

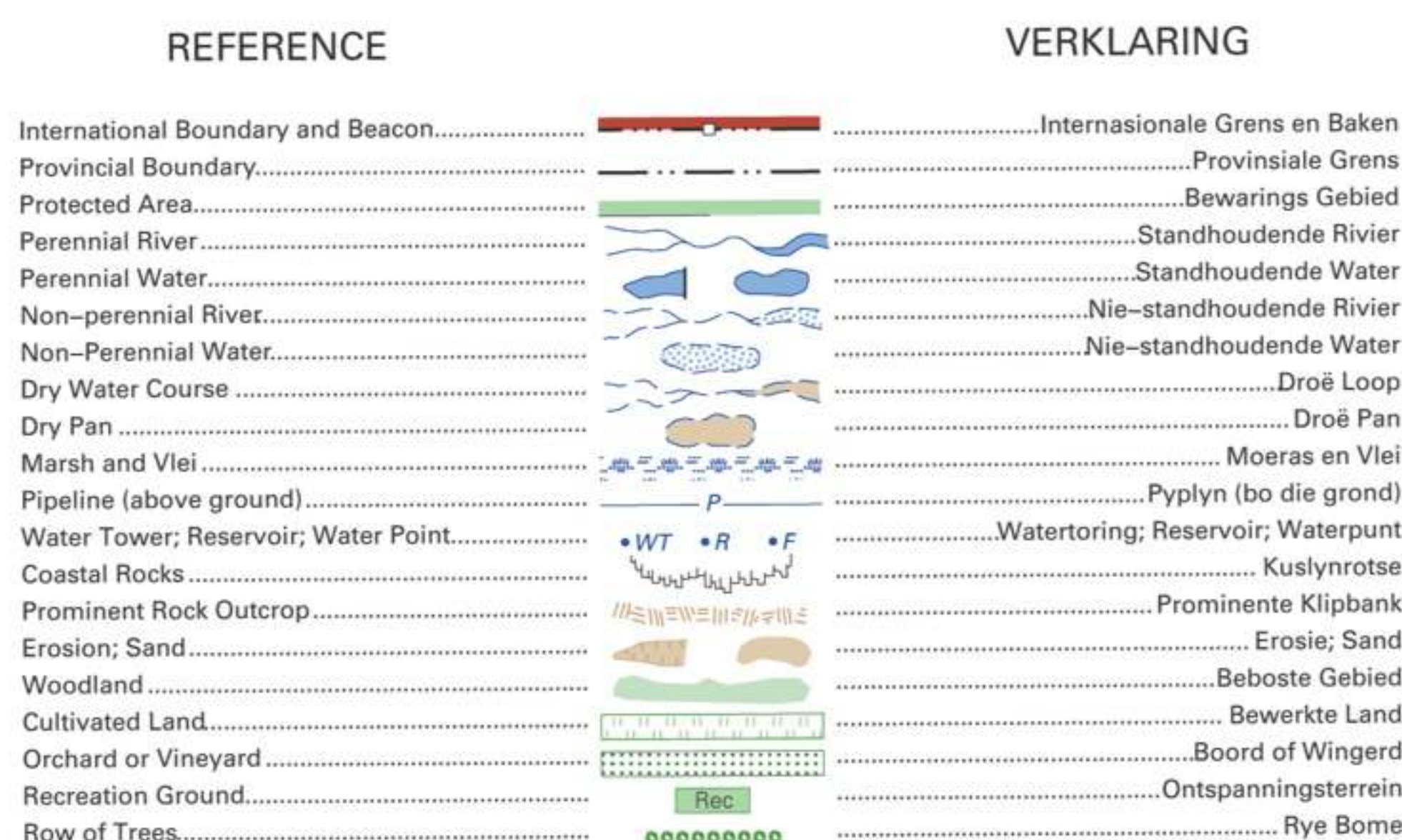
CONTOUR INTERVAL 20 METRES KONTOERTUSSENRUIMTE 20 METER

Heights are in metres above mean sea level
Hoogtes is in meter bo gemiddelde seespiegel

Gauss Conform Projection, Central Meridian 29° East.
Hartebeesthoek 94 Datum (WGS84 Ellipsoid).

Mean magnetic declination 12°57' West of True North (July 2002).
Mean annual change 7' Westwards (2000–2005).
Supplied by Hermanus Magnetic Observatory.

Gemiddelde magnetiese deklinasie 12°57' Wes van Ware Noord(Julie 2002).
Gemiddelde jaarlikse verandering 7' Westwaarts (2000–2005).
Voorsien deur die Hermanus Magnetiese Observatorium.

2230AA MUSINA THIRD EDITION
DERDE UITGAWE 1999



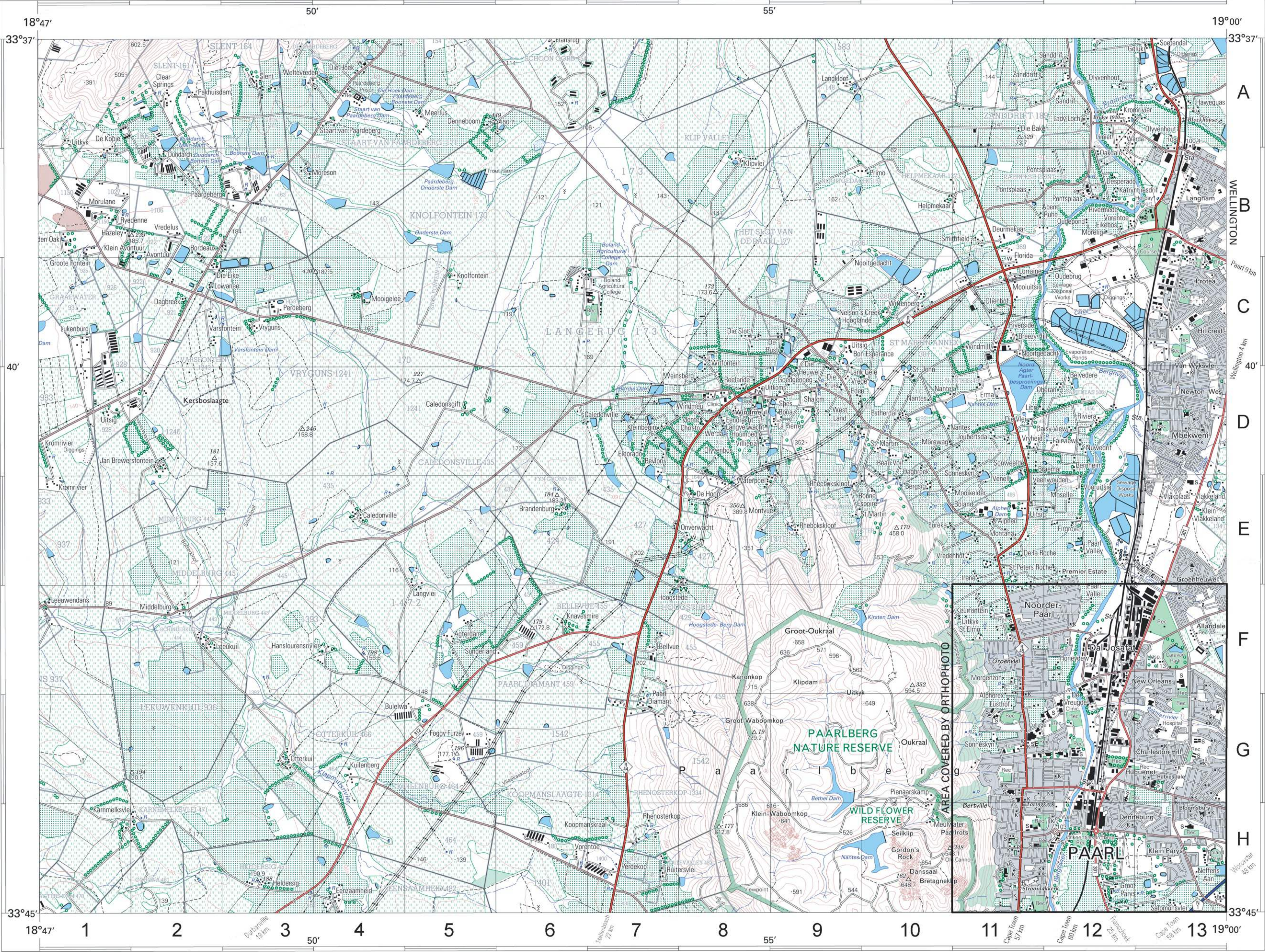
Gauss Conform Projection. Central Meridian 31° East
Contour Interval 5 Metres
Grid Interval 1 000 Metres
Hartebeesthoek 94 Datum
WGS84 Ellipsoid

1 : 10 000

Gauss Konforme Projeksie. Middelmeridiaan 31° Oos
Kontoertussenruimte 5 Meter
Ruittussenruimte 1 000 Meter
Hartebeesthoek 94 Datum
WGS84 Ellipsoid

2230 AC 11 SECOND EDITION
TWEDE UITGAWE 2004

2229BD10	2230AC6	2230AC7
2229BD15	2230AC11	2230AC12
2229BD20	2230AC16	2230AC17



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Gedruk deur die Staatsdrukker, Private Bag X85, Pretoria

REFERENCE	VERKLARING
National Freeway; National Route.....	Nasionale Deurpad; Nasionale Roete
Arterial Route.....	Hoofverkeersroete
Main Road.....	Hoofpad
Secondary Road; Bench Mark.....	Sekondêre Pad; Hoogtemerk
Other Road; Bridge.....	Andere Pad; Brug
Track and Hiking Trail.....	Dowwe Pad en Voetslaanpad
Railway; Station or Siding.....	Spoorweg; Stasie of Sylyn
Other Railway; Tunnel.....	Andere Spoorweg; Tonnel
Embankment; Cutting.....	Opvalling; Deurgrawing
Power Line.....	Kraglyn
Built-up Area (High, Low Density).....	Beboude Gebied (Hoë, Laë Digtheid)
Buildings; Ruin.....	Geboue; Murasie
Post Office; Police Station; Store.....	Poskantoor; Polisieostasie; Winkel
Place of Worship; School; Hotel.....	Plek van Aanbidding; Skool; Hotel
Fence; Wall.....	Draadheining; Muur
Windpump; Monument.....	Windpomp; Monument
Communication Tower.....	Kommunikasietoring
Mine Dump; Excavation.....	Mynhoop; Uitgraving
Trigonometrical Station; Marine Beacon.....	Peilbaken; Seevaartbaken
Lighthouse and Marine Light.....	Vuurtoring en Seevaartlig
Cemetery; Grave.....	Begraafplaas; Graf

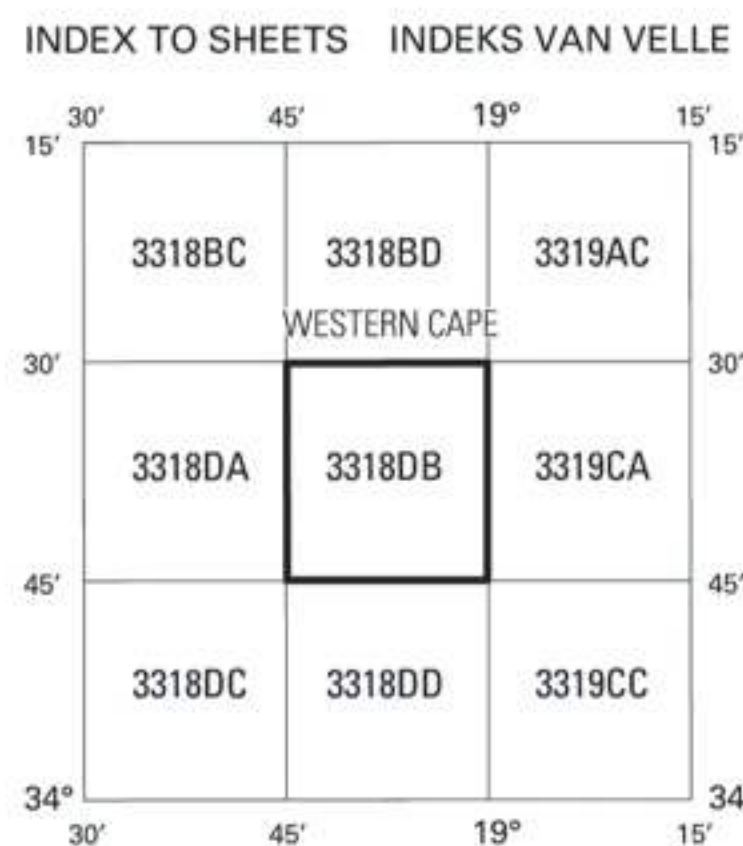
Mean magnetic declination 23°33' West of True North (July 2002).
Mean annual change 6' Westwards (2000-2005).
Supplied by Hermanus Magnetic Observatory.

Gemiddelde magnetiese deklinasie 23°33' Wes van Ware Noord (Julie 2002).
Gemiddelde jaarlikse verandering 6' Weswaarts (2000-2005).
Voorsien deur die Hermanus Magnetiese Observatorium.

Heights are in metres above mean sea level
Hoogtes is in meter bo gemiddelde seespieël

CONTOUR INTERVAL 20 METRES KONTTOERTUSSENRUIMTE 20 METER

Gauss Conform Projection. Central Meridian 19° East.
Hartebeesthoek 94 Datum (WGS84 Ellipsoid).



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The grid lines of the South African Co-ordinate System are indicated in the margin by short black ticks at 10 000 metre intervals, with co-ordinate values in units of 10 000 metres in blue.

Die ruitlyne van die Suid-Afrikaanse Koördinaatsisteem word in die kantlyn aangetoon deur kort swart strepies 10 000 meter van mekaar, met koördinaatwaardes in eenhede van 10 000 meter in blou.

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REFERENCE	VERKLARING
International Boundary and Beacon.....	Internasionale Grens en Baken
Provincial Boundary.....	Provinsiale Grens
Protected Area.....	Bewarings Gebied
Perennial River.....	Standhoudende Rivier
Perennial Water.....	Standhoudende Water
Non-perennial River.....	Nie-standhoudende Rivier
Non-perennial Water.....	Nie-standhoudende Water
Dry Water Course.....	Droë Loop
Dry Pan.....	Droë Pan
Marsh and Vlei.....	Moeras en Vlei
Pipeline (above ground).....	Pypleyn (bo die grond)
Water Tower; Reservoir; Water Point.....	Watertoring; Reservoir; Waterpunt
Coastal Rocks.....	Kuslynroete
Prominent Rock Outcrop.....	Prominente Klipbaken
Erosion; Sand.....	Erosie; Sand
Woodland.....	Beboste Gebied
Cultivated Land.....	Bewerkte Land
Orchard or Vineyard.....	Boord of Wingerd
Recreation Ground.....	Ontspanningsterrein
Row of Trees.....	Rye Bome

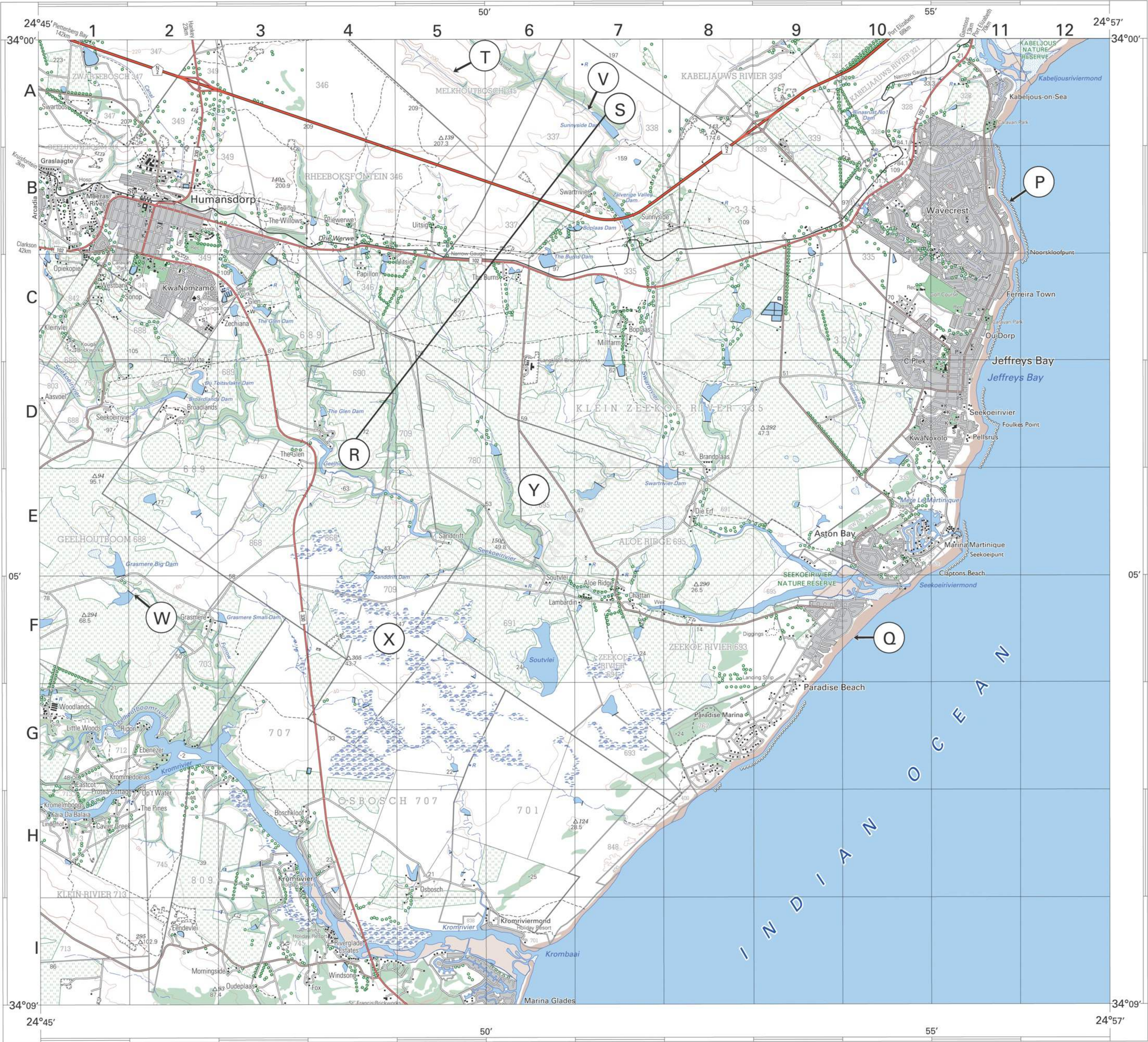
Kadastrale inligting verskrek deur die Landmeter-generaal
Oorspronklike Plaat

Geographical names, show in this type face, have not been officially approved.
Geografiese name, in hierdie letterbeeld, is nie amptelik goedgekeur nie.





INDEKS VAN VELLE			INDEX TO SHEETS		
DB19	DB20	CA16	DB24	DB25	CA21
DD4	DD5	CC1			



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Gedruk deur die Hoofdirektoraat: Opmetings en Kartering.

REFERENCE

National Freeway; National Route.....
Arterial Road.....
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.....

VERKLARING

Nasionale Deurpad; Nasionale Roete.....
Hoofverkeersroete.....
Hoofpad.....
Sekondêre Pad; Hoogtemerk.....
Anders Pad; Brug.....
Dowwe Pad en Voetslaanpad.....
Spoorweg; Stasie of Sylyn.....
Anders Spoorweg; Tonnel.....
Opvulling; Deurgrawing.....
Kraglyn.....
Beboude Gebied (Hoë, Laë Digtheid).....
Geboue; Mursie.....
Poskantoor; Polisieostasie; Winkel.....
Plek van Aanbidding; Skool; Hotel.....
Draadheining; Muur.....
Windpomp; Monument.....
Kommunikasietoring.....
Mynhoop; Uitgraving.....
Peilbaken; Seevaartbaken.....
Vuurtoring en Seevaartlig.....
Begraafplaas; Graf.....

REFERENCE

International Boundary and Beacon.....
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.....
Erosion; Sand.....
Woodland.....
Cultivated Land.....
Orchard or Vineyard.....
Recreation Ground.....
Row of Trees.....

VERKLARING

Internasionale Grens en Baken.....
Provinsiale Grens.....
Bewarings Gebied.....
Standhoudende Rivier.....
Standhoudende Water.....
Nie-standhoudende Rivier.....
Nie-standhoudende Water.....
Droë Loop.....
Droë Pan.....
Moeras en Vlei.....
Pylyn (bo die grond).....
Wateroring; Reservoir; Waterpunt.....
Kuslynroete.....
Prominente Klipbank.....
Erosie; Sand.....
Beboste Gebied.....
Bewerkte Land.....
Boord of Wingerd.....
Ontspanningsterrein.....
Rye Bome.....

Contour Interval 20 Metres / Kontoeurtussenruimte 20 Meter

Gauss Conform Projection, Central Meridian 25° East.
Hartebeesthoek 94 Datum (WGS84 Ellipsoid).

Mean magnetic declination 25°29' West of True North (July 2001).
Mean annual change 9' Westwards (1995-2000).
Supplied by Hermanus Magnetic Observatory.

Gemiddelde magnetiese deklinasie 25°29' Wes van Ware Noord (Julie 2001).
Gemiddelde jaarlikse verandering 9' Weswaarts (1995-2000).
Voorsien deur die Hermanus Magnetiese Observatorium.

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Kadastral information supplied by the Surveyor-General
Oorspronklike Plase

3424 BB 1 HUMANSDORP

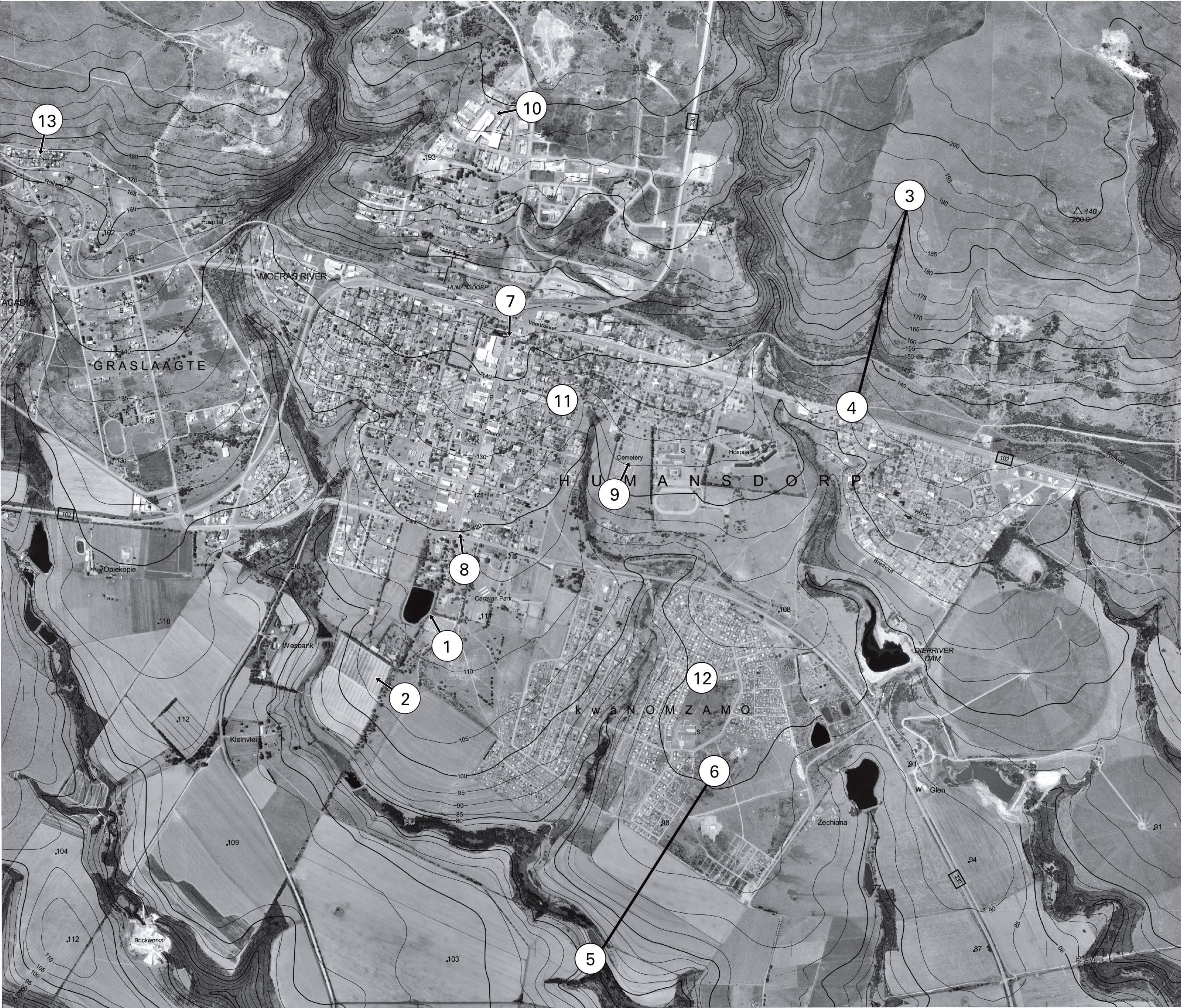
ORTHOPHOTO MAP SERIES
ORTOFOTO KAARTREKS

1 : 10 000

SOUTH AFRICA
SUID-AFRIKA

24°45'

24°48'



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Photography 499/357
Fotografie 499/357

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Gauss Conform Projection, Central Meridian 25° East

Contour Interval 5 Meters

Grid Interval 1 000 Meters

Hartebeesthoek 94 Datum

WGS84 Ellipsoid

1:10 000



WGS84

Gauss Konforme Projeksie, Middellmeridiaan 25° Oos

Kontoertussenruimte 5 Meter

Ruitussenruimte 1 000 Meter

Hartebeesthoek 94 Datum

WGS84 Ellipsoid

3424 BB 1

SECOND EDITION
TWEDE UITGAWE
1999

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3324DC25	3324DD21	3324DD22
3424BA5	3424BB1	3424BB2
3424BA10	3424BB5	3424BB7

24°45'