#### TEC Coal Pty Ltd

## Meandu Mine King 2 East Project

Regional Interest Development Approval Assessment Application Report

NOVEMBER 2021





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Meandu Mine King 2 East Project Regional Interest Development Approval Assessment Application Report

TEC Coal Pty Ltd

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We recognise Aboriginal and Torres Strait Islander Peoples as the first scientists and engineers and pay our respects to Elders past and present.

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Regional Interest Development Approval Application Report PS113963-ENV-REP-001 1 November 2021 November 2021



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## **Glossary and Abbreviations**

ALUM Australian Land Use and Management

ASA Additional surface area

DAF Department of Agriculture and Fisheries (Queensland)

DAWE Department of Agriculture, Water and the Environment (Commonwealth)

DES Department of Environment and Science (Queensland)

DNRM Department of Natural Resources and Mines (Queensland), now Department of Resources

DSDILGP Department of State Development, Infrastructure, Local Government and Planning (Queensland)

EA Environmental Authority as issued under the EP Act. The EA for the Meandu Mine is

EPML00709113 (August 2021).

EP Act Environmental Protection Act 1994 (Queensland)

EPBC Act Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)

ha Hectares

HQPlantations HQPlantations Pty Ltd: Plantation Licence holder for Yarraman State Forest.

K2E Project King 2 East Project

km kilometres

LOM Life of Mine

ML Mining Lease

Mtpa Million tonnes per annum

MW Megawatts

PAA Priority agricultural area

PALU Priority agricultural land use

PLA Priority living area

PRCP Progressive rehabilitation and closure plan

QLUMP Queensland Land Use Mapping Program

RIDA Regional Interests Development Approval

ROM Run-of-mine

RPI Act Regional Planning Interests Act 2014 (Queensland)

RPI Regulation Regional Planning Interests Regulation 2014 (Queensland)

SCA Strategic cropping area

SEA Strategic environmental area

Stanwell Corporation Limited

TEC Coal Pty Ltd

### 1 Introduction

#### 1.1 Purpose

This report has been prepared on behalf of TEC Coal Pty Ltd (TEC Coal), a wholly owned subsidiary of Stanwell Corporation Limited (Stanwell), in support of a Regional Interest Development Approval (RIDA) application under the *Regional Planning Interests Act 2014* (RPI Act) for the King 2 East (K2E) Project (the K2E Project) within the current Meandu Mine Mining Lease (ML) 6674. The K2E Project involves increasing the approved surface rights area within ML6674 by an additional 187.7 hectares (ha) which will allow progression of the existing K2E pit to the east. The K2E Project reflects Stanwell' strategy for developing and delivering the 2019 Life of Mine (LOM) Plan for the Meandu Mine and to enable the continuation of mine activity up to 2037-2039.

The report has been prepared to provide supporting information for the RIDA application and has been prepared in accordance with the following RPI Act statutory guidelines:

- RPI Act Statutory Guideline: 01/14 How to make an assessment application for a regional interests development approval under the Regional Planning Interests Act 2014 (DSDMIP, 2019a);
- RPI Act Statutory Guideline: 02/14 Carrying out resource activities in a Priority Agricultural Area (DSDMIP, 2019b);
- RPI Act Statutory Guidelines: 06/14 Public notification of assessment applications (DSDMIP, 2019c); and
- RPI Act Statutory Guideline: 07/14 How to identify a Priority Agricultural Land Use (PALU) (DSDMIP, 2019d).

In particular, this report provides:

- a description of the K2E Project;
- a description of the impact of the K2E Project to areas of regional interest;
- an assessment of the K2E Project's compliance with the assessment criteria detailed in the Regional Planning Interests Regulation 2014 (RPI Regulation); and
- an overview of consultation activities undertaken for the K2E Project.

#### 1.2 Summary of findings

The proposed K2E ASA is located in a designated Priority Agricultural Area (PAA) under the Darling Downs Regional Plan 2013, which identifies priority agricultural land uses (PALUs) that apply to the region (refer to Section 2.2 of this assessment application).

As demonstrated by the evidence provided in support of this assessment application the K2E ASA has not been used as a PALU for at least 3 years during the last 10 years. It is considered that the PAA designation under the Regional Plan does not reflect current or recent land use of the K2E ASA. As such the K2E Project has been shown to be compliant with Required Outcome 1 from Schedule 2, Part 2 of the RPI Regulation – that is the activity will not result in a material impact on the use of the property for a PALU.

#### 1.3 K2E Project approvals and public notification

State approval for the K2E Project is being sought via an Environmental Authority (EA) amendment application for EPML00709113 under the *Environmental Protection Act 1994* (EP Act) which was received by the Queensland Department of Environment and Science (DES) on 6 April 2021. On 19 April 2021, DES advised that the assessment level decision for the application was, a major EA Amendment. On the 20 April 2021 DES confirmed that public notification under the EP Act was not required for the K2E Project.

As all activities will occur within the existing ML6674, a new mining lease application under the *Mineral Resources Act* 1989 (MR Act) is not required. However, approval under the MR Act is required for the additional surface area, which requires the EA Amendment, native title and compensation agreement processes to be completed. On 1 April 2021, TEC Coal submitted an application for the additional surface area under section 275 of the MR Act. A Mining Lease Notice for the additional surface area for ML6674 was issued by the Department of Resources on 16 June 2021. During June to July 2021, Stanwell undertook public notification under the MR Act which included advertisement in local papers, publication of information on the Department of Resources and Stanwell's websites and letters to adjoining landowners (refer Section 5 – Public notification).

The K2E Project was also referred to the Commonwealth Department of Agriculture, Water and the Environment (DAWE) in July 2021 for determination on whether the K2E Project is considered a controlled action under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Information about the K2E Project was published on DAWE's website on 27 July 2021. On 6 September 2021, notification was received from DAWE that the K2E Project was considered a controlled action to be assessed by preliminary documentation under section 95(1) of the EPBC Act.

Given the public notification processes, along with the extent of public consultation undertaken with respect to the K2E Project (Section 5 Public Notification), TEC Coal seeks an exemption from public notification for the assessment application under Section 34(3) of the RPI Act.

#### 1.4 Proponent

The proponent of the K2E Project is TEC Coal. TEC Coal is a wholly owned subsidiary of Stanwell Corporation Limited (Stanwell). Stanwell is a Queensland Government Owned Corporation under the *Government Owned Corporations Act 1993* and registered under the *Corporations Act 2001*. Stanwell is a substantial provider of electricity to the National Electricity Market and large energy users throughout Australia. It owns assets for the purposes of generating electricity, including the Meandu Mine and Tarong and Tarong North power stations. Through these and other assets, Stanwell has a generation capacity of more than 3,000 megawatts (MW). TEC Coal Pty Ltd owns the Meandu Mine and is the holder of ML6674 and EA EPML00709113.

The registered address for the proponent is:

TEC Coal Pty Ltd Level 2, 180 Ann Street Brisbane, Queensland, Australia, 4001.

#### 1.5 Site description

The K2E Project is wholly within ML6674 of Meandu Mine. Meandu Mine is located in Queensland's South Burnett region, approximately 150 kilometres (km) north-west of Brisbane, 14 km south-west of Nanango and 1.5 km to the south of the Tarong and Tarong North power stations. The nearest town to the mine site is Yarraman, which is located approximately 6 km south south-east from approved mining activities. Refer to Figure 1.1 for a locality map of the Meandu Mine. The K2E ASA is within the Toowoomba Regional Council local government area. Ridge Road which forms the western boundary of the K2E ASA, is the boundary between the Toowoomba and South Burnett regional council local government areas and jointly managed by both regional councils.

The mining lease for Meandu Mine (ML6674) was granted on 19 February 1981. ML6674 occupies an area of 4,267 ha within both the South Burnett Regional Council and Toowoomba Regional Council local government areas. TEC Coal currently holds surface rights for approximately 2,640 ha of ML6674. The proposed K2E additional surface area (ASA) will increase the surface rights area by an additional 187.7 ha (approximately 7 percent of the current approved surface rights area) within the ML6674 to allow progression of the existing K2E pit to the east.

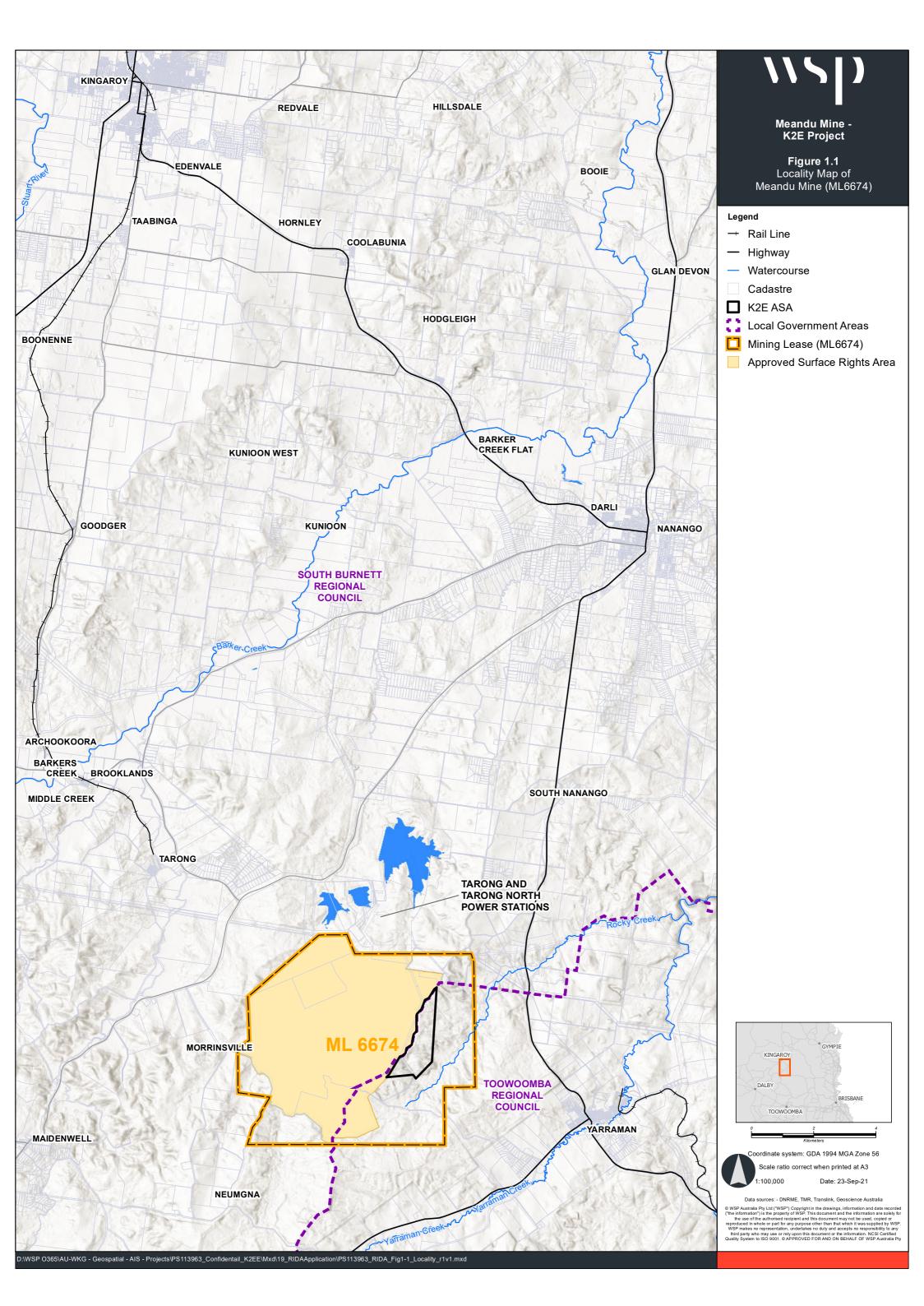
The K2E ASA adjoins the eastern side of the approved surface rights area of Meandu Mine within ML6674. The K2E ASA is located within Yarraman State Forest (Lot 289 on FTY1859), which was gazetted in 1901 and has had 'State Forest' tenure since that time. As well as forming the western boundary of the K2E ASA, a portion of road easement (Ridge Road) also dissects the proposed K2E ASA. The properties (Lot on Plan numbers) underlying the approval surface rights area and the K2E ASA are outlined in Table 1.1 and shown on Figure 1.2.

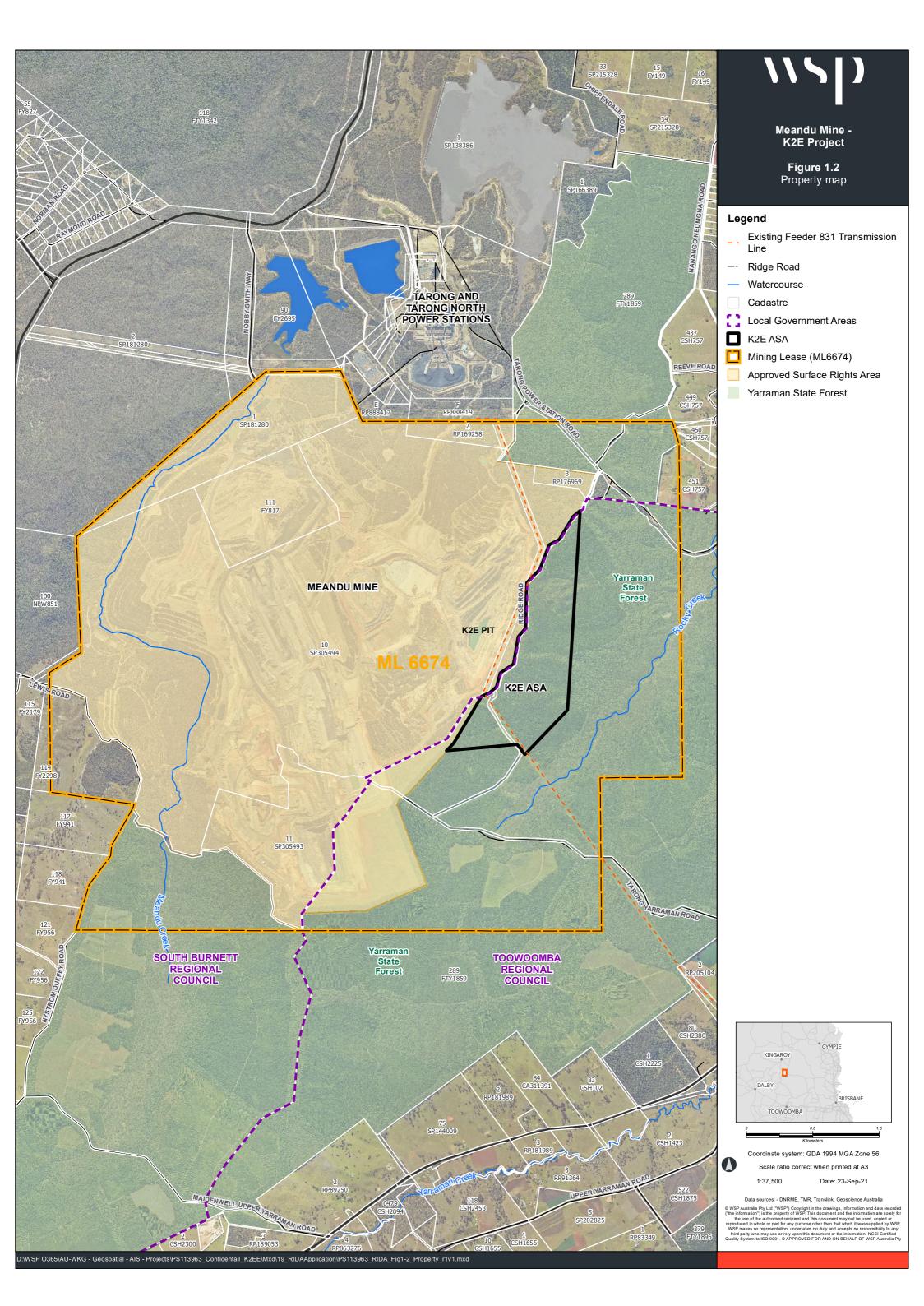
Table 1.1 Lot on Plan numbers for approved surface rights area of ML6674 and K2E ASA

MINING LEASE	PROPERTY DETAILS (LOT ON PLAN)		LAND	LANDOWNERS, TRUSTEES/LESSEES
	APPROVED SURFACE RIGHTS AREA	K2E ASA	TENURE	
ML6674	Lot 111 on FY817 Lot 1 on SP181280 Lot 2 on RP169258 Lot 3 on RP176969 Lot 289 on FTY1859	Lot 289 on FTY1859 (Yarraman State Forest)	State Forest	The State of Queensland (Represented by the Department of Environment and Science) owns the land.  HQPlantations Pty Ltd (HQPlantations) is the Plantation licence holder for PLP0289.
		Ridge Road	Road Reserve	The State of Queensland (Represented by the Department of Resources) owns the road.  Toowoomba Regional Council/South Burnett Regional Council are trustees.

The current primary land use within the K2E ASA is State forest (Yarraman State Forest) used for forestry plantation. HQPlantations manages the forestry plantation in Yarraman State Forest under a 99-year Plantation Licence (PLP0289) which grants rights to manage, harvest and re-grow plantation timber on Government owned land (HQPlantations, 2014).

Ridge Road forms the western boundary of the K2E ASA, which runs in a general north to south direction before dissecting the southern part of the K2E ASA in a north-west to south-east direction. A Powerlink Queensland (Powerlink) Feeder 831 275 kiloVolt (kV) transmission line runs immediately to the west of the K2E ASA in an easement across the approved surface rights area of Meandu Mine before also dissecting the K2E ASA in a north-west to south-east direction, along the same alignment as Ridge Road. No easements exist within the K2E ASA. A number of tracks associated with forestry operations are found in the KSE ASA (refer further to Figure 2.3).





#### 1.6 Project description

The K2E Project is a brownfield development. The new activities for the K2E Project comprise mining in an additional surface area (ASA) to the east of the K2E pit (Figure 1.2). To facilitate the pit progression to the east, an additional surface area of 187.7 ha (approximately 7 percent of the current approved surface rights area) within the ML6674 is required.

Mining in the proposed K2E ASA will be conducted using the same mining equipment types as currently used. This includes open cut mining with a dragline and truck and excavator fleets. Key associated activities to be undertaken as part of the K2E Project within the K2E ASA will be the construction of transport infrastructure (i.e. extension of the existing mine haul road, light vehicle road network), extension of the existing mine water management system, extension of the existing internal electrical transmission network for mine equipment, establishment of communication network requirements and erection of a perimeter fence.

For efficiency and to minimise disturbance, all other associated infrastructure required for mining of the K2E ASA will be sourced from the existing operations at Meandu Mine. Coal handling and preparation and disposal of waste and mined materials will remain unchanged from current operations.

The approved annual extraction rate under EA EPML00709113 for run of mine (ROM) coal from the Meandu Mine is no more than 11.0 million tonnes per annum (Mtpa). The addition of the K2E ASA to Meandu Mine will secure the coal supply for the expected life of the Tarong and Tarong North power stations (Tarong power stations) and will not increase the annual production rates of the mine. The resource to be extracted within the K2E ASA is to be transported to the neighbouring Tarong power stations to be used as fuel for power generation, using the same equipment types, processing and transport methods as are currently used.

The proposed commencement of mining operations within the K2E ASA is within calendar year 2024.

#### 1.6.1 Pre-mining activities within the K2E ASA (approximate timing 2022-2023)

Prior to the commencement of mining activities for the K2E ASA, the following activities will be undertaken, both of which are outside the scope of the approvals for the K2E Project:

- relocation of the existing Powerlink Feeder 831 275 kV transmission line; and
- harvesting of commercially viable plantation timber by HQPlantations.

The activities required to be undertaken as part of the approvals for the K2E Project prior to commencing mining operations in the K2E ASA include:

- permanent closure of Ridge Road;
- clearing of the remaining vegetation within the K2E ASA by TEC Coal or its contractors;
- staged topsoil stripping in advance of mining; and
- erection of a perimeter fence around the K2E ASA boundary and connecting it to the existing fence line around
   Meandu Mine (the section of the existing perimeter fence adjacent to the K2E pit will also be removed).

#### 1.6.2 Mining operations (approximate timing 2024 – 2037/39)

Mining in the proposed K2E ASA will be conducted using the same mining equipment types as currently used for existing mining operations. This includes open-cut mining with a dragline and truck and excavator fleets. All material at Meandu Mine is blasted, with the exception of the overlying Tertiary sediments. Blasted and free-dug spoil material from the K2E ASA will be transported to in-pit and out-of-pit overburden emplacement areas in accordance with current approved practices at the Meandu Mine. No out-of-pit overburden emplacement areas are proposed within the K2E ASA.

The K2E ASA will not alter the way mine waste materials (i.e. waste rock, rejects and tailings) are dealt with and disposed of at the Meandu Mine or the way coal combustion products (ash) from the Tarong power stations are stored at the Meandu Mine. As the K2E Project is within the same geology and coal seams as the existing mining operations, the waste rock has similar geochemical characteristics to the waste rock already being mined and managed on-site.

#### 1.6.3 Rehabilitation and decommissioning (approximate timing 2037 onwards)

Rehabilitation requirements and management practices for the K2E Project will be the same as those observed and planned for the existing Meandu Mine operation. TEC Coal is committed to progressive and quality rehabilitation outcomes at Meandu Mine. Progressive rehabilitation has occurred at Meandu Mine since 1985. Currently there is over 591 ha of rehabilitation on the mine site ranging in age from 1 year to approximately 25 years. This represents a completion rate of approximately 27 percent.

For rehabilitated land at the Meandu Mine, TEC Coal has adopted the four general (final) rehabilitation goals as set out by the *Queensland Government in the Guideline Resource Activities: Rehabilitation requirements for mining resource activities* (DES, 2018) and also as required by Condition G3 of EA EPML00709113:

- 1 safe to humans and wildlife;
- 2 non-polluting;
- 3 stable: and
- 4 able to sustain the final land use.

The K2E ASA will be managed in accordance with the current rehabilitation practices at the existing Meandu Mine. Rehabilitation activities will therefore continue to generally include:

- landform preparation of nominated areas to the required slope and profile;
- installation of contour banks for erosion control;
- topsoiling using direct placement (where practicable) or respreading of previously stockpiled topsoil; and
- deep ripping and seeding with species to achieve diversity and abundance criteria as outlined in the EA.

The location, timing and success criteria of rehabilitation activities are governed by Meandu Mine EA Conditions (EPML00709113) and will be outlined in the Meandu Mine Progressive Rehabilitation and Closure Plan (PRCP).

Post-mining land uses for the Meandu Mine as permitted under Schedule G of EA EPML00709113 for the Meandu Mine are:

- Native Ecosystem;
- Creek Diversion:
- Beef Cattle Grazing;
- Plantation Forestry;
- Water Storage;
- Landholder Retained Infrastructure; and
- Steep Rocky Ecosystem.

Post-mining land uses proposed for the K2E ASA are predominantly Water Storage, Steep Rocky Ecosystem and Native Ecosystem.

## 2 Regional interests

## 2.1 Regional interests defined by the Regional Planning Interest Act 2014

The RPI Act identifies and protects areas in Queensland that are of regional interest. Four areas of regional interest are identified:

- A **priority agricultural area** (**PAA**) (relevant to the K2E ASA);
- A priority living area (PLA);
- A strategic cropping area (SCA); and
- A strategic environmental area (SEA).

The RPI Act is supported by the RPI Regulation and administered by the Department of State Development, Infrastructure, Local Government and Planning (DSDILGP).

A RIDA application is triggered under Part 3 of the RPI Act if a resource activity or regulated activity has an *impact* on an area of regional interest. An impact is defined under section 27 of the RPI Act as follows:

A resource activity or a regulated activity has an impact on an area of regional interest if the impact—

- (a) affects—
  - (i) a feature, quality, characteristic or other attribute of the area; or
  - (ii) the suitability of land in the area to be used for a particular purpose; and
- (b) relates to a matter mentioned in the following—
  - (i) for a priority agricultural area—section 8(1)(a); (relevant to the K2E ASA)
  - (ii) for a priority living area—section 9(b);
  - (iii) for the strategic cropping area—section 10(1);
  - (iv) for a strategic environmental area—section 11(1)(a).

Section 8(1)(a) of the RPI Act states that a PAA is an area that:

(a) includes 1 or more areas used for a **priority agricultural land use**, whether it also includes other areas or features, including, for example, a regionally significant water source.

A priority agricultural land use (PALU) is defined under section 8(2) of the RPI Act as follows:

- (2) A priority agricultural land use is highly productive agriculture—
  - (a) of a type identified in a regional plan for an area of regional interest; or
    - (b) of a type prescribed under a regulation for an area of regional interest.

In response to section 8 (2)(a) above, the Darling Downs Regional Plan 2013 is the applicable regional plan for this application and identifies the PALUs that apply to the region. Further details are provided in Section 2.2.

In relation to section 8 (2)(b), the RPI Regulation does not prescribed specific PALUs. Therefore, the PALUs listed under the Darling Downs Regional Plan 2013 apply to this application.

## 2.2 Regional interests under the Darling Downs Regional Plan2013

The K2E Project is located within the Darling Downs Regional Planning area as shown in Figure 1.1. A search of the Development Assessment Mapping System (DSDILGP, 2021) identifies that the K2E ASA is within a PAA (refer to Figure 2.1). No PLAs, SCAs or SEAs are mapped as occurring within the K2E ASA or within a 1 km buffer area of the K2E ASA.

The township of Yarraman is located approximately 6 km from approved mining activities and is mapped as a PLA. SCAs are also mapped as occurring outside of the Yarraman State Forest (refer Figure 2.1). The Wide Bay Burnett Regional Plan 2011 adjoins the proposed K2E ASA but does not apply to this application as the K2E ASA does not fall within this regional planning area (i.e. Ridge Road which is jointly managed by Toowoomba Regional Council (Darling Downs Regional Planning area) and South Burnett Regional Council (Wide Bay Burnett Regional Planning area) forms the western boundary of the K2E ASA). There are also currently no mapped regional interests under the Wide Bay Burnett Regional Plan 2011 within the boundary of the ML6674 area and none are likely to be included in the revisions to this plan (which is currently being updated) as the predominant land use within the portion of ML6674 covered by the Wide Bay Burnett Regional Plan is the operational Meandu Mine.

#### 2.2.1 Priority agricultural areas

PAAs recognise land that contains highly productive PALUs. PALUs are classified according to the Australian Land Use Management (ALUM) classification (the current version of which is Version 8) (Australian Bureau of Agriculture and Resource Economics and Sciences, 2016). For the purposes of the Darling Downs Regional Plan 2013, a PALU means a land use included in the following ALUM classifications (Version 7):

- Class 3.3 (Cropping);
- Class 3.4 (Perennial horticulture);
- Class 3.5 (Seasonal horticulture);
- Class 4 (Production from Irrigated Agriculture and Plantations); and
- Class 5.1 (Intensive horticulture).

These land use classifications are consistent between Version 7 and the current Version 8 of the ALUM classification.

Table 2.1 outlines the land uses that comprise each of the above listed land use classes.

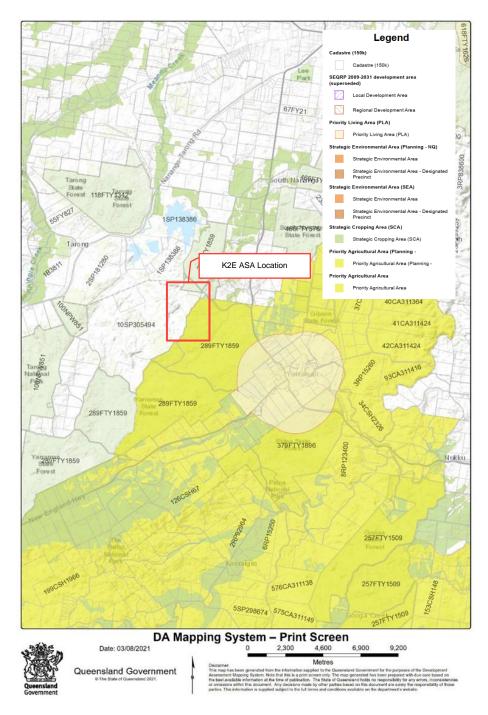


Figure 2.1 Mapped areas of regional interest within the vicinity of the K2E ASA

Source: DSDILGP, 2021

Table 2.1 Australian Land Use and Management Classifications

CLASS	LAND USES
Class 3 Production from dryland	Class 3.3 (Cropping): 3.3.1 Cereals; 3.3.2 Beverage and spice crops; 3.3.3 Hay and silage; 3.3.4 Oil seeds; 3.3.5 Sugar; 3.3.6 Cotton; 3.3.7 Alkaloid poppies; 3.3.8 Pulses
agriculture and plantations	Class 3.4 (Perennial horticulture): 3.4.1 Tree fruits; 3.4.2 Olives; 3.4.3 Tree nuts; 3.4.4 Vine fruits; 3.4.5 Shrub berries and fruits; 3.4.6 Perennial flowers and bulbs; 3.4.7 Perennial vegetables and herbs; 3.4.8 Citrus; 3.4.9 Grapes
	Class 3.5 (Seasonal horticulture): 3.5.1 Seasonal fruits; 3.5.2 Seasonal flowers and bulbs; 3.5.3 Seasonal vegetables and herbs
Class 4 Production from irrigated agriculture and plantations	Class 4.1 (Irrigated plantation forestry): 4.1.1 Irrigated hardwood plantation forestry; 4.1.2 Irrigated softwood plantation forestry; 4.1.3 Irrigated other forest plantation; 4.1.4 Irrigated environmental forest plantation
	<b>4.2 (Grazing irrigated modified pastures):</b> 4.2.1 Irrigated woody fodder plants; 4.2.2 Irrigated pasture legumes; 4.2.3 Irrigated legume/grass mixtures; 4.2.4 Irrigated sown grasses
	<b>4.3</b> ( <b>Irrigated cropping</b> ): 4.3.1 Irrigated cereals; 4.3.2 Irrigated beverage and spice crops; 4.3.3 Irrigated hay and silage; 4.3.4 Irrigated oil seeds; 4.3.5 Irrigated sugar; 4.3.6 Irrigated cotton; 4.3.7 Irrigated alkaloid poppies; 4.3.8 Irrigated pulses; 4.3.9 Irrigated rice
	<b>4.4</b> ( <b>Irrigated perennial horticulture</b> ): 4.4.1 Irrigated tree fruits; 4.4.2 Irrigated olives; 4.4.3 Irrigated tree nuts; 4.4.4 Irrigated vine fruits; 4.4.5 Irrigated shrub berries and fruits; 4.4.6 Irrigated perennial flowers and bulbs; 4.4.7 Irrigated perennial vegetables and herbs; 4.4.8 Irrigated citrus; 4.4.9 Irrigated grapes
	<b>4.5</b> ( <b>Irrigated seasonal horticulture</b> ): 4.5.1 Irrigated seasonal fruits; 4.5.2 Irrigated seasonal flowers and bulbs; 4.5.3 Irrigated seasonal vegetables and herbs; 4.5.4 Irrigated turf farming
	4.6 (Irrigated land in transition)
	4.6.1 Degraded irrigated land; 4.6.2 Abandoned irrigated land; 4.6.3 Irrigated land under rehabilitation; 4.6.4 No defined use (irrigation); 4.6.5 Abandoned irrigated perennial horticulture.
Class 5 Intensive uses	( <b>5.1 Intensive horticulture</b> ): 5.1.1 Production nurseries; 5.1.2 Shadehouses; 5.1.3 Glasshouses; 5.1.4 Glasshouses (hydroponic); 5.1.5 Abandoned intensive horticulture

The Queensland Land Use Mapping Program (QLUMP) maps land use according to the ALUM classification. A search of the QLUMP mapping database identifies the K2E ASA as Plantation Forestry and Production Native Forest (DES, 2021), as shown in Figure 2.2. The QLUMP maintains a "current" land use layer, which presents the most recent mapping of land use features for Queensland and includes land use mapping products from 2011, 2012, 2013, 2015, 2016 and 2017 in a single layer. The dataset was last updated in June 2019. Specifically, land uses within the K2E ASA are mapped in the State-wide interactive land use map as:

- Plantation Forestry Class 3.1 Production from dryland agriculture and plantations (2013 dataset); and
- Production Native Forest Class 2.2 Production from relatively natural environments (2017 dataset) (State of Queensland, 2019).

The closest mapped PALUs as listed under the Darling Downs Regional Plan 2013 to the K2E ASA are:

- areas of Class 3.3 Cropping along the New England Highway (within the Yarraman Creek Catchment) and to the north-east of the K2E ASA outside of the Yarraman State Forest (within the Rocky Creek Catchment) (refer Figure 2.2) which align with the mapped SCA on Figure 2.1; and
- areas of Class 4.4 and 4.5.3 Production from irrigated agriculture and plantations to the south of the New England Highway within the Yarraman Creek Catchment (refer Figure 2.2).

03/08/2021 12:57:32 Lot: 289 Plan: FTY1859

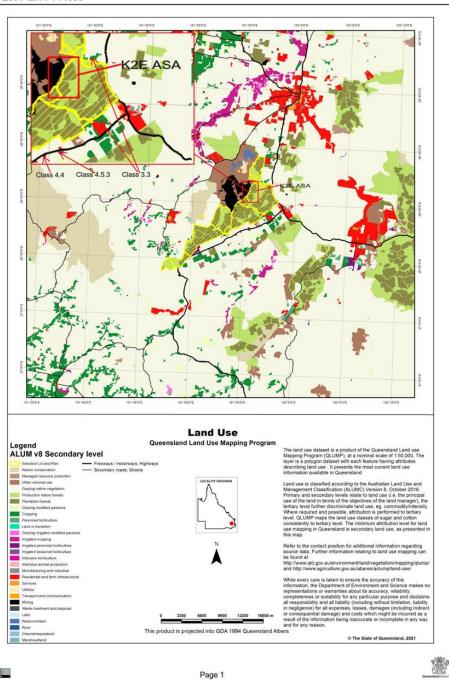


Figure 2.2 Queensland Land Use Mapping Classifications within the vicinity of the K2E ASA

Source: DES, 2021

#### 2.3 Regional interests affected by the K2E Project

Based on the information provided in Sections 2.1 and 2.2, a summary of the mapped regional interests relevant to the K2E Project is provided below:

- The K2E ASA is located within a PAA under the Darling Downs Regional Planning area.
- PALUs listed under Darling Downs Regional Plan 2013, include Class 3.3 (Cropping), Class 3.4 (Perennial horticulture), Class 3.5 (Seasonal horticulture), Class 4 (Production from Irrigated Agriculture Plantations) and Class 5.1 (Intensive horticulture).
- The land uses mapped within the K2E ASA, as per the QLUMP mapping database, are Plantation Forestry and Production Native Forest.
- The closest mapped PALUs as listed under the Darling Downs Regional Plan to the K2E ASA are the Class 3.3
   Cropping areas approximately 1.5 km to the north-east of the K2E ASA.

#### 2.4 Land use impacts

The proposed K2E Project will impact on a State Forest (Yarraman State Forest), comprising plantation forestry, which forms part of the Queensland forest and timber industry. The RPI Act Statutory Guideline 01/14 (DSDMIP, 2019a) requires a description of the impact of the proposed activities on the feature, quality and characteristic of the area.

A summary of the potential K2E Project impacts to the State Forest attributes is summarised in Table 2.2 and illustrated in Figure 2.4.

Table 2.2 Project impacts to forestry attributes

#### FORESTRY ATTRIBUTE

#### Feature:

The vegetation types within the K2E ASA comprise both native ecosystem and softwood and hardwood plantation forestry, which has been field verified by suitability qualified specialists from WSP in May and August 2019 (refer Figure 2.3). Findings are summarised below:

- Native ecosystem:
  - Low microphyll vine forest and semievergreen vine thicket +/- Araucaria cunninghamii (RE12.5.13c); and
  - Microphyll vine forest +/- Araucaria cunninghamii (RE12.11.11).
- Plantation forestry:
  - Hoop Pine plantation (non-remnant) (139.5 ha):
  - Juvenile hardwood plantation (non-remnant)(13 ha); and
- Exotic / native shrubby grasslands and bare earth tracks (non-remnant) (17.5 ha).

#### PROJECT IMPACT

The extent of impact from the K2E Project to native ecosystems is 17.7 ha. The impacts to this vegetation and their associated ecological values are being addressed through the State EA Amendment and Commonwealth EPBC Act Referral approval processes and will be managed according to the relevant statutory requirements and guidelines.

Compensation agreements will be negotiated with the relevant landowners and occupiers for the impact to the State Forest and plantation forestry (refer Section 2.4.1).

#### **FORESTRY ATTRIBUTE**

#### Quality:

The plantation area is an active forestry operation, which harvests wood for sawn timber, plywood reconstituted panels and woodchip products for domestic and international markets (HQPlantations, 2019). As noted previously, the K2E ASA contains both hoop pine and juvenile hardwood plantation forestry resources.

#### **PROJECT IMPACT**

The K2E Project will change the current land use from State forest/plantation to coal mining land use, resulting in the loss of 187.7 ha of State Forest, of which, 152.5 ha is plantation area.

This represents approximately 3.8% of the plantation area managed by HQPlantations in the Yarraman State Forest of 4.001 ha.

Compensation agreements will be negotiated with the relevant landowners and occupiers (refer Section 2.4.1).

Historically, Meandu Mine has adjoined the Yarraman State Forest directly with no reported amenity or operational impacts to the plantation forestry. The State Forest in the area of Meandu Mine is relatively low use and generally unoccupied for the most part, with the exception of HQPlantation's planting, thinning or harvesting activities. Furthermore, the risk of amenity impacts on surrounding land uses are suitably regulated under the EP Act, the site's EA (EPML00709113) and the MR Act.

#### Characteristics

#### Forestry access:

- A number of forestry access tracks are located within the K2E ASA (refer Figure 2.3). These tracks are used by HQPlantations to carry out their plantation activities as well as other users such as the general public, fire emergency services and Powerlink (to gain access to nearby transmission line infrastructure). Primary access to the greater plantation area is via the D'aguilar Highway, Tarong Power Station Road and Tarong-Yarraman Road.
- Ridge Road forms the western boundary of the K2E ASA, which runs in a general north to south direction before dissecting the southern part of the K2E ASA in a north-west to south-east direction.

## The K2E Project will require a number of existing access tracks to be closed to allow for the proposed resource activity to be carried out. This will not result in any area of plantation forestry to be land locked. Primary access to the greater plantation area within the Yarraman State Forest will be retained.

The K2E Project requires the permanent closure of a 3.3 km section of Ridge Road. Ridge Road is jointly managed by Toowoomba Regional Council and South Burnett Regional Council, with the local government area boundary located at the centre of the road reserve.

Both Toowoomba Regional Council and South Burnett Regional Council as well as HQPlantations have noted their in-principle agreement to this road closure or any temporary road closures that may be required.

An application to the Department of Resources will be lodged separately for approval to permanently close a portion of Ridge Road under Section 99 of the *Land Act 1994*.

#### Existing structures:

There are no existing structures associated with forestry activities within the plantation area of the K2E ASA. However, there is an existing transmission line that adjoins the plantation to the west, which runs parallel with Ridge Road.

No impact proposed as there are no plantation structures within the K2E ASA. The adjoining transmission line is proposed to be relocated as part of separate drivers and approval processes. This is being completed in conjunction with Powerlink Queensland. As noted above a 3.3 km segment of Ridge Road within the K2E ASA will also be permanently closed.

#### **FORESTRY ATTRIBUTE**

#### Existing waterways / water resources:

- A number of mapped minor waterways (regulated under the Fisheries Act) and minor drainage paths, (regulated under the Water Act) are located within the plantation area of the K2E ASA (refer Figure 2.4).
- The headwaters and tributaries of Rocky Creek (including those that occur in the K2E ASA) are not mapped as watercourses under the Water Act and, based on email advice from the former Department of Natural Resources, Mines and Energy (now Department of Resources) (email correspondence 10 September 2020) would be considered unnamed drainage lines. Rocky Creek downstream from ML6674 is mapped as a watercourse.
- The creeks near the K2E ASA in the Brisbane River sub-basin (Rocky Creek and Yarraman Creek) are ephemeral and persistently dry.

#### **PROJECT IMPACT**

Potential residual impacts to downstream surface water resources (in terms of flow and water quality) as a result of the K2E Project have been assessed as low and will be managed in accordance with current conditions in EA EPML00709113.

A detailed assessment of the potential impacts to surface water resources from the K2E Project has been undertaken and reported as part of the State EA Amendment Application and Commonwealth EPBC Act Referral approval processes. This assessment determined that the residual impact to downstream surface water resources (in terms of both flow and water quality) as a result of the K2E Project was low and could be managed in accordance with current conditions in EA EPML00709113.

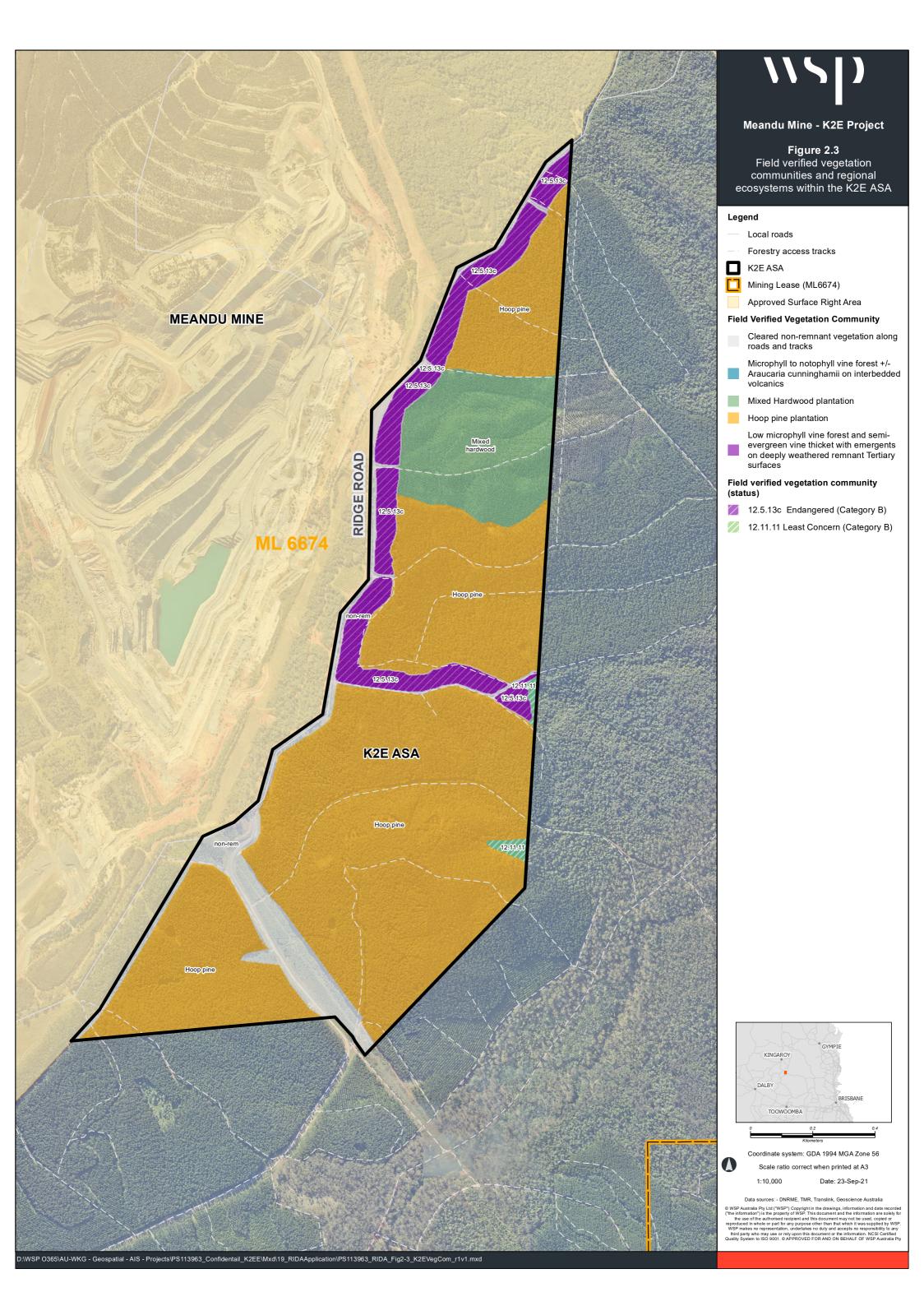
A 3-dimensional numerical groundwater model was created to investigate groundwater level drawdown associated with the K2E Project. Based on data available from the Department of Resources Groundwater Database, there are no existing registered groundwater bores in the zone of predicted drawdown impact. It is therefore concluded that there are no existing registered groundwater bores that could be impacted by the K2E Project. The K2E Project was also assessed as not posing a significant risk either through direct or indirect releases to groundwater that may impact on groundwater quality in the area of existing groundwater bores.

A targeted bore census is being undertaken of selected properties to the south of the Meandu Mine.

#### 2.4.1 Compensation agreements

Having compensation agreements in place with the relevant landowners and occupiers is a statutory requirement of the MR Act. The following compensation agreements are required for the K2E Project:

- DES (Queensland Parks and Wildlife Services and Partnerships (QPWS)) which is responsible for the custodial, regulatory and most non-commercial aspects of the management of State-owned native forests.
- HQPlantations as holders of the plantation licence for Yarraman State Forest.
- DAF which is responsible for managing State native forestry production and the sale of State quarry material from
  State forests, timber reserves and other relevant lands across Queensland under the *Forestry Act 1959*; and
  administering compliance with HQPlantations plantation licence over plantation forests on State land.
- Toowoomba Regional Council and South Burnett Regional Council as the local councils responsible for the public roads within the K2E ASA.



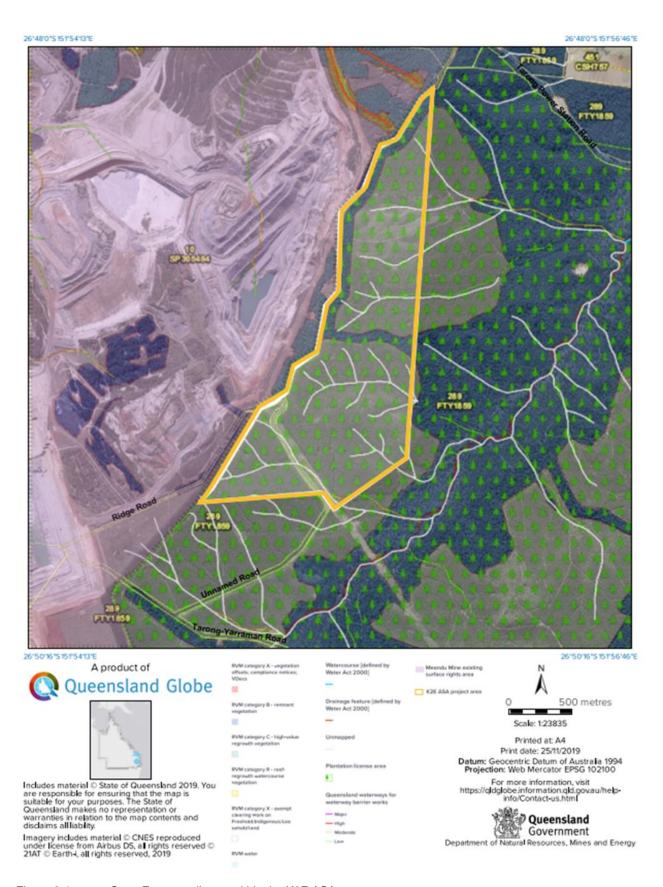


Figure 2.4 State Forest attributes within the K2E ASA

### 3 Assessment criteria

This section provides a response to the relevant assessment criteria required to be addressed by this application.

#### 3.1 Required outcomes

Schedule 2, Part 2 of the RPI Regulation identifies the assessment criteria to be addressed for activities that are to be carried out on a property within a PAA. The following Required Outcomes are identified under the PAA Assessment Criteria:

Required Outcome 1:

The activity will not result in a material impact on the use of the property for a PALU.

#### Required Outcome 2:

The activity will not result in a material impact on the region because of the activity's impact on the use of the land in the PAA for 1 or more PALUs.

#### 3.1.1 Applicability of required outcomes

The RPI Act Statutory Guideline 02/14 – Carrying out resource activities in a Priority Agricultural Area (Guideline no. 02/14) (DSDMIP, 2019b) requires that the K2E Project demonstrate compliance with only the relevant Required Outcome. Required Outcome 1 is applicable to projects where the application is located over one property, while Required Outcome 2 applies where the application is over more than one property. The term 'property' is defined under the RPI Act and refers to land managed as a single agricultural enterprise or owned by the same person and does not include any road or watercourse between any of the lots. Based on this, the proposed K2E ASA is located over one property, being Lot 289 on FTY 1859. As such, assessment of the Project's compliance with Required Outcome 1 is required.

#### 3.2 Prescribed solutions for Required Outcome 1

The prescribed solutions for assessing the K2E Project against the Required Outcome 1 is provided below:

Prescribed Solution 1:

The application demonstrates the activity will not be located on land in a PAA that is used for a PALU.

#### Prescribed Solution 2:

*The application demonstrates—* 

- a) if the applicant is not the owner of the land and has not entered into a voluntary agreement with the owner—
  - (i) the applicant has taken all reasonable steps to consult and negotiate with the owner about the expected impacts of carrying out the activity on each PALU for which the land is used; and
  - (ii) carrying out the activity on the property will not result in a loss of more than 2 per cent of both—
    - (A) the land on the property used for a PALU; and
    - (B) the productive capacity of any PALU on the property.

#### 3.2.1 Applicability of prescribed solutions

The RPI Act Statutory Guideline No. 02/14 (DSDMIP, 2019b) provides guidance on how to address the prescribed solutions. Prescribed Solution 1 is applicable to projects where application can demonstrate the proposed activity is not located on land in a PAA that is used for a PALU, while Prescribed Solution 2 applies where the proposed activity is located on land in a PAA that is used for a PALU.

Prescribed Solution 1 applies to this application and an assessment against this assessment criteria is provided in Section 4 of this report.

## 4 Assessment against Prescribed Solution 1

#### 4.1 Prescribed Solution 1

The application demonstrates the activity will not be located on land in a PAA that is used for a PALU.

The RPI Act Statutory Guideline No. 02/14 (DSDMIP, 2019b) details the criterion for establishing that the proposed activity will not be carried out on land that is considered a PALU. Under Prescribed Solution 1 an assessment must determine the PALU status by considering whether the land or property has, for at least three years during the 10 years immediately before an assessment application in relation to the land is made, has been used for a PALU.

The proposed K2E ASA is identified as PAA under the Darling Downs Regional Plan 2013 where PALUs are to be supported as a priority. Under the Darling Downs Regional Plan, PALUs refer to a land use included in the following ALUM Classifications (Version 7, May 2010, published by the Department of Agriculture, Fisheries and Forestry ABARES):

- Class 3: Production from dryland agriculture and plantations:
  - 3.3 (Cropping);
  - 3.4 (Perennial horticulture); and
  - 3.5 (Seasonal horticulture).
- Class 4: (Production from Irrigated Agriculture and Plantations):
  - 4.1.0 Irrigated plantation forestry;
  - 4.2.0 Grazing irrigated modified pastures;
  - 4.3.0 Irrigated cropping;
  - 4.4.0 Irrigated perennial horticulture;
  - 4.5.0 Irrigated seasonal horticulture; and
  - 4.6.0 Irrigated land in transition.
- Class 5: Intensive uses:
  - 5.1 (intensive horticulture).

As noted earlier, these ALUM classifications align with those listed under the current version of the ALUM (Version 8).

The proposed K2E ASA is currently designated as State Forest and used for plantation forestry (Hoop Pine and mixed hardwood plantation), as mapped by the QLUMP (refer Figure 2.2). As such, the most relevant of the above-listed classes to the K2E ASA is Class 4 (Production from irrigated agriculture and plantations), particularly 4.1 Irrigated plantation forestry (refer Table 2.1 of this report for details). Dryland plantation forestry is classified as Class 3.1 in the ALUM Classification, which is not listed as a PALU in the Darling Downs Regional Plan.

Other potential land uses that could occur within State Forest areas that have been considered in this assessment are grazing on irrigated modified pastures (Class 4.2) given that plantation forests managed by HQPlantations are at times used for stock grazing activities. Non-irrigated grazing of managed pastures is classified as Class 3.2 in the ALUM Classification and is also not listed as a PALU in the Darling Downs Regional Plan. Consideration has also been given to apiary activities.

To establish whether a PALU has occurred on the proposed K2E ASA the focus of the assessment has been to determine whether:

- the existing plantation forestry has been irrigated (and therefore falls under the land use category of Class 4.1), refer
   Section 4.2 (Plantation forestry) of this report for further details; and
- the land has been used for any other PALU in the last 10 years, refer to Section 4.3 (grazing on irrigated modified pasture) and Section 4.4 (apiary) of this report for further details.

A summary of compliance against the assessment criteria for Prescribed Solution 1 is provided in Section 4.5.

#### 4.2 Plantation forestry

The Yarraman State Forest was declared in 1901 (DES, 2019) and has been protected as State Forest since that time. HQPlantations Pty Ltd (HQPlantations) are the holder of a plantation licence over the portion of State Forest the subject of this application. HQPlantations manage, harvest and re-grow plantation timber in Yarraman State Forest for sawn timber, plywood, reconstituted panels and woodchip products (HQPlantations, 2019).

Although plantation pine is regularly harvested at the Yarraman State Forest, the proposed K2E ASA has not been subject to recent harvesting activities. Figure 4.1 along with Photographs 4.1 and 4.2 (both of which were taken in August 2019 for studies associated with the Meandu Mine EA amendment application) confirms that the proposed K2E ASA is extensively covered by well-established vegetation.

The vegetation types that have been field verified within the K2E ASA are native ecosystems comprising semi-evergreen vine thicket and dry rainforest (RE12.5.13c and RE12.11.11) as well as plantation forestry (comprising hoop pine plantation, juvenile hardwood plantation) and exotic / native shrubby grasslands and bare earth tracks (as listed in Table 2.2 of this report) and illustrated in Photos 4.1 and 4.2.



Figure 4.1 Aerial of proposed K2E ASA illustrating current vegetation coverage 2021

Source: State of Queensland 2021 (Queensland Globe)



Photo 4.1 Hoop Pine plantation along forestry track (2019)



Photo 4.2 Native ecosystem (2019)

Historical aerial photography of the proposed K2E ASA for the years 1972, 1982 and 2006 is provided in Figure 4.2, Figure 4.3 and Figure 4.4 respectively. This historical aerial photography illustrates that the proposed K2E ASA has been used for plantation forestry since (at least) 1982, prior to which it was native vegetation. The Hoop Pine species is identified as being a long rotation crop of between 40 and 50 years. HQPlantations have advised that planting dates for the current crop within the Yarraman State Forest range from 1970 to 2015. Written correspondence from HQPlantations on this matter is provided in Appendix B.

Historical aerial photographs of the Meandu Mine site (including the K2E ASA) for the period 2011 to 2016 as well as aerial imagery from Queensland Globe (Planet) 2017 are also included in Appendix C. This imagery demonstrates that in the preceding 10 year period prior to this application, the sole land use of the K2E ASA has been for plantation forestry. This imagery also illustrates that clearing and planting works for the hardwood plantation within the K2E ASA occurred around 2015.

The *Forest Stewardship Plan* February 2019 (HQPlantations 2019) details the operational procedures for managing State Forests. Section 8 of the plan outlines the plantation operations and does not state that irrigation is a component of the process and this supports a conclusion that the Yarraman State Forest is a dryland plantation. HQPlantations has also confirmed that the forestry plantations within the K2E ASA have never been irrigated (refer to Appendix B).

Based on this it is concluded the K2E ASA has been used for dryland plantation forestry production (Hoop Pine and mixed hardwood) for at least the last 10 years, which is not considered a PALU under the Darling Downs Regional Plan.

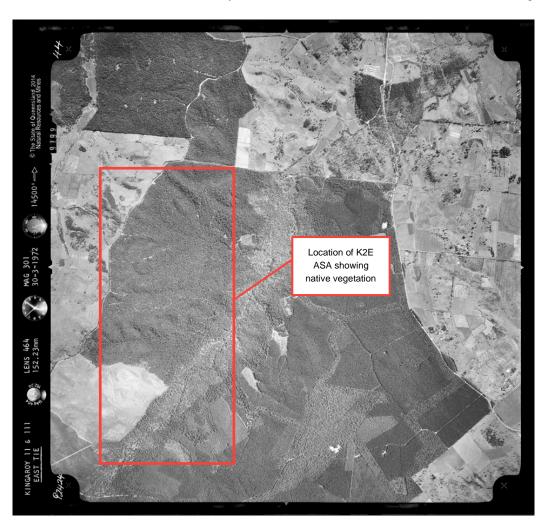


Figure 4.2 Historical aerial photography of the K2E ASA – 1 March 1972

Source: State of Queensland 1972 (QAP 2424, Frame No. 44)



Figure 4.3 Historical aerial photography of the K2E ASA – 1 May 1982

Source: State of Queensland 1982 (QAP 4004, Frame No. 6451)

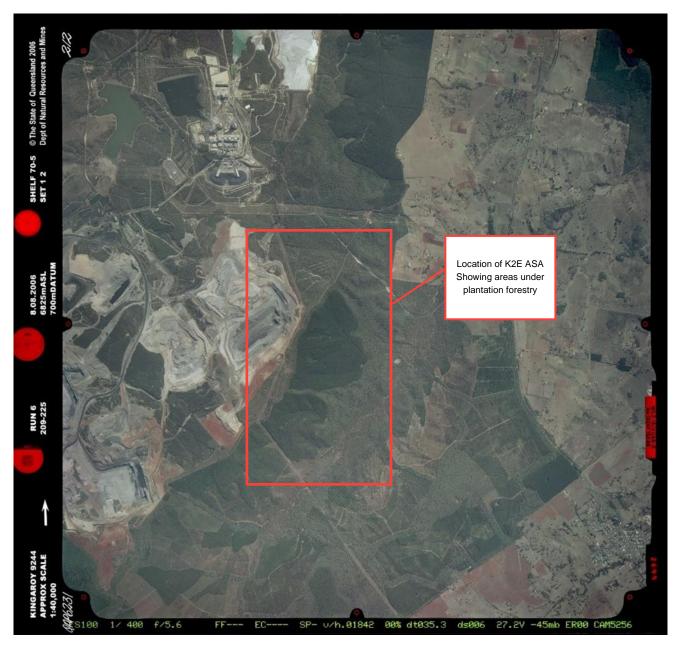


Figure 4.4 Historical aerial photography of the K2E ASA – 8 August 2006

Source: State of Queensland 2006 (QAP 6231, Frame No. 212)

#### 4.3 Grazing on irrigated modified pastures

Another PALU specific to the PAAs mapped in the Darling Downs Regional Plan 2013 is Class 4.2 Grazing irrigated modified pastures.

The proposed K2E ASA is extensively covered by plantation forestry (Hoop Pine and mixed hardwood) plantation with a dense understorey of Lantana. No irrigated modified pastures as defined under ALUM Class 4.2 (i.e. 4.2.1 Irrigated woody fodder plants; 4.2.2 Irrigated pasture legumes; 4.2.3 Irrigated legume/grass mixtures; 4.2.4 Irrigated sown grasses) occur within the K2E ASA. As confirmed by HQPlanations, the K2E ASA is not, and has never been irrigated. Whilst plantation forests managed by HQPlantations are at times used for stock grazing activities, HQPlantations have confirmed that no stock are present within the area of the K2E ASA (and have not been for an extended period of time).

In addition, the density of the Lantana understorey within the plantation forestry further confirms that grazing activities have not occurred in this area in recent times. With respect to PALUs, no areas of irrigated pasture occur within the K2E ASA.

#### 4.4 Apiary

The Queensland Government issues apiary permits to undertake beekeeping activities in State Forests under Section 35(1) of the *Forestry Act 1959*. The Queensland Government mapping relating to apiary sites does not identify the Yarraman State Forest as being subject to any permits (State of Queensland 2021).

In recent years a number of land use and ecological surveys have been undertaken within the proposed K2E ASA to support the assessment undertaken for the EA amendment application, the most recent undertaken by WSP in 2019 (and submitted to DES as part of the EA amendment application). None of these surveys identified bee hives within the K2E ASA area or its immediate surrounds.

It is therefore considered highly unlikely that the plantation forestry within the proposed K2E ASA and Yarraman State Forest would support apiary activities.

#### 4.5 Summary of compliance against assessment criteria for Prescribed Solution 1

Section 4.2 to Section 4.4 above has demonstrated that the K2E ASA complies with Prescribed Solution 1 for Required Outcome 1. The activity will not result in a material impact on the use of the property for a PALU based on the following factors:

- The plantation forestry area is not, and has never been, irrigated, confirmed by HQPlantations (refer to Appendix B), who are the plantation licence holder. Historical aerial photography (Figure 4.2, Figure 4.3 and Figure 4.4 and Appendix C) illustrate that the majority of land within the K2E ASA has been used for plantation (Hoop Pine and mixed hardwood) for at least the last ten years, which is considered to be Class 3.1 (Plantation Forestry) under the ALUM classifications and not considered a PALU under the Darling Downs Regional Plan. The land use within the proposed K2E ASA does not meet the land use class of Class 4.1 (Irrigated Plantation Forests), and therefore does not meet the definition of a PALU, as defined under the Darling Downs Regional Plan.
- The land subject to this application has not been used for any other PALU (i.e. grazing on irrigated modified pastures
  or apiary activities) in the last 10 years, based to the following assessment:
  - no irrigated pastures as defined under ALUM Class 4.2 occur within the K2E ASA. As confirmed by HQPlantation, the K2E ASA is not, and has never, been irrigated.
  - Whilst plantation forests managed by HQPlantations are at times used for stock activities, HQPlantations have confirmed that no stock are present within the K2E ASA has not been grazed for an extended period of time (well in excess of 10 years).
  - the density of Lantana understorey within the plantation forestry further confirms that the proposed K2E ASA does not support grazing land use; and
  - there are no apiary permits registered within the Yarraman State Forest and no bee hives were identified during the recent field surveys, completed in 2019.

It has been concluded that this application is consistent with Required Outcome 1 and Prescribed Solution 1 under the RPI Act, whereby the activity will not result in a material impact on the use of the property for a PALU.

#### 4.6 Potential impact on surrounding PALUs

The closest mapped PALUs as listed under the Darling Downs Regional Plan 2013 to the K2E ASA are:

- areas of Class 3.3 Cropping along the New England Highway (within the Yarraman Creek Catchment) and to the north-east of the K2E ASA outside of the Yarraman State Forest (within the Rocky Creek Catchment) (refer Figure 2.2) which align with the mapped SCA on Figure 2.1; and
- areas of Class 4.4 and 4.5.3 Production from irrigated agriculture and plantations to the south of the New England Highway within the Yarraman Creek Catchment (refer Figure 2.2).

These PALUs are not affected by development of the K2E ASA either through direct land use changes or impacts to water resources which may support these PALUs. As part of both the State and Commonwealth approval process for the K2E Project, an assessment of the potential impacts from the K2E Project to surrounding water resources (both surface and groundwater) was undertaken. This assessment determined that the K2E Project will not directly or indirectly result in:

- a substantial change to the hydrology of a water resource; or
- a substantial change in water quality of a water resource.

The K2E Project was therefore determined to be unlikely to have a significant impact on surrounding water resources.

In particular, with respect to these mapped PALUs, the K2E ASA is on a ridgeline and surface water naturally drains to the east and south-east towards Rocky Creek. As such, the mapped Class 3.3 Cropping land use to the north-east of the K2E ASA within the Rocky Creek catchment will be unaffected by changes to surface water flows and quality from the K2E Project. The other PALUs are located within the Yarraman Creek Catchment which will not experience surface water impacts from the proposed K2E Project. Numerical groundwater modelling predicts that while groundwater drawdown will extend to the south of the K2E ASA, it will not extend to Yarraman Creek or known registered groundwater bores. As such, the potential for the K2E Project to impact on known groundwater resources to the south and/or east of the K2E ASA have been assessed as unlikely.

As neither the hydrology nor water quality of surrounding water resources will be significantly affected by the K2E Project, it is therefore concluded that the land used for PALUs surrounding the K2E ASA (as mapped) are therefore unlikely to be impacted by development of the K2E Project.

As such there are no affected landowners other than the State of Queensland (represented by DES who owns the land), HQPlantations (who hold a plantation licence over the land) and Toowoomba and South Burnett regional councils (who are trustees of the road reserve) who would be affected by the resource activity. As noted in Section 2.4.1, Stanwell are currently in the process of finalising compensation agreements with these landowners as well as DAF who are responsible for managing State native forestry production and timber reserves under the *Forestry Act 1959*.

### 5 Public notification

#### 5.1 Request for exemption

Part 3, Division 4 of the RPI Act outlines the requirements for public notification of Regional Interest Assessment Applications. The RPI Act requires a Regional Interest Assessment Application to be publicly notified if:

- prescribed by a regulation as notifiable (and no exemption exists); or
- the Chief Executive has given the applicant a notice advising the activity is notifiable.

Section 34 (3) of the RPI Act provides for an exemption from notification if the Chief Executive is satisfied that there has been sufficient notification of the activity under another Act or law.

TEC Coal requests an exemption from any public notification requirements associated with this RIDA application pursuant to section 34(3) of the RPI Act, on the basis that sufficient public notification has already occurred under legislation other than the RPI Act. In particular, the K2E Project has undergone two public notification processes in 2021 as follows:

- Public notification of the K2E Project under the *Mineral Resources Act 1989* (MR Act) for a period 20 business days commencing 16 June 2021. Public notification under the MR Act included:
  - advertisement in a locally South Burnett circulating newspapers (hardcopy and online);
  - information on the Department of Resources website and Stanwell's website; and
  - a letter to all directly affected and adjoining landowners notifying them of the application and public notification process.
- K2E Project EPBC Referral was published on the DAWE website for public comment for a period of 10 business days commencing 27 July 2021.

On 20 April 2021, DES confirmed that public notification under the EP Act was not required for the K2E Project.

Any previous public notification of the project needs to meet the criteria outlined in Table 5.1 to be considered sufficient for the purposes of Section 34(3) of the RPI Act.

Table 5.1 Criteria to be met in order for public notification to be considered sufficient for the purposes of Section 34(3) of the RPI Act.

CRITERIA	RESPONSE
The period between the previous public notification and the receipt of the application under the RPI Act does not exceed 12 months.	<b>Criteria considered met</b> : All public notification for the K2E Project has occurred during 2021.
The publicly notified activity or project included the land the subject of the application made under the RPI Act.	<b>Criteria considered met</b> : All public notification related to the K2E ASA.
The publicly notified activity or project detailed the surface area impacts of the activity the subject of the application made under the RPI Act.	Criteria considered met: Surface area impacts of the K2E Project were outlined within the information subject to public notification. In particular Section 3 of the EPBC Act Referral Form described the Project area and the impact of the K2E Project on environmental values.

CRITERIA	RESPONSE	
The publicly notified activity or project provided sufficient	Criteria considered met: The EPBC Act Referral Form	
information relating to an area of regional interest. For	specifically mentioned the need for RIDA (Section 1.12)	
example, existing land uses on the site and the impact of	and outlined land use impacts from the K2E Project	
the proposed resource activity on the town.	(Section 3.11).	

Given the two public notification processes noted above, along with the extent of public consultation undertaken with respect to the K2E Project (as outlined in Section 5.2), TEC Coal seeks an exemption from public notification for the assessment application under Section 34(3) of the RPI Act.

#### 5.2 Consultation undertaken to date

Prior to the submission of the K2E ASA application to the Department of Resources and the EA amendment application for the K2E ASA to DES, Stanwell representatives attended a number of meetings with various affected persons and parties to discuss the details of the K2E Project. The following key stakeholders have been identified for the K2E Project:

- Key approval agencies:
  - Commonwealth Department of Agriculture, Water and the Environment (DAWE);
  - Queensland Department of Environment and Science (DES);
  - Queensland Department of Resources; and
  - DSDILGP (RIDA).
- Landowners:
  - DES (QPWS);
  - Department of Agricultural and Fisheries; and
  - HQPlantations (Forestry Licence Holder).
- Infrastructure:
  - Toowoomba Regional Council (in conjunction with South Burnett Regional Council is responsible for the public road (Ridge Road) within the K2E ASA);
  - South Burnett Regional Council (in conjunction with Toowoomba Regional Council is responsible for a portion
    of the public road (Ridge Road) within the K2E ASA); and
  - Powerlink Queensland (transmission line).
- Traditional owners:
  - Wakka Wakka people.
- Indirect landholders (near neighbours and local residents).

Stanwell has hosted a number of meetings with various affected persons and interested parties to discuss the details of the K2E Project, prior to submission of this RIDA application. A summary of the stakeholder consultation undertaken to date is provided in Table 5.2.

Table 5.2 K2E Project – summary of consultation

Stakeholder	Date of consultation	<b>Details of consultation</b>	Outcome of consultation
Toowoomba Regional Council	31 October 2017 19 April 2018 8 May 2019 26 August 2019 15 October 2019 12 November 2019 July 2020 6 March 2020 to current, over the phone as required.	Meetings, presentations, updates and/or site visits with Toowoomba Regional Council Infrastructure team.  The purpose of the discussions was to seek support from Council for the closure of a section of Ridge Road and the associated compensation agreement required for the K2E Project.	Council has given in principle approval for the permanent closure of Ridge Road. The formal compensation agreement is close to final draft. Updates have been noted by Toowoomba Regional Council representatives.
South Burnett Regional Council	June 2019 2 July 2019 15 October 2019 6 November 2019 to current, over the phone as required. June 2020 June 2020 to current, over the phone as required.	Meetings, presentations, updates and/or site visits with South Burnett Regional Council Infrastructure team and/or South Burnett Regional Council Councilors.  The purpose of the discussions was to seek support from Council for closure of a section of Ridge Road and the associated compensation agreement required for the K2E Project.	Council has given in principle approval for the permanent closure of Ridge Road.  Formal compensation agreement is close to final draft.  Updates noted by South Burnett Regional Council representatives.
Local Landowners (presented to individually)	At the point of writing this document, 34 nearby landowners have been provided individual updates or information on the K2E Project.	K2E Project updates provided and any questions about the Project were addressed.	No new issues identified.  Scheduled updates continue to be provided about the Project's progress through newsletters, information sessions, neighbour consultative committees and other stakeholders with a direct link to the K2E Project.
Community Information Sessions	8 May 2019  No face-to-face information sessions were held during 2020 due to the COVID-19 pandemic (refer to individual engagement).  A Stanwell Board and key community leader function is tentatively planned for late-October 2021.	K2E Project slide incorporated in General Manager - Mining presentation. This was during the K2E Project's planning phase. Updated to be provided on Meandu Mine operations, including summary of the K2E Project.	Provided local key opinion leaders and community members with information about the progress of the K2E Project to maintain their ongoing support of Stanwell's operations in the South Burnett.

Stakeholder	Date of consultation	Details of consultation	Outcome of consultation
Near Neighbour Committee	8 April 2019 21 November 2019 No face-to-face information sessions were held during 2020 due to the COVID-19 pandemic (refer individual engagement).	During the neighbourhood meet and greet at the Maidenwell Trading Post, a K2E Project presentation was provided, and questions were addressed.  An additional K2E Project and Progressive Rehabilitation and Closure Plan update was provided at Nanango (Ringsfield house).	Informed, with opportunity to ask more questions.
Community Newsletter	Delivered 6 December 2019 Delivered June 2020 Delivered March 2021 Next edition scheduled to be sent out by early-October 2021.	In December 2019, the update included a K2E Project map and article – "Planning for Tarong's long-term fuel supply at Meandu Mine". Contact details were provided for any enquiries.  In March 2021, a project update was provided in the community newsletter. This include a project milestone and proposed timeline infographic, as well as an illustrative map indicating the size of the additional surface rights area in comparison to the existing surface rights area.  Contact details were provided for any enquires.  Provided general Meandu Mine updates at individual engagements with stakeholders during 2020 and 2021.	No questions or concerns raised.
Traditional Owners Wakka Wakka people	27 October 2017 17 July 2020 1 September 2021	Cultural Heritage Coordinating Committee under the CHIA discussed the K2E Project and cultural heritage work needed for the planning phase of the Project.  Meeting regarding negotiations for Cultural Heritage Management Plan included presentation slides on the K2E Project.  Interim Cultural Heritage Committee meeting at Meandu Mine including K2E Project area visit.	No new issues raised, further updates to be provided during negotiation meetings about the K2E Project's progress.

Stakeholder	Date of consultation	<b>Details of consultation</b>	Outcome of consultation
DES (QPWS)  Department of Agriculture and Fisheries	September 2019 22 October 2019 8 November 2019 June 2019 22 February 2021 10 August 2021	Briefings, updates and discussions regarding the compensation agreement required for the K2E Project.	General terms of agreement have been discussed. Drafting of compensation agreement will occur in 2021.
HQPlantations	13 November 2017 22 January 2018 19 April 2018 28 February 2020 26 June 2020 19 October 2020 1 February 2021 12 May 2021 And over the phone and emails as required.	Initial K2E Project briefings and meetings regarding access for environmental assessment work. Updates and discussions regarding the compensation agreement required for the K2E Project.	General terms of agreement have been discussed. Negotiating commercial terms then will progress to drafting of agreement.
Powerlink	14 July 2017 21 December2017 11 January 2018 1 June 2018 November 2018 14 March 2019 12 September 2019 21 September 2020 12 February 2021 15 January 2021 25 March 2021 30 July 2021 And over the phone and emails as required.	Meetings and/or site visits for feasibility and planning work for the relocation of the transmission line.	Currently meeting and working on terms for the transmission network asset relocation agreement (TNARA).

Stakeholder	Date of consultation	<b>Details of consultation</b>	Outcome of consultation
DES	September 2017 August 2019 6 December 2019 21 February 2020 30 July 2020 4 November 2020 10 November 2020 4 February 2021 23 February 2021 And over the phone and emails as required.	Project briefings, updates, site visits and discussions regarding the EP Act requirements for the K2E Project applications.  K2E Project EA amendment application pre-lodgement meeting.	Discussion and information provided by DES regarding the EA Amendment Application process.
DAWE	3 December 2020 28 May 2021	K2E Project briefing together with representatives from DES.  Pre-referral meeting.  The K2E Project referral document was uploaded to DAWE's website for public comment on 27 July 2021 for a period of 10 business days.	Information noted by DAWE from first meeting and pre- referral meeting.  K2E Project referral documentation is currently undergoing assessment by DAWE.
Department of Resources - Coal Assessment Hub	26 March 2019 24 August 2020 12 February 2021 And over the phone and emails as required.	Project briefings, updates, and discussions regarding the MR Act requirements for project application.  Pre-lodgement meeting.	Discussion and information provided by Coal Assessment Hub regarding the MR Act applications process.
Department of State Development, Infrastructure, Local Government and Planning (DSDILGP) - RIDA	15 October 2020 16 September 2021 And over the phone and emails as required.	K2E Project briefing and pre-lodgement meeting to discuss the RIDA application and amendment that is needed for the existing RIDA.	Discussion and information provided regarding the RIDA amendment and application process.
Public notification under the Mineral Resources Act 1989	June to July 2021	Stanwell has undertaken public notification under the MR Act. The public notification process enables the community to access and read information contained in Stanwell's application and to provide their feedback via a formal submission to the regulator. Public notification included:	Public notification closed on 14 July 2021.  One formal objection was raised from a landowner to the east of the K2E ASA. The landowner was concerned about the K2E Project impacting their groundwater bores and have requested a

Stakeholder Date of consult	tion Details of consultation	Outcome of consultation
	<ul> <li>advertisement in local papers</li> </ul>	make good agreement and
	(hardcopy and online);	indicated that they will
	<ul> <li>information on the Department of</li> </ul>	withdraw the objection on
	Resources website, and on	finalisation of a make good
	Stanwell's website; and	agreement. The landowner
	<ul> <li>letters to adjoining landowners and</li> </ul>	bores are used for stock and
	subject land organisations notifying	general supply. The impact
	them of the MR Act application and	assessment concluded that
	public notification process.	there would be no impact or
		these bores from existing
	The 6 subject land organisations (with a	mining operations or the
	direct interest in the K2E Project land) to	mining in the K2E ASA.
	receive a notification letter were South	There were three other
	Burnett Regional Council, Toowoomba	enquiries/submissions with
	Regional Council, HQPlantations,	similar concerns to the
	Powerlink Queensland, DES (QPWS)	objector. These are all bein
	and Department of Agriculture and	discussed and addressed wit
	Forestry.	the landowners.
	68 adjoining landowners (for 95	NT 41 ' 1
	adjoining properties) received	No other issues were raised
	notification letters. These are	as part of this public
	landowners that own properties that	notification.
	adjoin Lot 289 on FTY1859, the	
	property that the K2E Project area is part	
	of.	

### 6 Conclusions

The proposed K2E ASA is located in an area designated as a Priority Agricultural Area (PAA) under the Darling Downs Regional Plan. As noted in Statutory Guideline 02/14, it is acknowledged that not all land within a PAA is used as a Priority Agricultural Land Use (PALU) and that this is reflected in the assessment criteria, which are made up of required outcomes and prescribed solutions. When assessed these criteria, the K2E Project has been shown to be compliant with Required Outcome 1 from Schedule 2, Part 2 of the RPI Regulation – that is the activity will not result in a material impact on the use of the property for a PALU by demonstrating that Prescribed Solution 1 is met – that is the activity will not be located on land in a PAA that is used for a PALU.

In accordance with the Darling Downs Regional Plan 2013, the following Australian Land Use Management classes are classified as PALUs for the purposes of the *Regional Planning Interest Act 2014* (RPI Act):

- Category 3: Production from dryland agriculture and plantations:
  - Class 3.3 (Cropping);
  - Class 3.4 (Perennial horticulture);
  - Class 3.5 (Seasonal horticulture).
- Category 4: Production from Irrigated Agriculture and Plantations):
  - Class 4.1 Irrigated plantation forestry;
  - Class 4.2 Grazing irrigated modified pastures;
  - Class 4.3 Irrigated cropping;
  - Class 4.4 Irrigated perennial horticulture;
  - Class 4.5 Irrigated seasonal horticulture;
  - Class 4.6 Irrigated land in transition.
- Category 5: Intensive uses:
  - Class 5.1 (intensive horticulture).

The proposed K2E ASA is located within the Yarraman State Forest and has been under current plantation forest (Hoop Pine and mixed hardwood) since at least the early 1980s, as evidenced by correspondence with HQPlantations and historical aerial photography of the site. Based on this evidence, the most relevant PALU from the list above, would be Class 4.1 (Irrigated Plantation Forestry). In addition, as plantation forests managed by HQPlanations are at times used for stock grazing activities, Class 4.2 (Grazing Irrigated Modified Pastures) has also been assessed as a potential PALU.

In reviewing the K2E Project against Prescribed Solution 1, it is concluded that the land the subject of this application has not been used as a PALU for at least 3 years during the last 10 years for the following reasons:

- Queensland Land Use Mapping identifies the proposed K2E ASA as dryland plantation.
- Historical aerial imagery illustrates that the K2E ASA has been used for plantation forestry since (at least) 1982,
   prior to which it was native vegetation. The advice from HQPlantatons is that planting dates for the current crop within the Yarraman State Forest range from 1970 to 2015.
- Aerial imagery also illustrates that the plantation forest within K2E ASA has not been subject to recent harvesting activities. This coupled with the Hoop Pine plantation being a long rotation crop of 40 to 50 years for the well-established Hoop Pine further demonstrates that the land use has been in existence for an extended period.
- HQPlantations has confirmed that the plantation forests within the K2E ASA are not and have not been irrigated during their lifetime (refer Appendix B).

- HQPlantation have also confirmed that there are no irrigated or modified pastures present within the K2E ASA.
- Whilst plantation forests managed by HQPlantations are at times used for stock grazing activities, HQPlantation have confirmed that the K2E ASA has not been grazed for an extended period of time (well in excess of 10 years).
- The K2E ASA also has a dense understorey of Lantana, which further demonstrates that grazing activities have not recently occurred in this area.

The evidence provided in support of this assessment application demonstrates that the K2E Project meets Prescribed Solution 1 in that the K2E ASA has not been used as a PALU for at least 3 years during the last 10 years. It is considered that the PAA designation under the Regional Plan does not reflect current or recent land use of the K2E ASA. As such the K2E Project has been shown to be compliant with Required Outcome 1 from Schedule 2, Part 2 of the RPI Regulation – that is the activity will not result in a material impact on the use of the property for a PALU.

### 7 References

Australian Bureau of Agriculture and Resource Economics and Sciences, 2016. Australian Land Use and Management (ALUM) Classification, Version 8, October 2016.

Department of Environment and Science (DES), 2018. Guideline Resource Activities: Rehabilitation requirements for mining resource activities, ESR/2016/1875, Version 2.01, 18 June 2018.

Department of Environment and Science (DES), 2019. *Nature, Culture and History*, viewed at 11 November 2019, <a href="https://parks.des.qld.gov.au/parks/yarraman/culture.html">https://parks.des.qld.gov.au/parks/yarraman/culture.html</a>

Department of Environment and Science (DES), 2021. Queensland Land Use Mapping Program (QLUMP), accessed 3 August 2021, <a href="https://www.qld.gov.au/environment/land/management/mapping/data-imagery/request-a-land-use-map.">https://www.qld.gov.au/environment/land/management/mapping/data-imagery/request-a-land-use-map.</a>

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Department of State Development, Manufacturing, Infrastructure and Planning (DSDMIP), 2019a. RPI Act Statutory Guideline: 01/14 - How to make an assessment application for a regional interests development approval under the Regional Planning Interests Act 2014

DSDMIP, 2019b, RPI Act Statutory Guideline: 02/14 - Carrying out resource activities in a Priority Agricultural Area, August 2019

HQPlantations, 2019. *Forest Stewardship Plan January 2019*, viewed at 29 October 2019, <a href="https://www.hqplantations.com.au/stewardship">https://www.hqplantations.com.au/stewardship</a>

State of Queensland, 1972. Historical Aerial Photography (QAP 2424, Frame No. 44), viewed at 11 November 2019, https://qimagery.information.qld.gov.au/

State of Queensland, 1982. Historical Aerial Photography (QAP 4004, Frame No. 6451), viewed at 11 November 2019, <a href="https://qimagery.information.qld.gov.au/">https://qimagery.information.qld.gov.au/</a>

State of Queensland, 2006. Historical Aerial Photography (QAP 6231, Frame No. 212), viewed at 11 November 2019, <a href="https://qimagery.information.qld.gov.au/">https://qimagery.information.qld.gov.au/</a>

State of Queensland, 2019. State-wide interactive land use map. Last updated 30 September 2019. Accessed from <u>State-wide land use map | Environment, land and water | Queensland Government (www.qld.gov.au)</u> on 21 September 2021.

State of Queensland, 2021. Queensland Globe Mapping, viewed at 6 August 2021.

# Appendix A

Current title search





#### **Current State Tenure Search**

#### Queensland Titles Registry Pty Ltd ABN 23 648 568 101

 Title Reference:
 47542223

 Search Date:
 01/11/2021 11:58

Date State Tenure Created:14/08/2007Request No:39103787

**Creating Dealing:** 

#### **DETAILS**

Opening Ref:

Purpose: STATE FOREST

Local Name: YARRAMAN STATE FOREST

#### **ESTATE**

Estate in Forest Estate

LOT 289 CROWN PLAN FTY1859

Local Government: SOUTH BURNETT Local Government: TOOWOOMBA

LOT 101 SURVEY PLAN 305492

Local Government: TOOWOOMBA

Exclusive of LOT 100 ON SP287681

#### OWNER

Dealing No: 719500294 05/07/2019 THE STATE OF QUEENSLAND

(REPRESENTED BY DEPARTMENT OF ENVIRONMENT AND SCIENCE)

#### EASEMENTS AND ENCUMBRANCES

1. NOTING No 602823642 (3) 02/07/1996

20/08/1985

EXPIRY OF S.L. DEPT OF FORESTRY ADVISED LANDS THAT UPON EXPIRY OF S.L. 39921, THE FORESTRY DEPT CONSIDERS THAT THE LAND WOULD BE BEST DEALT WITH UNDER SECTION 35 (1)(2) OF THE FORESTRY ACT. THE LESSEES WILL BE OFFERED A STOCK GRAZING PERMIT OVER THE AREA. THEIR REF: S.L. 39921 (AE7). 13/01/1988

LEASING DEPT OF FORESTRY FORESTRY HAVE ADVISED THAT A STOCK GRAZI NG PERMIT HAS ISSUED OVER STATE FOREST 289,PARISH OF COOYAR AND THAT A RENEWAL OF SPECIAL LEASE 41367 WILL NOT BE NECESSARY

- STATE LEASE No 712871015 17/11/2009 at 14:01
   A State Lease has been created see Title Reference 40056845
- PLANTATION LICENCE No 713331865 05/07/2010 at 14:10
   A Plantation Licence has been issued see Title Reference 45000002



#### **Current State Tenure Search**

Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 47542223

#### ADMINISTRATIVE ADVICES

 Dealing
 Type
 Lodgement Date
 Status

 717906068
 CON COM AGMT
 17/03/2017 15:23
 CURRENT

MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014

717906077 CON COM AGMT 17/03/2017 15:25 CURRENT

MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014

#### UNREGISTERED DEALINGS

NIL

Corrections have occurred - Refer to Historical Search

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current State Tenure Search \*\*

Information provided under section 34 Land Title Act (1994) or section 281 Land Act (1994)

# Appendix B

Correspondence with HQPlantations



### **B1** Correspondence with HQPlantations

From: O'Regan, Dan < Dan. O'Regan@hqplantations.com.au>

Sent: Friday, August 27, 2021 4:32 PM

To: Cabrera, Javier < <a href="mailto:Javier.Cabrera@stanwell.com">Javier < Javier.Cabrera@stanwell.com</a>>

Cc: Ruddle, Tony <Tony.Ruddle@stanwell.com>; West, David <David.West@hqplantations.com.au>; Jarick,

Lester < Lester. Jarick@hqplantations.com.au >

Subject: [EXTERNAL] RE: King 2 East Project Regional Interest Development Approval - Request for

Information to HQPlantations 25 August 2021

Good Afternoon Javier

Thanks for providing the below information.

Please see below responses to questions raised.

1. Extent of plantation area within the Yarraman State Forest The HQPlantations managed area of Yarraman State Forest encompasses at total area of 6,003 Ha. Of that area, 4,001 Ha is comprised of plantation.

2. The date of planting of the current crop within the K2E ASA The plantations within the expansion area range from a planting date of 1970 to 2015.

3. Confirmation that the plantation forest within the K2E ASA is not (and has not been irrigated within the last 10 years)

The plantations within the expansion area are not and have not been irrigated during their lifetime.

- 4. Confirmation that no grazing occurs within the K2E ASA (or has occurred within the last 10 years) The expansion area has not been grazed for an extended period of time (well in excess of 10 years).
  - 5. Confirmation that no irrigation of modified pastures occurs within the K2E ASA (or has been undertaken within the last 10 years)

There is no irrigation or modified pasture present within the expansion area.

If you require any further information, please feel free to contact me.

Cheers

Dan

DanO'Regan | Regional Planning Manager - Inland & North Qld | HQPlantations Pty Ltd

Ph: +61 7 5484 4202 | Mb: +61 428 115 439 | Em: dan.o'regan@hqplantations.com.au

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From: Cabrera, Javier < Javier. Cabrera@stanwell.com>

Sent: Wednesday, 25 August 2021 4:16 PM

To: O'Regan, Dan <Dan.O'Regan@hqplantations.com.au>

Cc: Ruddle, Tony <Tony.Ruddle@stanwell.com>

Subject: King 2 East Project Regional Interest Development Approval - Request for Information to

**HQPlantations 25 August 2021** 

#### Hi Dan

The Regional Interest Development approval (RIDA) is one of the supporting approvals TEC coal is seeking for the King 2 East project.

We have some questions which we would appreciate HQPlantations responding to. See context re RIDA and questions below.

#### Context What is a RIDA

Refer information on this web site for context.

Environmental assessments and conditions | Business Queensland

Extract below

Regional Planning Interests Act 2014

A regional interests development approval (RIDA) may be required when a resource or regulated activity is proposed in an area of regional interest.

The 4 areas of regional interest identified in the Regional Planning Interests Act 2014 are:

- Priority Living Areas (PLAs)
- Priority Agricultural Areas (PAAs)
- Strategic Cropping Areas (SCAs), and
- Strategic Environmental Areas (SEAs).

Learn more about areas of regional interest and the Regional Planning Interests Act and Regulation.

#### Questions

We would appreciate HQPlantations consolidated response to the following 5 questions.

The questions relate to the King 2 East Additional Surface are in the land that is being sought to become will become part of the Mining surface rights. A copy of the land information from our Mineral Resources Act application is attached.

To support the RIDA Application for the K2E Project and demonstrate that the K2E ASA has not been used for a PALU (i.e. irrigated plantation forestry or grazing on irrigated modified pastures) within the last 10 years it would be good to get a concise response from HQPlantations which confirms all of the information previously provided in one location. Currently this information sits across a number of correspondence sources some of which were for different purposes (not to support RIDA applications). The information required is:

- 1. Extent of plantation area within the Yarraman State Forest
- 2. The date of planting of the current crop within the K2E ASA
- 3. Confirmation that the plantation forest within the K2E ASA is not (and has not been irrigated within the last 10 years)
- 4. Confirmation that no grazing occurs within the K2E ASA (or has occurred within the last 10 years)
- 5. Confirmation that no irrigation of modified pastures occurs within the K2E ASA (or has been undertaken within the last 10 years)

The information that has been provided by HQPlantations to date is that:

- The extent of the plantation area within the Yarraman State Forest is 3,976 ha (RIDA Application from 2015).
- Hoop pine species is a long rotation crop of between 40 to 50 years . The current crop within the Yarraman State Forest range from 1970 to 2001
- No stock are present within the area of the K2E ASA (and have not been for an extended period of time) (confirmed by HQPlantations for a different purpose).
- The plantation forestry area is not, and has never been, irrigated (RIDA Amendment Application 2021)

Kind Regards

Javier Cabrera

Environment Project Director
Operations Division



mobile 0409470469 direct +61 7 32284585 Level 2, 180 Ann Street , Brisbane GPO Box 800, Brisbane, QLD 4001 stanwell.com

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# Appendix C

Historical aerial photographs



## C1 Historical aerial photographs



Figure C.1 K2E ASA (2017)

Source: State of Queensland 2021 (Queensland Globe) – Planet (July-September 2017)



Figure C.2 K2E ASA (2016)



Figure C.3 K2E ASA (2015)



Figure C.4 K2E ASA (2014)



Figure C.5 K2E ASA (2013)



Figure C.6 K2E ASA (2012)

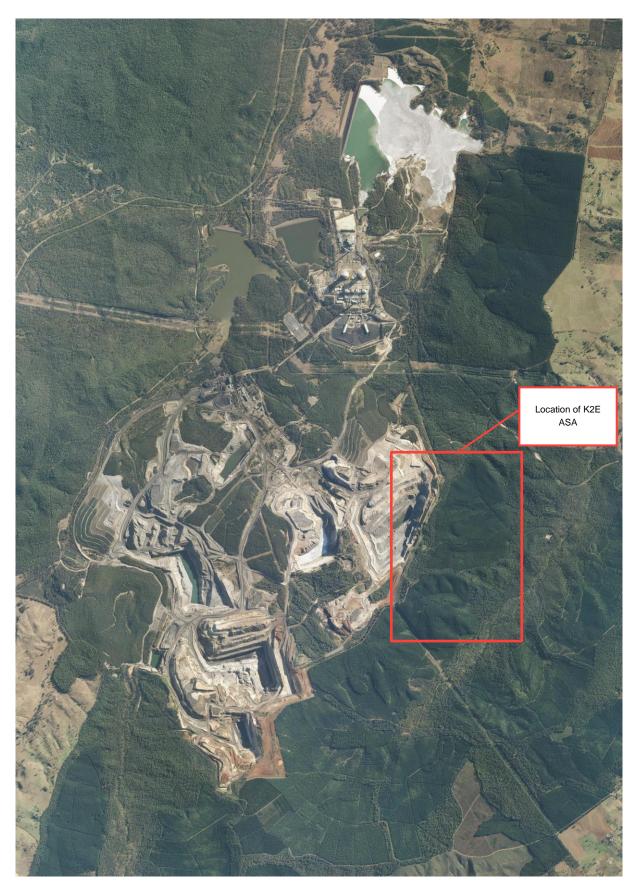


Figure C.7 K2E ASA (2011)