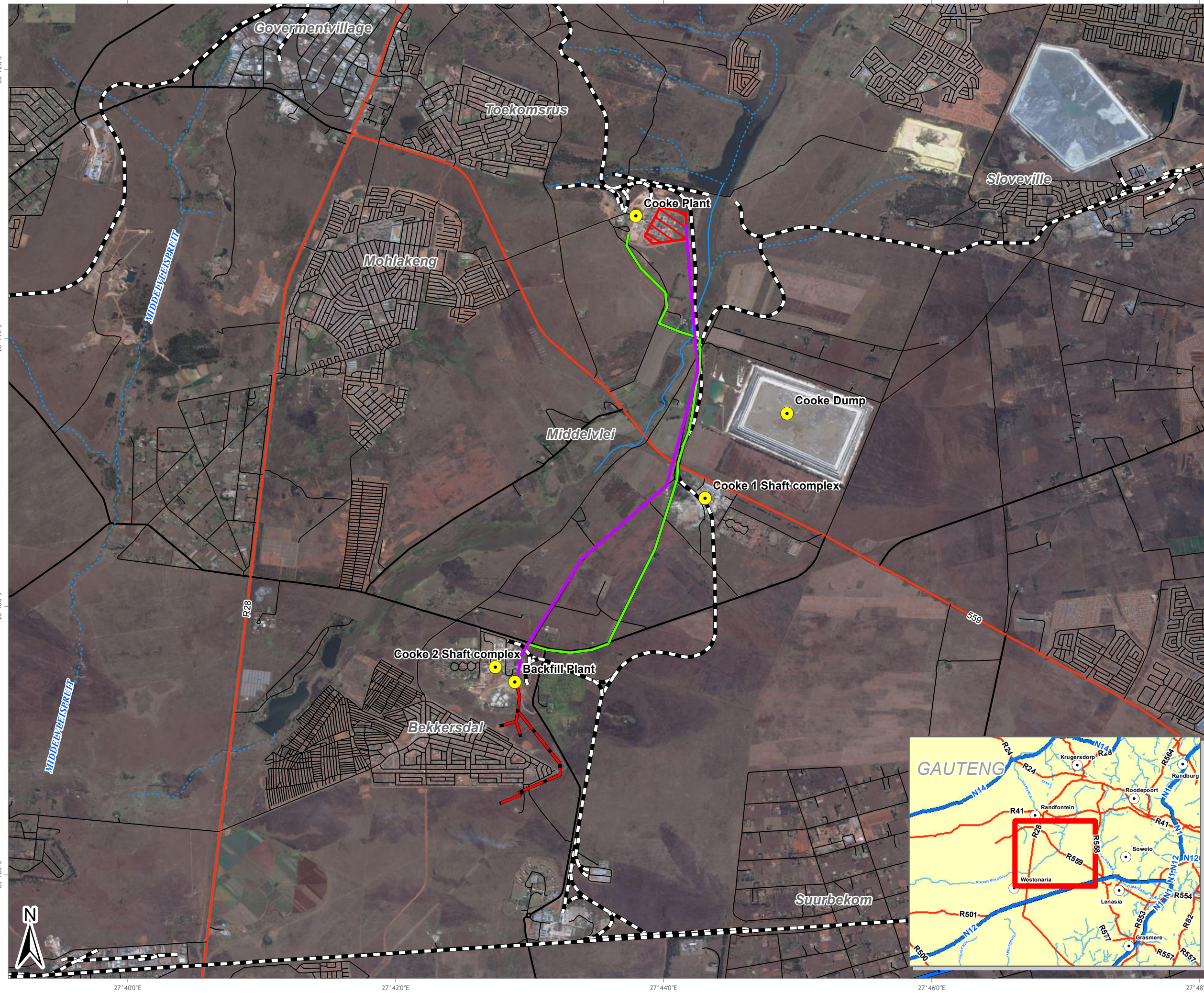


GOLD ONE TAILINGS BACKFILL PROJECT: COOKE OPERATIONS



LEGEND

- Gold One Cooke Operations
- Backfill Pipeline
- Overland Line Option 1
- Overland line Option 2
- Railway Line

Road Network

- National Route
- Main Road
- Secondary Road
- Street

Rivers and Streams

- Non-Perennial
- Perennial

- Existing Metallurgical Plant
- Proposed Backfill Preparation Plant

Data Sources: Microsoft Bing Maps
 (c) 2010 Microsoft Corporation and its data suppliers

Disclaimer:

FIGURE NO.: -

MAP NUMBER: 12-561-20130708-01

DRAWN BY: P. SNYDERS
 GIS TECHNICIAN

REVIEWED BY: A.J. MAIN
 GIS TECHNOLOGIST

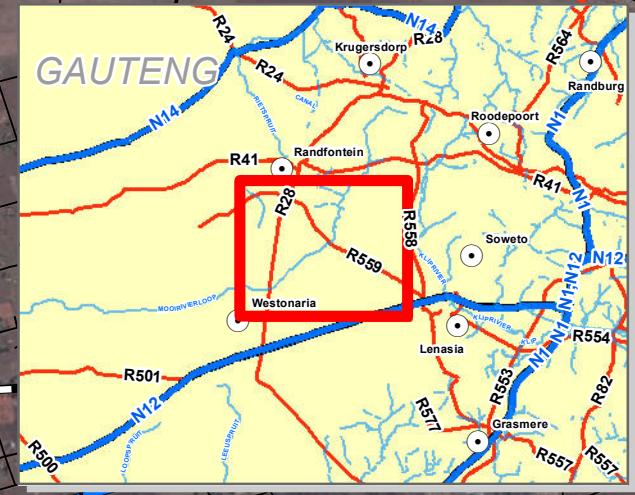
DATUM: WGS84
 PROJECTION: GEOGRAPHIC

DATE: 8 JULY 2013

CLIENT: GOLD ONE INTERNATIONAL LIMITED

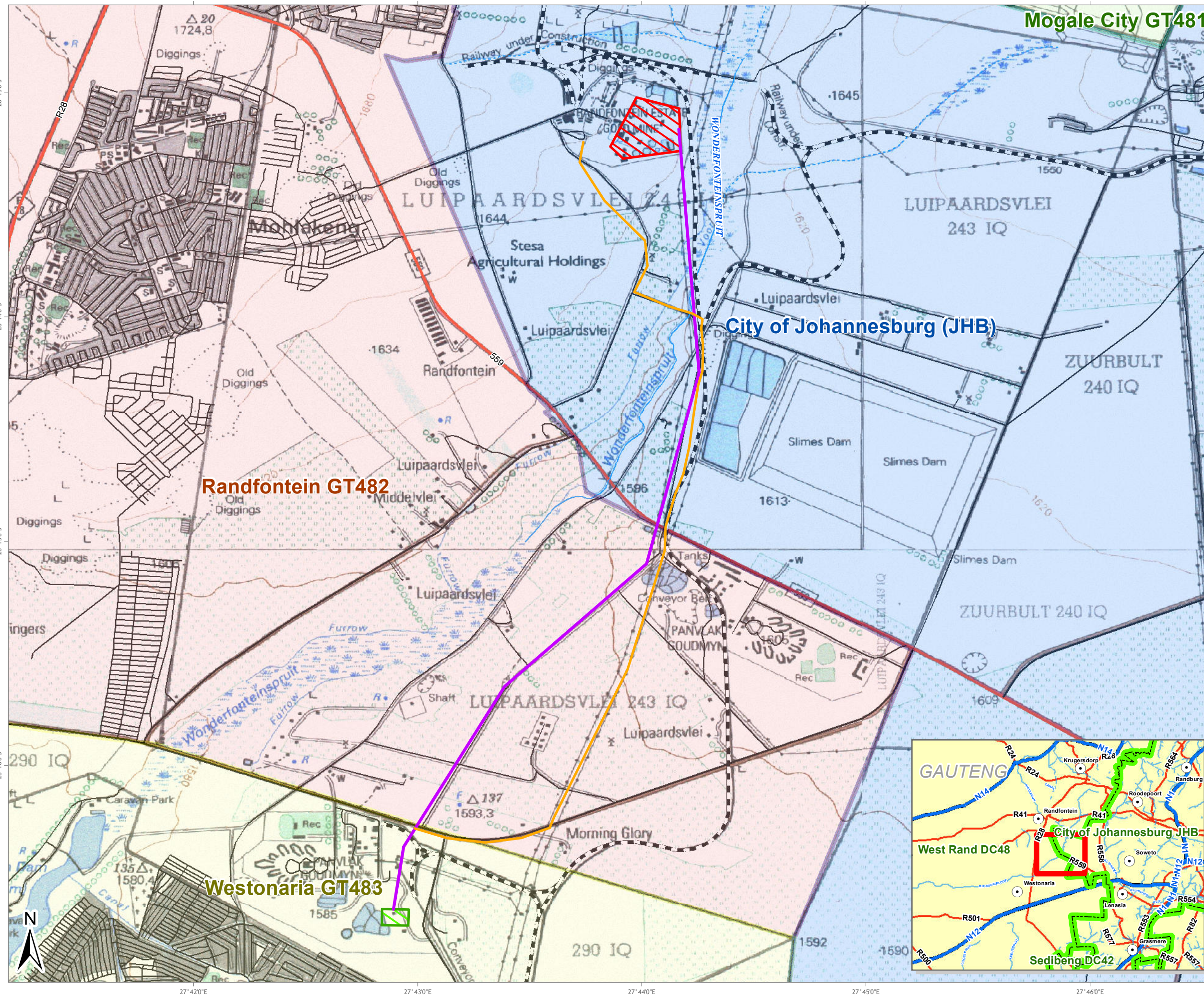
PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

SCALE: 1:50 000



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 www.gcs-sa.biz

GOLD ONE TAILINGS BACKFILL PROJECT: MUNICIPALITIES



LEGEND

- Overland line Option 2
- Overland Line
- Railway Line

Road Network

- National Route
- Main Road
- Secondary Road
- Street

Rivers and Streams

- Non-Perennial
- Perennial

Other Symbols

- Existing Metallurgical Plant
- Proposed New Tailings Backfill Plant
- Farm Portion
- City of Johannesburg (JHB)
- Mogale City GT481
- Randfontein GT482
- Westonaria GT483
- District Municipalities

Data Sources: The Chief Directorate of Survey & Mapping
1:50 000 Topographical Series: 2627BA, BB, BC & BD

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20121126-01

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: A.J. MAIN
GIS TECHNOLOGIST

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 26 NOVEMBER 2012

CLIENT: GOLD ONE INTERNATIONAL LIMITED

PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

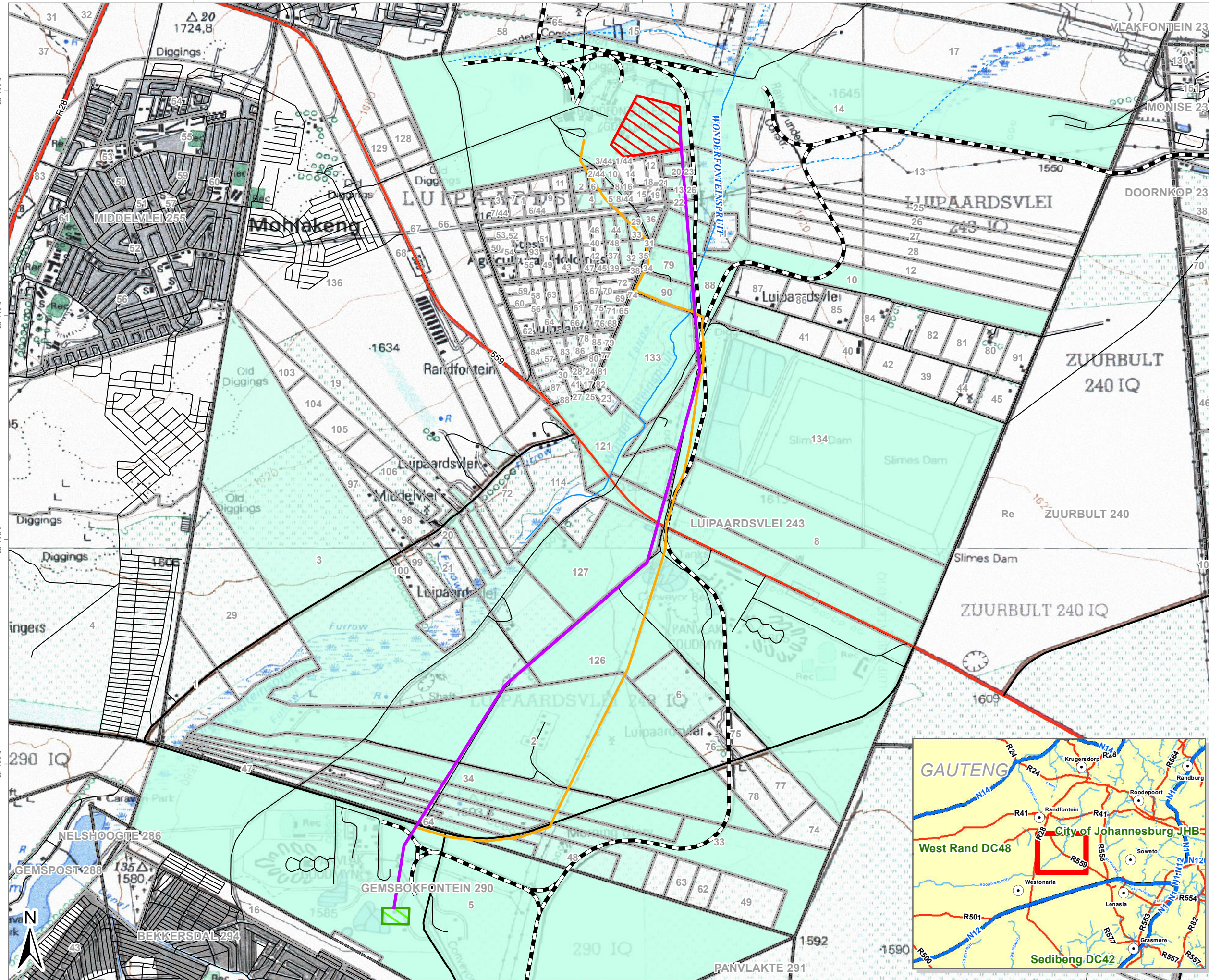
SCALE: 1:30,000

0 0.25 0.5 1 Kilometers

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GOLD ONE TAILINGS BACKFILL PROJECT: FARM PORTIONS



LEGEND

- Overland Line Option 1
- Overland line Option 2
- Railway Line

Rivers and Streams

- Non-Perennial
- Perennial

Road Network

- National Route
- Main Road
- Secondary Road
- Street

Existing Metallurgical Plant

Proposed New Tailings Backfill Plant

Parent Farms

Farm Portions

Farm Portions within 100m

Data Sources: The Chief Directorate of Survey & Mapping
1:50 000 Topographical Series: 2627BA, BB, BC & BD

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20121126-02

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: A.J. MAIN
GIS TECHNOLOGIST

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 26 NOVEMBER 2012

CLIENT: GOLD ONE INTERNATIONAL LIMITED

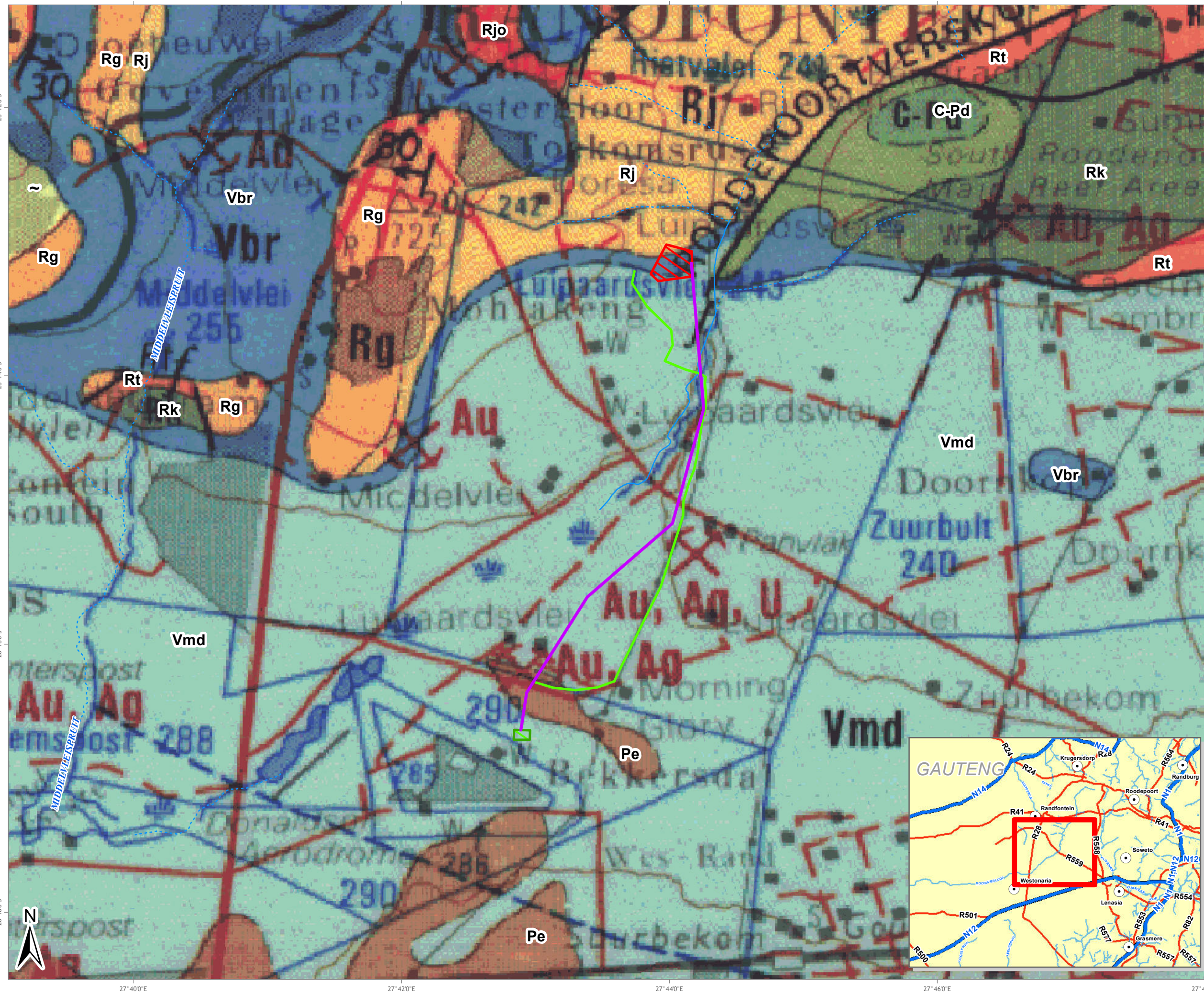
PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

SCALE: 1:30,000

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GOLD ONE TAILINGS BACKFILL PROJECT: GEOLOGY



LEGEND

- Overland Line Option 1
- Overland line Option 2

Rivers and Streams

- Non-Perennial
- Perennial

Existing Metallurgical Plant

Proposed New Tailings Backfill Plant

LITHOLOGY

- C-Pd = Diamictite, shale.
- Pe = Shale, sandstone, coal
- Rg = Quartzite, greywacke, conglomerate, shale, tillite, hornfels
- Rj = Shale, quartzite, conglomerate, amygdaloidal lava
- Rjo = Quartzite, conglomerate
- Rk = Basaltic lava, agglomerate tuff
- Rt = Quartzite, conglomerate, shale
- Vbr = Quartzite, conglomerate, shale
- Vmd = Dolomite, chert and remnants of chert breccia of the Rooihogte Formation
- ~ = Alluvium

Data Sources: Council for Geoscience
1:250 000 Geological Series: 2626

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20130129-02

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: A.J. MAIN
GIS TECHNOLOGIST

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 29 JANUARY 2013

CLIENT: GOLD ONE INTERNATIONAL LIMITED

PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

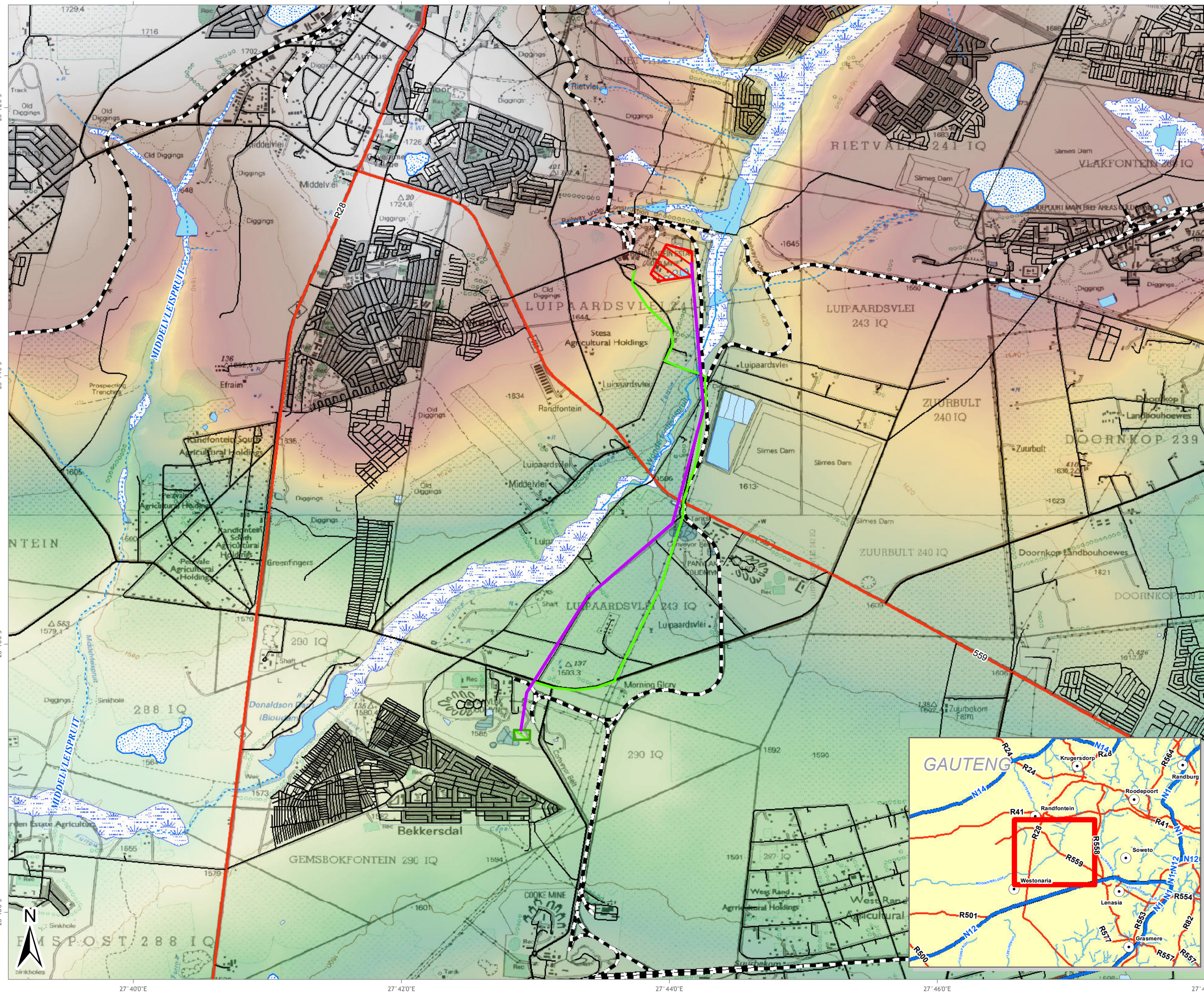
SCALE: 1:50 000

0 0.5 1 2 Kilometers

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GOLD ONE TAILINGS BACKFILL PROJECT: TOPOGRAPHY



LEGEND

- Overland Line Option 1
- Overland line Option 2
- Railway Line

Road Network

- National Route
- Main Road
- Secondary Road
- Street

Rivers and Streams

- Non-Perennial
- Perennial

Inland Water

- Dams and lakes
- Dry pans
- Reservoirs and water tanks
- Marsh and swamps
- Non-perennial pans

- Existing Metallurgical Plant
- Proposed New Tailings Backfill Plant

Elevation (mamsl)

- High : 1730
- Low : 1550

Data Sources: The Chief Directorate of Survey & Mapping
1:50 000 Topographical Series: 2627BA, BB, BC & BD

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20130129-01

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: A.J. MAIN
GIS TECHNOLOGIST

DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 29 JANUARY 2013

CLIENT: GOLD ONE INTERNATIONAL LIMITED

PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

SCALE: 1:50 000

0 0.5 1 2 Kilometers

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