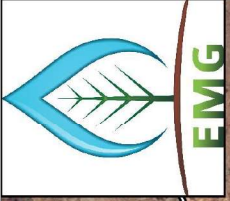


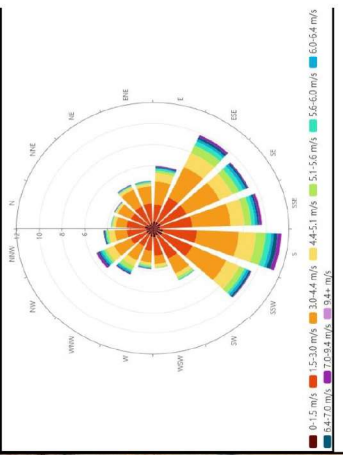
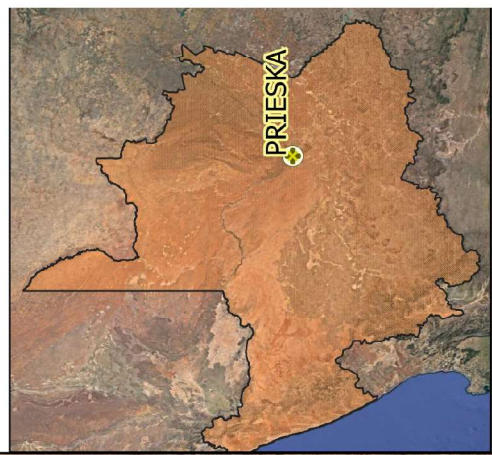
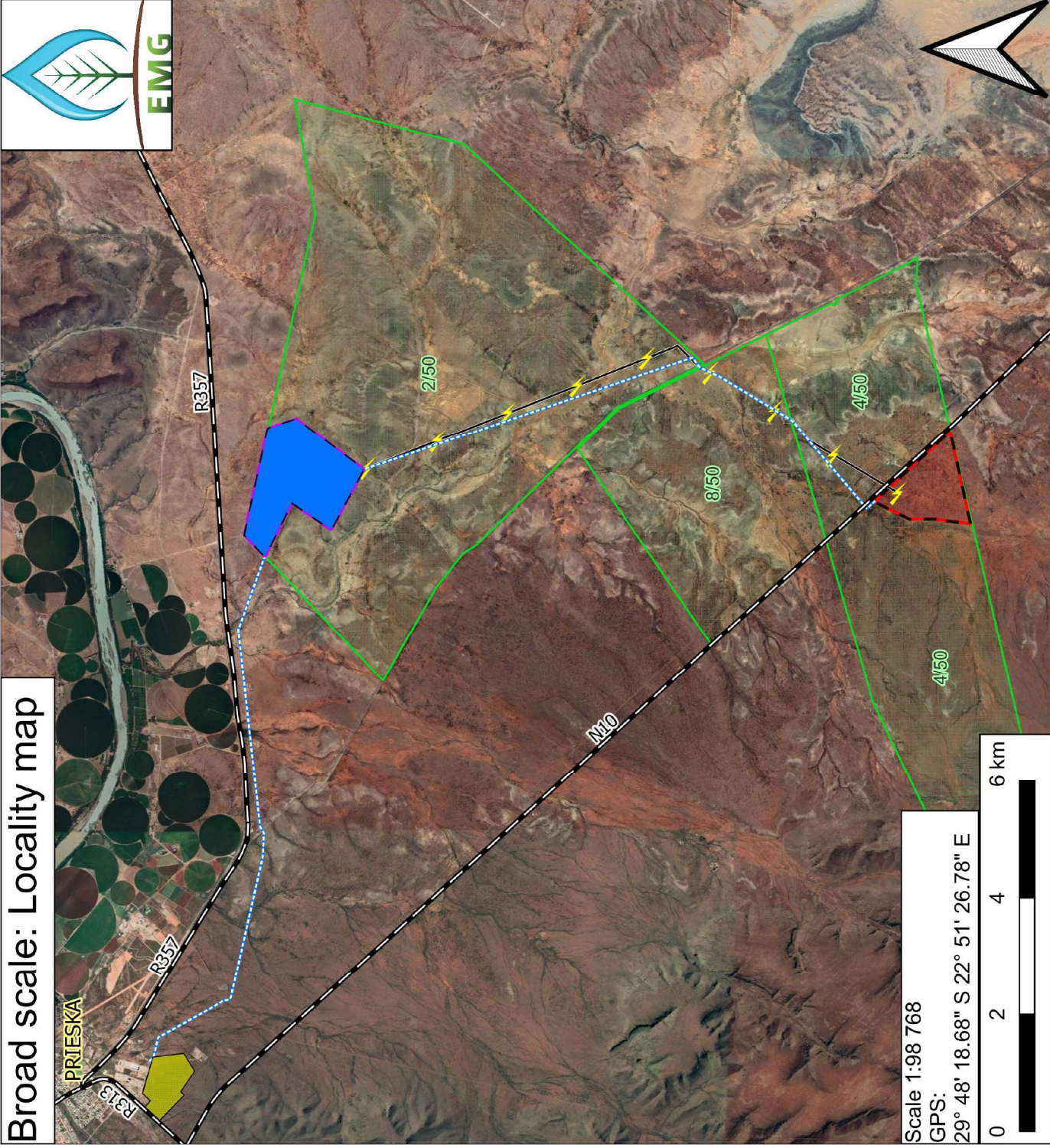
Appendix A

Maps

Broad scale: Locality map

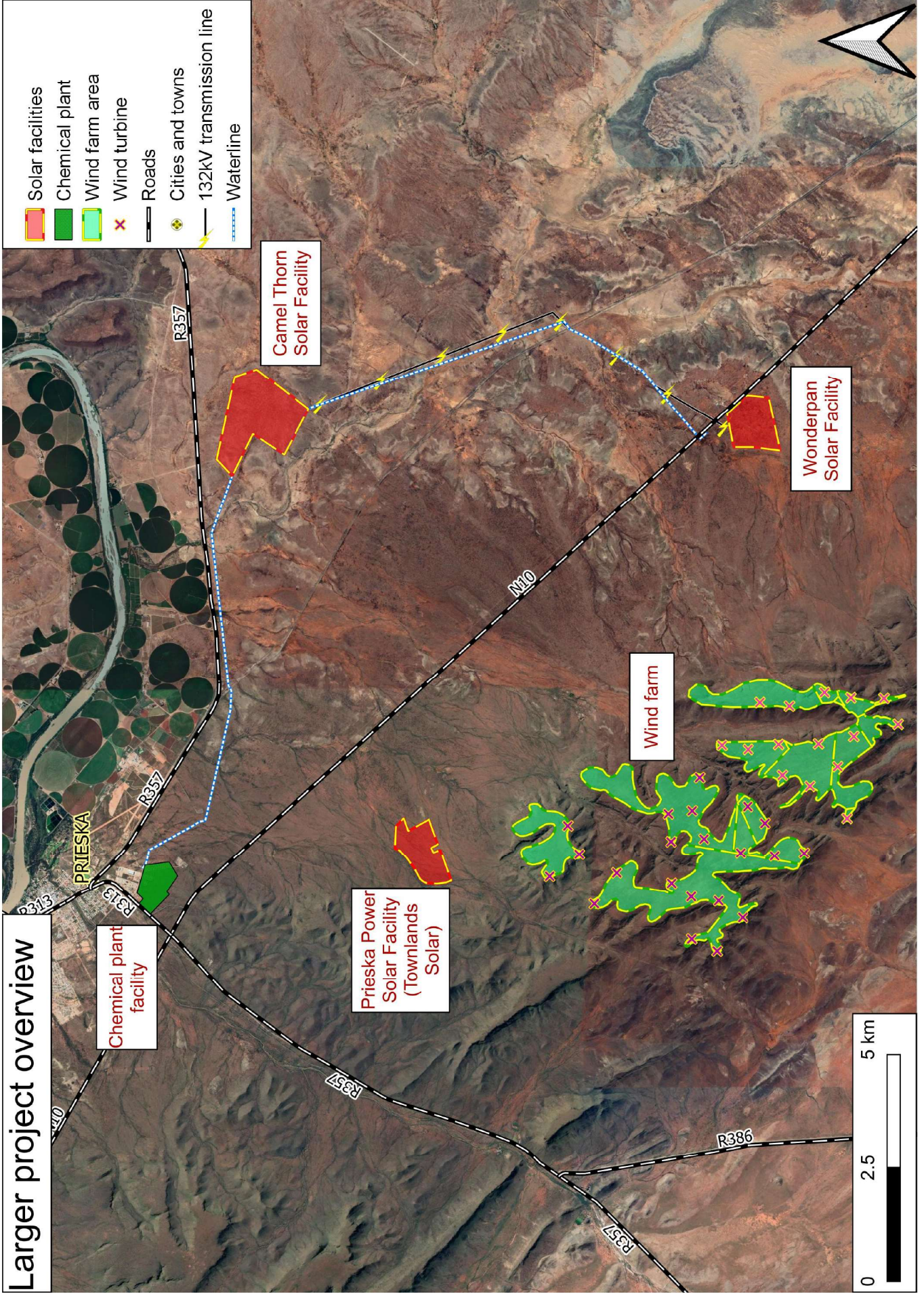


- Affected properties
- Wonderpan solar facility
- Camel thorn solar facility
- Roads
- Cities and towns
- 132kV transmission line
- Waterline
- Chemical plant

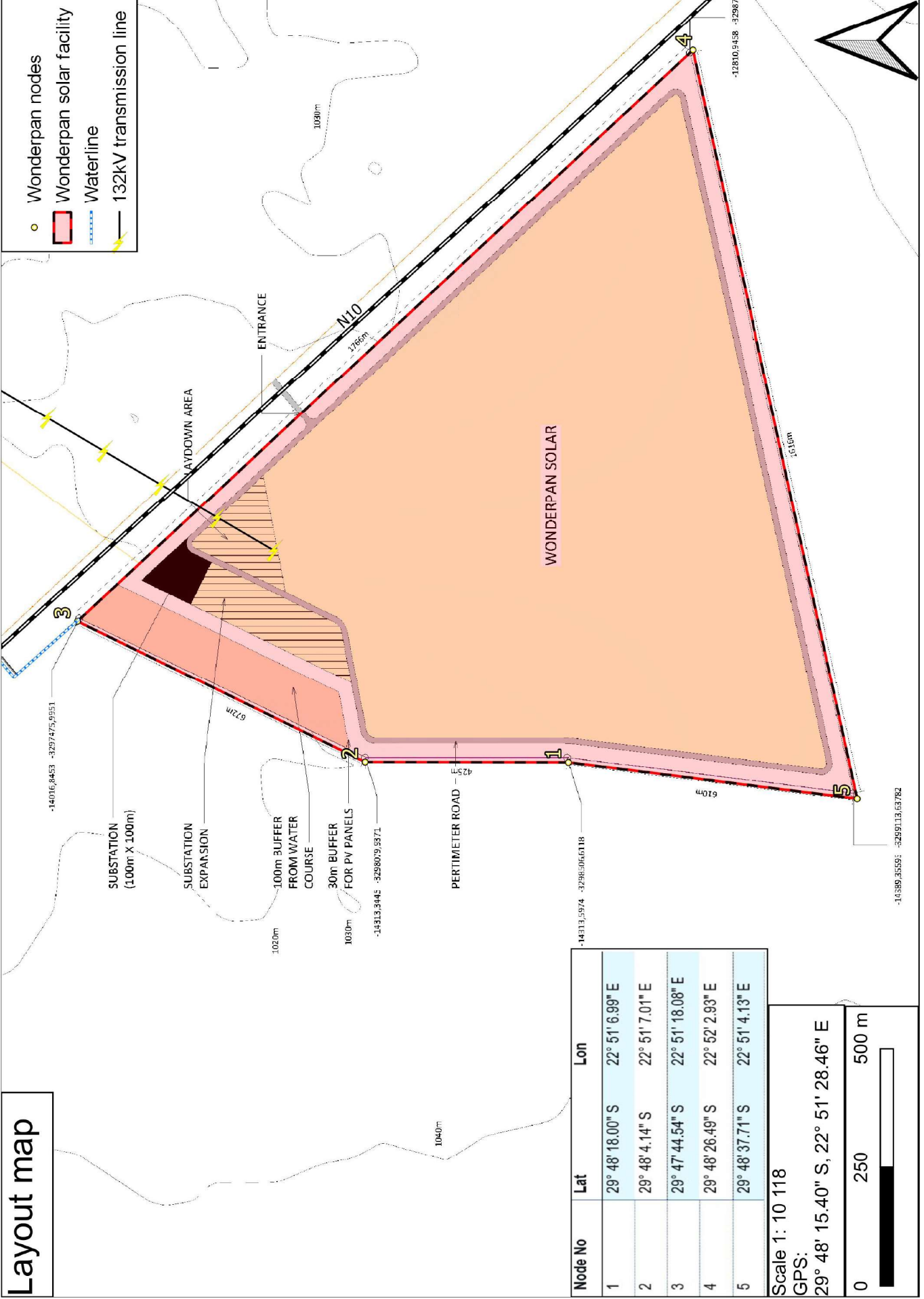


Scale 1:98 768
 GPS: 29° 48' 18.68" S 22° 51' 26.78" E

Larger project overview



Layout map

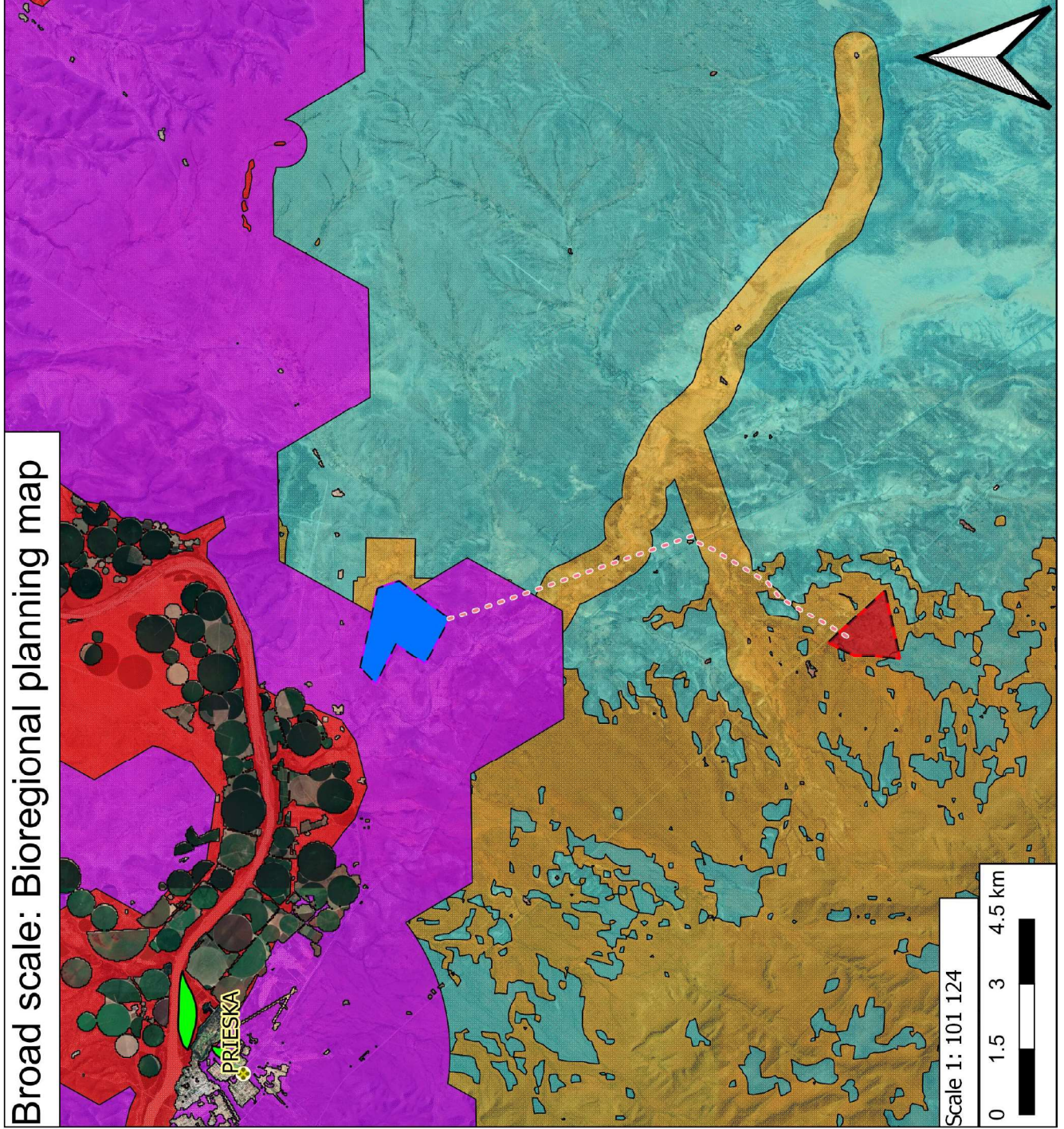













Node No	Lat	Lon
1	29° 48' 18.00" S	22° 51' 6.99" E
2	29° 48' 4.14" S	22° 51' 7.01" E
3	29° 47' 44.54" S	22° 51' 18.08" E
4	29° 48' 26.49" S	22° 52' 2.93" E
5	29° 48' 37.71" S	22° 51' 4.13" E

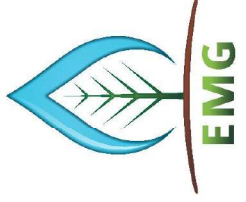
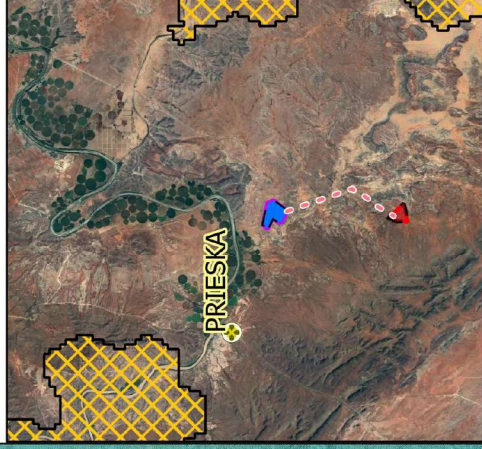
Scale 1: 10 118
 GPS:
 29° 48' 15.40" S, 22° 51' 28.46" E

0 250 500 m

Broad scale: Bioregional planning map



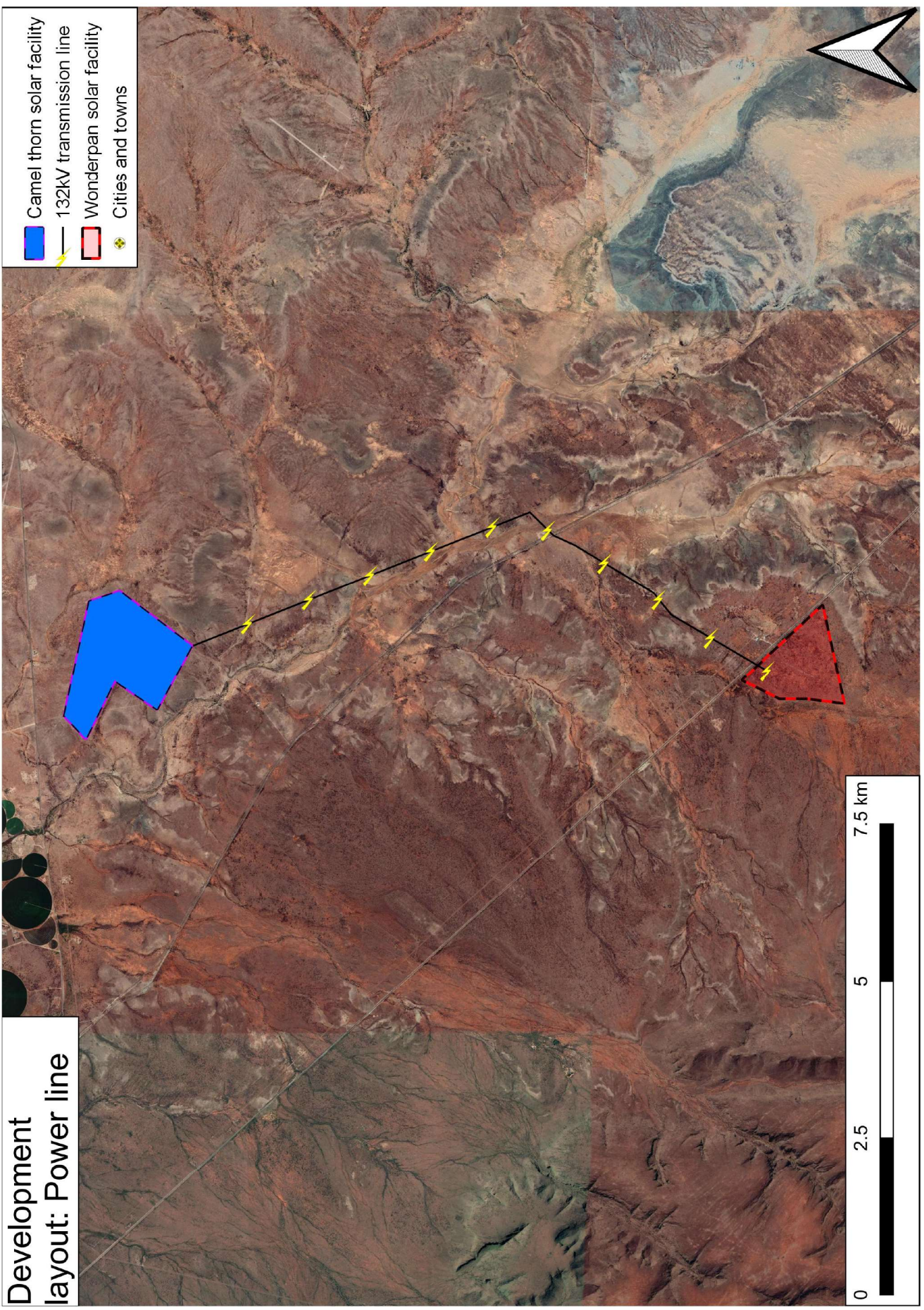
-  Wonderpan solar facility
-  Camel thorn solar facility
-  33KV power line
-  Cities and towns
-  SAPAD 2021 Q4
-  SA NPAES
-  Northern Cape CBA
-  Critical Biodiversity Area One
-  Critical Biodiversity Area Two
-  Ecological Support Area
-  Other Natural Areas



Scale 1: 101 124

0 1.5 3 4.5 km

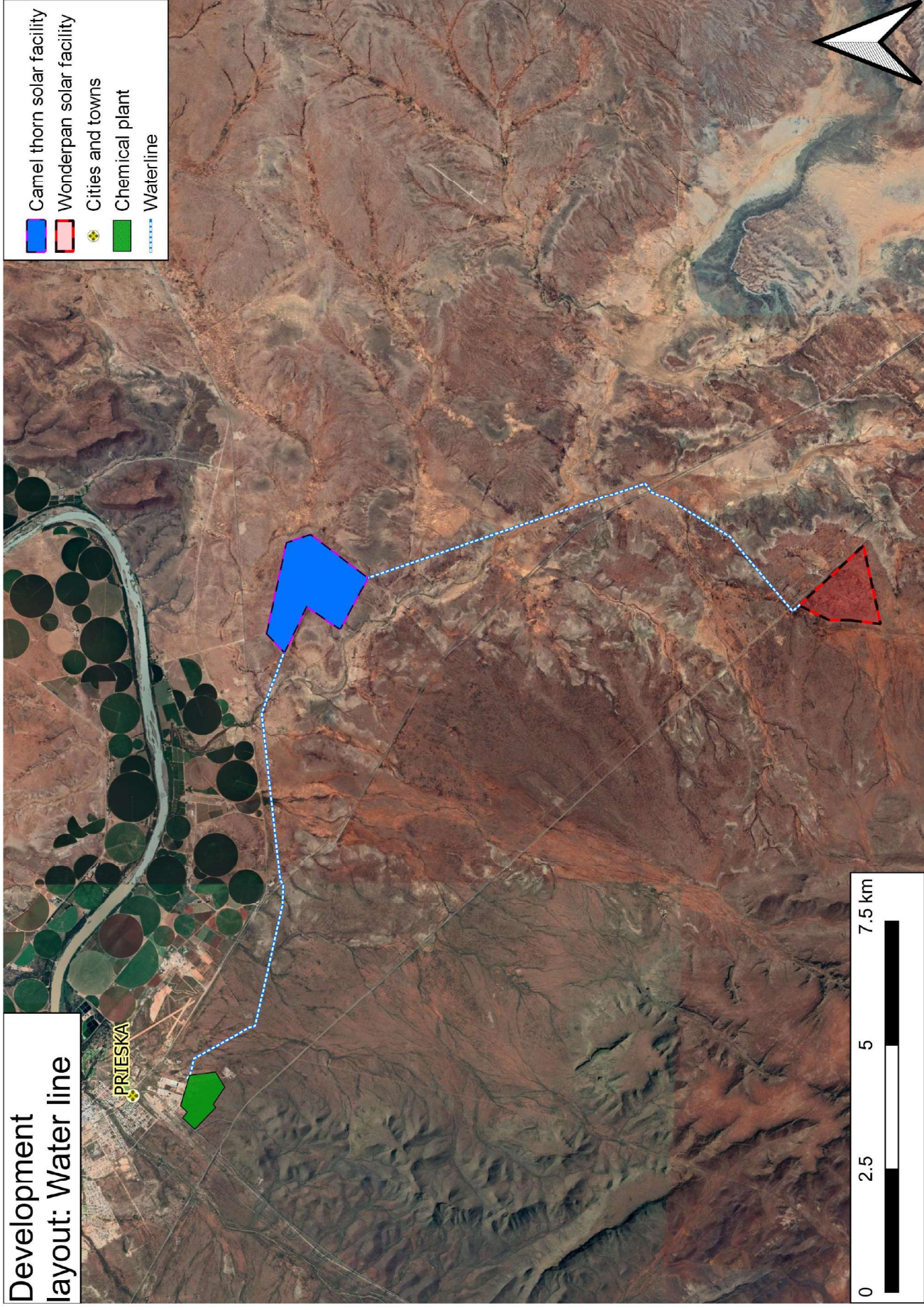
Development layout: Power line



Development layout: Water line

PRIESKA

- Camel thorn solar facility
- Wonderpan solar facility
- Cities and towns
- Chemical plant
- Waterline



Appendix B
Site photographs

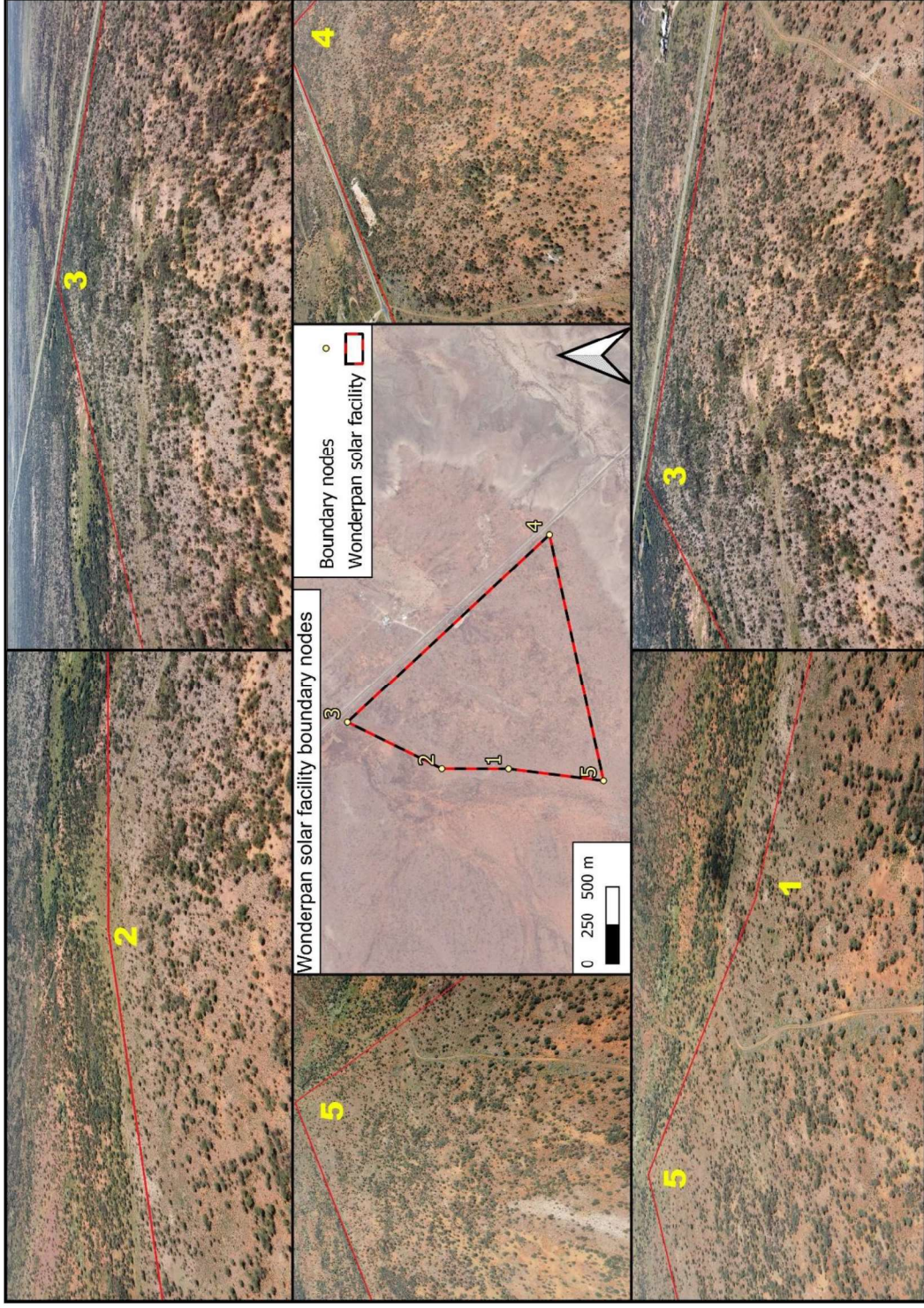


Figure: Overview map indicating the proposed Wonderpan site's boundary nodes and the aerial views of each node. Use the middle map for directional orientation.

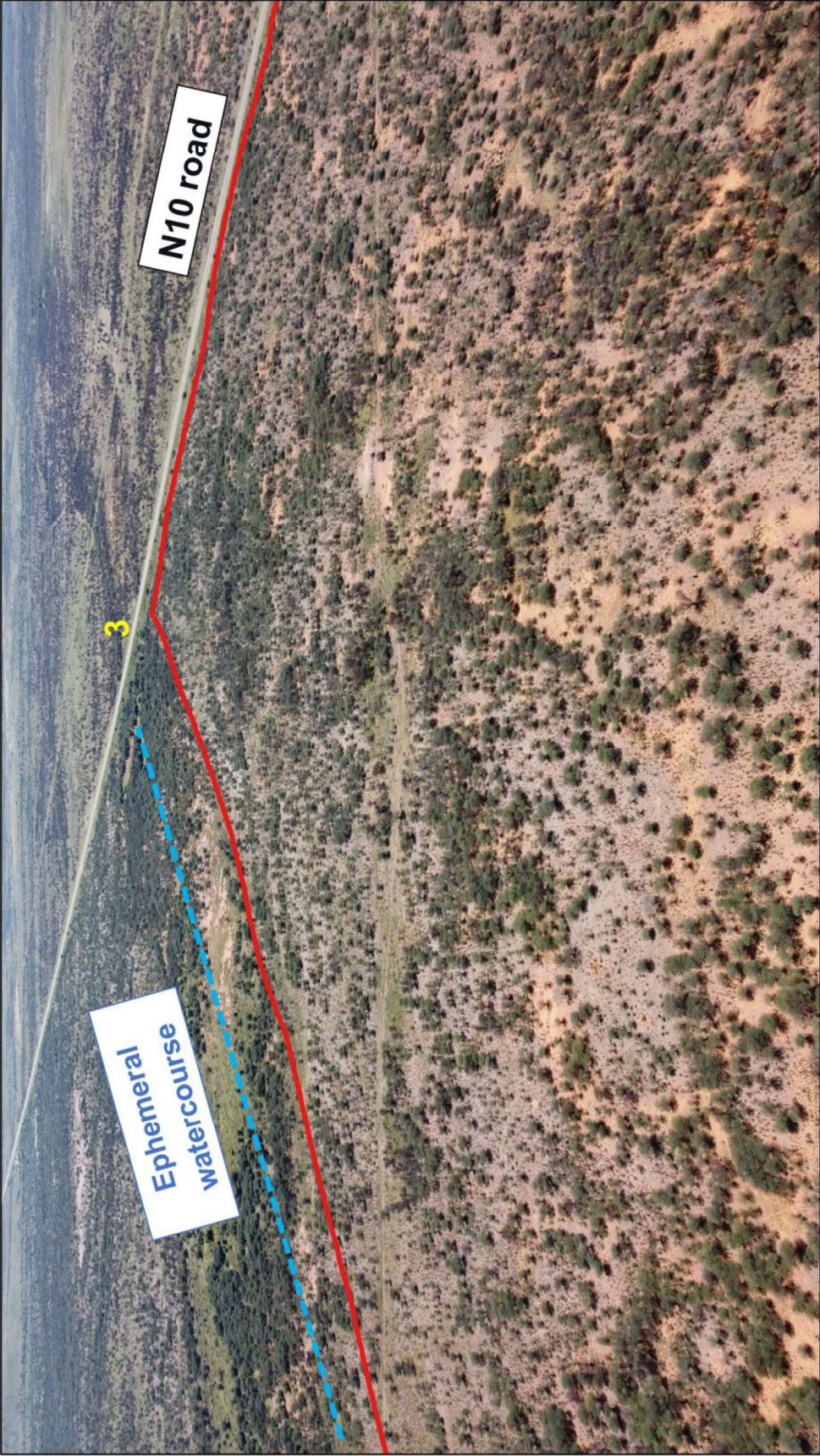


Figure: Site boundary with node 3. The N10 national road and the general area of the ephemeral watercourse is also indicated.

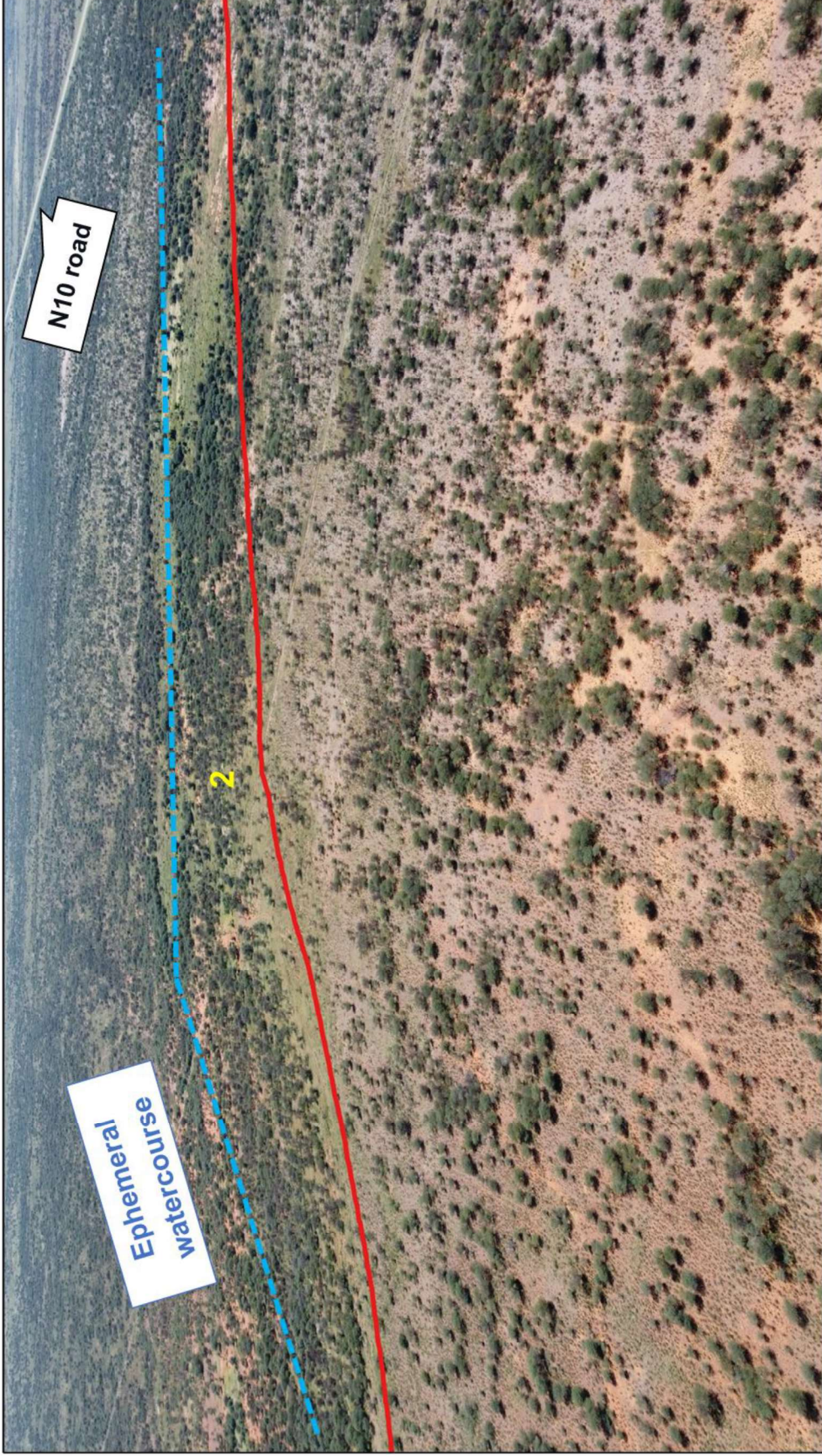


Figure: Site boundary with node 2. The general area of the ephemeral watercourse and N10 road is indicated.

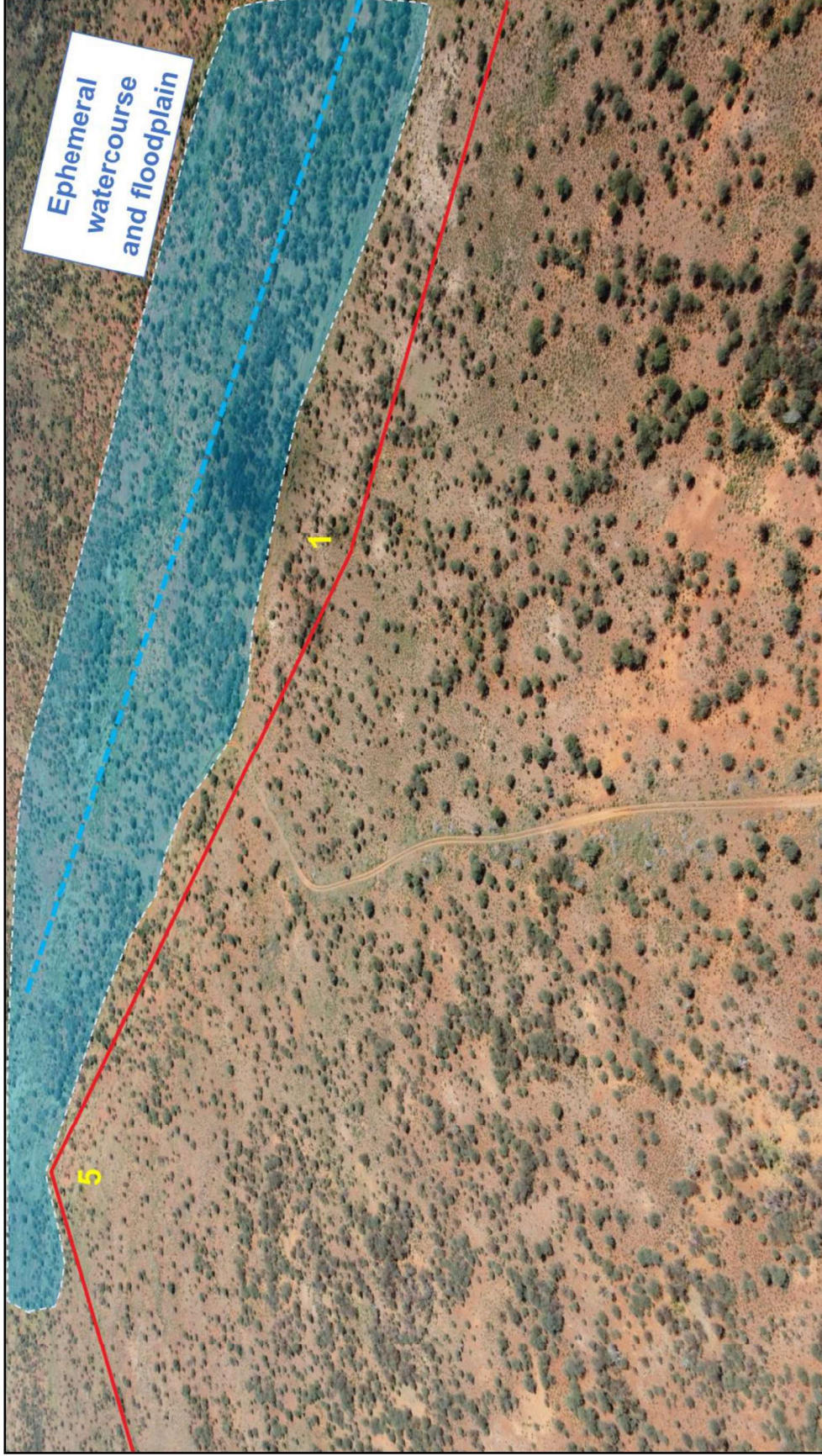


Figure: Site boundary and corners 5 and 1. The ephemeral watercourse and its associated floodplain's relative location is also indicated.



Figure: The boundary line between corners 5 (to the right) and 4 (to the left) is indicated. The numerous calcareous rich outcrops are also visible in this view.

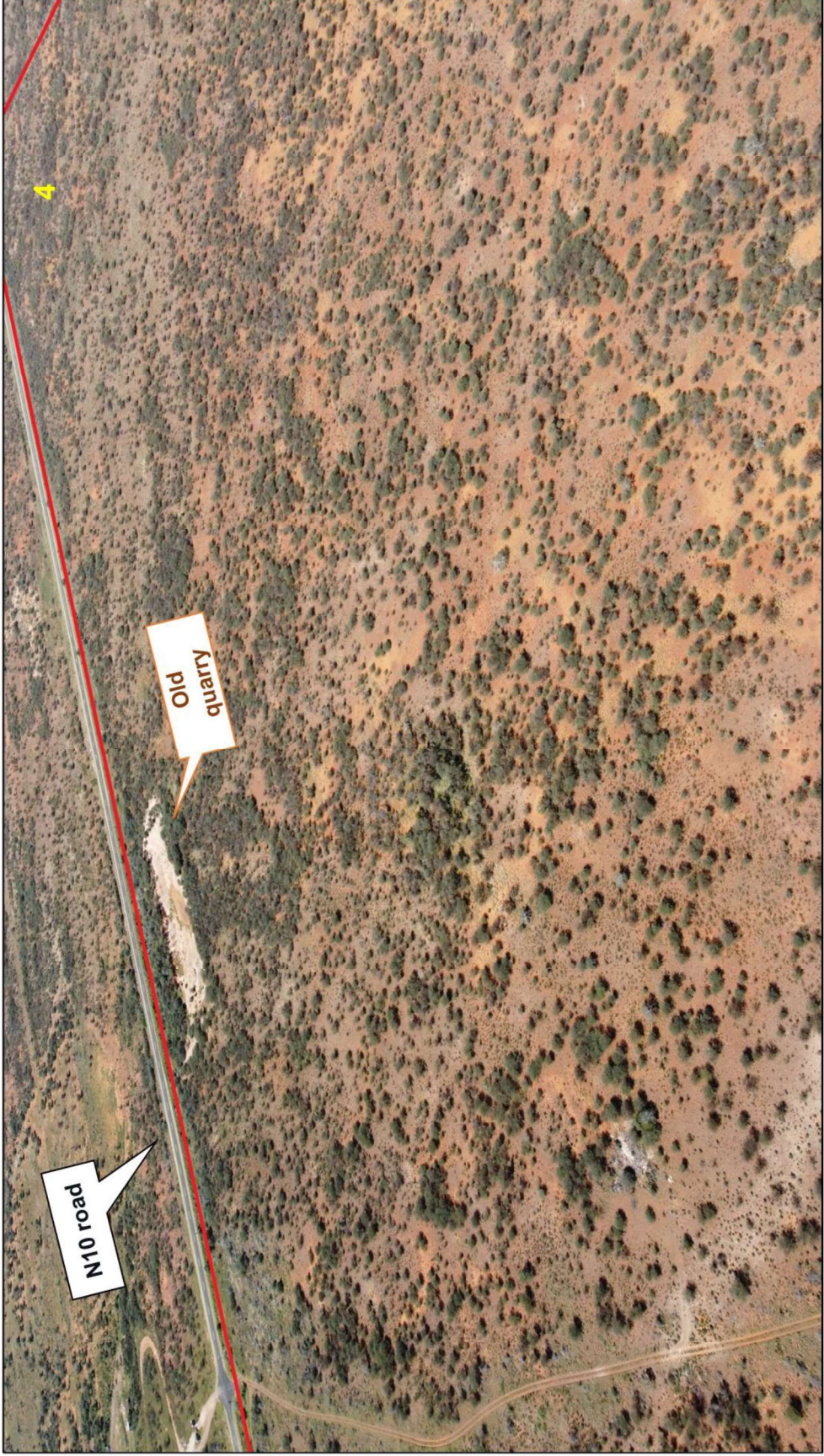


Figure: Site boundary and corner 4 are indicated in this view. The old quarry and the N10 national road is also visible in this view.

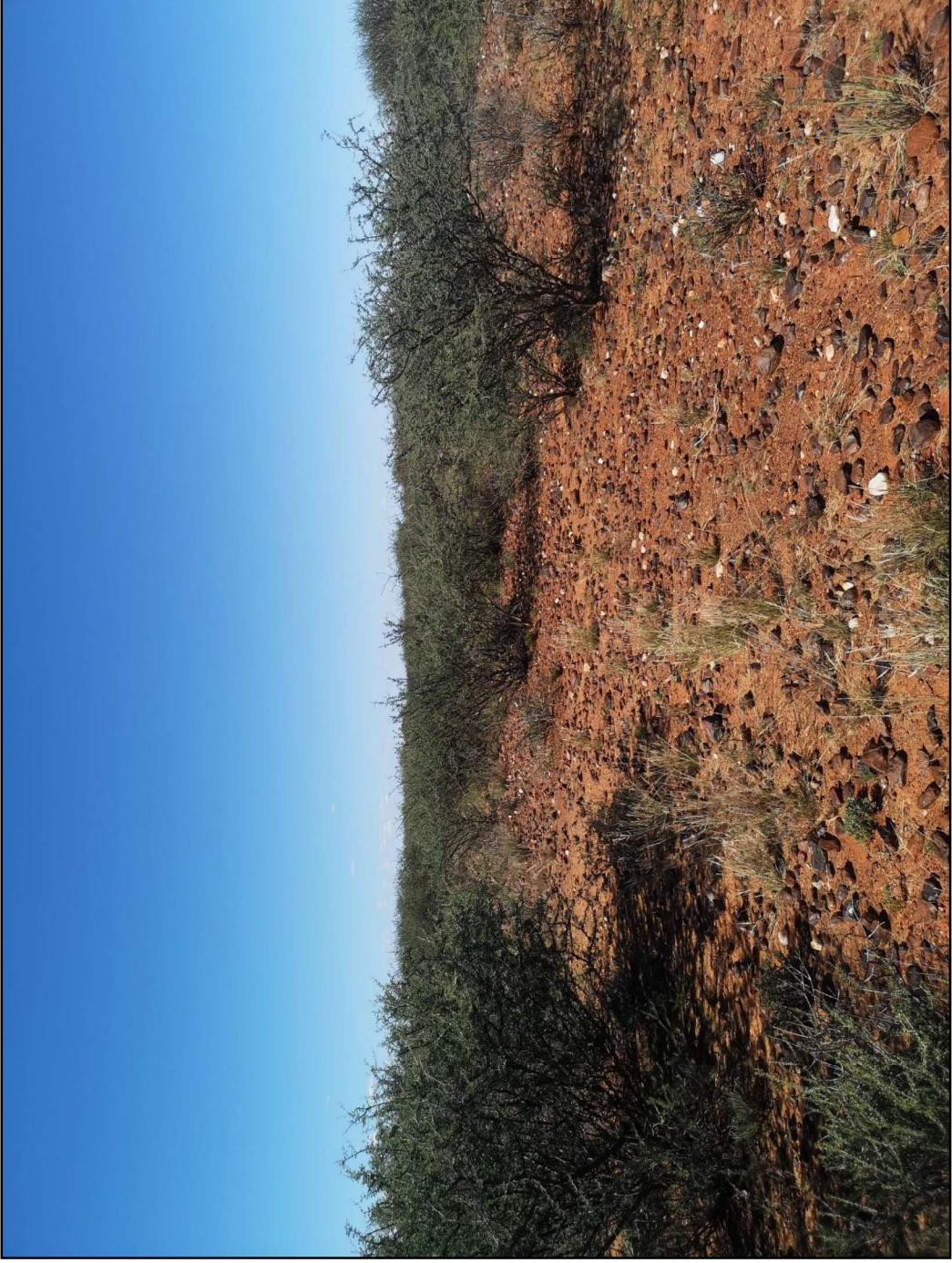


Figure: Ground view of the semi-closed shrubland habitat found in the site.

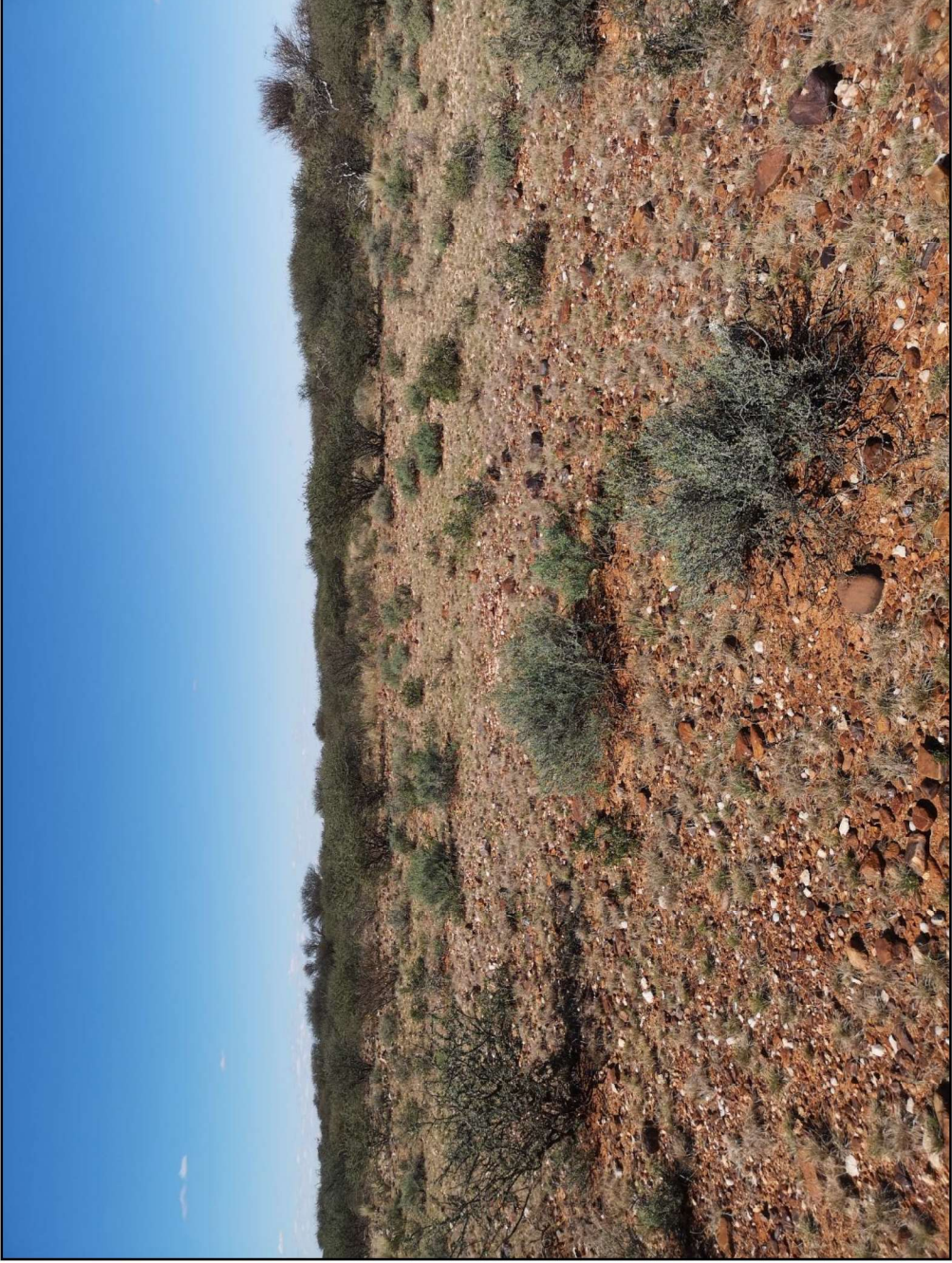


Figure: Ground view of the calcareous rich habitat found on site.



Figure: Aerial view of the environment along a portion of the power line. The orange dot and yellow triangle indicate the view's locality and orientation.

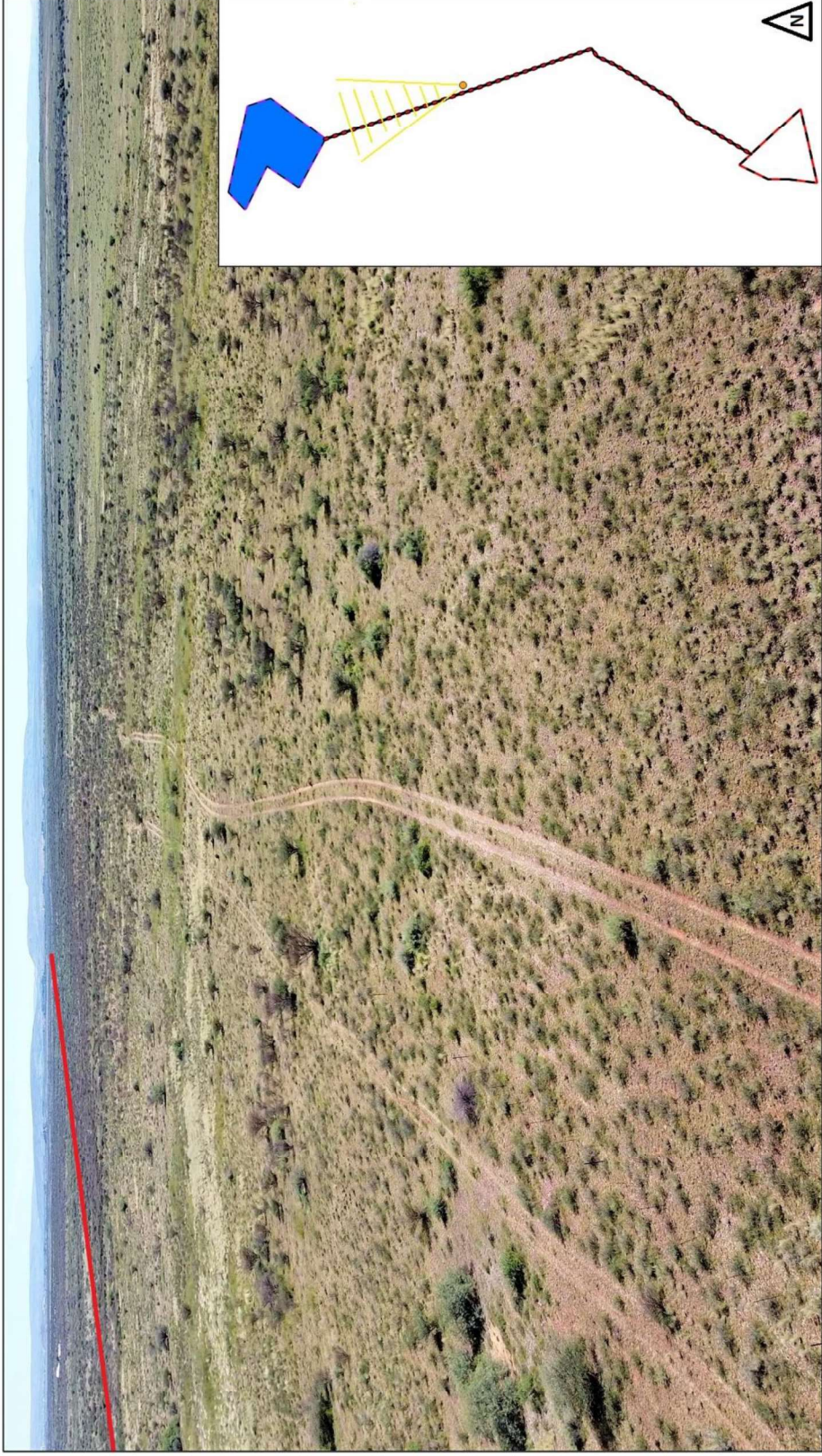


Figure: Aerial view of the environment along a portion of the power line. The orange dot and yellow triangle indicate the view's locality and orientation.

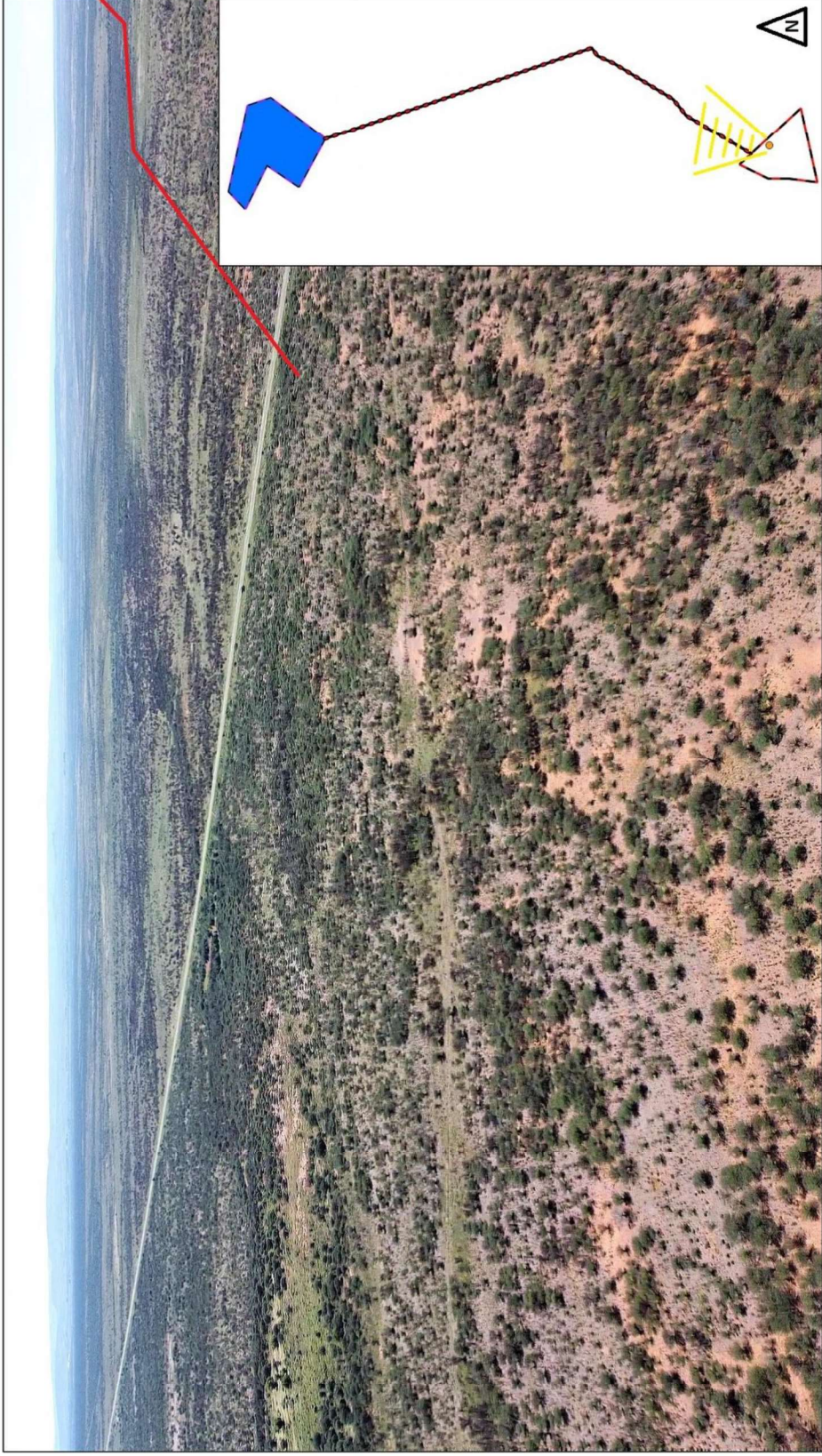
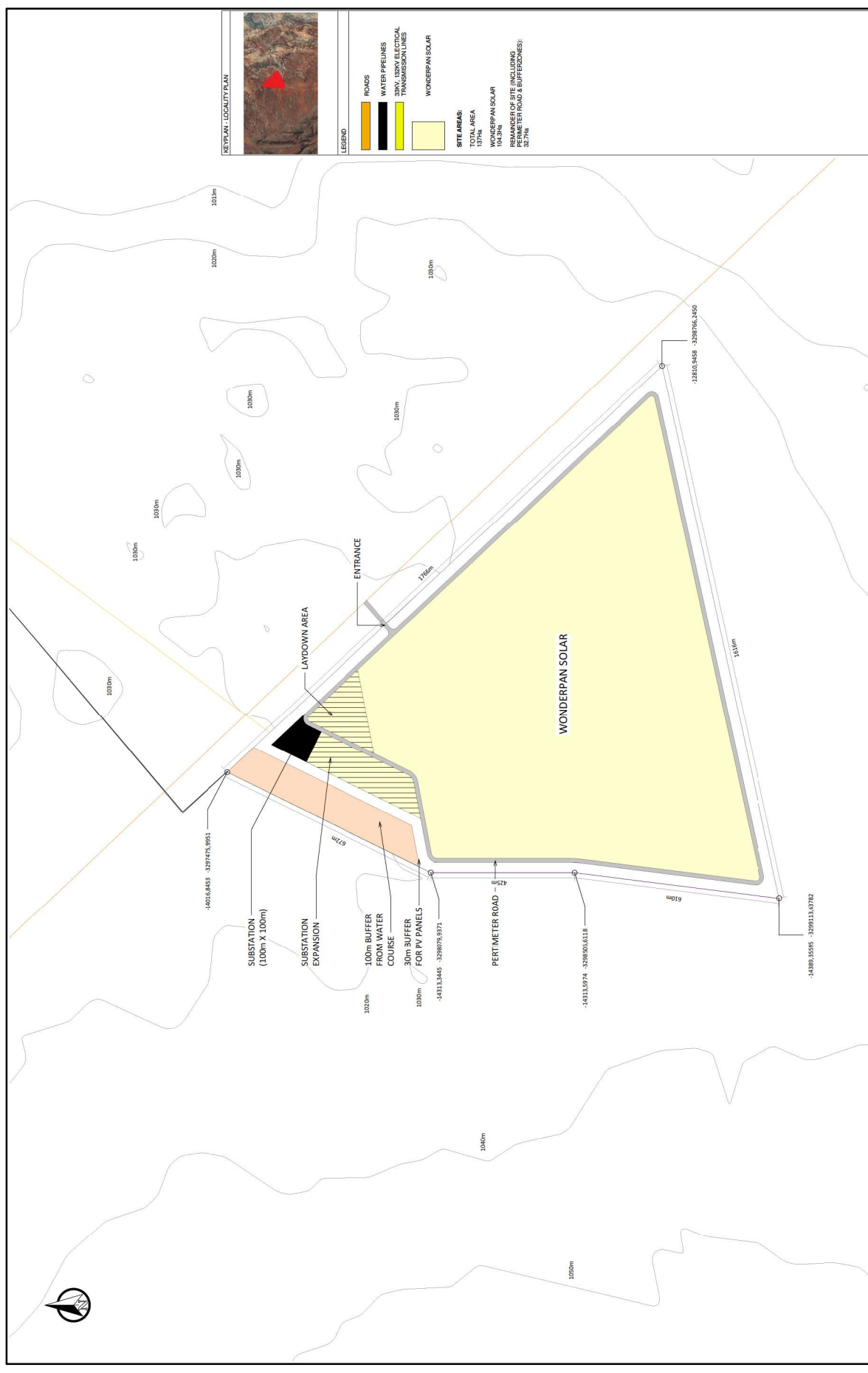


Figure: Aerial view of the environment along a portion of the power line located near the proposed Wonderpan site. The orange dot and yellow triangle indicate the view's locality and orientation.

Appendix C
Facility Illustration (s)



KEY PLAN - LOCALITY PLAN

LEGEND

- ROADS
- WATER PIPELINES
- 33KV, 125KV ELECTRICAL TRANSMISSION LINES
- WONDERPAN SOLAR

SITE AREAS

- 100m BUFFER AREA
- 100m X 100m
- WONDERPAN SOLAR
- 103.34ha
- REMAINDER OF SITE INCLUDING 100m BUFFER (PER ROAD & BUFFERZONES): 32.71ha

DESIGNED	M. WALZER	DRAWN	J. JOHANN	CHECKED	M. WALZER
REV DATE	Issue Date	SCALE	1:5000	ORIGINAL SIZE	A1
DRAWING NUMBER			PPR-50-PRC-REV1-CD-6001		

DRAWING DESCRIPTION

WONDERPAN SOLAR - SITE LAYOUT

PROJECT

PRIESKA POWER RESERVE PHASE 1A

PR. ARCHITECTURE ENG	PR. ARCHITECTURE ENG	PR. ARCHITECTURE ENG	PR. ARCHITECTURE ENG
CLIENT	CLIENT	CLIENT	CLIENT

REVISION SCHEDULE	
NO.	DATE

CLIENT

SABS
150 9101

SMEC
18 SECOND AVENUE
WESTERN CAPE PROVINCE
WINDHOLM
TEL: 081 411 8700

- NOTES**
- 1.1 DO NOT SCALE THE DRAWINGS
 - 1.2 ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION
 - 1.3 ANY INCURRIES SHALL BE BROUGHT TO THE ATTENTION OF THE CLIENT
 - 1.4 THIS DRAWING OR PART THEREOF SHALL NOT BE USED FOR ANY OTHER INSTALLATION PROJECT OTHER THAN THAT ONE FOR WHICH IT WAS PREPARED
 - 1.5 THIS DRAWING FORMS PART OF THE SPECIFICATION AND SHALL BE USED IN CONJUNCTION WITH THE SAME

Legend

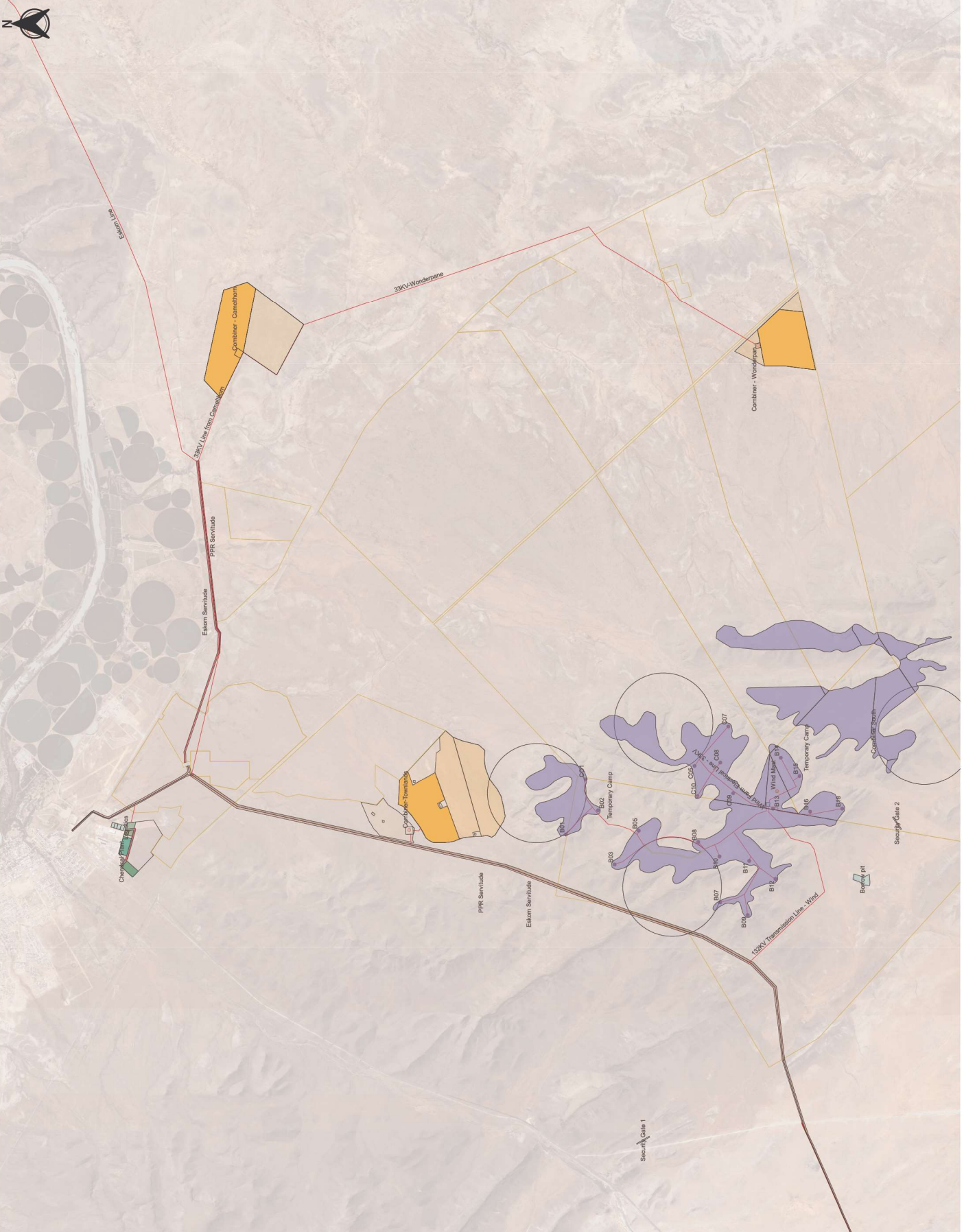
- 110KV/23KV
- 33KV
- PPR Servitude
- PPR Servitude
- Sham Servitude
- Wind Farm Area

1. Project Name
2. Project Location
3. Project Description
4. Project Status

Scale: 1:5000
Date: 2023-09-08
Author: [Name]
Reviewer: [Name]
Approved: [Name]

Sheet No: 2023-09-08

Project Name: Prieska Power Reserve
Project Location: Prieska
Project Description: Electrical Infrastructure Phase 1
Project Status: [Status]



Appendix D1
Terrestrial Ecological Report



EMG

ECOLOGICAL ASSESSMENT FOR
THE WONDERPAN PV SOLAR
FACILITY, PRIESKA, NORTHERN
CAPE

Prepared by: Ricus Nel, T- 083 279 5143

E- riel@envmgrp.com

41 Laan sonder naam, Groenvlei, Bloemfontein

Environmental
Management Group
July 2022

Appendix D
Specialist reports

Specialist investigator: Mr R Nel

South African Council for Natural Scientific Professions (SACNASP) in Ecological Science (Cand. Sci. Nat. 144943)

BSc. Honours majoring in Botany (Vegetation Ecology) – University of the Free State (2020)

BSc. Majoring in Botany and Zoology – University of the Free State (2019)

Declaration of independence:

I, the above-mentioned specialist investigator responsible for conducting this particular specialist ecological study, declare that

- I consider myself bound to the rules and ethics of the South African Council for Natural Scientific Professions (SACNASP);
- At the time of conducting the study and compiling this report I did not have any interest, hidden or otherwise, in the proposed development, except for financial compensation for work done in a professional capacity;
- Work performed for this study was done in an objective manner. Even if this study results in views and findings that are not favourable to the client/applicant, I will not be affected in any manner by the outcome of any environmental process of which this report may form a part;
- I declare that there are no circumstances that may compromise my objectivity in performing this specialist investigation. I do not necessarily object to or endorse the proposed development, but aim to present facts, findings and recommendations based on relevant professional experience, and scientific data;
- I do not have any influence over decisions made by the governing authorities;
- I have the necessary qualifications and guidance from professional experts (registered Pr. Nat. Sci.) in conducting specialist reports relevant to this application, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity
- This document and all information contained herein are and will remain the intellectual property of Environmental Management Group. This document, in its entirety or any portion thereof, may not be altered in any manner or form, for any purpose without the specific and written consent of the respective specialist investigator.



Ricus Nel

External report review:

Ecological report prepared by: Environmental Management Group (PTY) Ltd.
R Nel (SACNASP Cand. Sci. Nat. 144943)

Report prepared for: Prieska Power Reserve(PTY) Ltd.


Reviewer	Qualification	Professional registration	Signature
Corné Niemandt	MSc Plant Science	SACNASP Ecological Science 116598	

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