

Fingerboards Mineral Sands Project

IAC Field Trip

Date: Monday 1 February 2021

Notes:

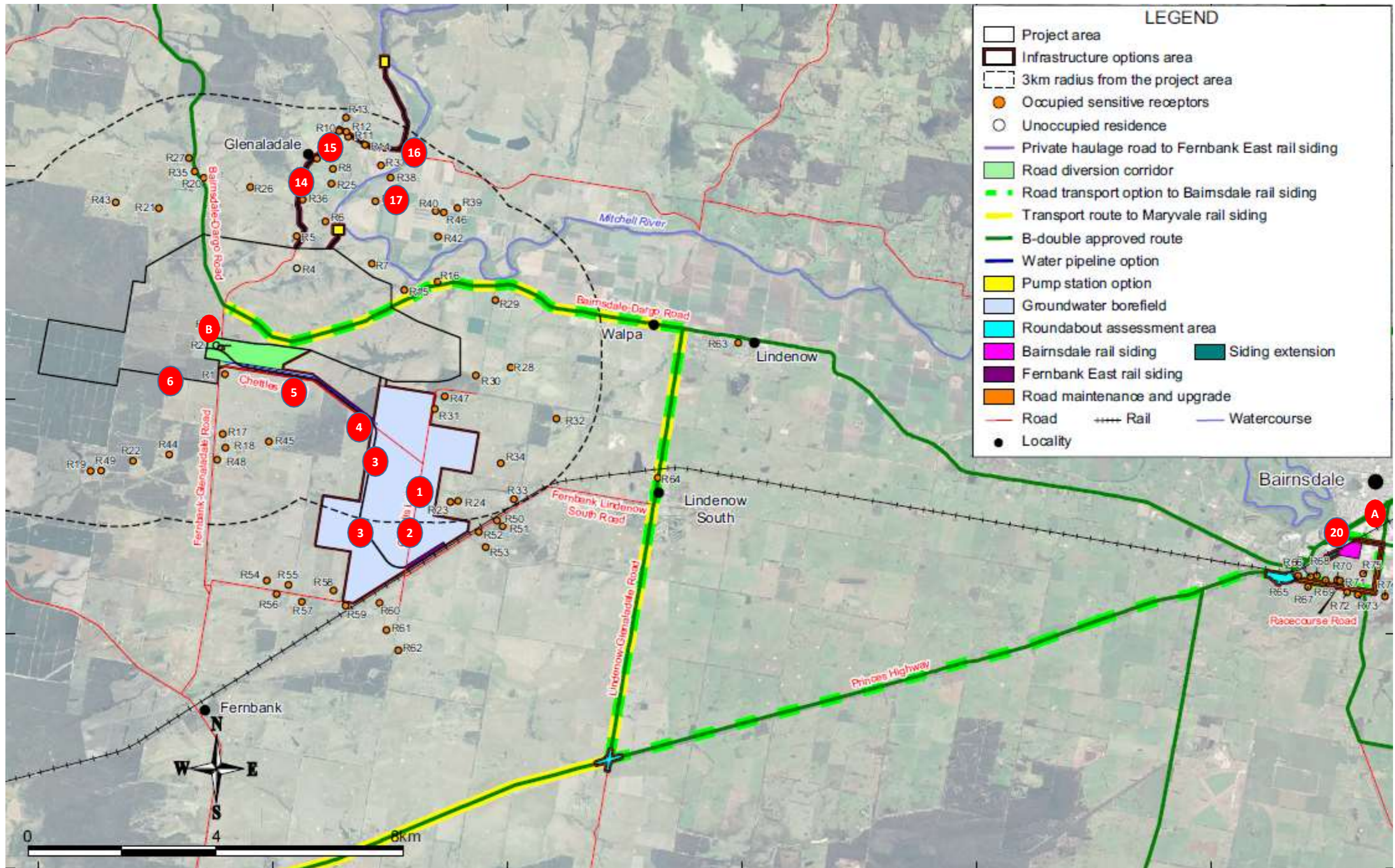
1. References in 'Activity' column with R prefix are contained in Fig 8.25 (Potential Sensitive Receptors), with VP/RS/RD prefix are contained in Fig 9.62 (Viewpoints used in the visual impact assessment)
2. References in the 'Ref' column are on the two IAC site inspection maps (Project site and the broader area)
3. Copies of all relevant maps are attached to this itinerary

Time	Activity	Ref
9.45am	Arrive at 48 Bailey St, Bairnsdale (Kalbar office)	A
10.00am	Bus to depart	
	Travel to site via Bairnsdale-Dargo Rd, Soldiers Rd, Lindenow and Walpa	
	Drive up Cowells Lane, passing residence (R29, R28) and points of interest	
10.30am	View site from south-east corner adjacent to residence (R30), viewpoint (VP19) and points of interest	
	Continue along Cowells Lane, passing residence (R47, R31) and driving through the designated borefield area	
	Cross Skull Creek	1
	Drive through the Saplings Morass Nature Conservation Reserve	2
	Continue along Cowells Lane, passing private haul road crossing point	
11.00am	Fernbank East Rail siding (refer Rail Siding General Arrangement – drawing attached) View proposed rail turnout alignment and siding site (RS1)	
	Continue back along Cowells Lane driving adjacent to private haul road, infrastructure corridor and bore field Turn left at Chettles Rd	3
	Drive along Chettles Rd, passing private haul road crossing point and proposed native vegetation removal area	4
	Drive along Chettles Rd adjacent to proposed private haul road and Bairnsdale-Dargo Rd diversion	5
	Continue on Chettles Rd, passing residence (R1) and viewpoint (VP17)	
11.30am	Drive along southern boundary of project area (Limpyers Rd)	
	View site of wet concentrator plant, loading facility, process water dam, contingency water dam and site offices	6
	Continue on Limpyers Rd	
	View Honeysuckle Creek Tributary (site 1)	7
	View corner of project area, Limpyers State Forest (Boundary No34 Track) and proposed temporary tailings storage facility (western end)	8
12.00pm	View Honeysuckle Creek Tributary (site 2)	9
	Return via Limpyers Rd and Fernbank-Glenaladale Rd, passing residence (R1, R2), viewpoint (VP21), view of proposed roundabout site and Telecom Tower	
12.30pm	Lunch (R3) Toilet stop	B
1.15pm	Walk to and view weather and air quality monitoring station, proposed temporary tailings storage facility (eastern end) and viewpoint (VP RD3 proposed road diversion)	B
	Drive through Fingerboards Intersection and north along Bairnsdale-Dargo Rd, driving past viewpoint (VP RD4 - proposed road diversion) and the northern project boundary	10
1.30pm	Disembark at Fingerboards intersection and view information board	11

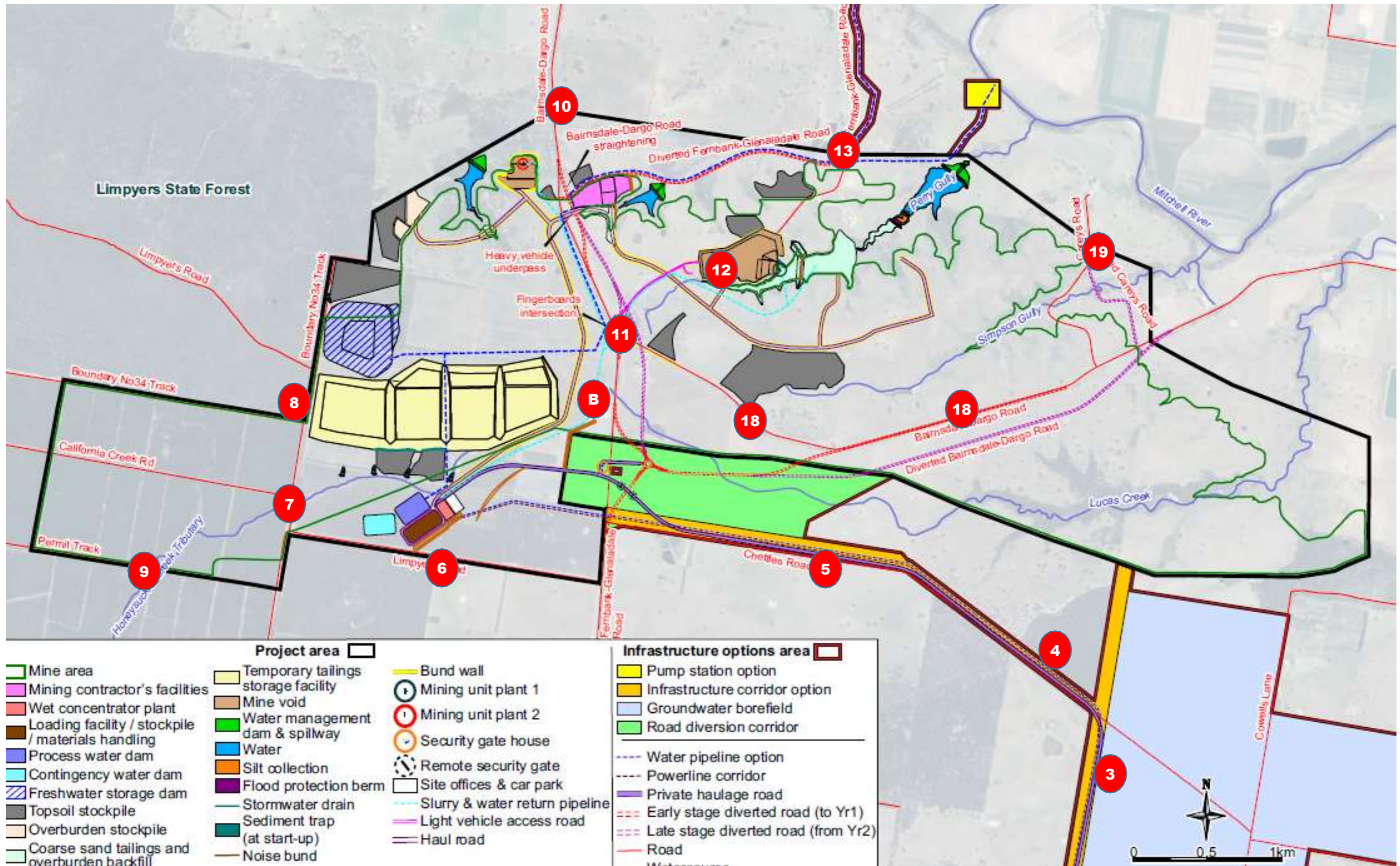
2.00pm	Perry Gully erosion site	12
	Drive along Fernbank-Glenaladale Rd, passing residence (R4 & R5) and northern project boundary	13
3.00pm	View Mitchell River, Lindenow Valley from western end, proposed pump station site, residence (R6) and viewpoint (VP 22 & VP15)	
	Continue north on Fernbank-Glenaladale Rd passing: <ul style="list-style-type: none"> • Moulin Creek (14) • Iguana Creek (15) • Glenaladale CFA, Town Hall and Recreation Reserve • Residence (R9) 	14 15
	View from viewpoint (VP11 - Intersection of Alexanders Road and Fernbank-Glenaladale Road)	
	Continue on Fernbank-Glenaladale Rd, cross the Mitchell River, drive along Lindenow-Glenaladale Rd, view of Woodglen Reservoir (East Gippsland Water)	16
	Turn right down Rathjens Rd, then right at Woodglen Rd, passed Woodglen Primary School (R46) and residence (R40)	
	Drive along Woodglen Rd viewing Lindenow Valley horticultural area. Park along Woodglen Rd and view site to the south	17
	Return via previous route	
4.00pm	Afternoon tea (R3) Toilet stop	B
4.30pm	Drive through Fingerboards Intersection and east along Bairnsdale-Dargo Rd, driving past proposed native vegetation removal areas, road diversions and viewpoints (RD1, RD2A & 2B)	18
5.15pm	Drive along Careys Rd passing through Simpson Gully to viewpoint at project boundary closest to Mitchell River	19
	Travel to Bairnsdale Rail Siding option via transport route (Bairnsdale-Dargo Rd, Lindenow-Glenaladale Rd, Lindenow South, Princes Hwy, Racecourse Rd, Bosworth Rd)	Green dashed line on Broader Area map
6.00pm	View Bairnsdale Rail Siding option (drive through)	20
6.15pm	Arrive at 48 Bailey St, Bairnsdale (Kalbar office)	A

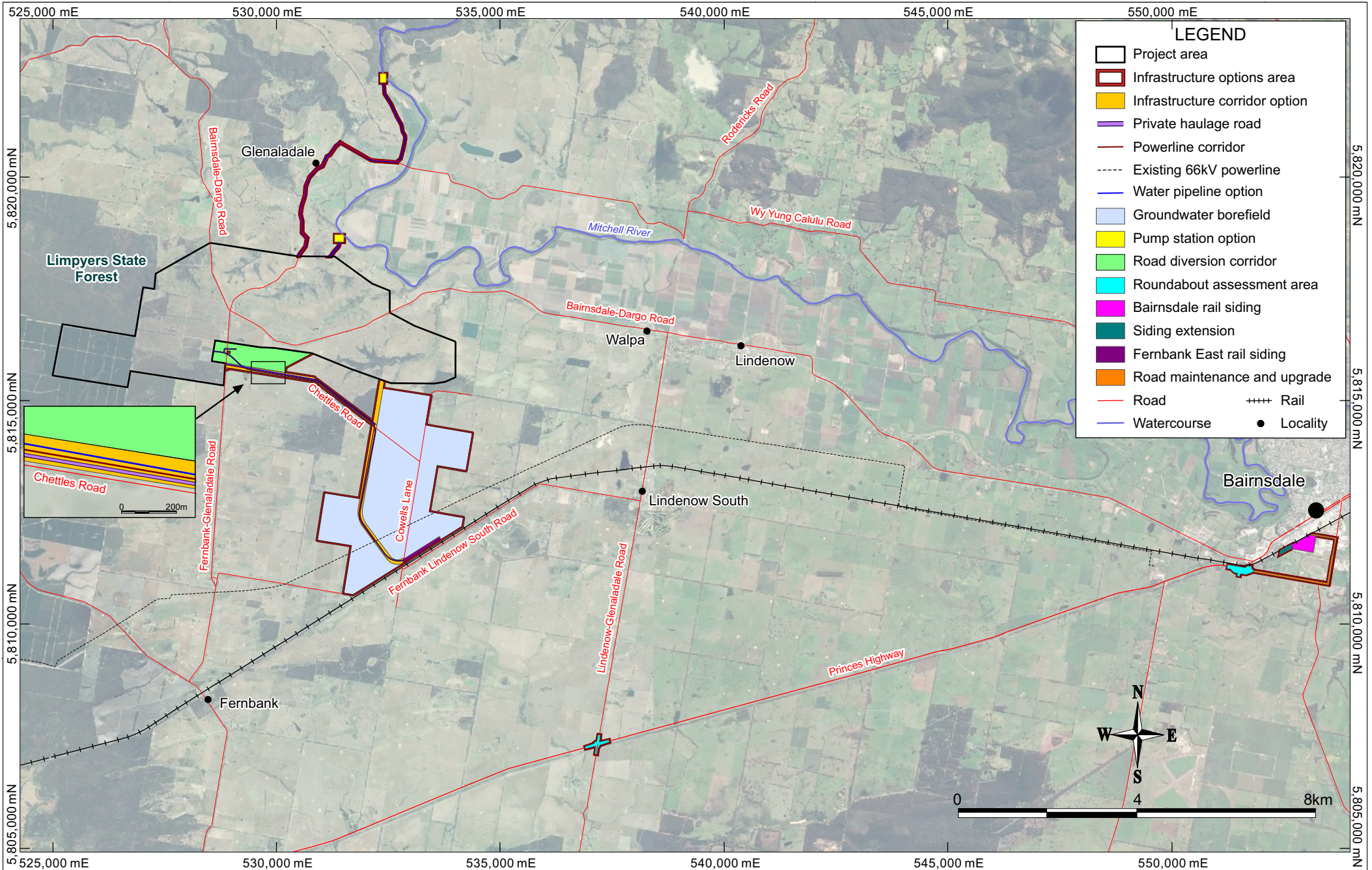
Fingerboards Mineral Sands Project Environment Effects Statement – IAC Site Inspection – 1 Feb 2021

Broader Area



Fingerboards Mineral Sands Project Environment Effects Statement – IAC Site Inspection – 1 Feb 2021
 Project Site





WGOR Reference: 754-ENAUABTF11607_9_GIS_F003_v0_5

Source:
 Road, rail, river from Vicmap
 Project area, infrastructure layout from Kalbar
 Imagery from Google Earth (capture date 23/12/2016)

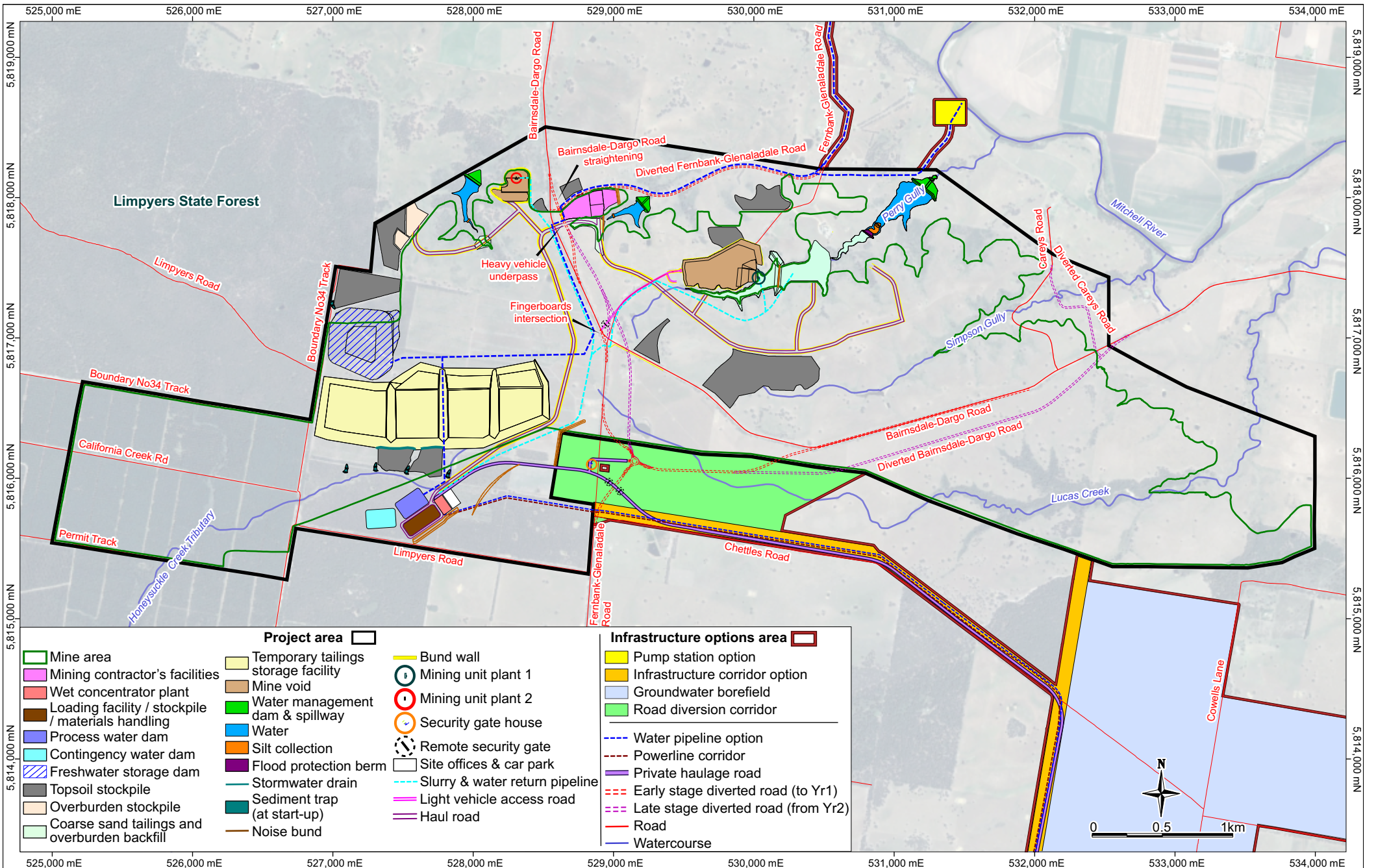


Date:
20/03/2020
 Project Number:
754-ENAUABTF11607
 File Name:
11607_9_F003_GIS_v0_5

Fingerboards Mineral Sands Project
Environment Effects Statement

Proposed infrastructure options area

Figure No:
F003



WCR Reference: 754-ENAUABTF11607_9_F001_GIS_v0.5

Source:
 Road, river from Vicmap
 General arrangement layout from Kalbar
 Imagery from Google Earth (Capture date 23/12/2016)

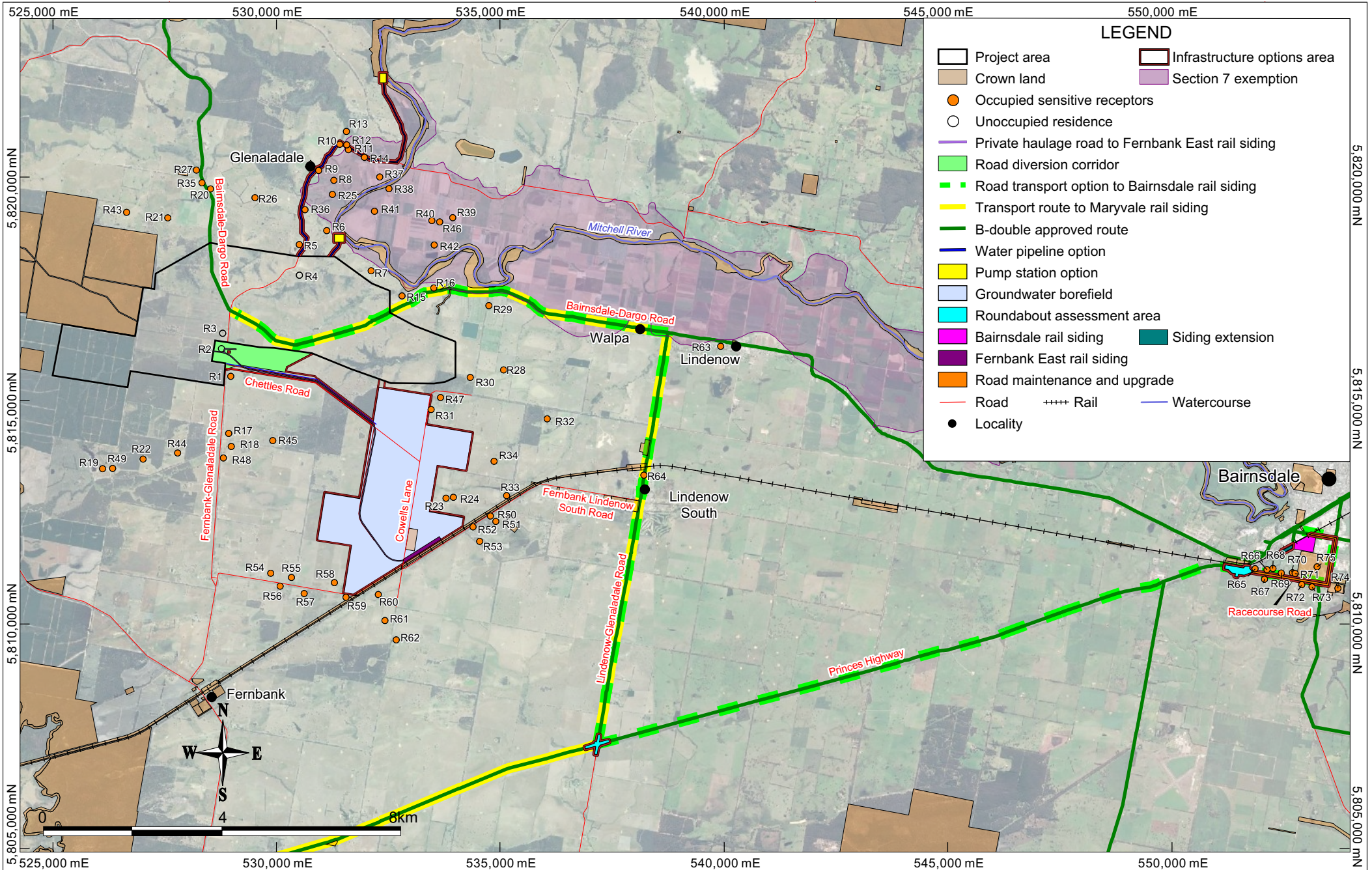
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Date:
 19/08/2020
 Project Number:
 754-ENAUABTF11607
 File Name:
 11607_9_F001_GIS_v0.5

Fingerboards Mineral Sands Project
Environment Effects Statement

**General arrangement layout
 of the project area**

Figure No:
F001



WGOR Reference: 754-ENAUABTF11607_6_GIS_F8.25_v2_3

Source:
 Road, rail, river, B-double road from Vicmap
 Project area, infrastructure layout, transport routes from Kalbar
 Imagery from Google Earth (Capture date 23/12/2016)

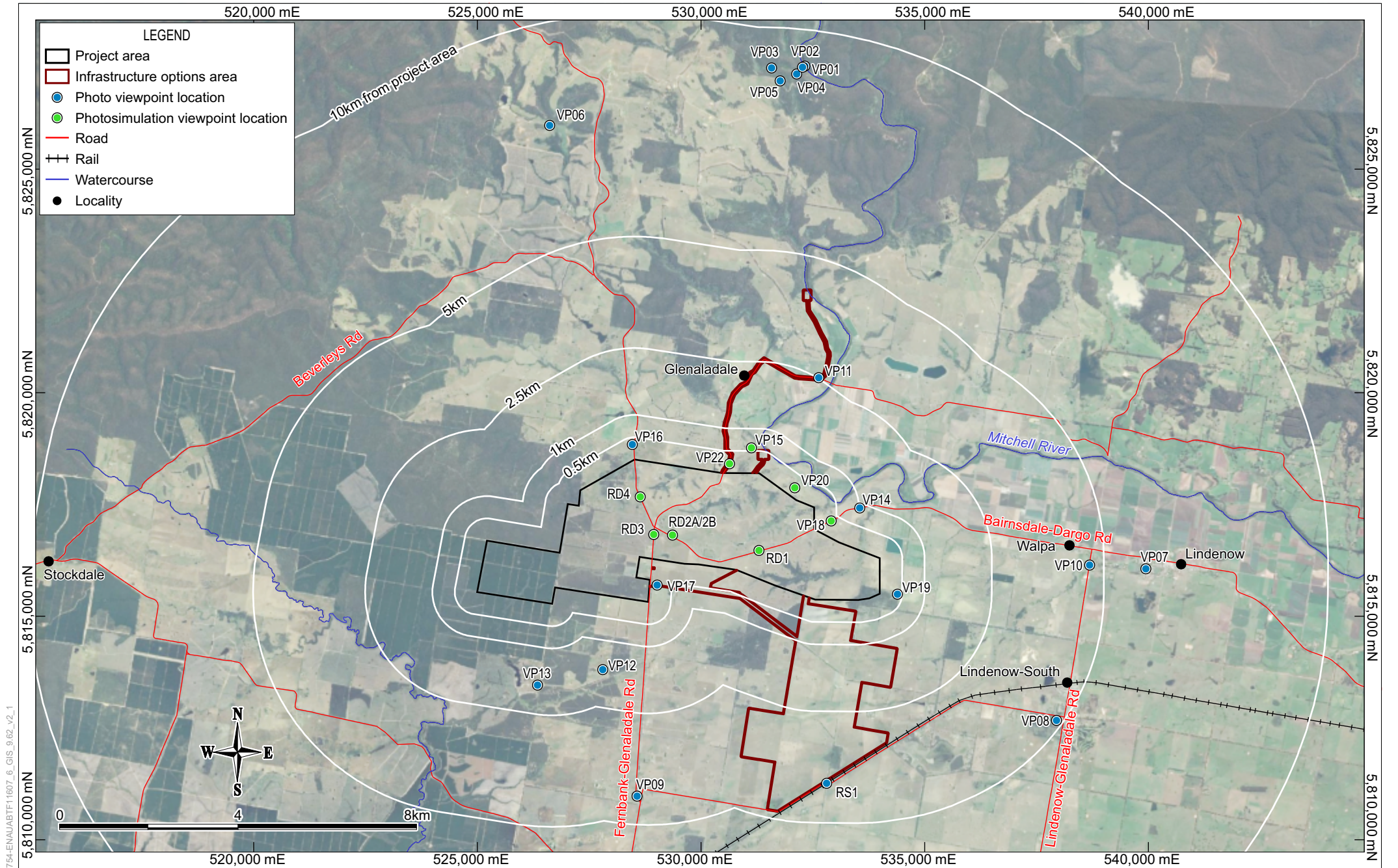
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Date:
 16/06/2020
 Project Number:
 754-ENAUABTF11607
 File Name:
 11607_6_F8.25_GIS_v2_3

Fingerboards Mineral Sands Project
Environment Effects Statement

Potential sensitive receptors

Figure No:
8.25



WGOR Reference: 754-ENAUABTF11607_6_GIS_9.62_v2_1

Source:
Viewpoint locations from Urbis
Road, rail, river from Vicmap
Project area, infrastructure options area from Kalbar
Imagery from Google Earth (Capture date 23/12/2016)

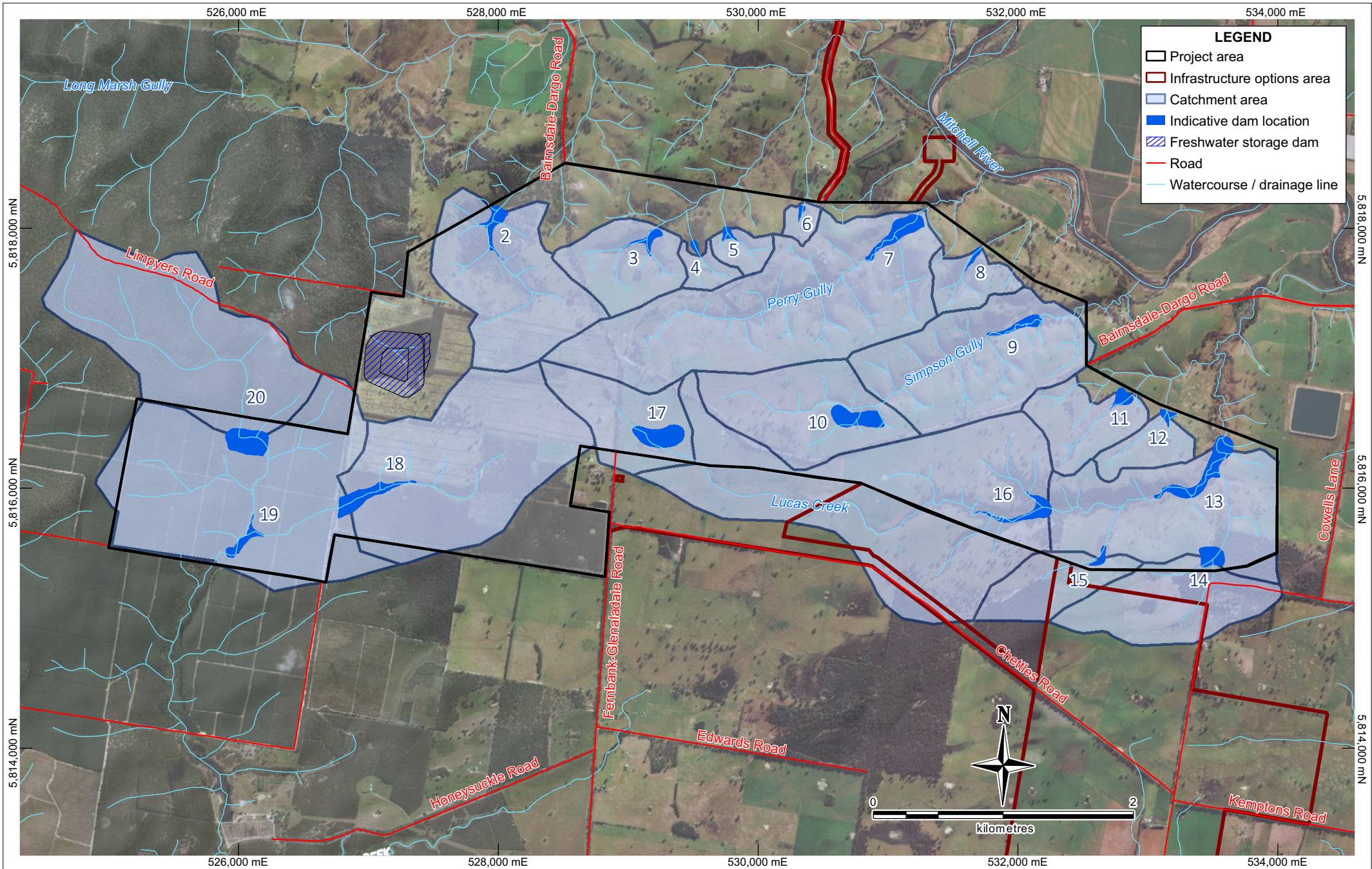


Date: 26/08/2020
Project Number: 754-ENAUABTF11607
File Name: 11607_6_9.62_GIS_v2_1

Fingerboards Mineral Sands Project
Environment Effects Statement

Viewpoints used in the visual impact assessment

Figure No:
9.62



WOR Reference: 754-ENAUABTF11607_MB_GIS_5_v0_1

Source:
Adapted from EMM Consulting: Conceptual Surface Water Management Strategy and Water Balance, (Fingerboards Mineral Sands Project, Report S180008), Figure 4.3, April 2019; GA (2015); VicMap (2010)

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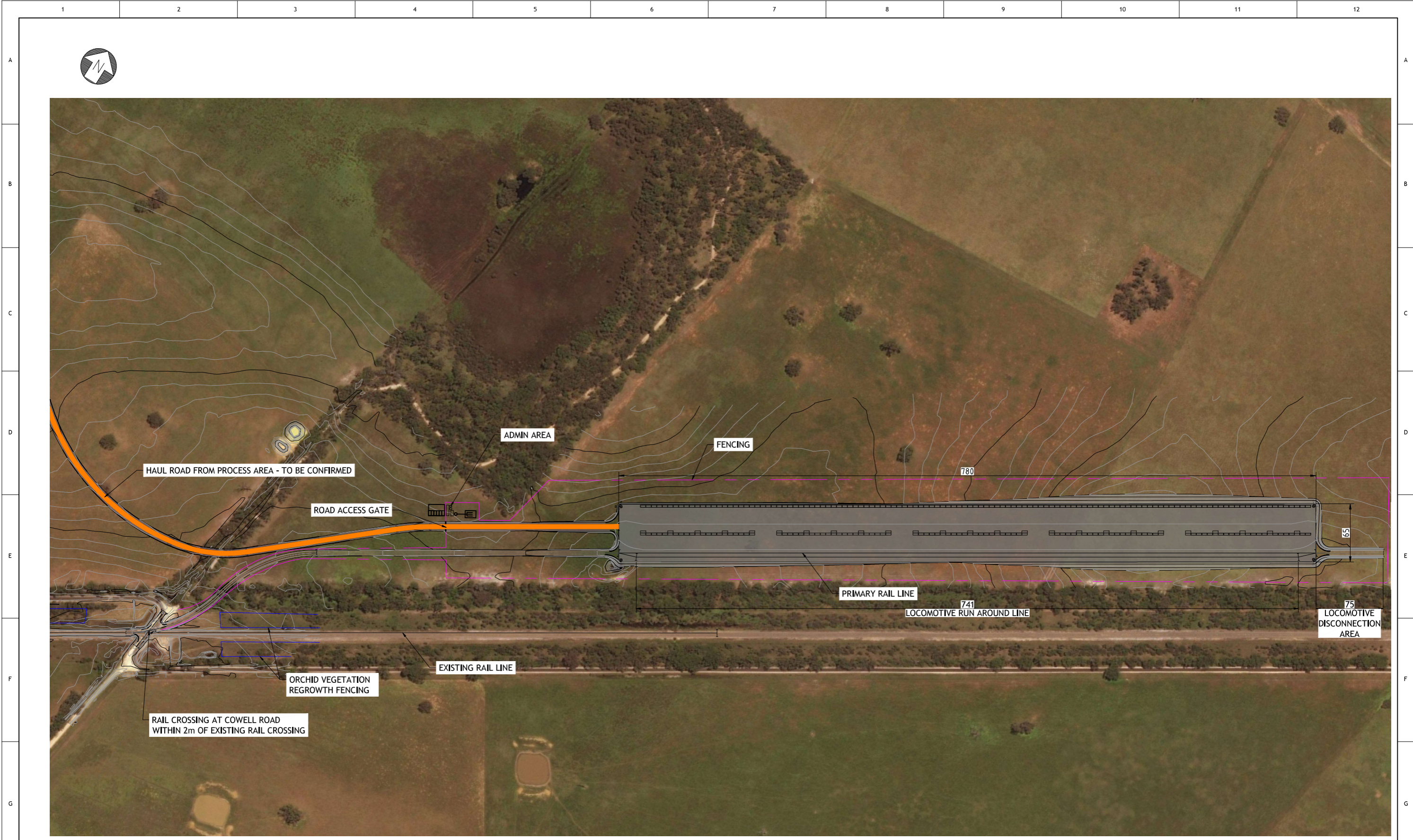
Date:
11/08/2020
Project Number:
754-ENAUABTF11607
File Name:
11607_MB_5_GIS_v0_1

Fingerboards Mineral Sands Project
Map Book

Indicative water management dam locations

Figure No:

5



NOTES:
 1. ALL NOTE IN METERS U.N.O

PRELIMINARY UNCHECKED **PRELIMINARY FOR INFORMATION ONLY**

DRAWING NUMBER	DESCRIPTION



REV	DATE	REVISION DESCRIPTION	DRAWN	CHECKED	ENGINEER	APPROVED
A	07.12.2020	ISSUED FOR INFORMATION	AE			

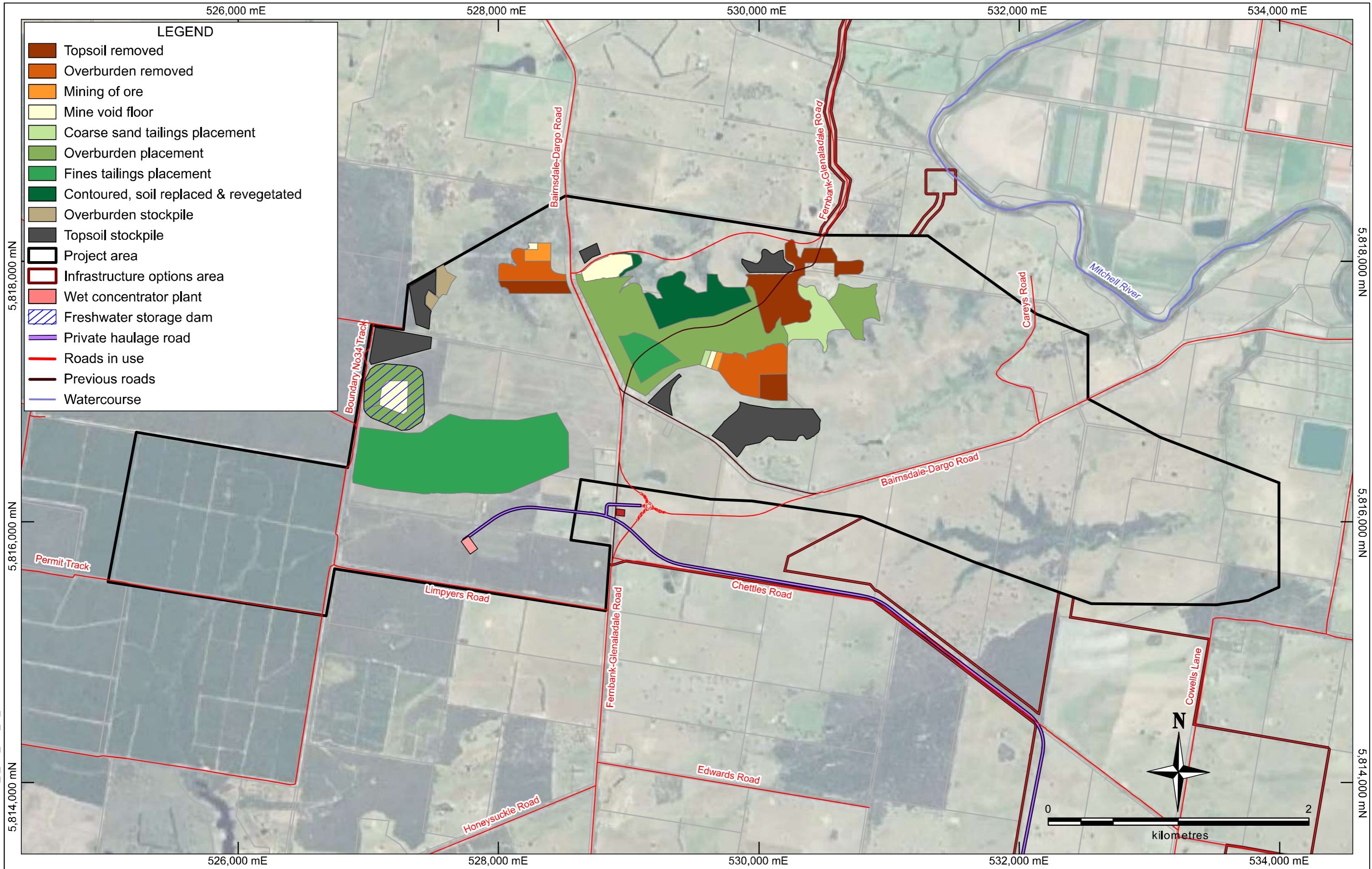
DRAWN	AE	DATE	7.12.2020
DESIGNED		DATE	
CHECKED		DATE	
ENGINEER		DATE	
APPROVED		DATE	



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CLIENT	KALBAR OPERATIONS PTY LTD
PROJECT	FINGERBOARDS MINERAL SANDS DFS
TITLE	RAIL SIDING GENERAL ARRANGEMENT

DRAWING STATUS	PRELIM FOR INFORMATION
CLIENT DWG NO	
SCALE	1:2000
GRID	MGA55
DATUM	AHD
SIZE	A1
DWG NO	5253-40-DWG-CI-54401
REV	A



WOR Reference: 754-ENAUABTF11607_6_GIS_F3.8_v2_1

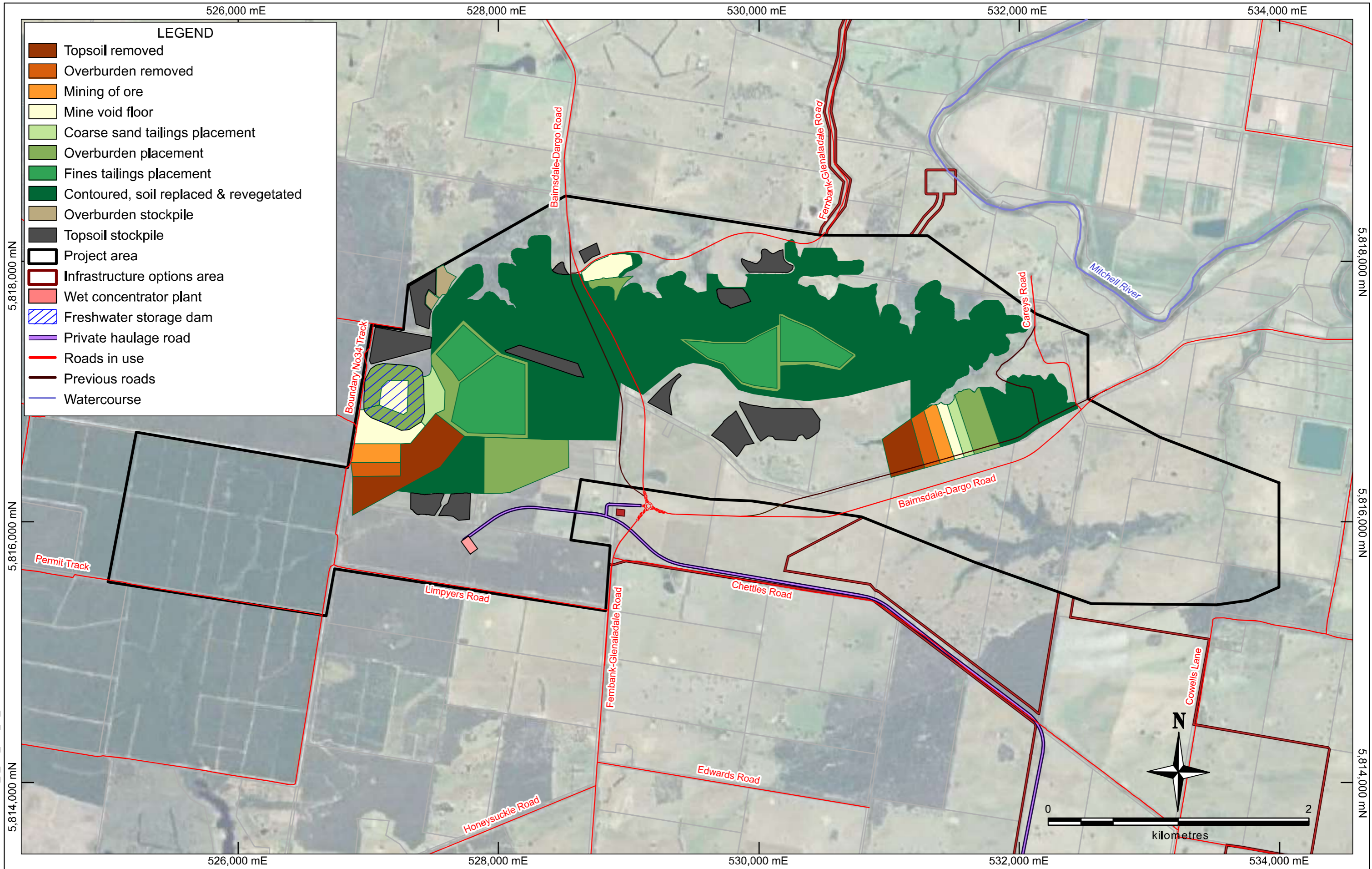
Source:
 Mining sequence, layout from Kalbar
 Imagery from Google Earth (Capture date 23/12/2016)

	Date: 24/03/2020
	Project Number: 754-ENAUABTF11607
	File Name: 11607_6_F3.8_GIS_v2_1

Fingerboards Mineral Sands Project
Environment Effects Statement

**Indicative mining locations
(year 1)**

Figure No:
3.8



WOR Reference: 754-ENAUABTF11607_6_GIS_F3.9_v2_1

Source:
Mining sequence, layout from Kalbar
Imagery from Google Earth (Capture date 23/12/2016)

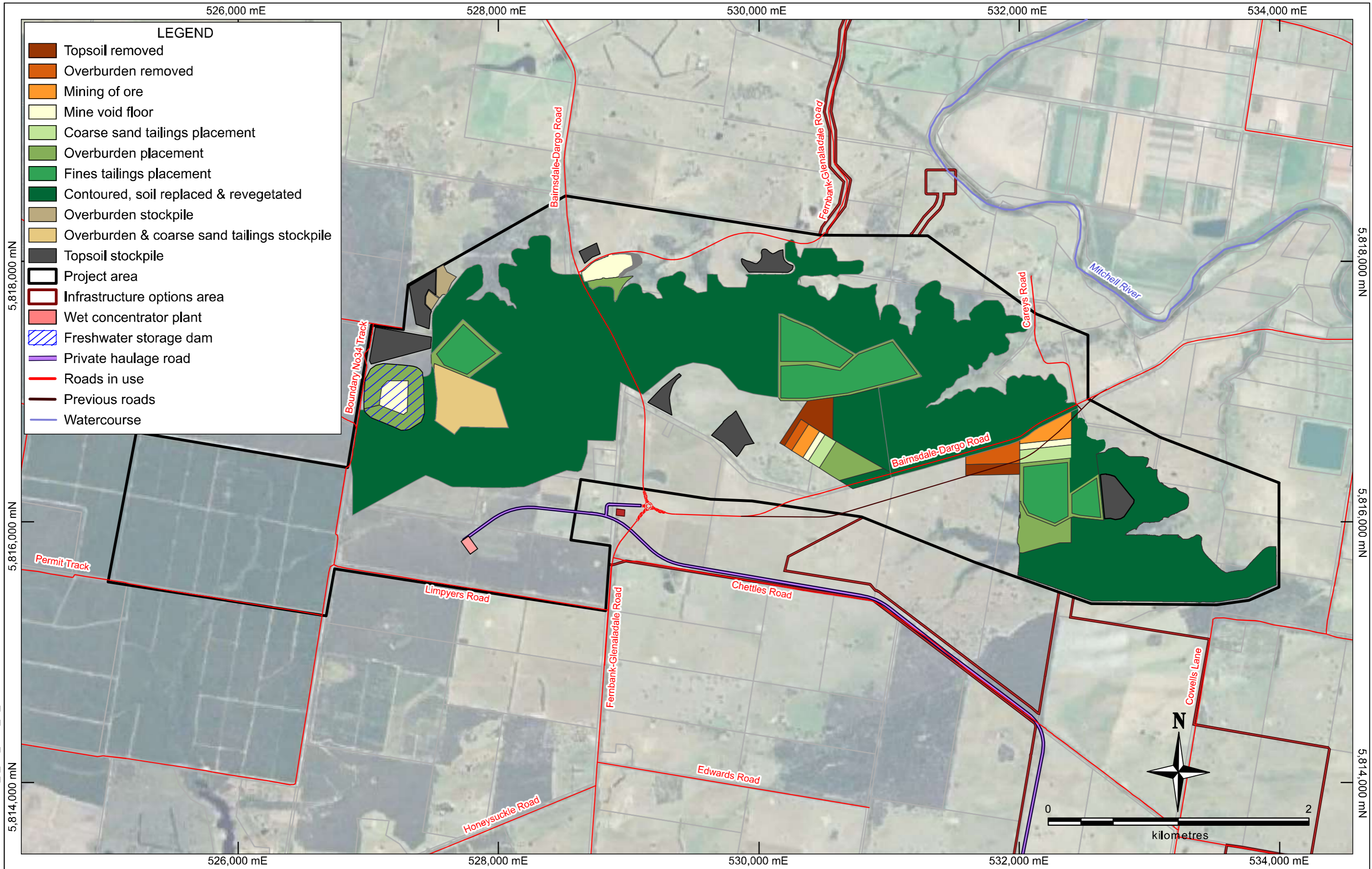


Date:
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754-ENAUABTF11607
File Name:
11607_6_F3.9_GIS_v2_1

Fingerboards Mineral Sands Project
Environment Effects Statement

Indicative mining locations
(year 5)

Figure No:
3.9



WOR Reference: 754-ENAUABTF11607_6_GIS_F3.10_v2_1

Source:
 Mining sequence, layout from Kalbar
 Imagery from Google Earth (Capture date 23/12/2016)

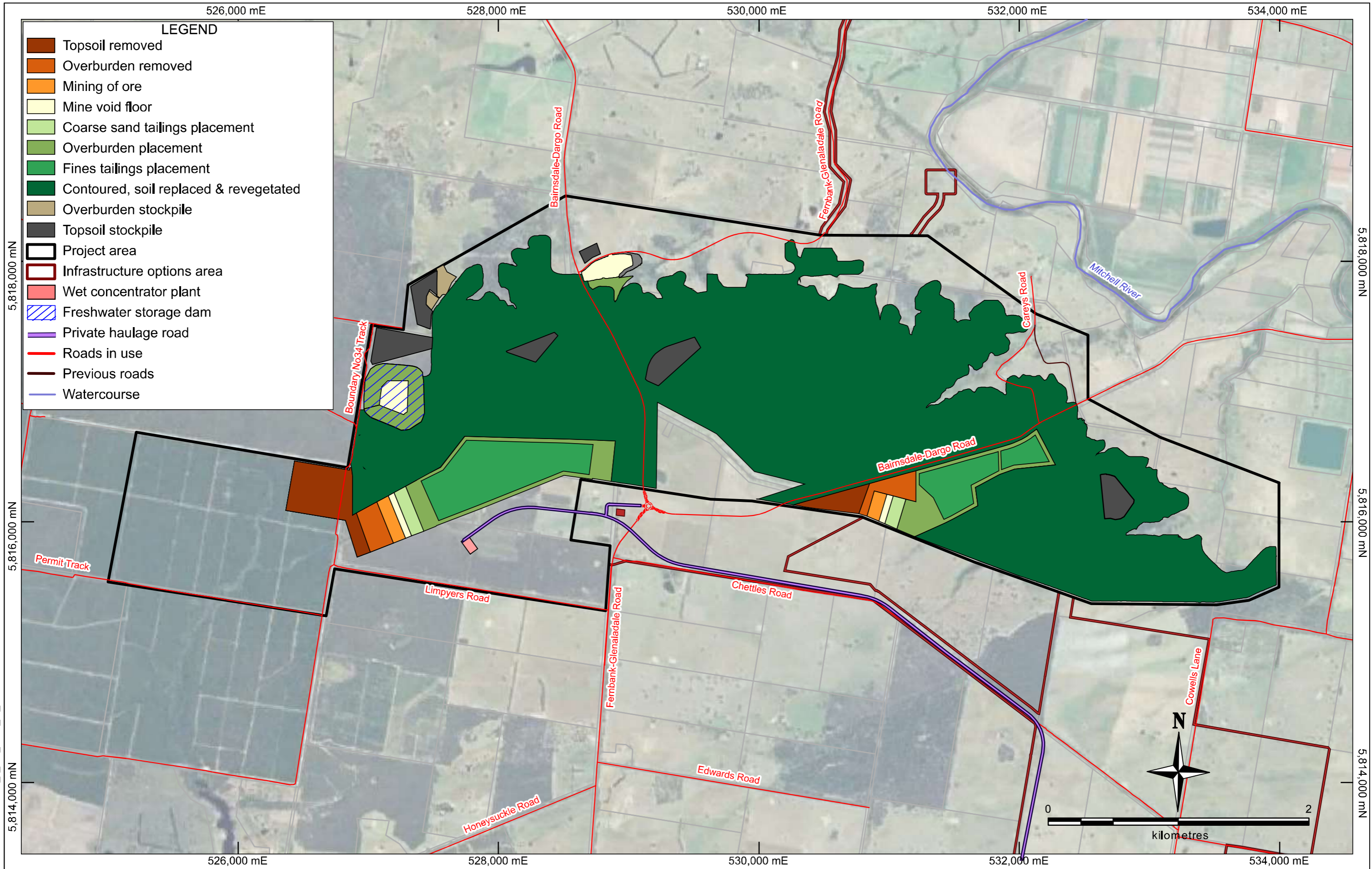
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 24/03/2020
 Project Number:
 754-ENAUABTF11607
 File Name:
 11607_6_F3.10_GIS_v2_1

Fingerboards Mineral Sands Project
Environment Effects Statement

Indicative mining locations
(year 8)

Figure No:
3.10



WOR Reference: 754-ENAUABTF11607_6_GIS_F3.11_v2_1

Source:
 Mining sequence, layout from Kalbar
 Imagery from Google Earth (Capture date 23/12/2016)

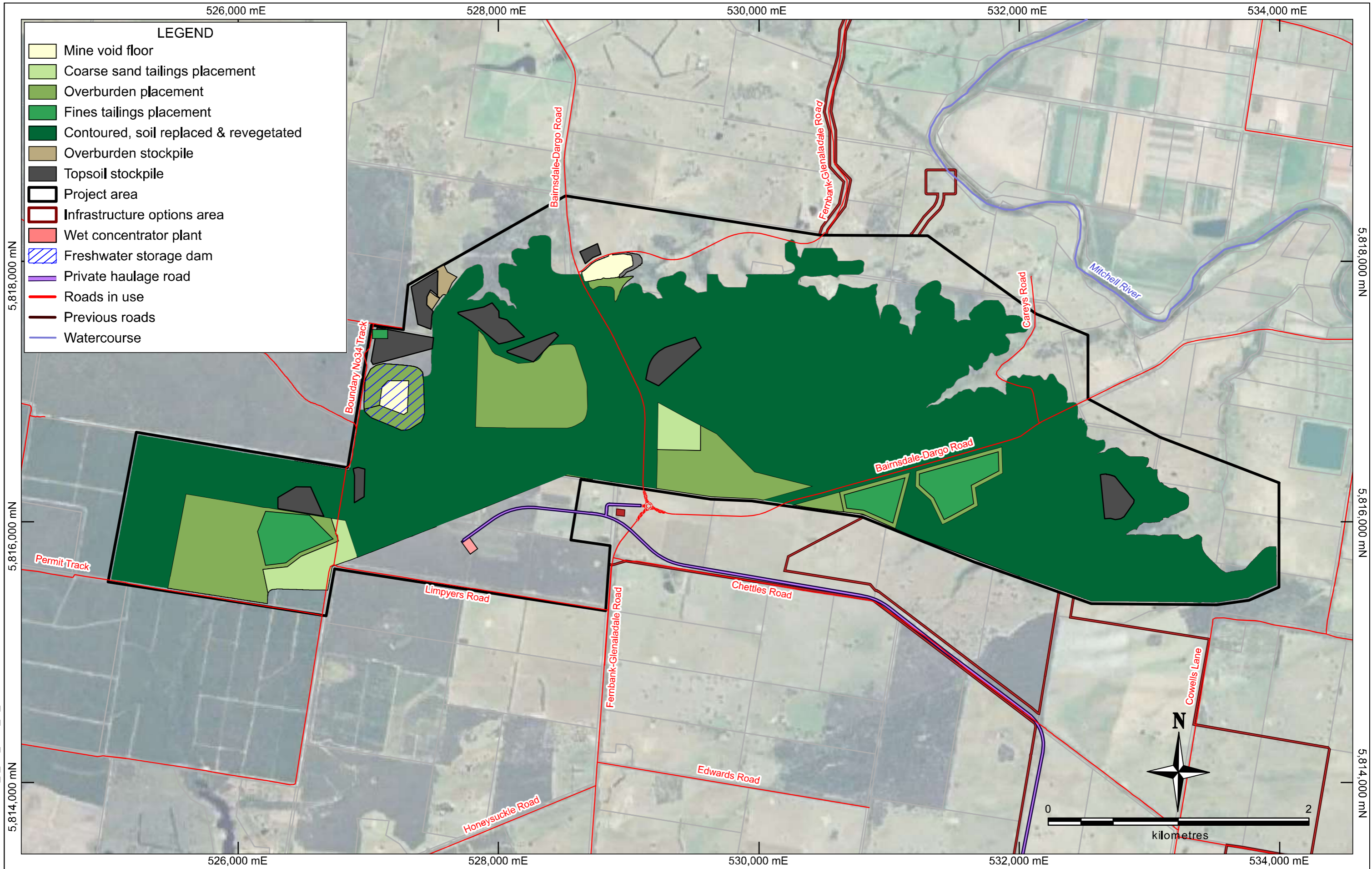
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Date:
 24/03/2020
 Project Number:
 754-ENAUABTF11607
 File Name:
 11607_6_F3.11_GIS_v2_1

Fingerboards Mineral Sands Project
Environment Effects Statement

Indicative mining locations
(year 12)

Figure No:
 3.11



WOR Reference: 754-ENAUABTF11607_6_GIS_F3.12_v2_1

Source:
 Mining sequence, layout from Kalbar
 Imagery from Google Earth (Capture date 23/12/2016)

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 Project Number:
 754-ENAUABTF11607
 File Name:
 11607_6_F3.12_GIS_v2_1

Fingerboards Mineral Sands Project
Environment Effects Statement

Indicative mining locations
(year 15)

Figure No:
3.12