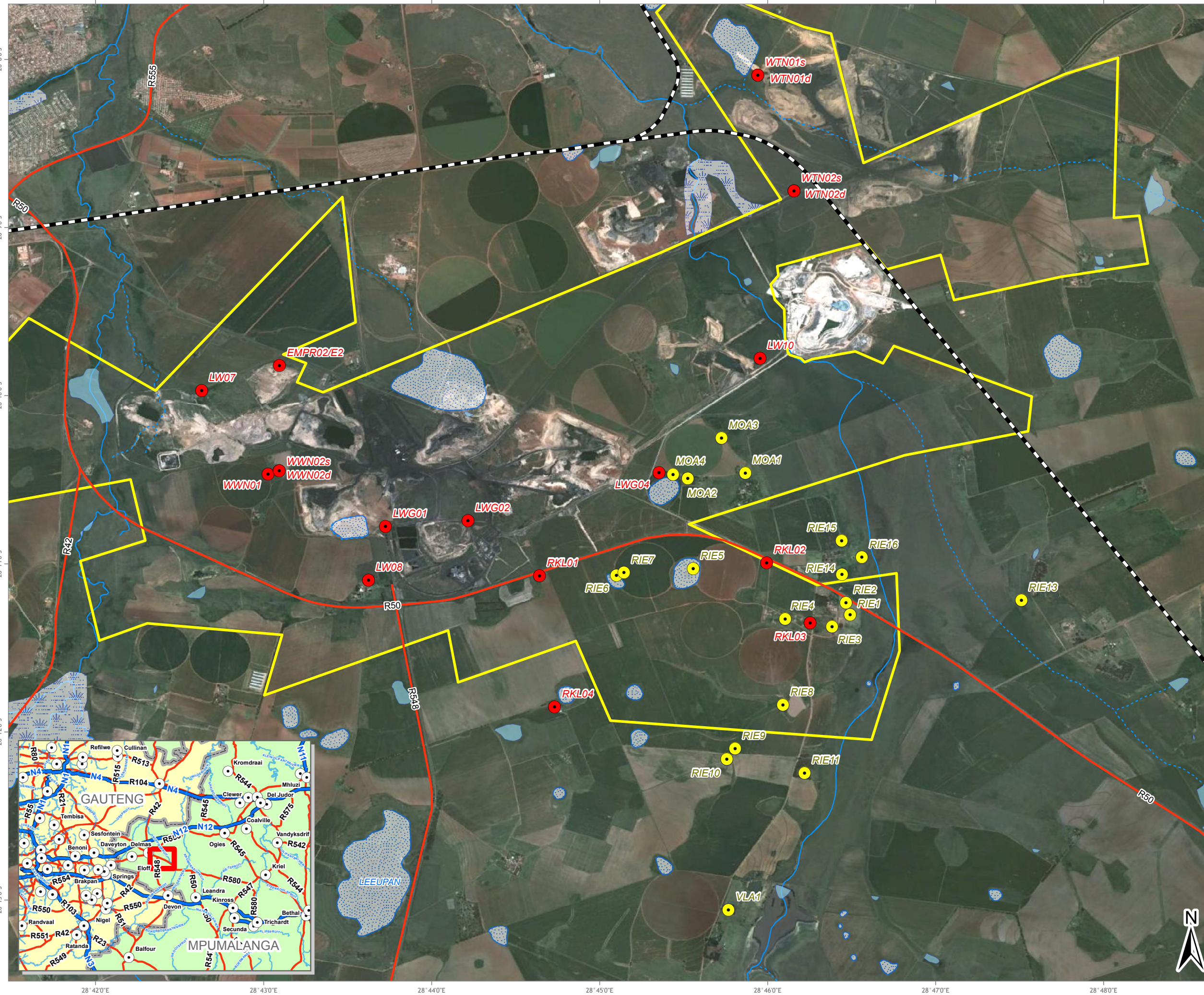




Appendix A

Figures

LEEUPAN COLLIERY: BOREHOLE LOCALITY



LEGEND

- Monitoring Boreholes
- Hydrocensus Boreholes

Road Network

- National Route
- Main Road

Rivers and Streams

- Non-Perennial
- Perennial

Inland Water

- Dams and lakes
- Marsh and swamps
- Non-perennial pans

- Mining Right Area

Data Sources: Google Earth™ mapping service: 2012
Imagery Date: 2011/12/18

Disclaimer:

FIGURE NO.:

MAP NUMBER: 11-447-20130304-01

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: P. SNYDERS
GIS TECHNICIAN

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 4 JANUARY 2013

CLIENT: EXXARO RESOURCES

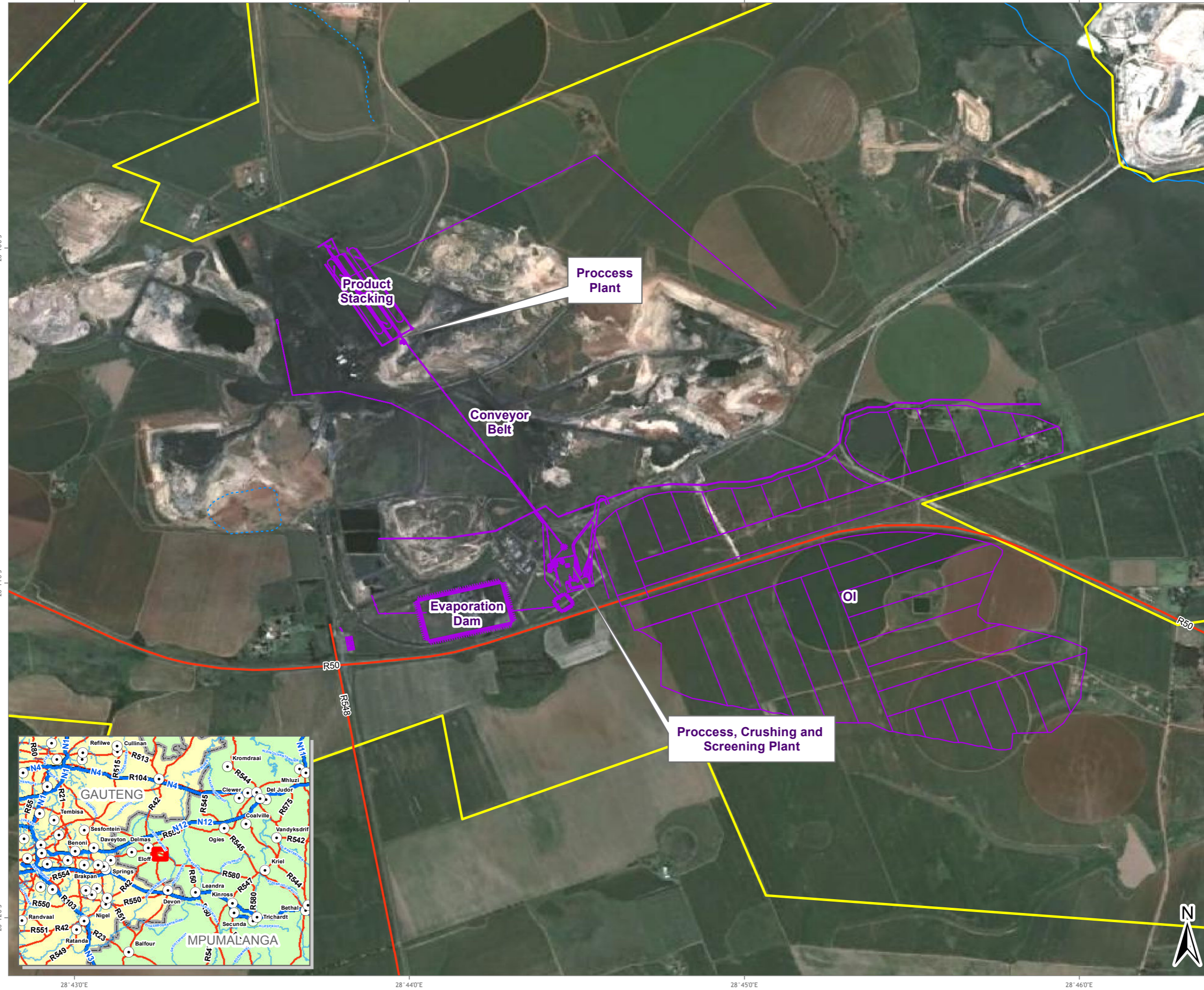
PROJECT: EXXARO LEEUWAN COAL: CONSOLIDATION OF EIA AND
EMP, PPP AND SPECIALIST INVESTIGATIONS (11-447)

SCALE: 1:40,000



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LEEUWPAN COLLIERY: PROPOSED INFRASTRUCTURE



LEGEND

Proposed Infrastructure

Railway Line

Road Network

National Route

Main Road

Rivers and Streams

Non-Perennial

Perennial

Mining Right Area

Data Sources: Google Earth™ mapping service: 2012
Imagery Date: 2011/12/18

Disclaimer:

FIGURE NO.:

MAP NUMBER: 11-447-20130104-05

DRAWN BY: B. BARTOVA
GIS TECHNOLOGIST

REVIEWED BY: P. SNYDERS
GIS TECHNICIAN

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 4 JANUARY 2013

CLIENT: EXXARO RESOURCES

PROJECT: EXXARO LEEUWPAN COAL: CONSOLIDATION OF EIA AND
EMP, PPP AND SPECIALIST INVESTIGATIONS (11-447)

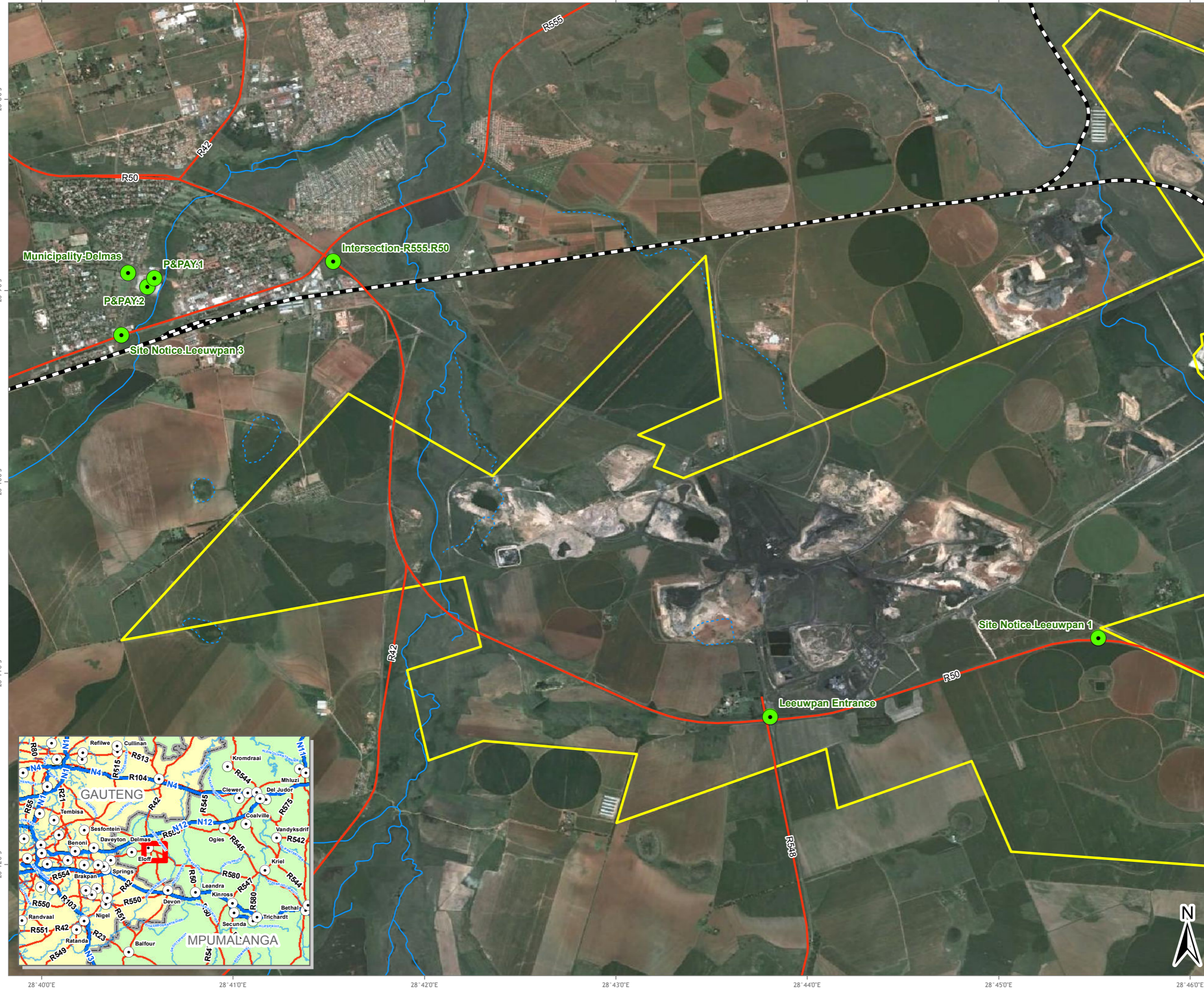
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0 0.25 0.5 1 Kilometers

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LEEUPWAN COLLIERY: SITE NOTICE LOCATIONS



LEGEND

- Site Notice Locations

- Road Network**
- National Route
- Main Road

- Rivers and Streams**
- - - Non-Perennial
- Perennial

- Mining Right Area

Data Sources: Google Earth™ mapping service: 2012
Imagery Date: 2011/12/18

Disclaimer:

FIGURE NO.:

MAP NUMBER: 11-447-20130304-01

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: P. SNYDERS
GIS TECHNICIAN

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 4 JANUARY 2013

CLIENT: EXXARO RESOURCES

PROJECT: EXXARO LEEUWPAN COAL: CONSOLIDATION OF EIA AND EMP, PPP AND SPECIALIST INVESTIGATIONS (11-447)

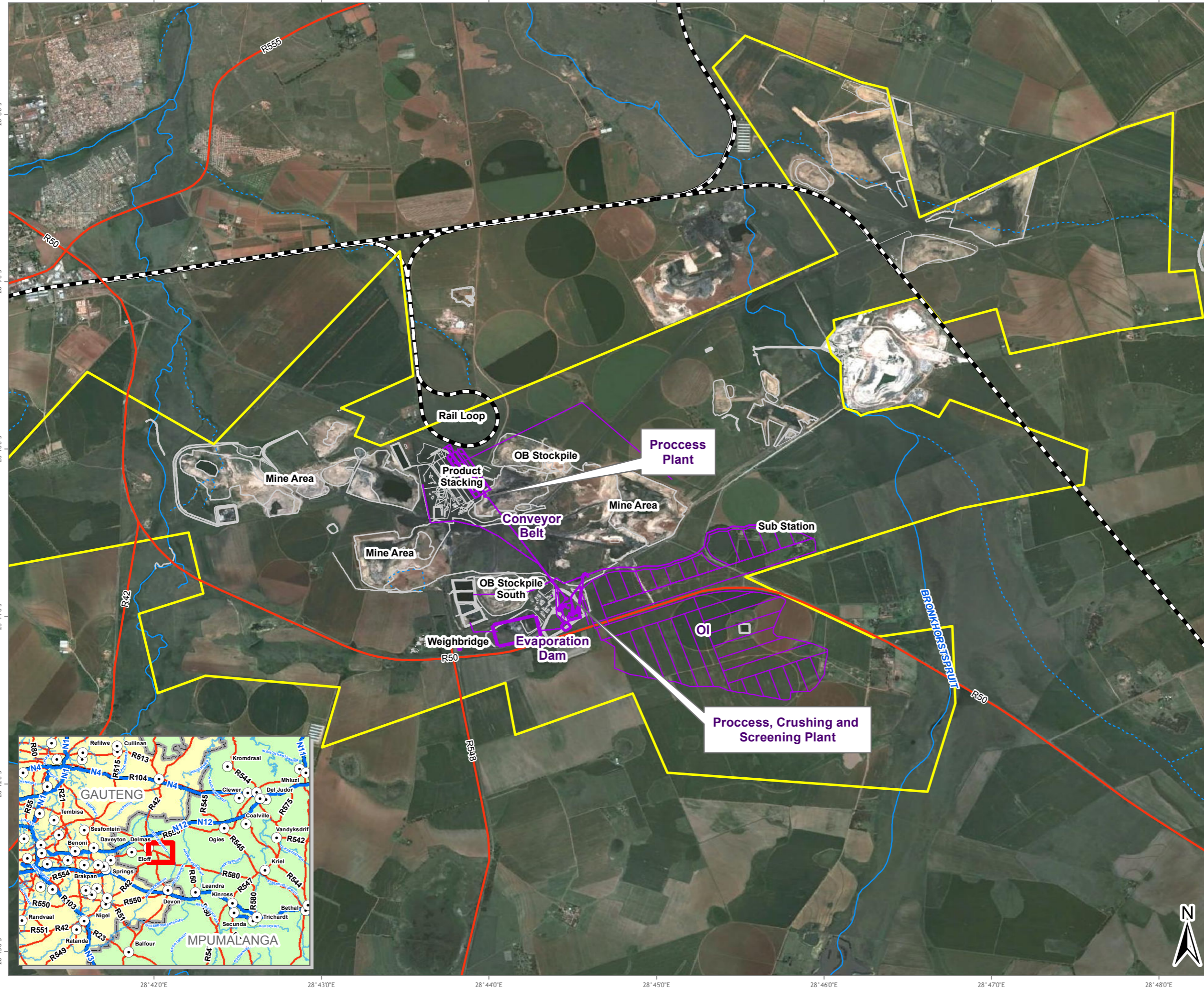
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LEEUWPAN COLLIERY: EXISTING AND PROPOSED INFRASTRUCTURE



LEGEND

- Existing Infrastructure
- Proposed Infrastructure
- Railway Line

Road Network

- National Route
- Main Road

Rivers and Streams

- Non-Perennial
- Perennial

Mining Right Area

Data Sources: Google Earth™ mapping service: 2012
Imagery Date: 2011/12/18

Disclaimer:

FIGURE NO.:

MAP NUMBER: 11-447-20130104-04

DRAWN BY: B. BARTOVA
GIS TECHNOLOGIST

REVIEWED BY: P. SNYDERS
GIS TECHNICIAN

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 4 JANUARY 2013

CLIENT: EXXARO RESOURCES

PROJECT: EXXARO LEEUWPAN COAL: CONSOLIDATION OF EIA AND EMP, PPP AND SPECIALIST INVESTIGATIONS (11-447)

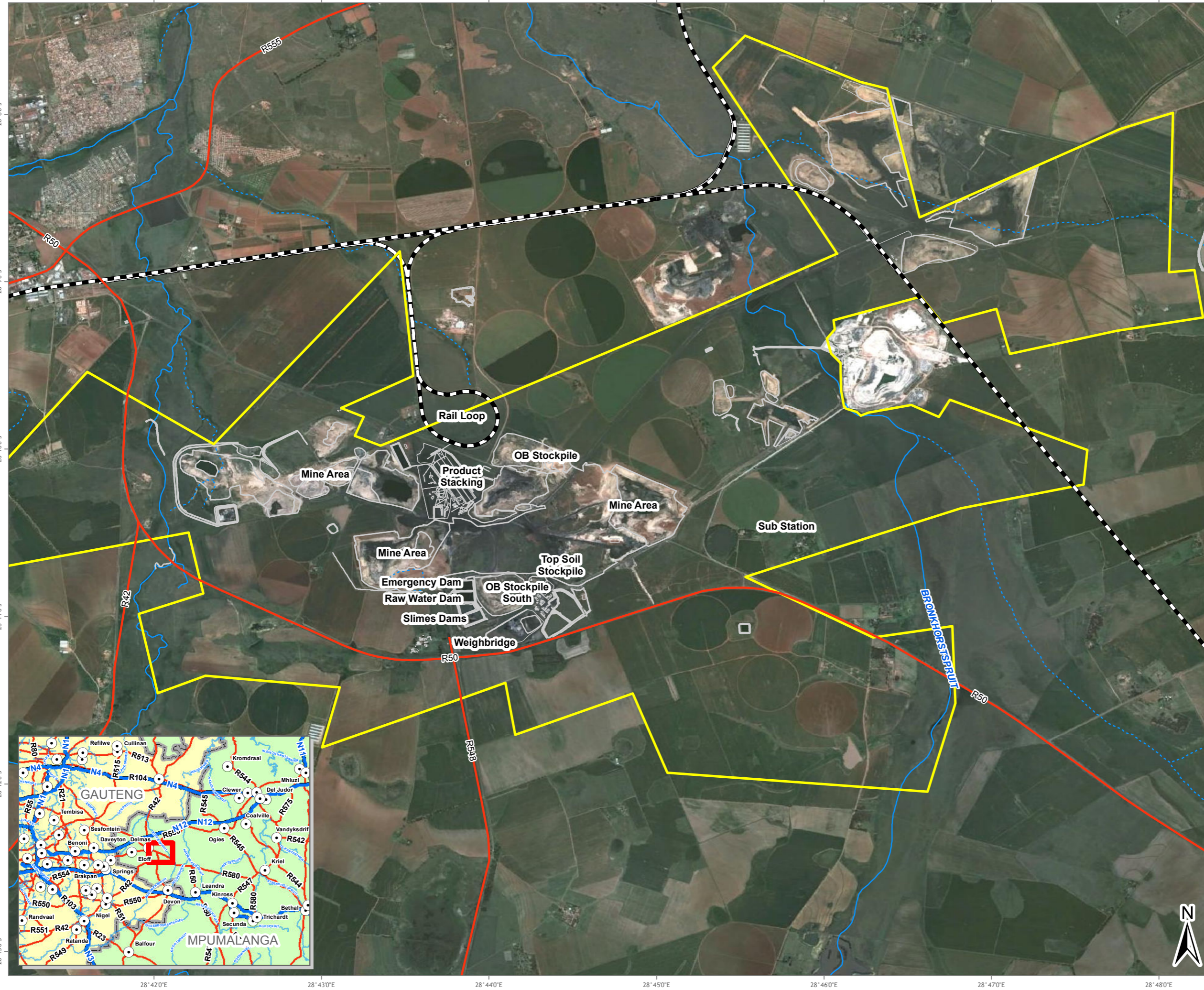
SCALE: 1:40,000

0 0.5 1 2 Kilometers

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LEEUEWPAN COLLIERY: EXISTING INFRASTRUCTURE



LEGEND

- Existing Infrastructure
- Railway Line

Road Network

- National Route
- Main Road

Rivers and Streams

- Non-Perennial
- Perennial

Mining Right Area

Data Sources: Google Earth™ mapping service: 2012
Imagery Date: 2011/12/18

Disclaimer:

FIGURE NO.: -

MAP NUMBER: 11-447-20130104-03

DRAWN BY: B. BARTOVA
GIS TECHNOLOGIST

REVIEWED BY: P. SNYDERS
GIS TECHNICIAN

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 4 JANUARY 2013

CLIENT: EXXARO RESOURCES

PROJECT: EXXARO LEEUEWPAN COAL: CONSOLIDATION OF EIA AND EMP, PPP AND SPECIALIST INVESTIGATIONS (11-447)

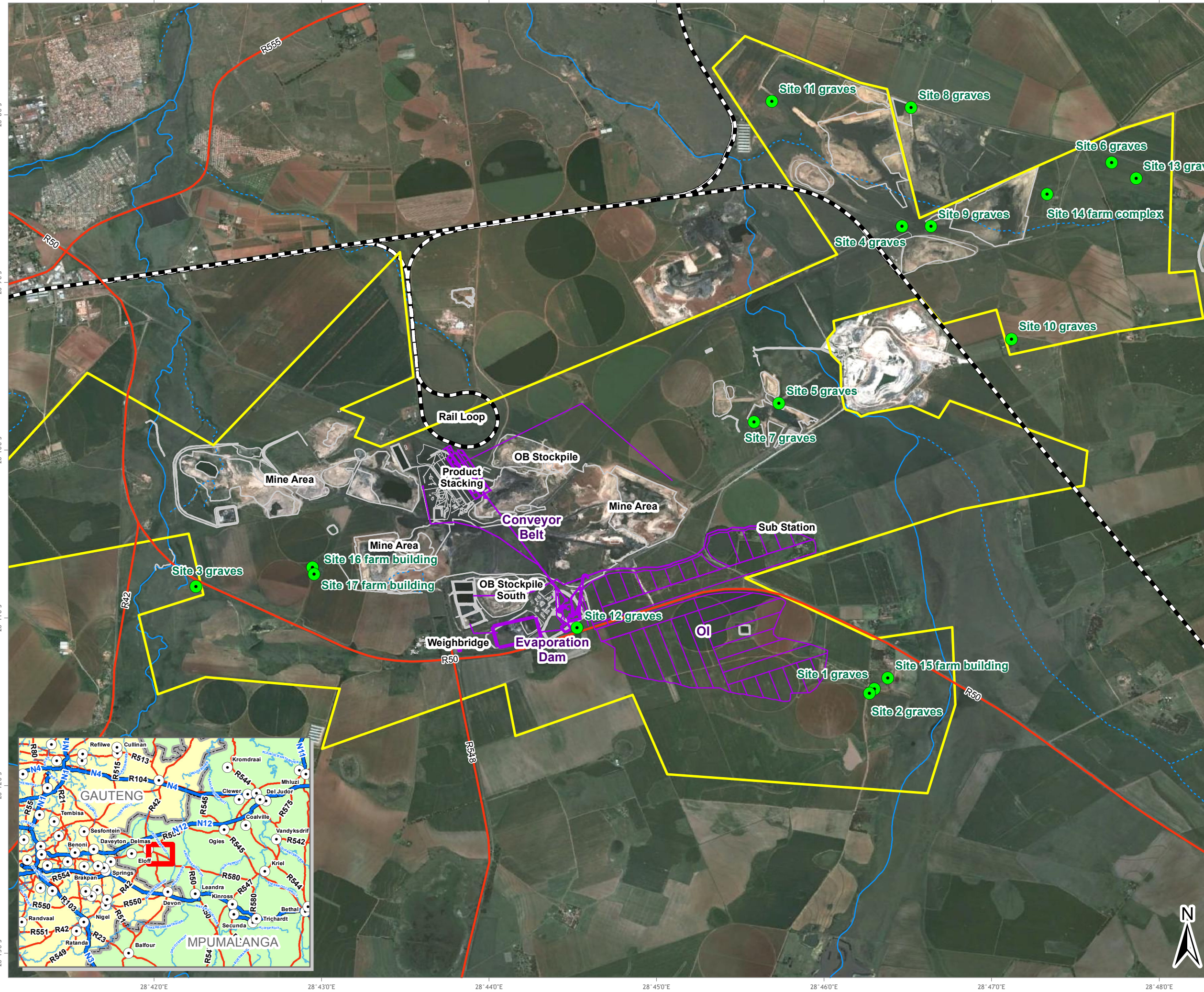
SCALE: 1:40,000

0 0.5 1 2 Kilometers

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LEEUPWAN COLLIERY: EXISTING AND PROPOSED INFRASTRUCTURE



LEGEND

- Heritage sites
- Existing Infrastructure
- Proposed Infrastructure
- Railway Line

Road Network

- National Route
- Main Road

Rivers and Streams

- Non-Perennial
- Perennial

Mining Right Area

Data Sources: Google Earth™ mapping service: 2012
Imagery Date: 2011/12/18

Disclaimer:

FIGURE NO.:

MAP NUMBER: 11-447-20130104-04

DRAWN BY: N.K NDALA
GIS TECHNOLOGIST

REVIEWED BY: P. SNYDERS
GIS TECHNICIAN

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 14 MARCH 2013

CLIENT: EXXARO RESOURCES

PROJECT: EXXARO LEEUWPAN COAL: CONSOLIDATION OF EIA AND EMP, PPP AND SPECIALIST INVESTIGATIONS (11-447)

SCALE: 1:40 000

0 0.5 1 2 Kilometers

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