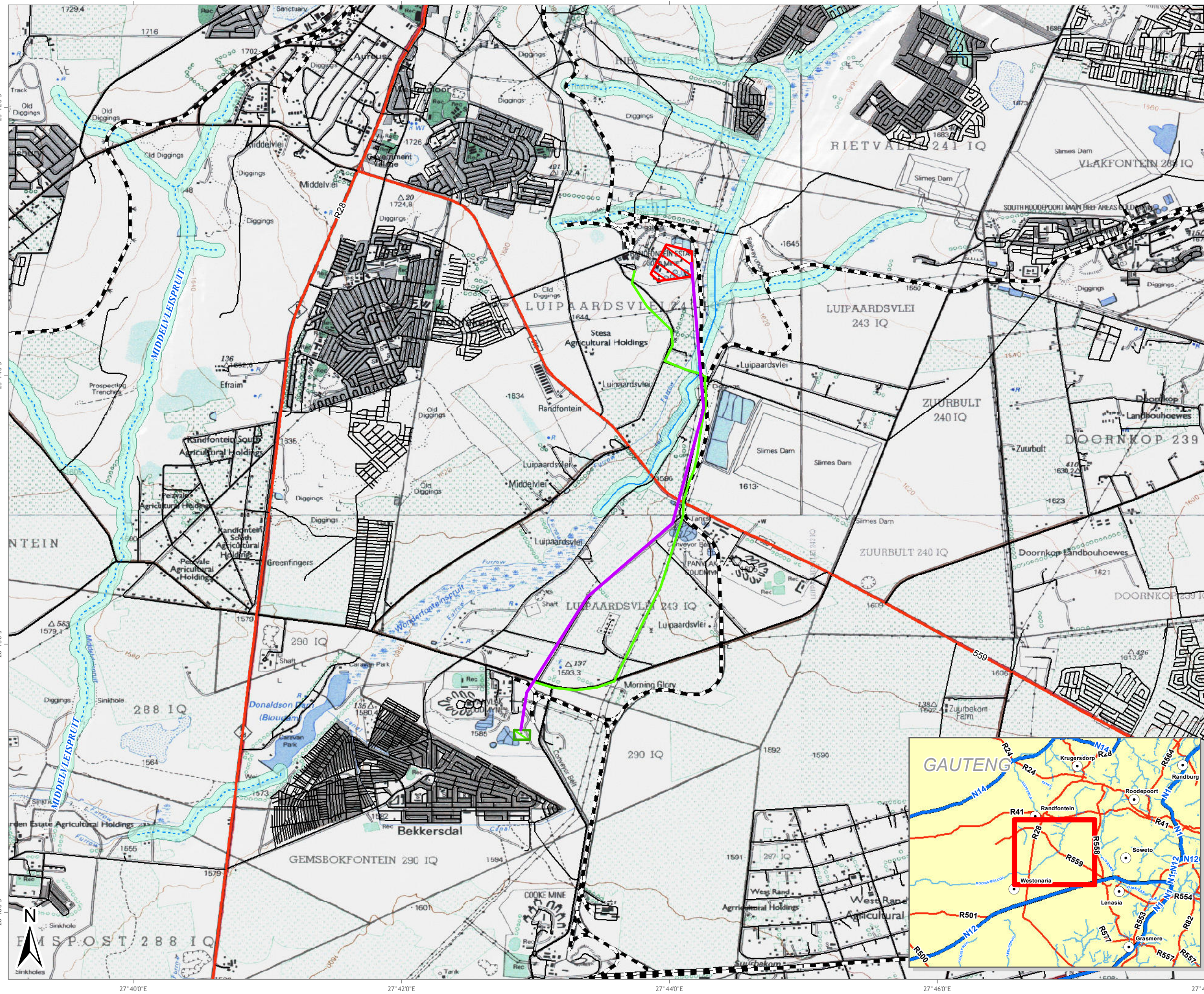


GOLD ONE TAILINGS BACKFILL PROJECT: 100M RIVER BUFFER



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

Existing Metallurgical Plant

Proposed New Tailings Backfill Plant

100m River Buffer

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

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20130129-07

DRAWN BY: P. SNYDERS
GIS TECHNICIAN

REVIEWED BY: A.J. MAIN
GIS TECHNOLOGIST

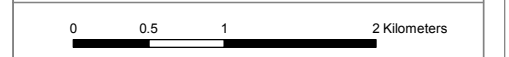
DATUM: WGS84
PROJECTION: GEOGRAPHIC

DATE: 29 JANUARY 2013

CLIENT: GOLD ONE INTERNATIONAL LIMITED

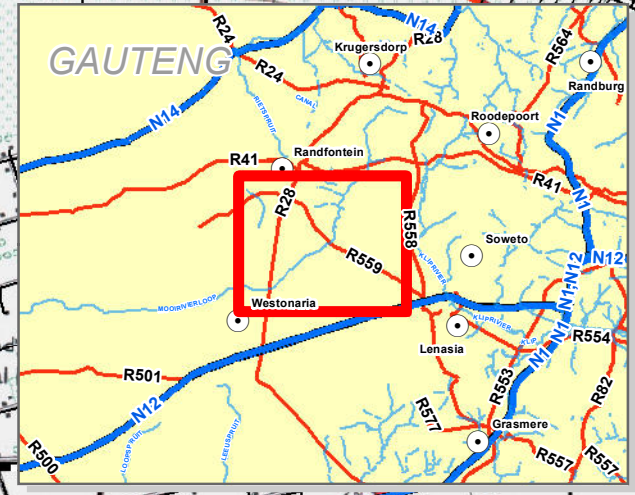
PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

SCALE: 1:50 000



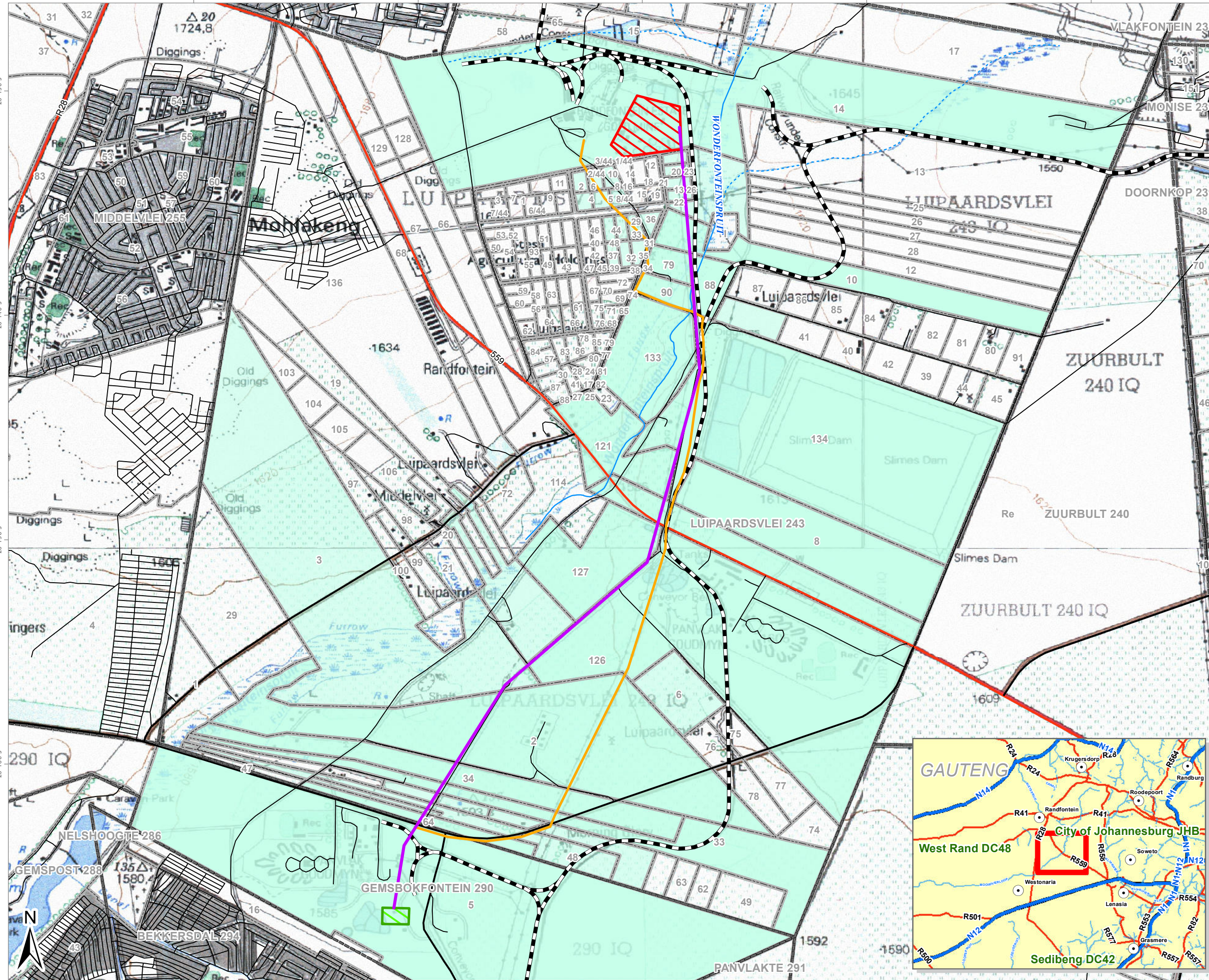
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Map labels include: 1729.4, 1716, 1702, 1726, 1724.8, 1720, 1700, 1680, 1660, 1645, 1620, 1600, 1580, 1560, 1540, 1520, 1500, 1480, 1460, 1440, 1420, 1400, 1380, 1360, 1340, 1320, 1300, 1280, 1260, 1240, 1220, 1200, 1180, 1160, 1140, 1120, 1100, 1080, 1060, 1040, 1020, 1000, 980, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100, 80, 60, 40, 20, 0, 20, 40, 60, 80, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 360, 380, 400, 420, 440, 460, 480, 500, 520, 540, 560, 580, 600, 620, 640, 660, 680, 700, 720, 740, 760, 780, 800, 820, 840, 860, 880, 900, 920, 940, 960, 980, 1000, 1020, 1040, 1060, 1080, 1100, 1120, 1140, 1160, 1180, 1200, 1220, 1240, 1260, 1280, 1300, 1320, 1340, 1360, 1380, 1400, 1420, 1440, 1460, 1480, 1500, 1520, 1540, 1560, 1580, 1600, 1620, 1640, 1660, 1680, 1700, 1720, 1740, 1760, 1780, 1800, 1820, 1840, 1860, 1880, 1900, 1920, 1940, 1960, 1980, 2000, 2020, 2040, 2060, 2080, 2100, 2120, 2140, 2160, 2180, 2200, 2220, 2240, 2260, 2280, 2300, 2320, 2340, 2360, 2380, 2400, 2420, 2440, 2460, 2480, 2500, 2520, 2540, 2560, 2580, 2600, 2620, 2640, 2660, 2680, 2700, 2720, 2740, 2760, 2780, 2800, 2820, 2840, 2860, 2880, 2900, 2920, 2940, 2960, 2980, 3000, 3020, 3040, 3060, 3080, 3100, 3120, 3140, 3160, 3180, 3200, 3220, 3240, 3260, 3280, 3300, 3320, 3340, 3360, 3380, 3400, 3420, 3440, 3460, 3480, 3500, 3520, 3540, 3560, 3580, 3600, 3620, 3640, 3660, 3680, 3700, 3720, 3740, 3760, 3780, 3800, 3820, 3840, 3860, 3880, 3900, 3920, 3940, 3960, 3980, 4000, 4020, 4040, 4060, 4080, 4100, 4120, 4140, 4160, 4180, 4200, 4220, 4240, 4260, 4280, 4300, 4320, 4340, 4360, 4380, 4400, 4420, 4440, 4460, 4480, 4500, 4520, 4540, 4560, 4580, 4600, 4620, 4640, 4660, 4680, 4700, 4720, 4740, 4760, 4780, 4800, 4820, 4840, 4860, 4880, 4900, 4920, 4940, 4960, 4980, 5000, 5020, 5040, 5060, 5080, 5100, 5120, 5140, 5160, 5180, 5200, 5220, 5240, 5260, 5280, 5300, 5320, 5340, 5360, 5380, 5400, 5420, 5440, 5460, 5480, 5500, 5520, 5540, 5560, 5580, 5600, 5620, 5640, 5660, 5680, 5700, 5720, 5740, 5760, 5780, 5800, 5820, 5840, 5860, 5880, 5900, 5920, 5940, 5960, 5980, 6000, 6020, 6040, 6060, 6080, 6100, 6120, 6140, 6160, 6180, 6200, 6220, 6240, 6260, 6280, 6300, 6320, 6340, 6360, 6380, 6400, 6420, 6440, 6460, 6480, 6500, 6520, 6540, 6560, 6580, 6600, 6620, 6640, 6660, 6680, 6700, 6720, 6740, 6760, 6780, 6800, 6820, 6840, 6860, 6880, 6900, 6920, 6940, 6960, 6980, 7000, 7020, 7040, 7060, 7080, 7100, 7120, 7140, 7160, 7180, 7200, 7220, 7240, 7260, 7280, 7300, 7320, 7340, 7360, 7380, 7400, 7420, 7440, 7460, 7480, 7500, 7520, 7540, 7560, 7580, 7600, 7620, 7640, 7660, 7680, 7700, 7720, 7740, 7760, 7780, 7800, 7820, 7840, 7860, 7880, 7900, 7920, 7940, 7960, 7980, 8000, 8020, 8040, 8060, 8080, 8100, 8120, 8140, 8160, 8180, 8200, 8220, 8240, 8260, 8280, 8300, 8320, 8340, 8360, 8380, 8400, 8420, 8440, 8460, 8480, 8500, 8520, 8540, 8560, 8580, 8600, 8620, 8640, 8660, 8680, 8700, 8720, 8740, 8760, 8780, 8800, 8820, 8840, 8860, 8880, 8900, 8920, 8940, 8960, 8980, 9000, 9020, 9040, 9060, 9080, 9100, 9120, 9140, 9160, 9180, 9200, 9220, 9240, 9260, 9280, 9300, 9320, 9340, 9360, 9380, 9400, 9420, 9440, 9460, 9480, 9500, 9520, 9540, 9560, 9580, 9600, 9620, 9640, 9660, 9680, 9700, 9720, 9740, 9760, 9780, 9800, 9820, 9840, 9860, 9880, 9900, 9920, 9940, 9960, 9980, 10000.

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

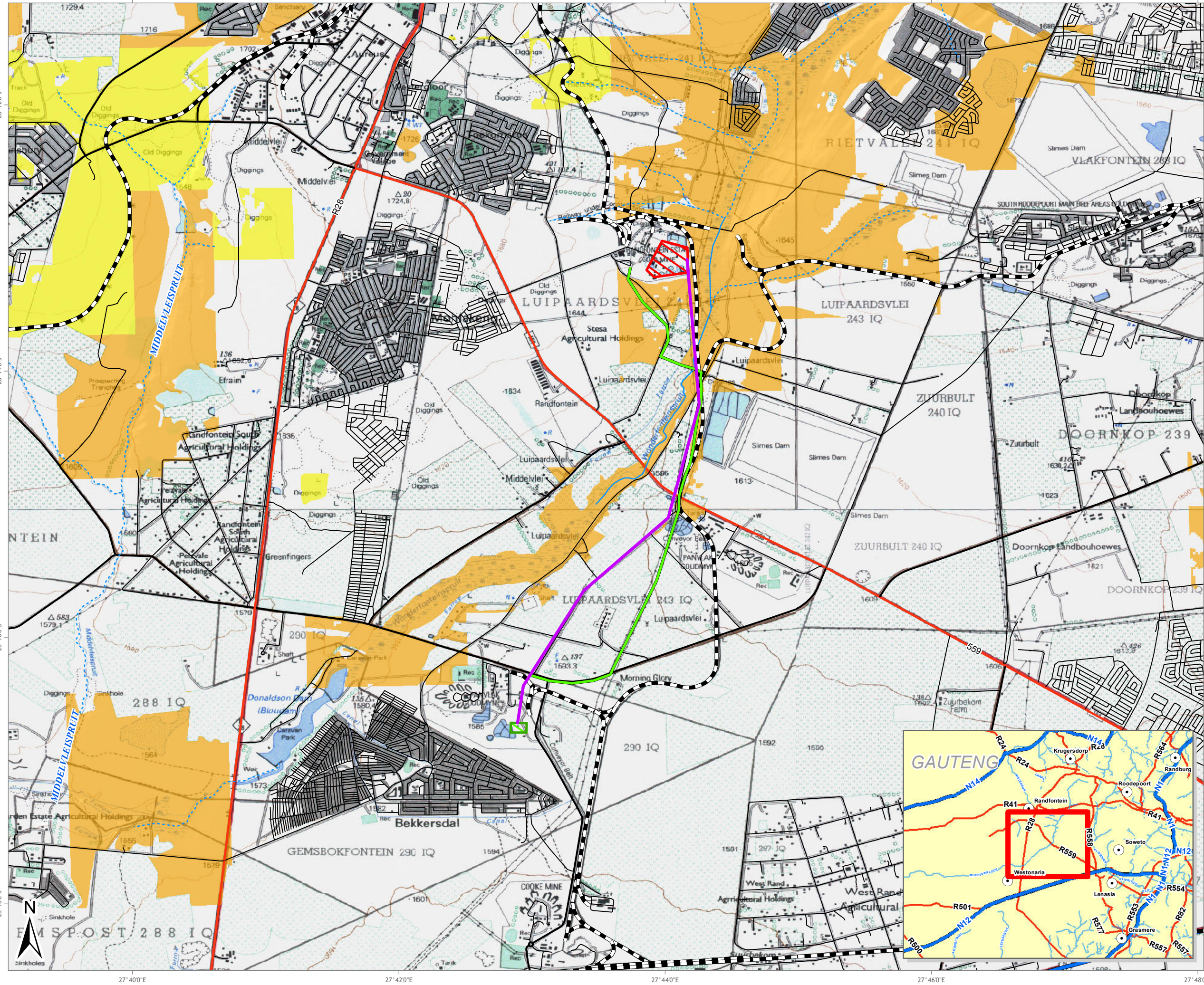
SCALE: 1:30,000

0 0.25 0.5 1 Kilometers

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GOLD ONE TAILINGS BACKFILL PROJECT: GAUTENG CONSERVATION PLAN



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

Existing Metallurgical Plant

Proposed New Tailings Backfill Plant

Gauteng Conservation Plan

- Important Site
- Irreplaceable Site
- Reserved Site

Data Sources: Gauteng Department: Agriculture, Conservation and Environment Conservation Plan (version 2) - 2004

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20130129-03

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

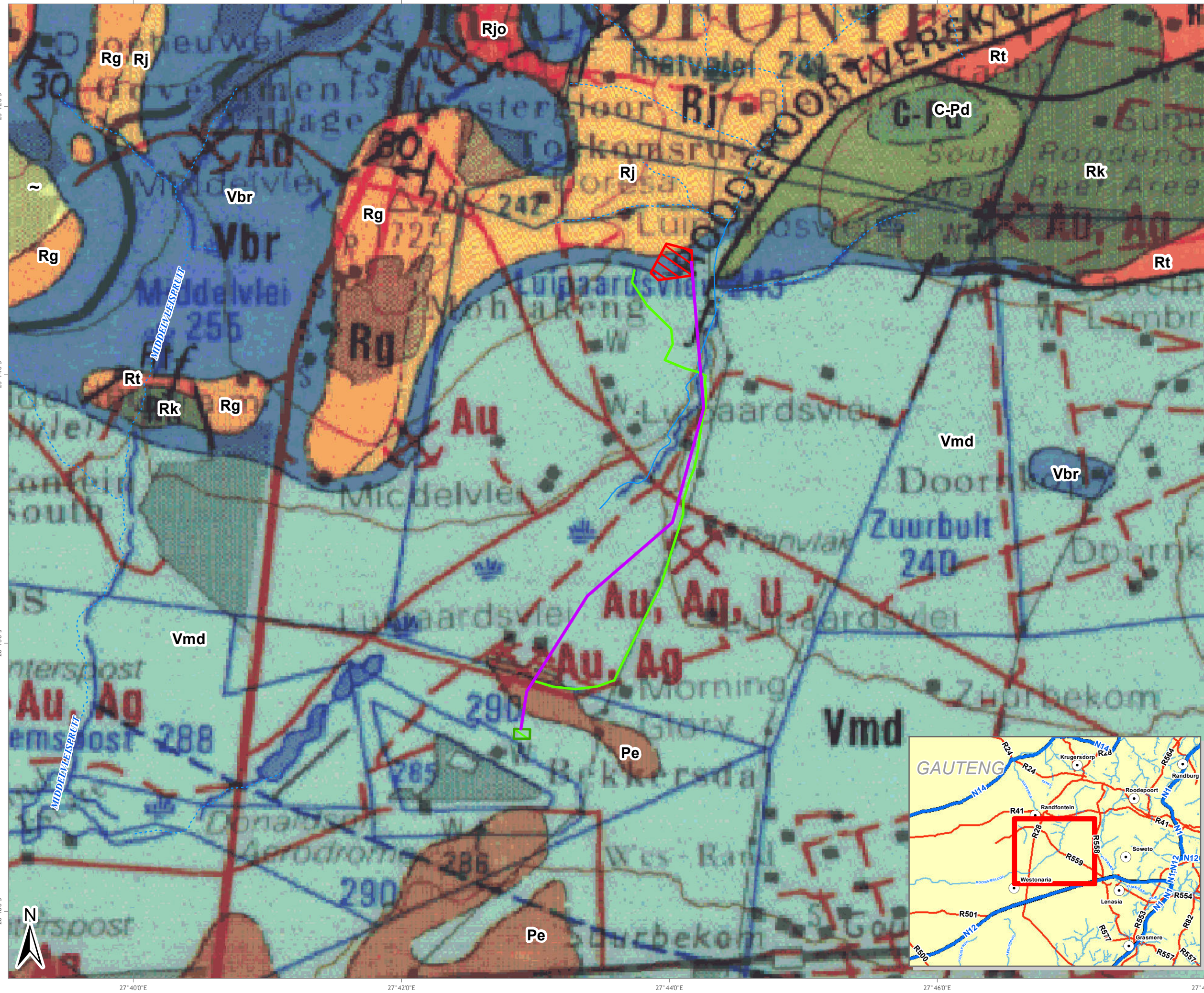
SCALE: 1:50 000

0 0.5 1 2 Kilometers

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GOLD ONE TAILINGS BACKFILL PROJECT: 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

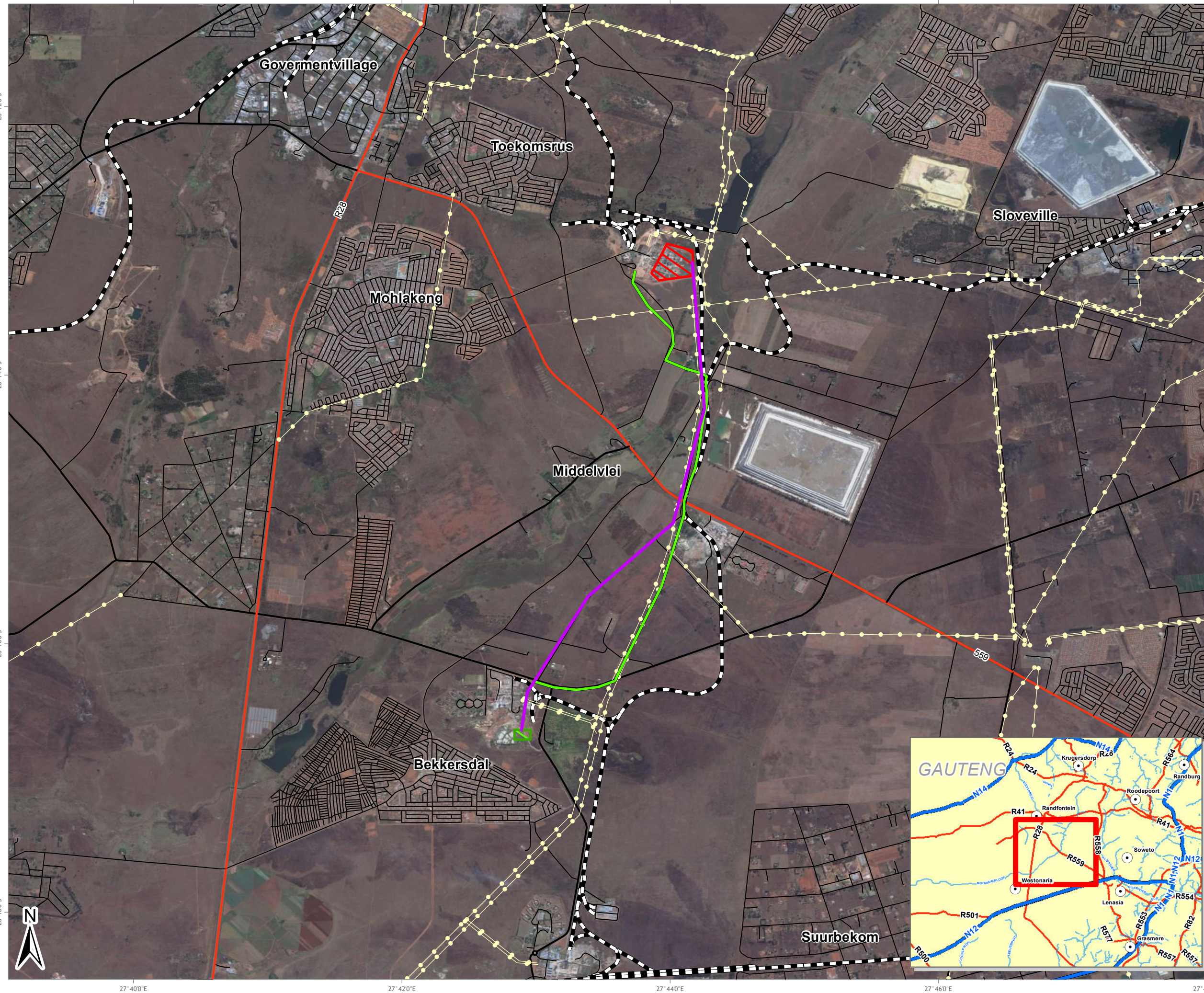
SCALE: 1:50 000

0 0.5 1 2 Kilometers











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GOLD ONE TAILINGS BACKFILL PROJECT: LINEAR INFRASTRUCTURE



LEGEND

-  Overland Line Option 1
-  Overland line Option 2
-  Power Lines
-  Railway Line
- Road Network**
-  National Route
-  Main Road
-  Secondary Road
-  Street
-  Existing Metallurgical Plant
-  Proposed New Tailings Backfill Plant

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

Disclaimer:

FIGURE NO.:

MAP NUMBER: 12-561-20130129-06

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

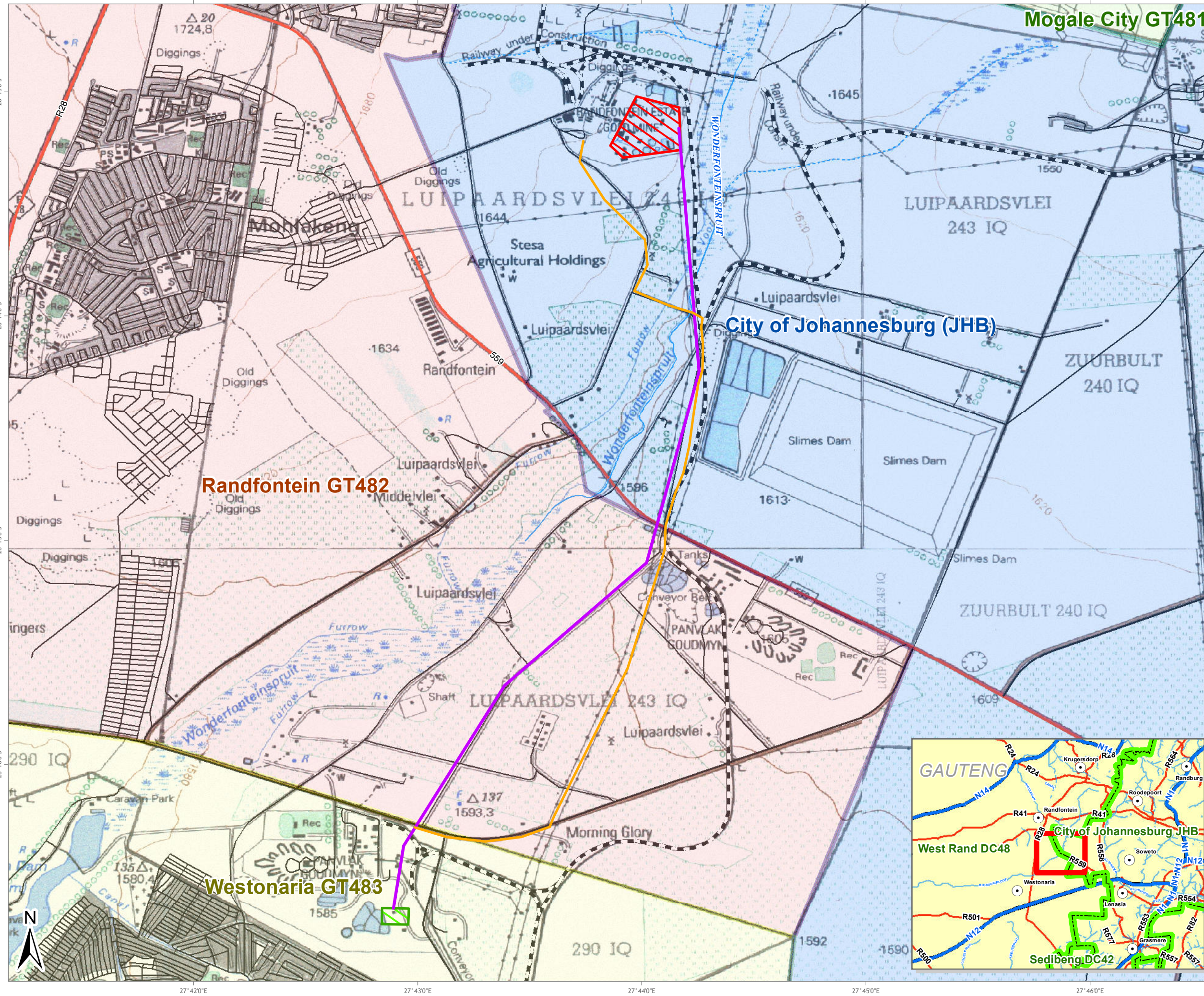
PROJECT: GOLD 1 TAILINGS BACKFILL PROJECT

SCALE: 1:50 000




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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

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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