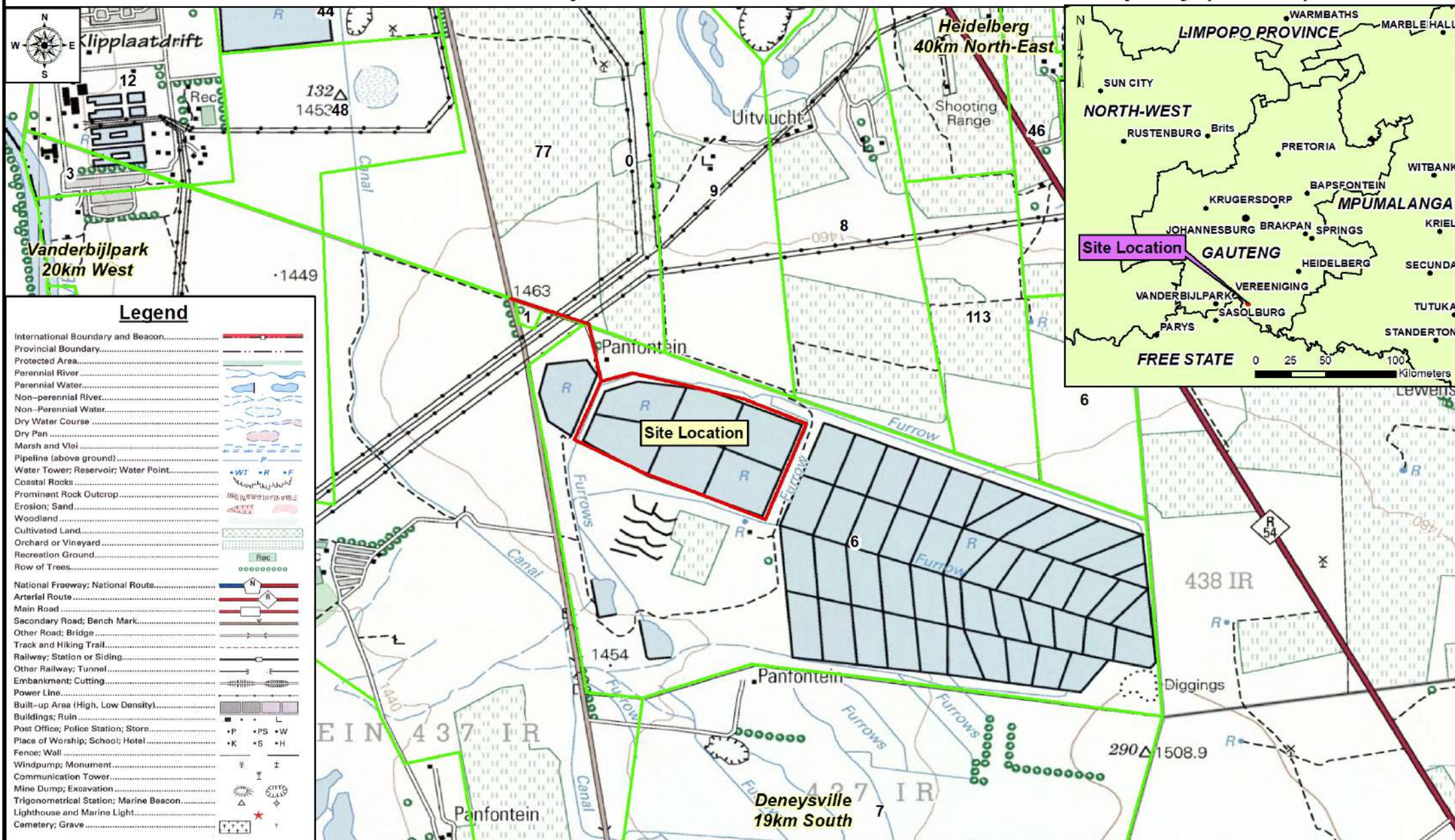


LOCALITY MAP - Panfontein - Pipeline - Rand Water - Midvaal Local Municipality (Ward 1)



Legend	
International Boundary and Beacon	
Provincial Boundary	
Protected Area	
Perennial River	
Perennial Water	
Non-perennial River	
Non-Perennial Water	
Dry Water Course	
Dry Pan	
Marsh and Vlei	
Pipeline (above ground)	
Water Tower; Reservoir; Water Point	
Coastal Rocks	
Prominent Rock Outcrop	
Erosion; Sand	
Woodland	
Cultivated Land	
Orchard or Vineyard	
Recreation Ground	
Row of Trees	
National Freeway; National Route	
Arterial Route	
Main Road	
Secondary Road; Bench Mark	
Other Road; Bridge	
Track and Hiking Trail	
Railway; Station or Siding	
Other Railway; Tunnel	
Embankment; Cutting	
Power Line	
Built-up Area (High, Low Density)	
Buildings; Ruin	
Post Office; Police Station; Store	
Place of Worship; School; Hotel	
Fence; Wall	
Windpump; Monument	
Communication Tower	
Mine Dump; Excavation	
Trigonometrical Station; Marine Beacon	
Lighthouse and Marine Light	
Cemetery; Grave	

Legend	
	Panfontein Sludgeline 1.5m
	Farm Portion Boundaries

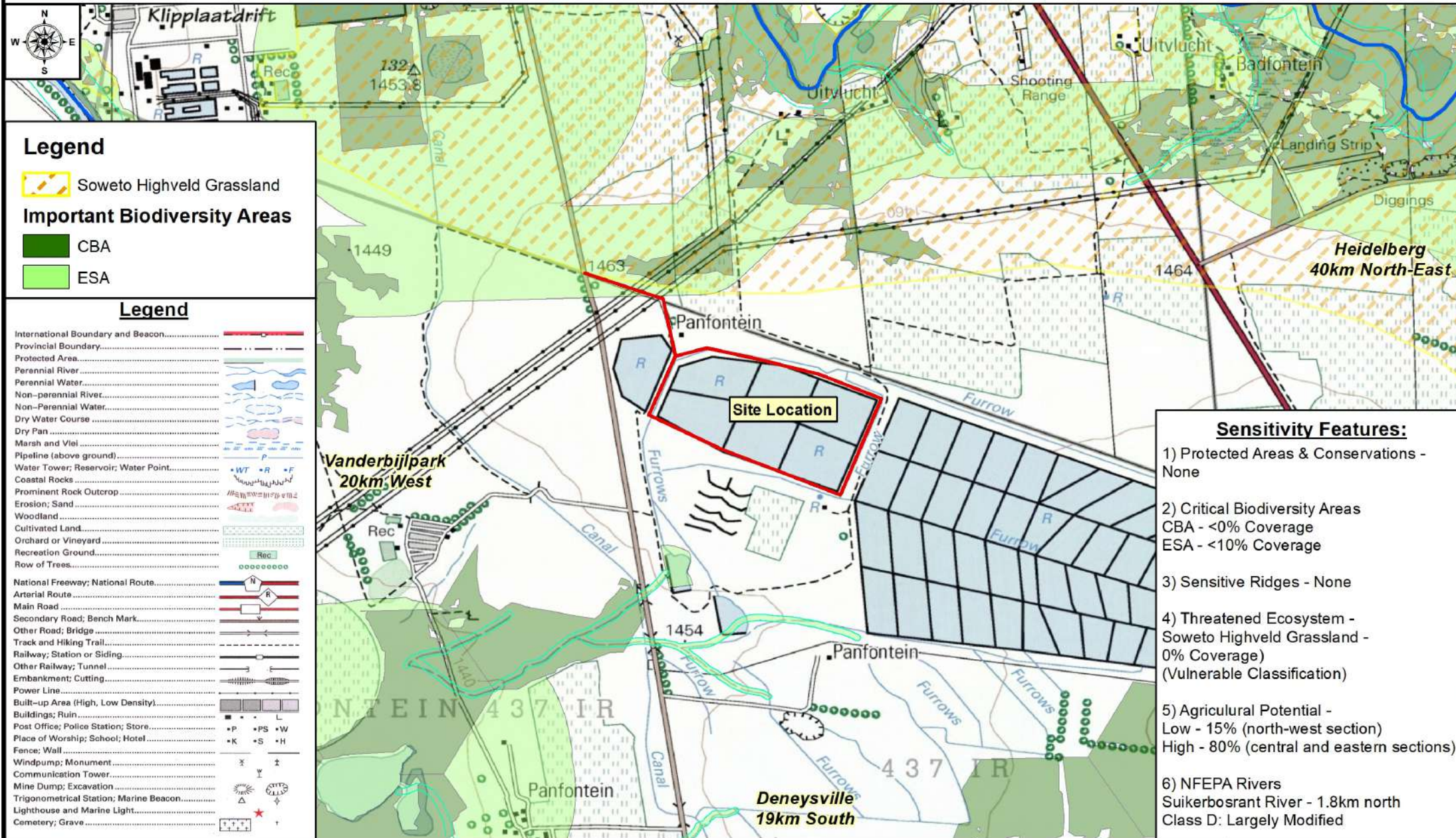
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Uitvlugt 434 IR
Portion 77 - T01R00000000043400077
Panfontein 437 IR
Portions 1 - T01R00000000043700001
Portion 6 - T01R00000000043700006
Portion RE - T01R00000000043700000

Date: 26 June 2025
General Site Location
26°42'43.26"S & 28° 2'16.45"E
0 375 750 1,500 Meters

Cell No.: 079 614 8298
 Fax: 086 552 0171
 Email: shonie@scprojects.co.za
 Website: www.scprojects.co.za

ANDRE ZANOLI
 t/a
GIS MAPPING & ENVIRO-MINING
 Map Prepared by: Andre Zanol
 Contact Number: 072 601 2432

ENVIRONMENTAL CONSERVATION MAP - Panfontein - Pipeline - Rand Water - Midvaal Local Municipality (Ward 1)



Legend

Soweto Highveld Grassland

Important Biodiversity Areas

CBA

ESA

Legend

International Boundary and Beacon.....

Provincial Boundary.....

Protected Area.....

Perennial River.....

Perennial Water.....

Non-perennial River.....

Non-Perennial Water.....

Dry Water Course.....

Dry Pan.....

Marsh and Vlei.....

Pipeline (above ground).....

Water Tower; Reservoir; Water Point.....

Coastal Rocks.....

Prominent Rock Outcrop.....

Erosion; Sand.....

Woodland.....

Cultivated Land.....

Orchard or Vineyard.....

Recreation Ground.....

Row of Trees.....

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Main Road.....

Secondary Road; Bench Mark.....

Other Road; Bridge.....

Track and Hiking Trail.....

Railway; Station or Siding.....

Other Railway; Tunnel.....

Embankment; Cutting.....

Power Line.....

Built-up Area (High, Low Density).....

Buildings; Ruin.....

Post Office; Police Station; Store.....

Place of Worship; School; Hotel.....

Fence; Wall.....

Windpump; Monument.....

Communication Tower.....

Mine Dump; Excavation.....

Trigonometrical Station; Marine Beacon.....

Lighthouse and Marine Light.....

Cemetery; Grave.....

Sensitivity Features:

- 1) Protected Areas & Conservations - None
- 2) Critical Biodiversity Areas
CBA - <0% Coverage
ESA - <10% Coverage
- 3) Sensitive Ridges - None
- 4) Threatened Ecosystem - Soweto Highveld Grassland - 0% Coverage)
(Vulnerable Classification)
- 5) Agricultural Potential -
Low - 15% (north-west section)
High - 80% (central and eastern sections)
- 6) NFEPA Rivers
Suikerbosrant River - 1.8km north
Class D: Largely Modified

Legend

Panfontein Sludgeline 1.5m

NFEPA Rivers

River Bufferzone

SG CODES:
 Uitvlugt 434 IR
 Portion77 - TOIR00000000043400077
 Panfontein 437 IR
 Portions 1 - TOIR00000000043700001
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General Site Location
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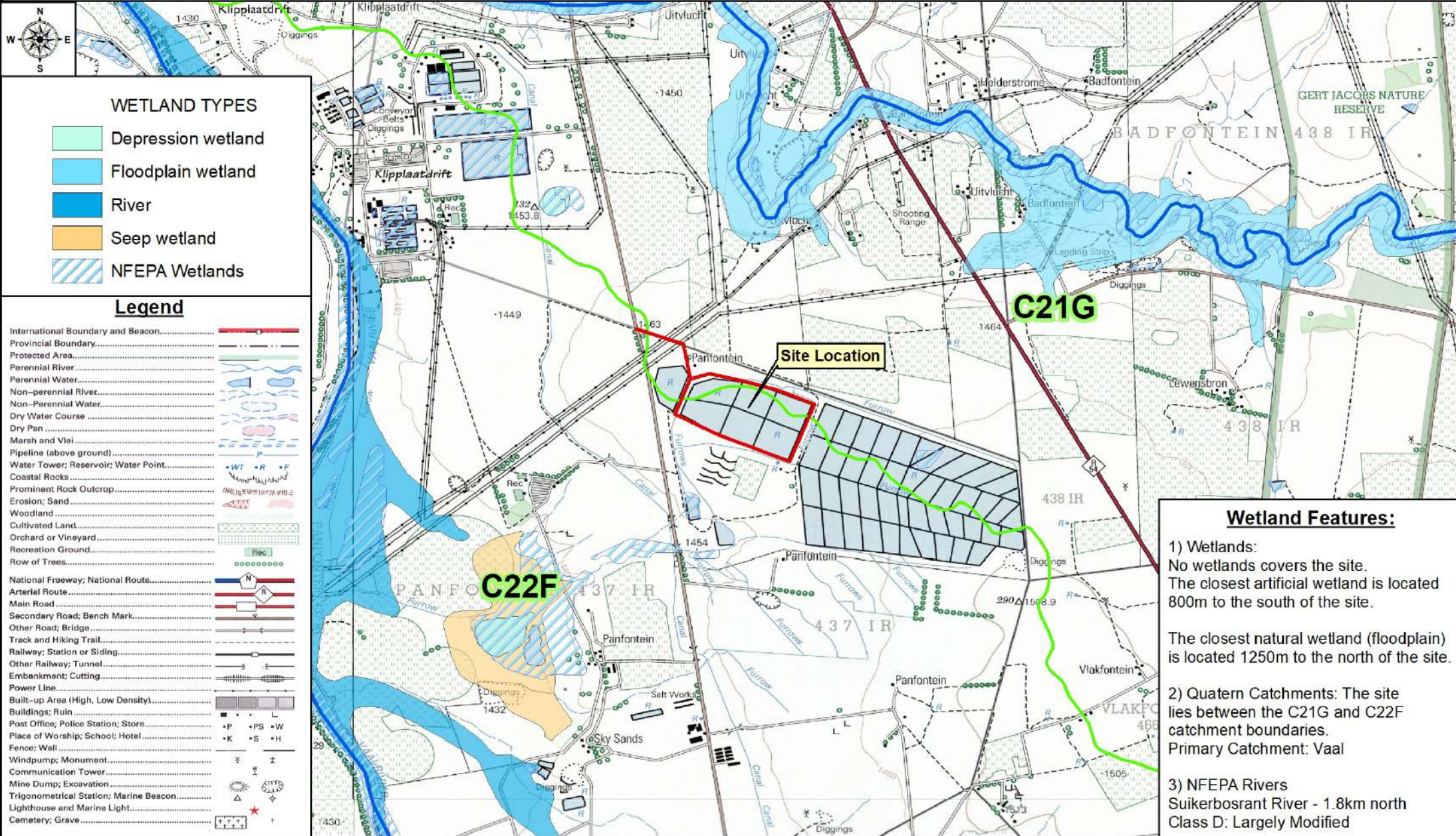
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WETLAND MAP - Panfontein Pipeline - Rand Water - Midvaal Local Municipality (Ward 1)



Wetland Features:

- 1) Wetlands:
No wetlands covers the site.
The closest artificial wetland is located 800m to the south of the site.

The closest natural wetland (floodplain) is located 1250m to the north of the site.
- 2) Quatern Catchments: The site lies between the C21G and C22F catchment boundaries.
Primary Catchment: Vaal
- 3) NFEPA Rivers
Suikerbosrant River - 1.8km north
Class D: Largely Modified

Legend

- Panfontein Sludgeline 1.5m
- Quatern Catchment Boundaries
- NFEPA Rivers

SG CODES:
 Uitylugt 434 IR
 Portion77 - TOIR00000000043400077
 Panfontein 437 IR
 Portions 1 - TOIR00000000043700001
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 Portion RE - TOIR00000000043700000

Date: 26 June 2025
General Site Location
 26°42'43.26"S & 28° 2'16.45"E

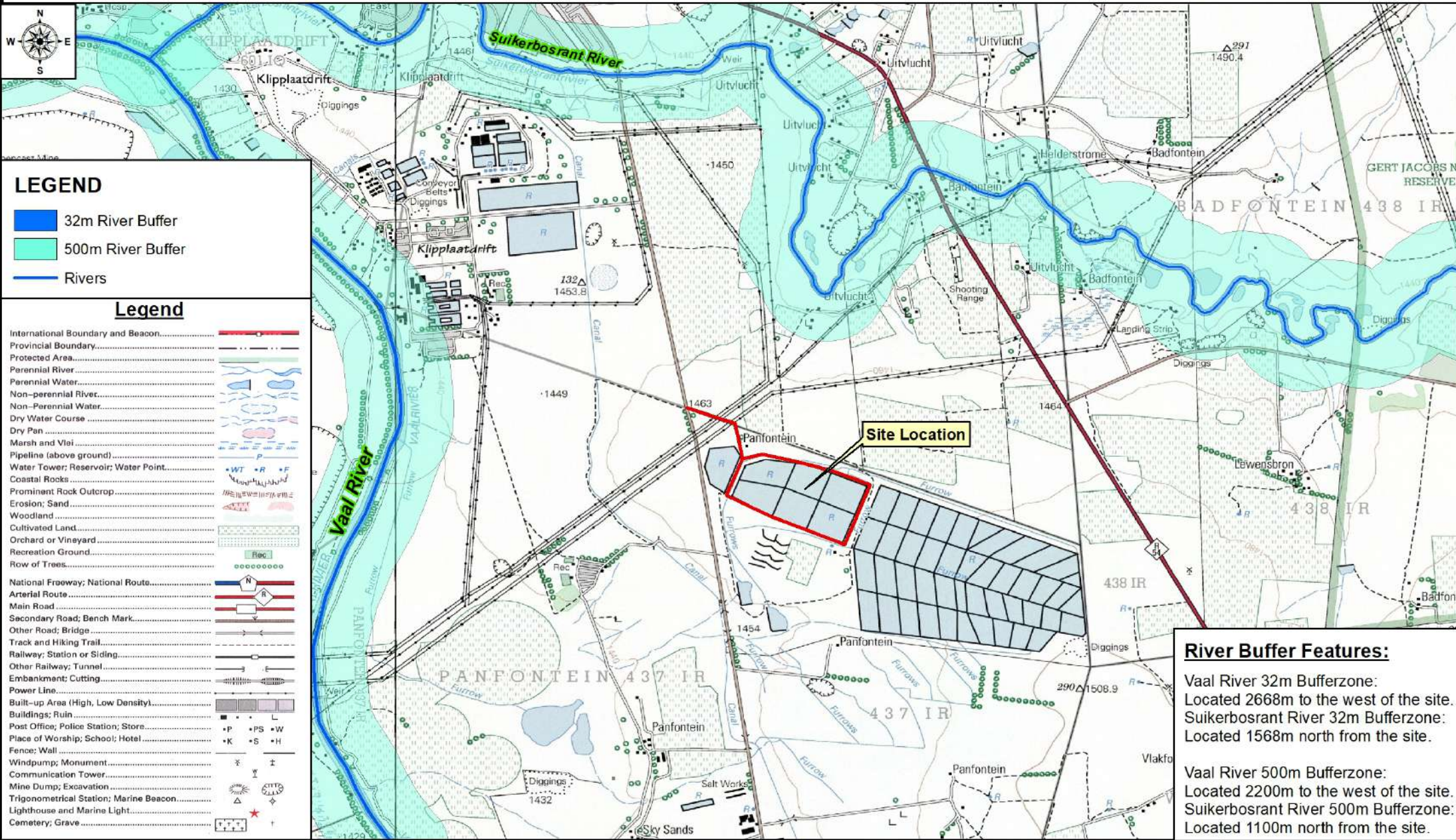
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Map Prepared by: Andre Zanol
 Contact Number: 072 601 2432

RIVER BUFFER MAP - Panfontein Pipeline - Rand Water - Midvaal Local Municipality (Ward 1)



- LEGEND**
- 32m River Buffer
 - 500m River Buffer
 - Rivers

- Legend**
- International Boundary and Beacon.....
 - Provincial Boundary.....
 - Protected Area.....
 - Perennial River.....
 - Perennial Water.....
 - Non-perennial River.....
 - Non-Perennial Water.....
 - Dry Water Course.....
 - Dry Pan.....
 - Marsh and Vlei.....
 - Pipeline (above ground).....
 - Water Tower; Reservoir; Water Point.....
 - Coastal Rocks.....
 - Prominent Rock Outcrop.....
 - Erosion; Sand.....
 - Woodland.....
 - Cultivated Land.....
 - Orchard or Vineyard.....
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 - Built-up Area (High, Low Density).....
 - Buildings; Ruin.....
 - Post Office; Police Station; Store.....
 - Place of Worship; School; Hotel.....
 - Fence; Wall.....
 - Windpump; Monument.....
 - Communication Tower.....
 - Mine Dump; Excavation.....
 - Trigonometrical Station; Marine Beacon.....
 - Lighthouse and Marine Light.....
 - Cemetery; Grave.....

- Legend**
- Panfontein Sludgeline 1.5m

River Buffer Features:

Vaal River 32m Bufferzone:
Located 2668m to the west of the site.

Suikerbosrant River 32m Bufferzone:
Located 1568m north from the site.

Vaal River 500m Bufferzone:
Located 2200m to the west of the site.

Suikerbosrant River 500m Bufferzone:
Located 1100m north from the site.

SG CODES:
 Uitylugt 434 IR
 Portion 77 - TOIR00000000043400077
 Panfontein 437 IR
 Portions 1 - TOIR00000000043700001
 Portion 6 - TOIR00000000043700006
 Portion RE - TOIR00000000043700000

Date: 26 June 2025

General Site Location
 26°42'43.26"S & 28° 2'16.45"E

0 625 1,250 2,500 Meters

SELAHLE
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