

REFERENCE

International Boundary and Beacon	[Symbol]
Provincial Boundary	[Symbol]
Protected Area	[Symbol]
Perennial River	[Symbol]
Non-perennial River	[Symbol]
Dry Water Course	[Symbol]
Dry Pan	[Symbol]
Marsh and Vlei	[Symbol]
Pipeline (above ground)	[Symbol]
Water Tower; Reservoir; Water Point	[Symbol]
Coastal Rocks	[Symbol]
Prominent Rock Outcrop	[Symbol]
Soil: Sand	[Symbol]
Woodland	[Symbol]
Cultivated Land	[Symbol]
Orchard or Vineyard	[Symbol]
Recreation Ground	[Symbol]
Row of Trees	[Symbol]

REFERENCE

National Freeway; National Route	[Symbol]
Arterial Route	[Symbol]
Main Road	[Symbol]
Secondary Road; Bench Mark	[Symbol]
Other Road; Bridge	[Symbol]
Track and Hiking Trail	[Symbol]
Railway; Station or Sticking	[Symbol]
Other Railway; Tunnel	[Symbol]
Enhancement; Cutting	[Symbol]
Power Line	[Symbol]
Built up Area (High, Low Density)	[Symbol]
Buildings; Ruin	[Symbol]
Post Office; Police Station; Store	[Symbol]
Place of Worship; School; Hotel	[Symbol]
Fence; Wall	[Symbol]
Windpump; Monument	[Symbol]
Communication Tower	[Symbol]
Mine Dump; Excavation	[Symbol]
Trigonometrical Station; Marine Beacon	[Symbol]
Lighthouse and Marine Light	[Symbol]
Cemetery; Grave	[Symbol]

Legend

Vegetation

- Highveld Alluvial Vegetation
- Highveld Salt Pans
- Kimberley Thornveld
- Vaalbos Rocky Shrubland



Proposed Layout

Legend

- 1 x TATA bus 32 seater
- 1 x MAN 20 480kw truck + trailer
- 1 x Dyna 3 ton
- Topsoil
- Trench
- 4 x 850 Lui Gong Front-End loader
- 3 x 953 Lui Gong Excavator
- 2 x Toyota D40 3.0
- 1 x Mahindra LDV
- 1 x Bell 840 Dumper
- 2 x Bell 830 Dumper
- 1 x Bell 825 Dumper
- 1 x Pimlay 883 Screen
- 1 x Finaly 993 Screen
- 4 x 16-Rwashing pan
- Gravel
- 1 x 400 Kva John Deere Generator
- 1 x 500 Kva Volvo Generator

SUPERIMPOSED VEGETATION MAP: PROPOSED PROSPECTING AREA ON THE REMAINING EXTENT AND PORTION 6 OF THE FARM NOOITGEDACHT 66 REGISTRATION DIVISION KIMBERLEY, NEAR BARKLY WEST, NORTHERN CAPE PROVINCE. TOTAL EXTENT: 4 620.6068 ha

Adopted from the 1:50 000 Topographical Maps-2824DA

APPLICANT:
MORGENSON
MINING CC

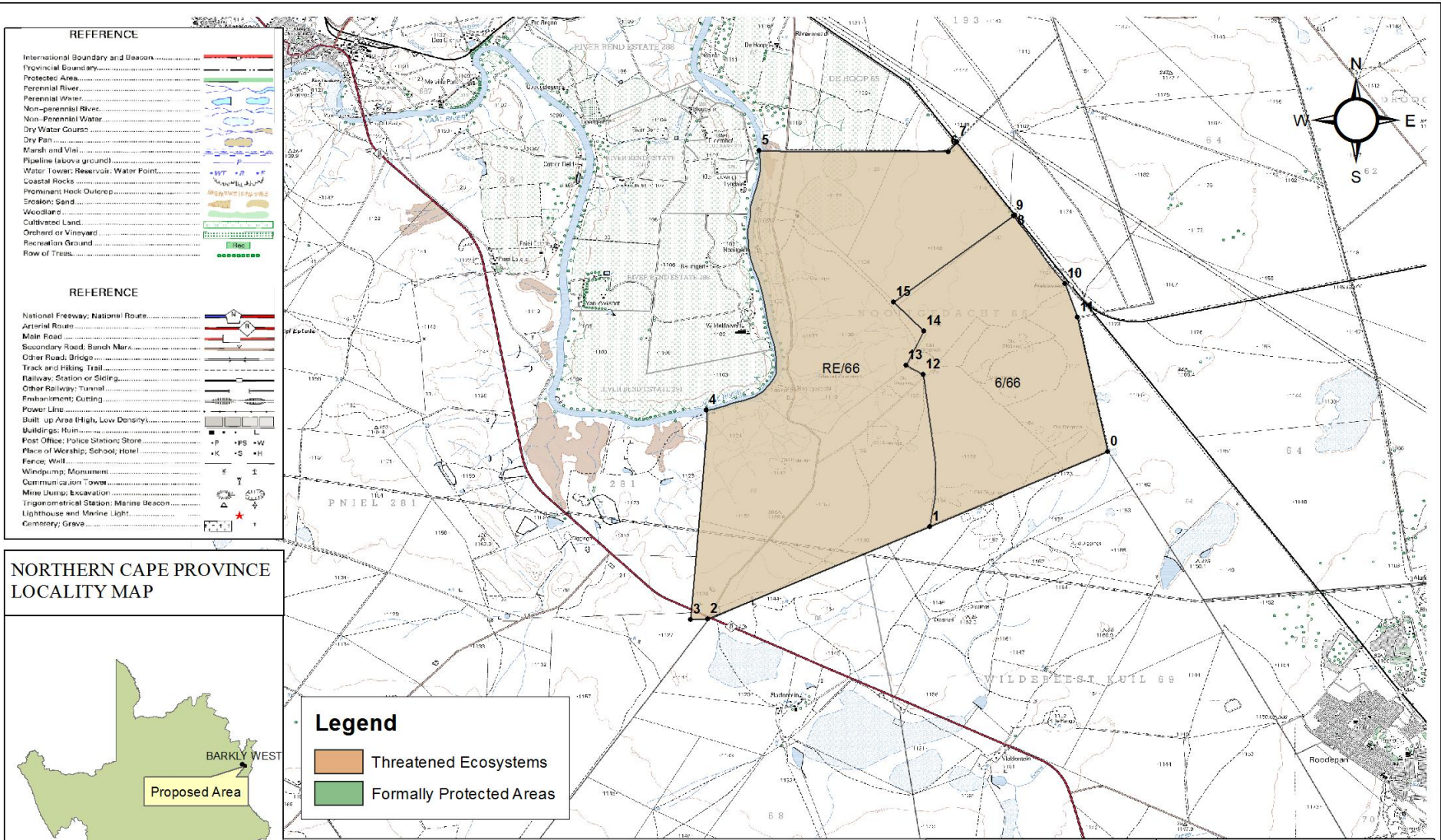
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25°37'44.912"E

Datum: D_WGS_1984
Spheroid: WGS_1984
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NORTHERN CAPE PROVINCE LOCALITY MAP



Legend

- Threatened Ecosystems
- Formally Protected Areas

PROTECTED AREAS MAP: PROPOSED PROSPECTING AREA ON THE REMAINING EXTENT AND PORTION 6 OF THE FARM NOOITGEDACHT 66 REGISTRATION DIVISION KIMBERLEY, NEAR BARKLY WEST, NORTHERN CAPE PROVINCE. TOTAL EXTENT: 4 620.6068 ha

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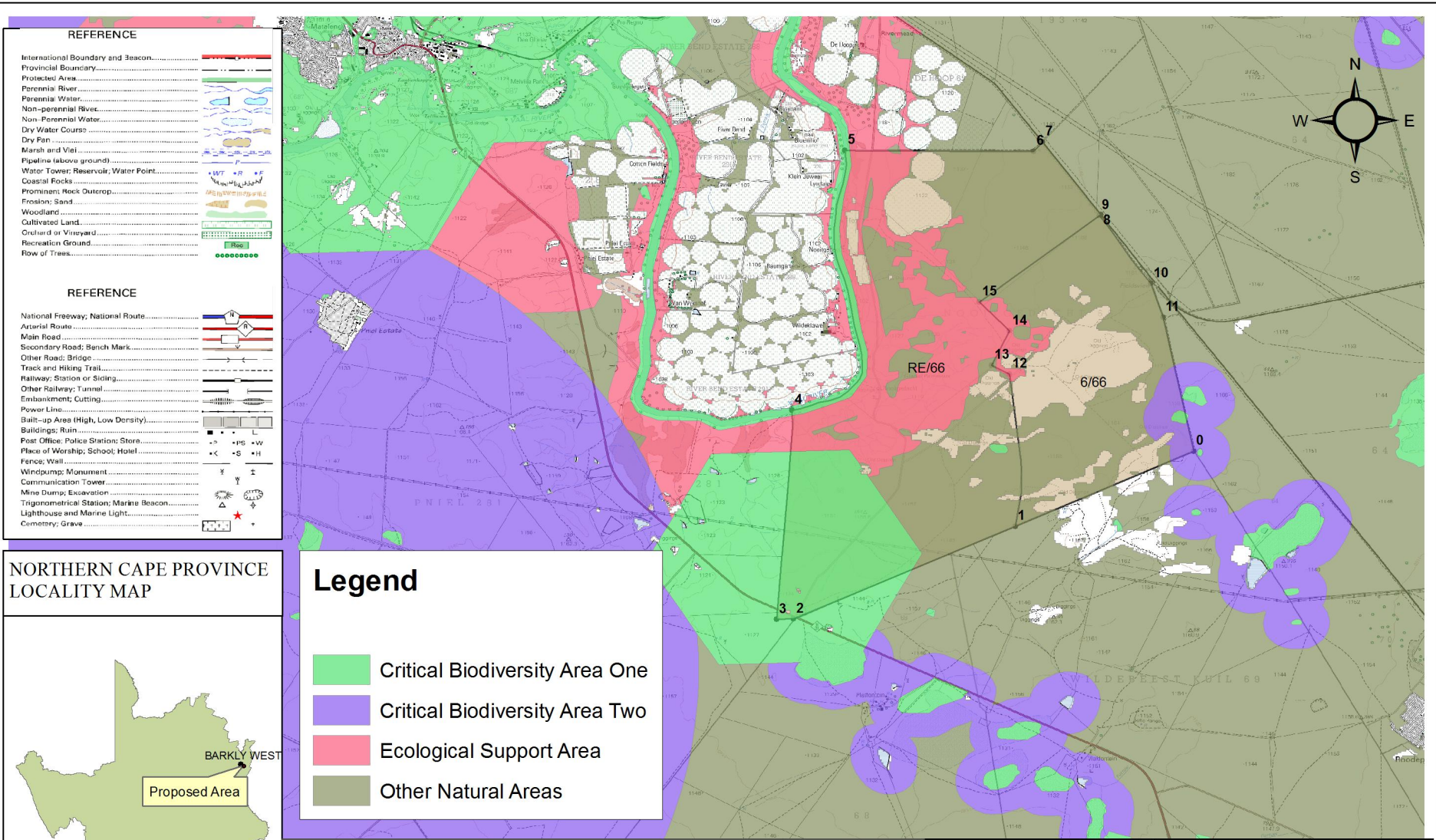
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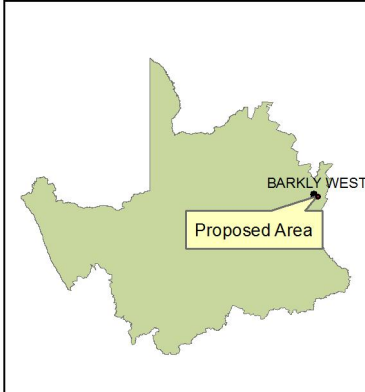




REFERENCE	
International Boundary and Seacoast.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Non-perennial River.....	
Dry Water Courses.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Friction: Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Stopping.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Build-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.....	

NORTHERN CAPE PROVINCE LOCALITY MAP



Legend

	Critical Biodiversity Area One
	Critical Biodiversity Area Two
	Ecological Support Area
	Other Natural Areas

CBA MAP: PROPOSED PROSPECTING AREA ON THE REMAINING EXTENT AND PORTION 6 OF THE FARM NOOITGEDACHT 66
 REGISTRATION DIVISION KIMBERLEY, NEAR BARKLY WEST, NORTHERN CAPE PROVINCE.
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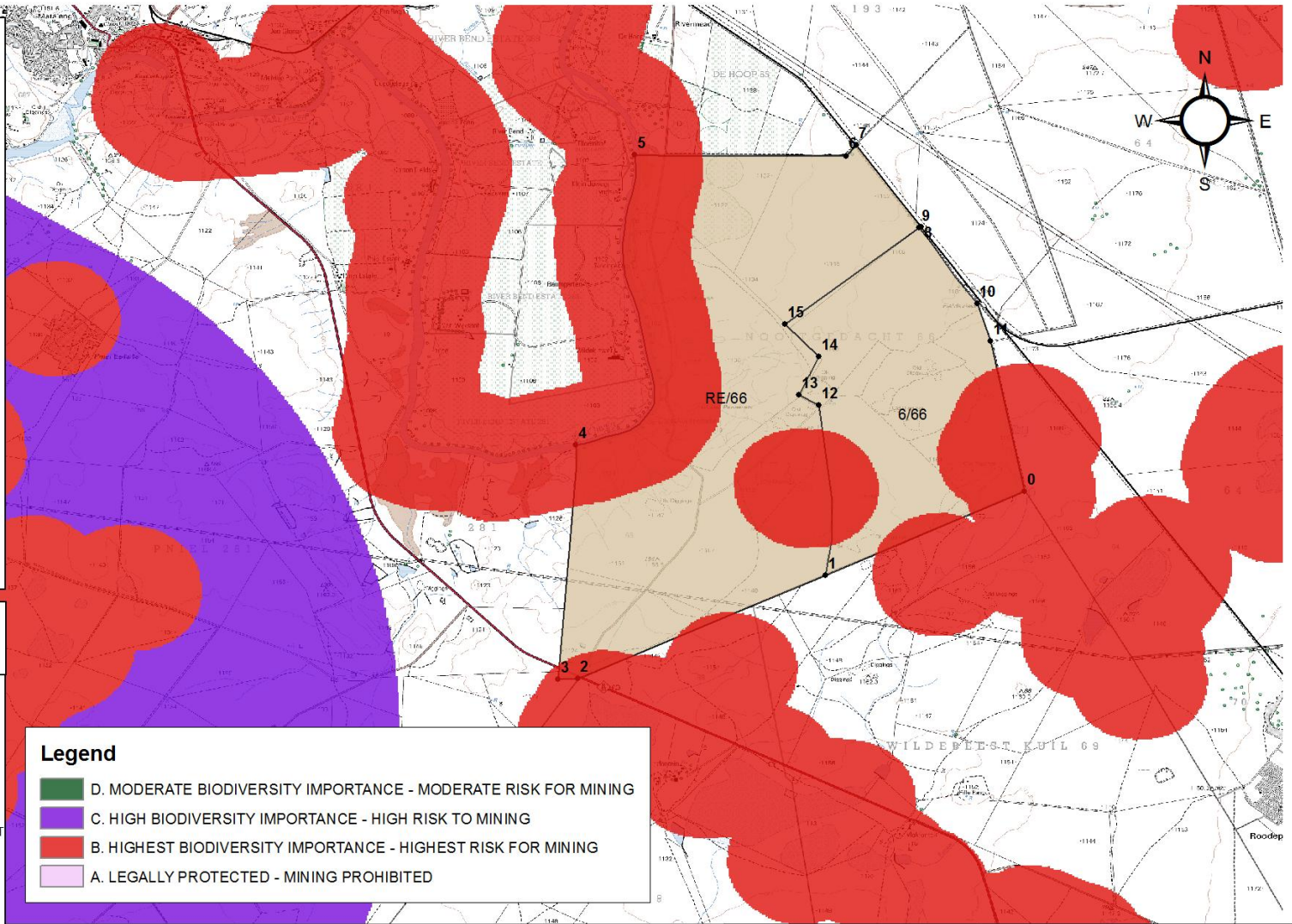
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REFERENCE	
International Boundary and Baseline	
Provincial Boundary	
Protected Area	
Perennial River	
Non-perennial River	
Non-perennial Water	
Dry Water Course	
Dry Pan	
Marsh and Vlei	
Pipeline (above ground)	
Water Tower; Reservoir; Water Point	
Coastal Rocks	
Prominent Rock Outcrop	
Seasonal Sand	
Woodland	
Cultivated Land	
Orchard or Vineyard	
Recreation Ground	
Flow of Trees	

REFERENCE	
National Freeway; National Route	
Arterial Route	
Main Road	
Secondary Road; Branch Mark	
Other Road; Bridge	
Track and Hiking Trail	
Railway; Station or Stopping	
Other Railway; Tunnel	
Enhancement; 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	



NORTHERN CAPE PROVINCE LOCALITY MAP



Legend	
	D. MODERATE BIODIVERSITY IMPORTANCE - MODERATE RISK FOR MINING
	C. HIGH BIODIVERSITY IMPORTANCE - HIGH RISK TO MINING
	B. HIGHEST BIODIVERSITY IMPORTANCE - HIGHEST RISK FOR MINING
	A. LEGALLY PROTECTED - MINING PROHIBITED

MINING GUIDE MAP: PROPOSED PROSPECTING AREA ON THE REMAINING EXTENT AND PORTION 6 OF THE FARM NOOITGEDACHT 66 REGISTRATION DIVISION KIMBERLEY, NEAR BARKLY WEST, NORTHERN CAPE PROVINCE. TOTAL EXTENT: 4 620.6068 ha

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MINING CC

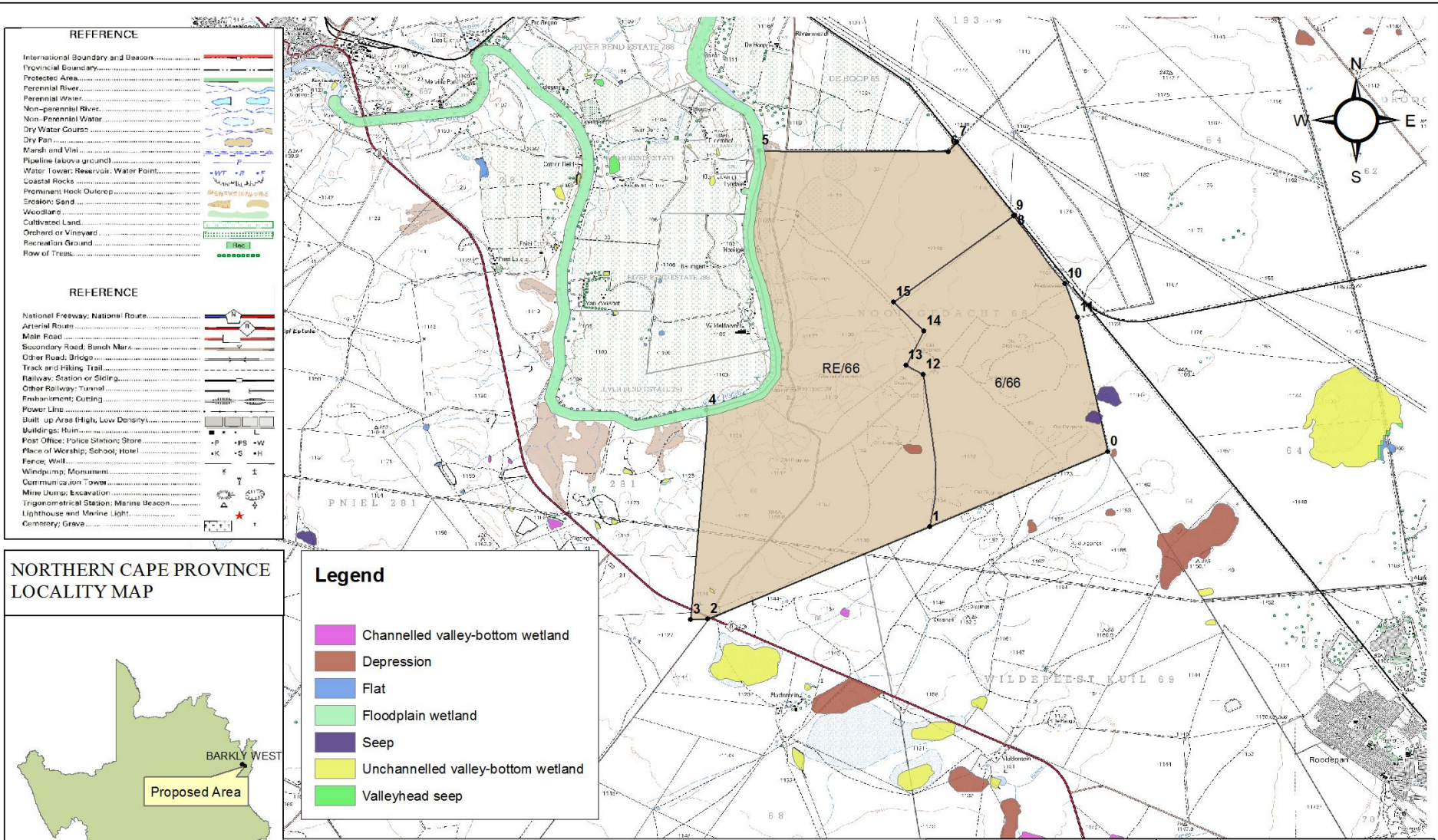
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**NORTHERN CAPE PROVINCE
LOCALITY MAP**



- Legend**
- Channelled valley-bottom wetland
 - Depression
 - Flat
 - Floodplain wetland
 - Seep
 - Unchannelled valley-bottom wetland
 - Valleyhead seep

**WETLAND AREAS MAP: PROPOSED PROSPECTING
AREA ON THE REMAINING EXTENT AND PORTION 6
OF THE FARM NOOITGEDACHT 66
REGISTRATION DIVISION KIMBERLEY, NEAR
BARKLY WEST, NORTHERN CAPE PROVINCE.
TOTAL EXTENT: 4 620.6068 ha**

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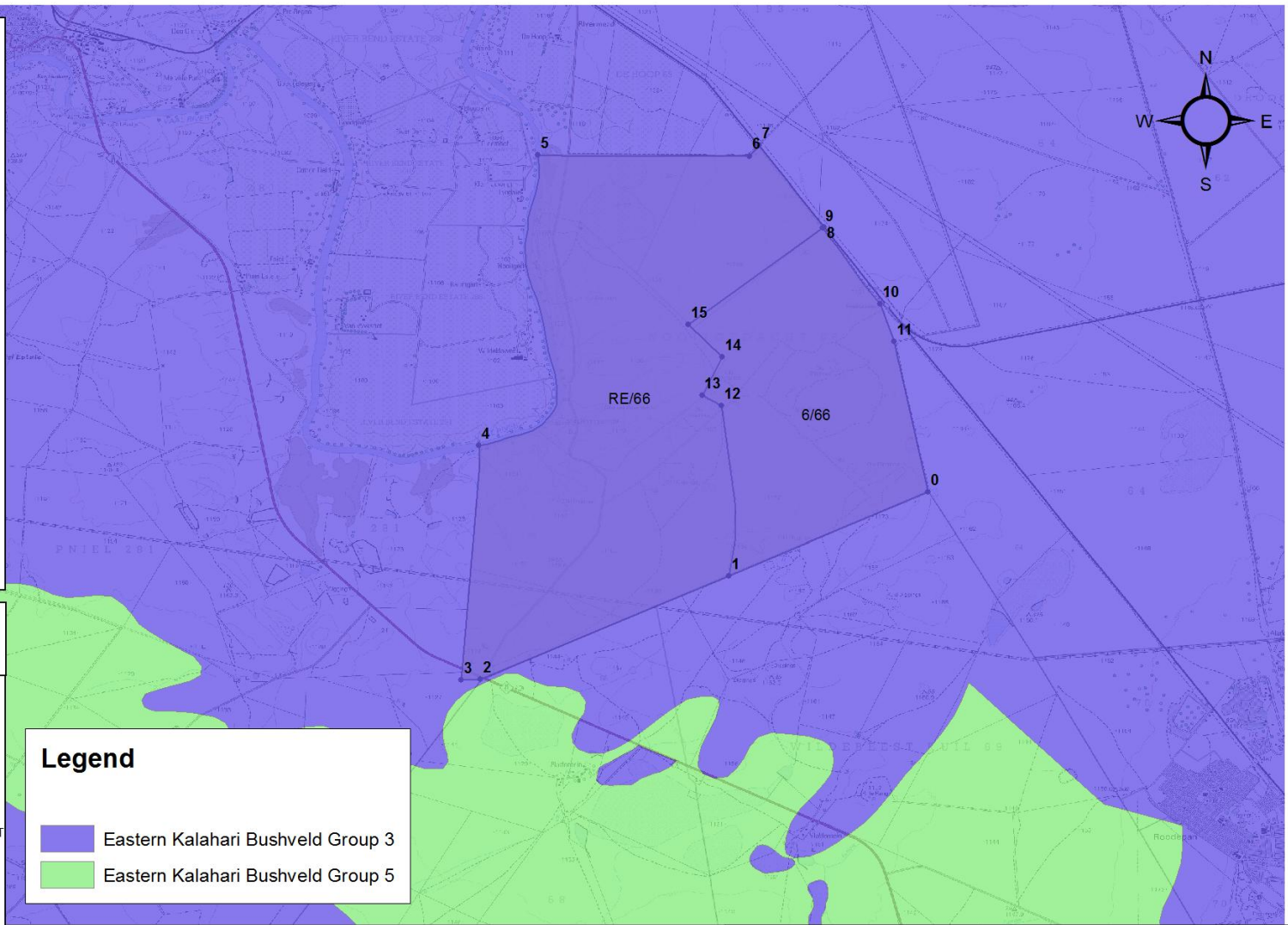
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REFERENCE	
International Boundary and Season	
Provincial Boundary	
Protected Area	
Perennial River	
Non-perennial River	
Dry Water Course	
Dry Pan	
Marsh and Vlei	
Pipeline (above ground)	
Water Tower; Reservoir; Water Point	
Coastal Rocks	
Prominent Rock Outcrop	
Soil: Sand	
Woodland	
Cultivated Land	
Orchard or Vineyard	
Recreation Ground	
Row of Trees	

REFERENCE	
National Freeway; National Route	
Arterial Route	
Main Road	
Secondary Road; Bench Mark	
Other Road; Bridge	
Track and Hiking Trail	
Railway; Station or Stopping	
Other Railway; Tunnel	
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Power Line	
Built up Area (High, Low Density)	
Buildings; Ruin	
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Place of Worship; School; Hotel	
Fence; Wall	
Windpump; Monument	
Communication Tower	
Mine Dump; Excavation	
Trigonometrical Station; Marine Beacon	
Lighthouse and Marine Light	
Cemetery; Grave	



NORTHERN CAPE PROVINCE LOCALITY MAP



Legend	
	Eastern Kalahari Bushveld Group 3
	Eastern Kalahari Bushveld Group 5



WETLAND AREAS MAP: PROPOSED PROSPECTING AREA ON THE REMAINING EXTENT AND PORTION 6 OF THE FARM NOOITGEDACHT 66 REGISTRATION DIVISION KIMBERLEY, NEAR BARKLY WEST, NORTHERN CAPE PROVINCE. TOTAL EXTENT: 4 620.6068 ha

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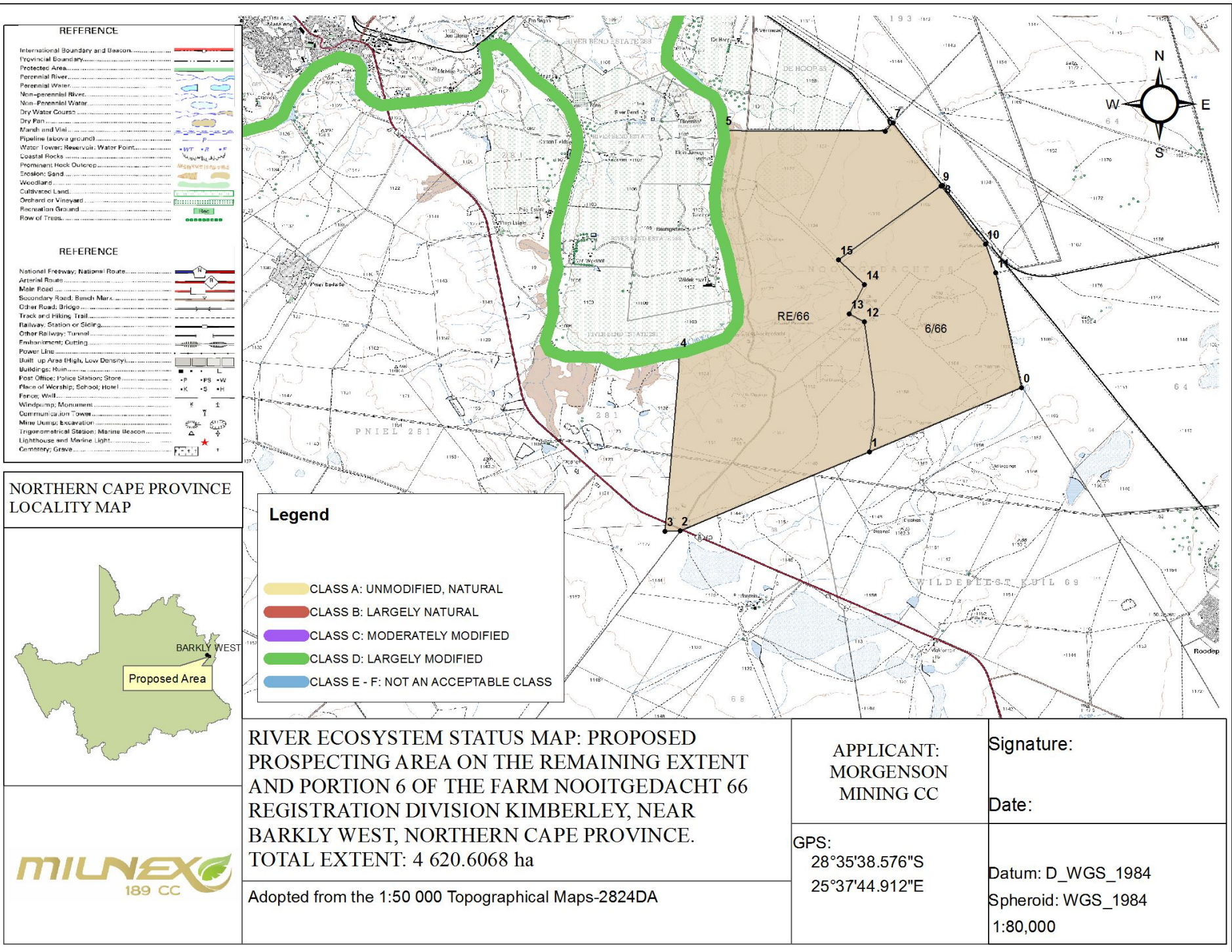
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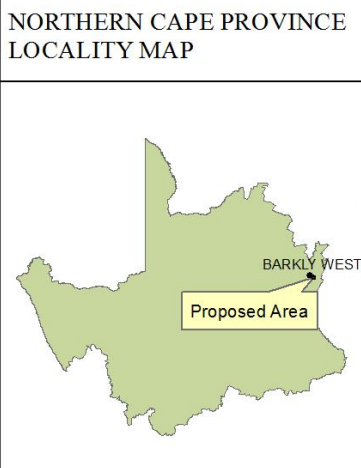
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International Boundary and Beacon	—●—
Provincial Boundary	—●—
Protected Area	—●—
Perennial River	—●—
Non-perennial River	—●—
Dry Water Course	—●—
Dry Pan	—●—
Marsh and Vlei	—●—
Pipeline (above ground)	—●—
Water Tower; Reservoir; Water Point	—●—
Coastal Rocks	—●—
Prominent Rock Outcrop	—●—
Seasonal Sand	—●—
Woodland	—●—
Cultivated Land	—●—
Orchard or Vineyard	—●—
Recreation Ground	—●—
Flow of Trees	—●—

REFERENCE	
National Freeway; National Route	—●—
Arterial Route	—●—
Main Road	—●—
Secondary Road; Bench Mark	—●—
Other Road; Bridge	—●—
Track and Hiking Trail	—●—
Railway; Station or Stopping	—●—
Other Railway; Tunnel	—●—
Enhancement; Cutting	—●—
Power Line	—●—
Built up Area (High, Low Density)	—●—
Buildings; Ruin	—●—
Post Office; Police Station; Store	—●—
Place of Worship; School; Hotel	—●—
Fence; Wall	—●—
Windmill; Monument	—●—
Communication Tower	—●—
Mine Dump; Excavation	—●—
Trigonometrical Station; Marine Beacon	—●—
Lighthouse and Marine Light	—●—
Cemetery; Grave	—●—



Legend

CLASS A: UNMODIFIED, NATURAL
CLASS B: LARGELY NATURAL
CLASS C: MODERATELY MODIFIED
CLASS D: LARGELY MODIFIED
CLASS E - F: NOT AN ACCEPTABLE CLASS

RIVER ECOSYSTEM STATUS MAP: PROPOSED PROSPECTING AREA ON THE REMAINING EXTENT AND PORTION 6 OF THE FARM NOOITGEDACHT 66 REGISTRATION DIVISION KIMBERLEY, NEAR BARKLY WEST, NORTHERN CAPE PROVINCE.
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