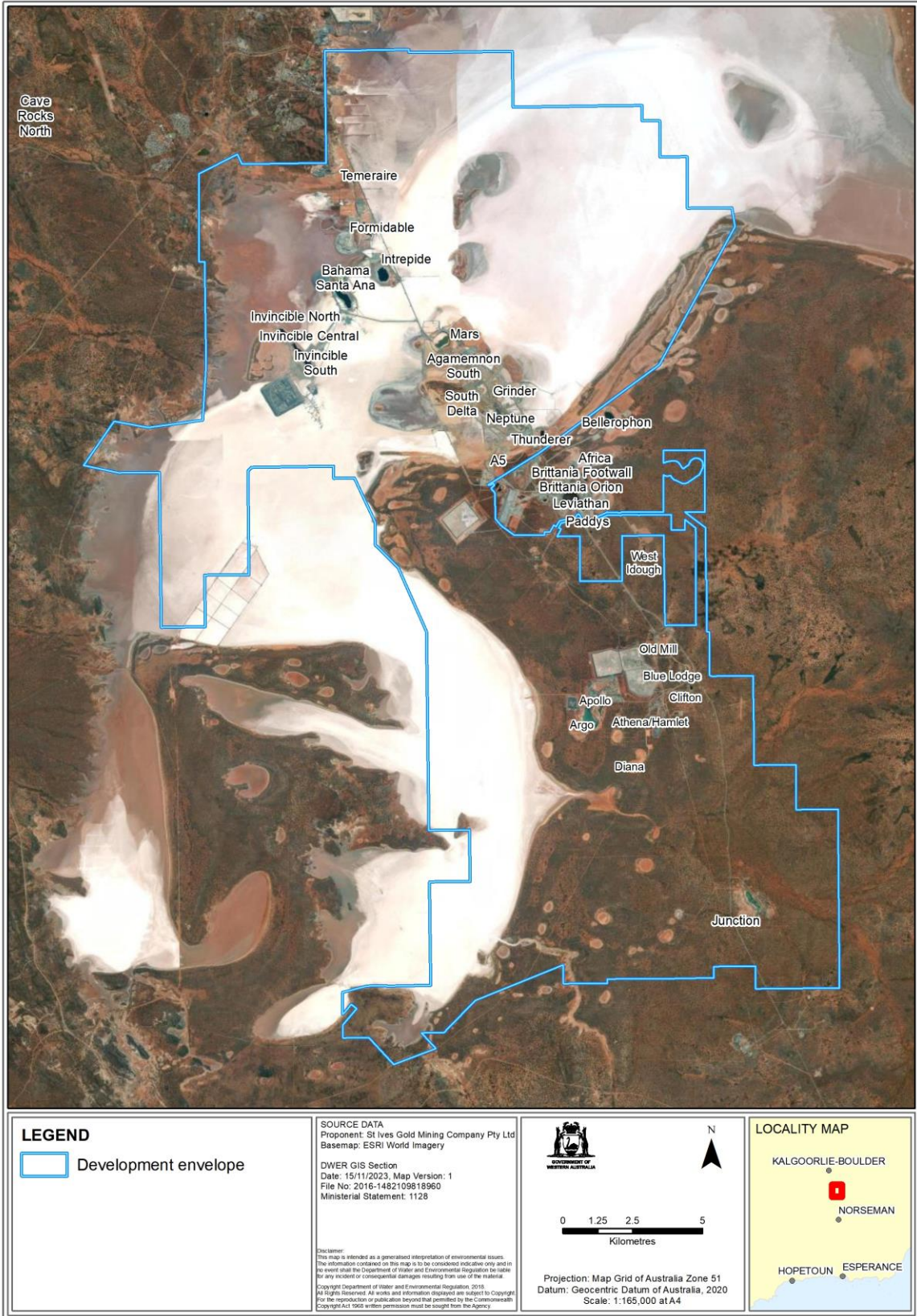


Figure 2 Development envelope and existing operations

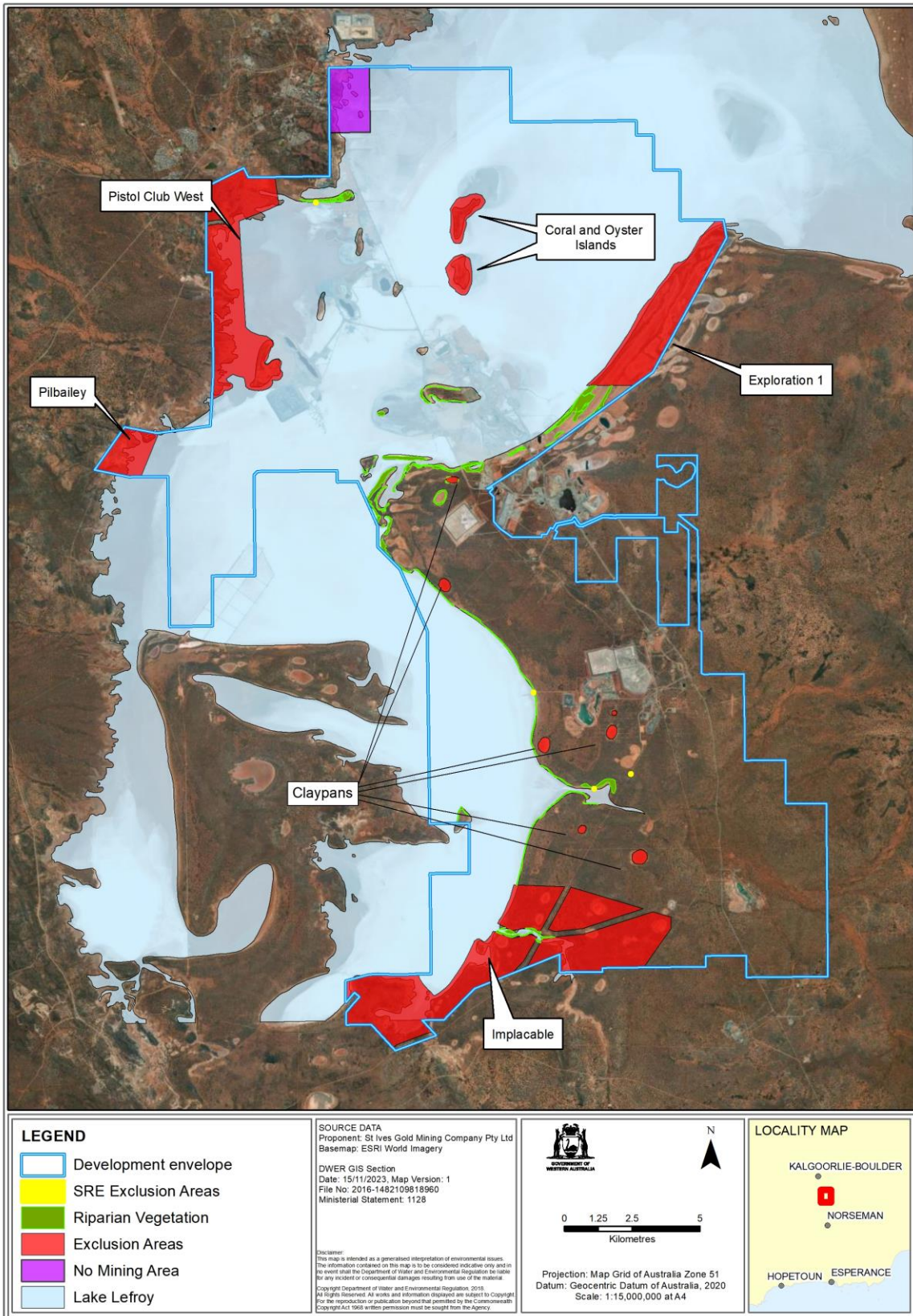


Figure 3 Exclusion areas and riparian vegetation

Spatial data depicted in figures 1 to 3 in this attachment is held by the Department of Water and Environmental Regulation, file reference APP-0000196.

Attachment 2 to Ministerial Statement 1128

Amendment to proposal approved under section 45C of the
Environmental Protection Act 1986

This Attachment replaces Schedule 1 and Schedule 2 and Attachment 1 of Ministerial Statement 1128

Proposal: St Ives Gold Mine: The Beyond 2018 Project

Proponent: St Ives Gold Mining Company Pty Limited

Changes:

- Increase to extent of development envelope by 4 ha.
- Realignment of a transmission line associated with the hybrid energy-source powered microgrid.

Table 1: Summary of the proposal

Proposal title	St Ives Gold Mine: The Beyond 2018 Project
Short description	The Beyond 2018 Project comprises new open-cut and underground mining developments and the expansion of the existing open-cut and underground mining developments at Lake Lefroy, approximately 20 kilometres (km) south east of Kambalda in the Goldfields region of Western Australia. The proposal includes the discharge of dewatering to the lake's surface and the construction of associated mine infrastructure, including waste rock dumps and tailings storage facilities.

Table 2: Location and authorised extent of physical and operational elements

Element	Location	Previously authorised extent	Authorised extent
Physical elements	Figure 3	4,061 ha within a development envelope of 45,585 ha	4,061 ha within a development envelope of 45,589 ha
Land-based operations	Figure 3	4,061 ha within a development envelope of 45,585 ha	4,061 ha within a development envelope of 45,589 ha
Area of direct riparian zone disturbance from clearing	Figure 3	4,061 ha within a development envelope of 45,585 ha	4,061 ha within a development envelope of 45,589 ha
Volume of waste rock	-	A minimum of approximately 95 million tonnes and backfilling of sterilised pits	A minimum of approximately 95 million tonnes and

Element	Location	Previously authorised extent	Authorised extent
used for backfilling			backfilling of sterilised pits

Note: Text in **bold** in Table 2 indicates a change to the proposal.

Table 3: Abbreviations

Abbreviation	Term
Adverse	Impacts not likely to change the conservation status or local population numbers of a species.
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
EP Act	<i>Environmental Protection Act 1986</i>
Ground-disturbing activities	Activities that are associated with the substantial implementation of a proposal including but not limited to, digging (with mechanised equipment), blasting, earthmoving, vegetation clearance, grading, gravel extraction, construction of new or widening of existing roads and tracks.
ha	hectare
LIDAR	A remote sensing technology which uses the pulse from a laser to collect measurements which can then be used to create 3D models and maps of objects and environments. LIDAR is an acronym of Light Detection and Ranging.
SREs	Short Range Endemics

Figures (attached)

Figure 1: Regional location

Figure 2: Development envelope and existing operations

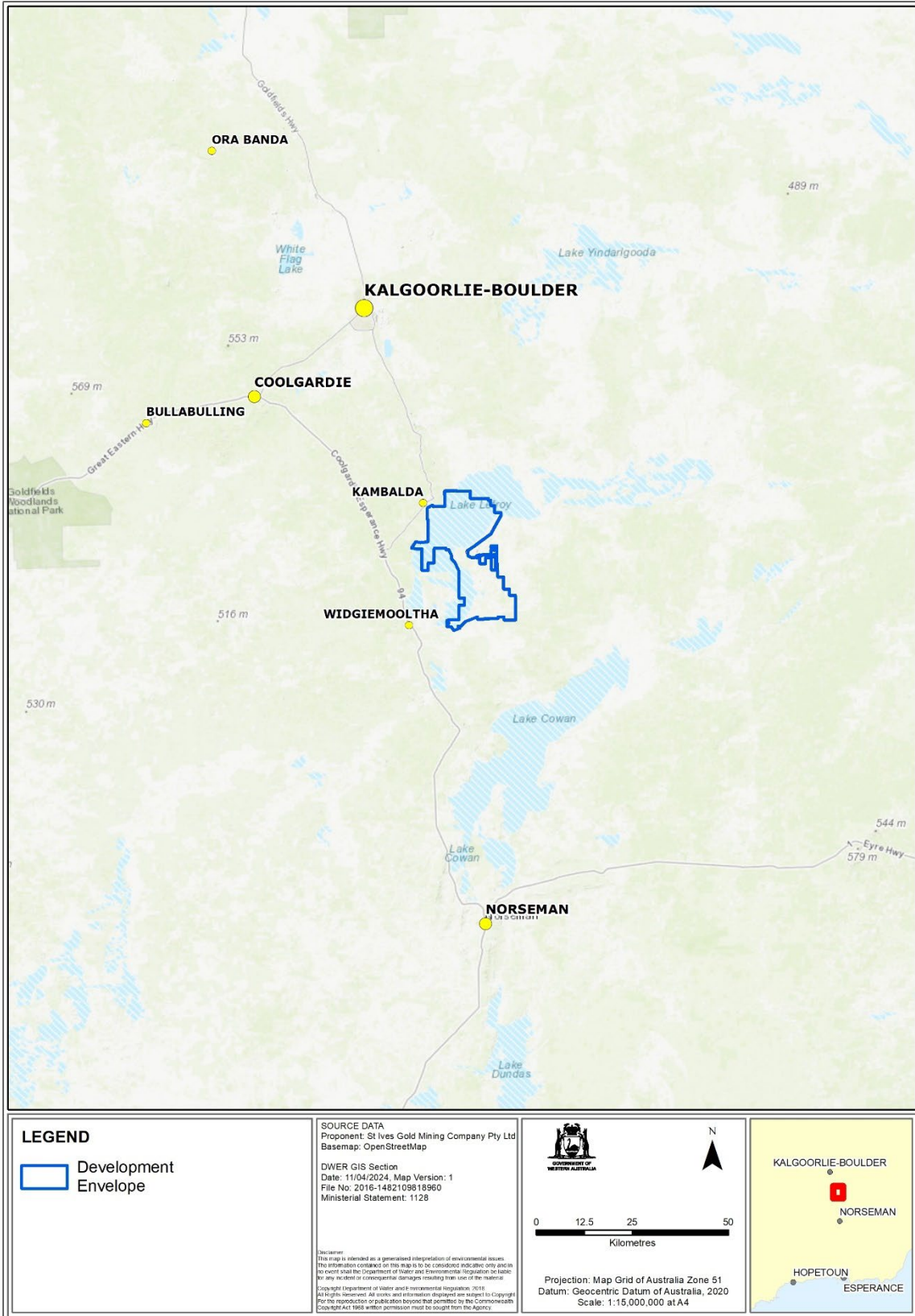
Figure 3: Exclusion areas and riparian vegetation

[Signed 19 April 2024]

Prof Matthew Tonts

CHAIR

Environmental Protection Authority
under delegated authority



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Unique Record ID

Figure 1 Regional location

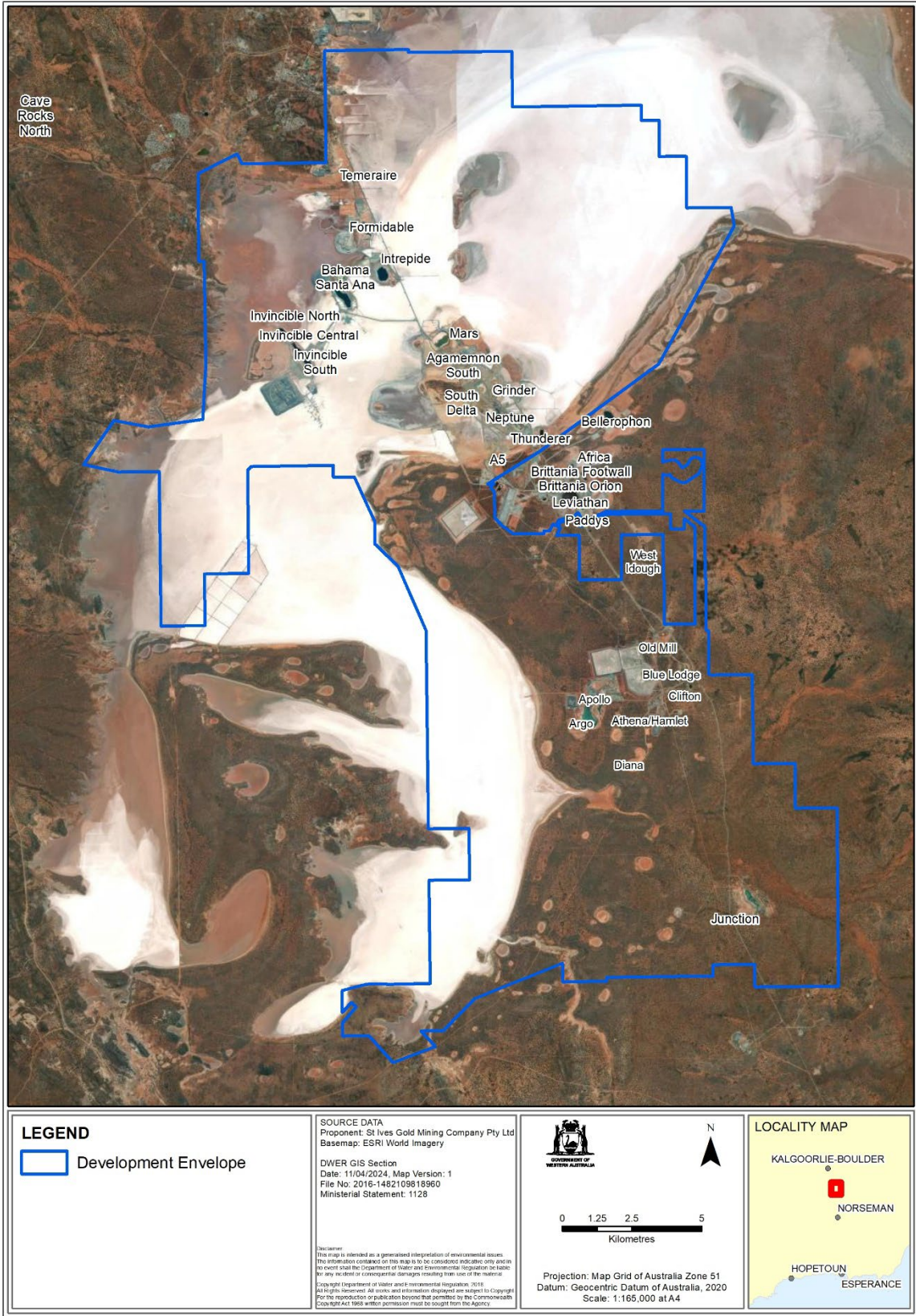
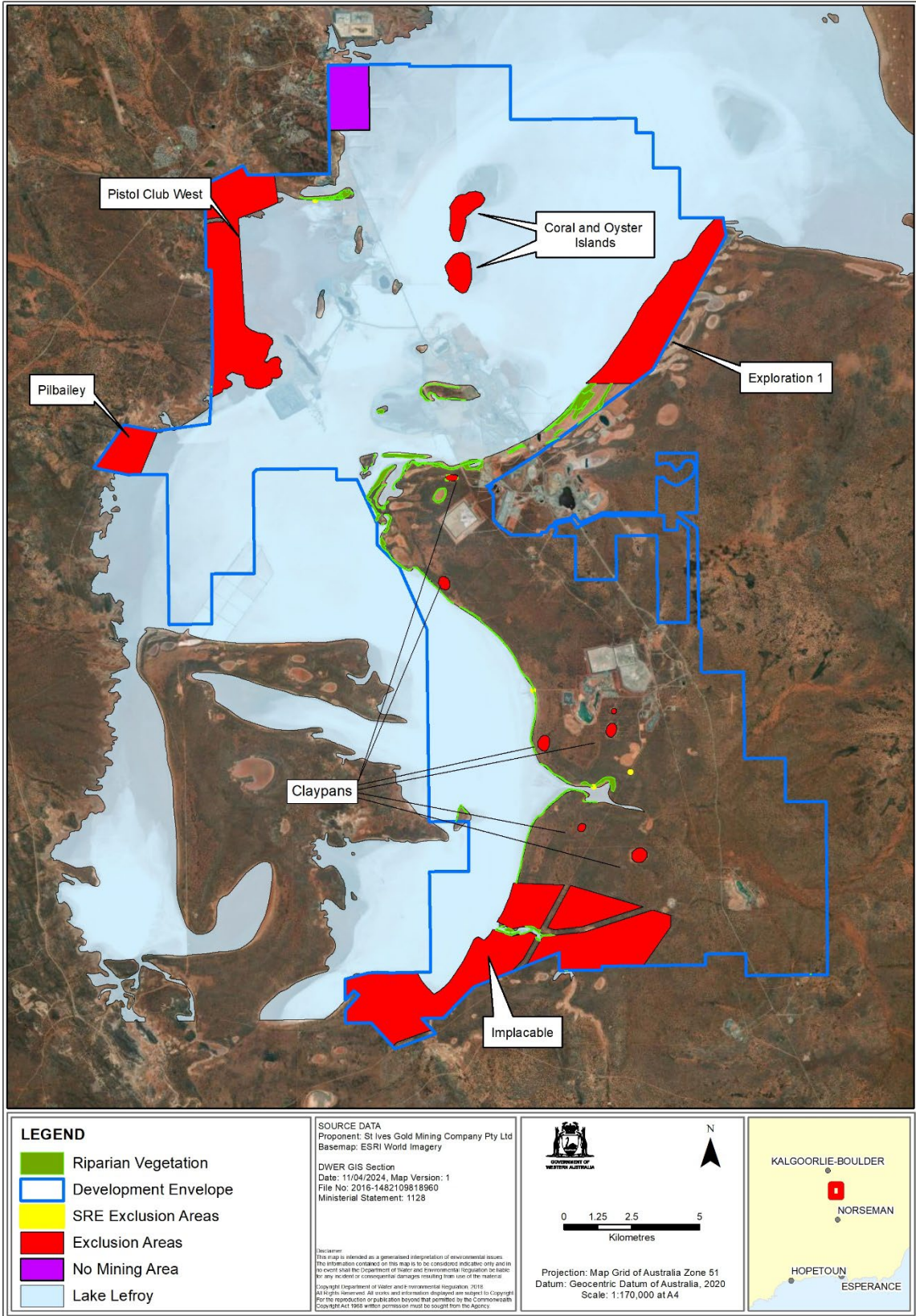


Figure 2 Development envelope and existing operations



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Figure 3 Exclusion areas and riparian vegetation

Spatial data depicted in figures 1 to 3 in this attachment is held by the Department of Water and Environmental Regulation in Environment Online, file reference: APP-0025244.