

420000 450000 480000 510000 540000

BUNDABERG REGIONAL







NORTH BURNETT REGIONAL

SOUTH PACIFIC OCEAN




Forest Wind

Figure PO9-1 Landscape study area

- Legend**
-  Landscape Study Area 30km
 -  FW_Layout 29 R04 190607_All stages
 -  Local Govt Boundary
 -  Built up areas
 -  Forest plantation licence areas
 -  Viewpoints

1:350000 on A3
 Created by: CleanSight Pty Ltd
 Last modified: 23/08/2019
 Version: DWG017_v02_FW GIS Landscape figure PO9-1 Landscape study area

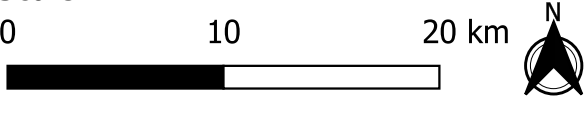
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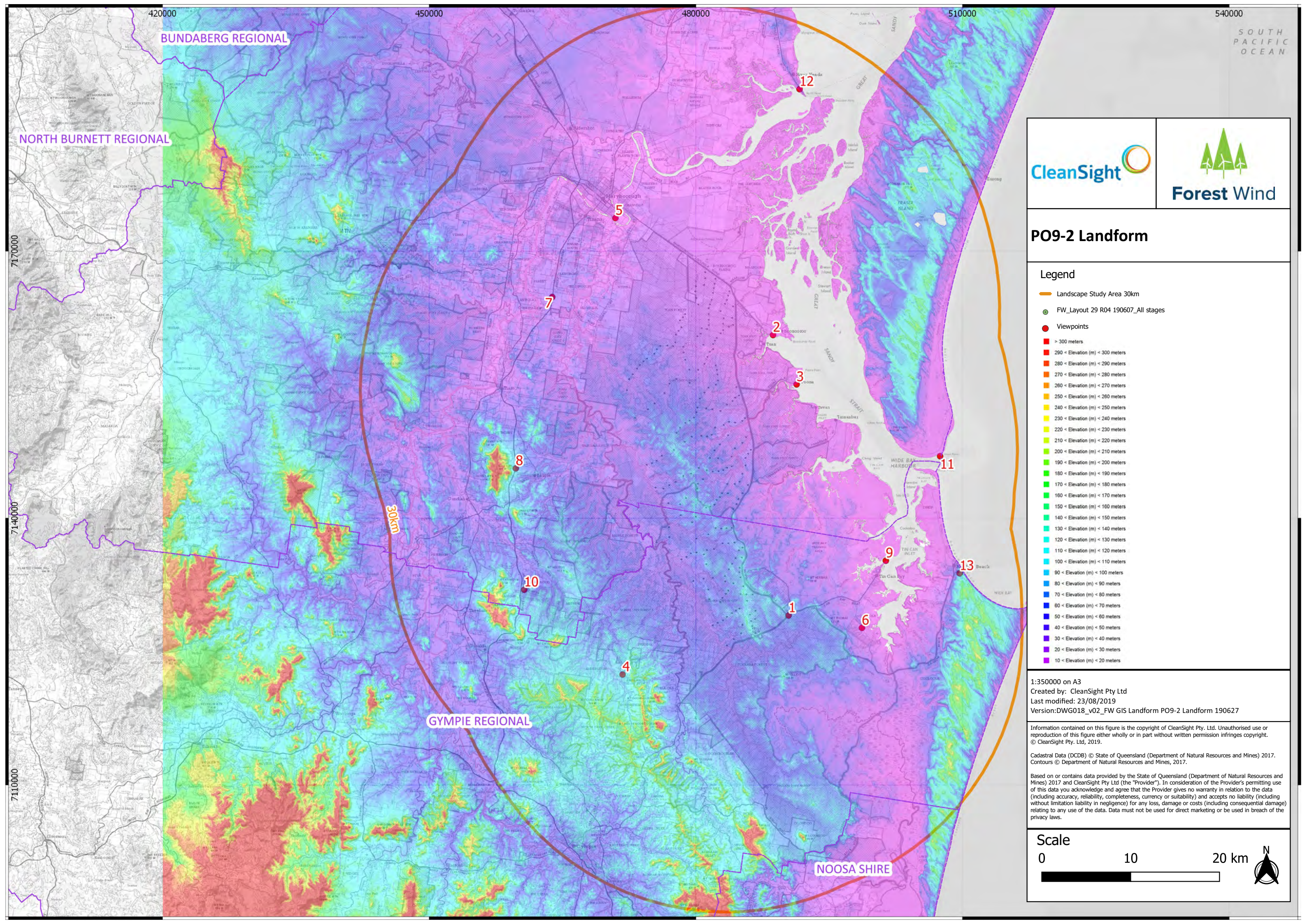
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Scale

0 10 20 km





SOUTH PACIFIC OCEAN



PO9-2 Landform

Legend

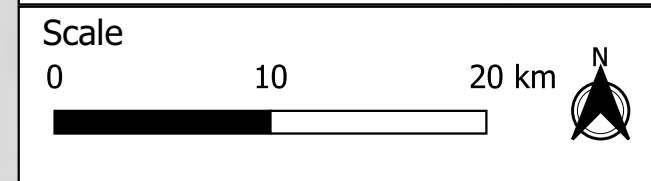
- Landscape Study Area 30km
- FW_Layout 29 R04 190607_All stages
- Viewpoints
- > 300 meters
- 290 < Elevation (m) < 300 meters
- 280 < Elevation (m) < 290 meters
- 270 < Elevation (m) < 280 meters
- 260 < Elevation (m) < 270 meters
- 250 < Elevation (m) < 260 meters
- 240 < Elevation (m) < 250 meters
- 230 < Elevation (m) < 240 meters
- 220 < Elevation (m) < 230 meters
- 210 < Elevation (m) < 220 meters
- 200 < Elevation (m) < 210 meters
- 190 < Elevation (m) < 200 meters
- 180 < Elevation (m) < 190 meters
- 170 < Elevation (m) < 180 meters
- 160 < Elevation (m) < 170 meters
- 150 < Elevation (m) < 160 meters
- 140 < Elevation (m) < 150 meters
- 130 < Elevation (m) < 140 meters
- 120 < Elevation (m) < 130 meters
- 110 < Elevation (m) < 120 meters
- 100 < Elevation (m) < 110 meters
- 90 < Elevation (m) < 100 meters
- 80 < Elevation (m) < 90 meters
- 70 < Elevation (m) < 80 meters
- 60 < Elevation (m) < 70 meters
- 50 < Elevation (m) < 60 meters
- 40 < Elevation (m) < 50 meters
- 30 < Elevation (m) < 40 meters
- 20 < Elevation (m) < 30 meters
- 10 < Elevation (m) < 20 meters

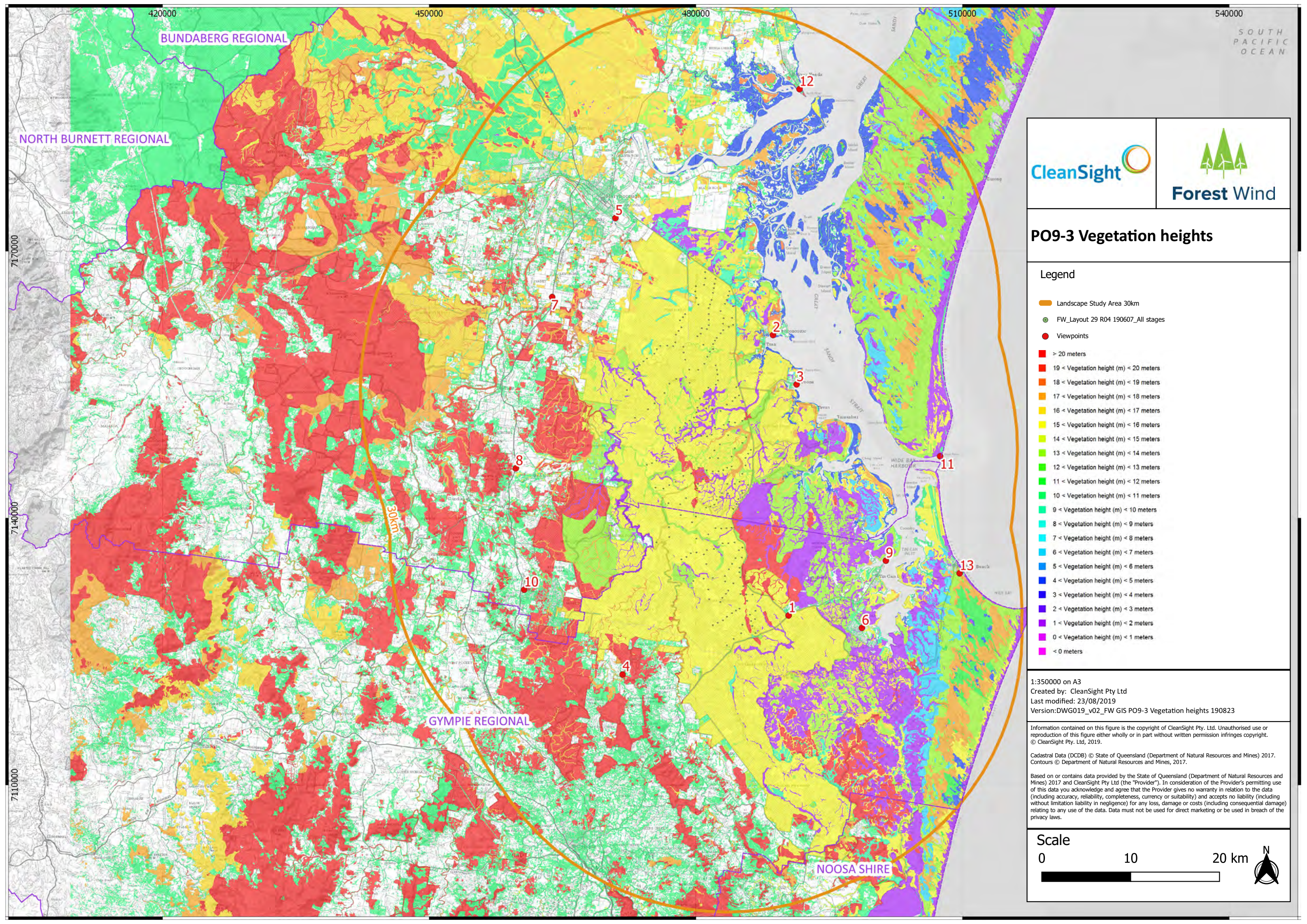
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 Last modified: 23/08/2019
 Version: DWG018_v02_FW GIS Landform PO9-2 Landform 190627

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SOUTH PACIFIC OCEAN

420000 450000 480000 510000

7170000

7140000

7110000

30km

BUNDABERG REGIONAL

NORTH BURNETT REGIONAL

GYMPIE REGIONAL

NOOSA SHIRE

12

5

7

2

3

11

9

13

10

4





















1

6




Forest Wind

P09-3 Vegetation heights

- Legend**
-  Landscape Study Area 30km
 -  FW_Layout 29 R04 190607_All stages
 -  Viewpoints
 -  > 20 meters
 -  19 < Vegetation height (m) < 20 meters
 -  18 < Vegetation height (m) < 19 meters
 -  17 < Vegetation height (m) < 18 meters
 -  16 < Vegetation height (m) < 17 meters
 -  15 < Vegetation height (m) < 16 meters
 -  14 < Vegetation height (m) < 15 meters
 -  13 < Vegetation height (m) < 14 meters
 -  12 < Vegetation height (m) < 13 meters
 -  11 < Vegetation height (m) < 12 meters
 -  10 < Vegetation height (m) < 11 meters
 -  9 < Vegetation height (m) < 10 meters
 -  8 < Vegetation height (m) < 9 meters
 -  7 < Vegetation height (m) < 8 meters
 -  6 < Vegetation height (m) < 7 meters
 -  5 < Vegetation height (m) < 6 meters
 -  4 < Vegetation height (m) < 5 meters
 -  3 < Vegetation height (m) < 4 meters
 -  2 < Vegetation height (m) < 3 meters
 -  1 < Vegetation height (m) < 2 meters
 -  0 < Vegetation height (m) < 1 meters
 -  < 0 meters

1:350000 on A3
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 Version: DWG019_v02_FW GIS P09-3 Vegetation heights 190823

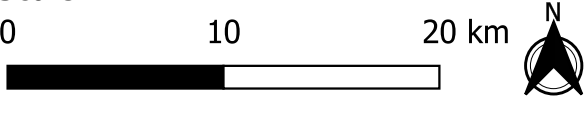
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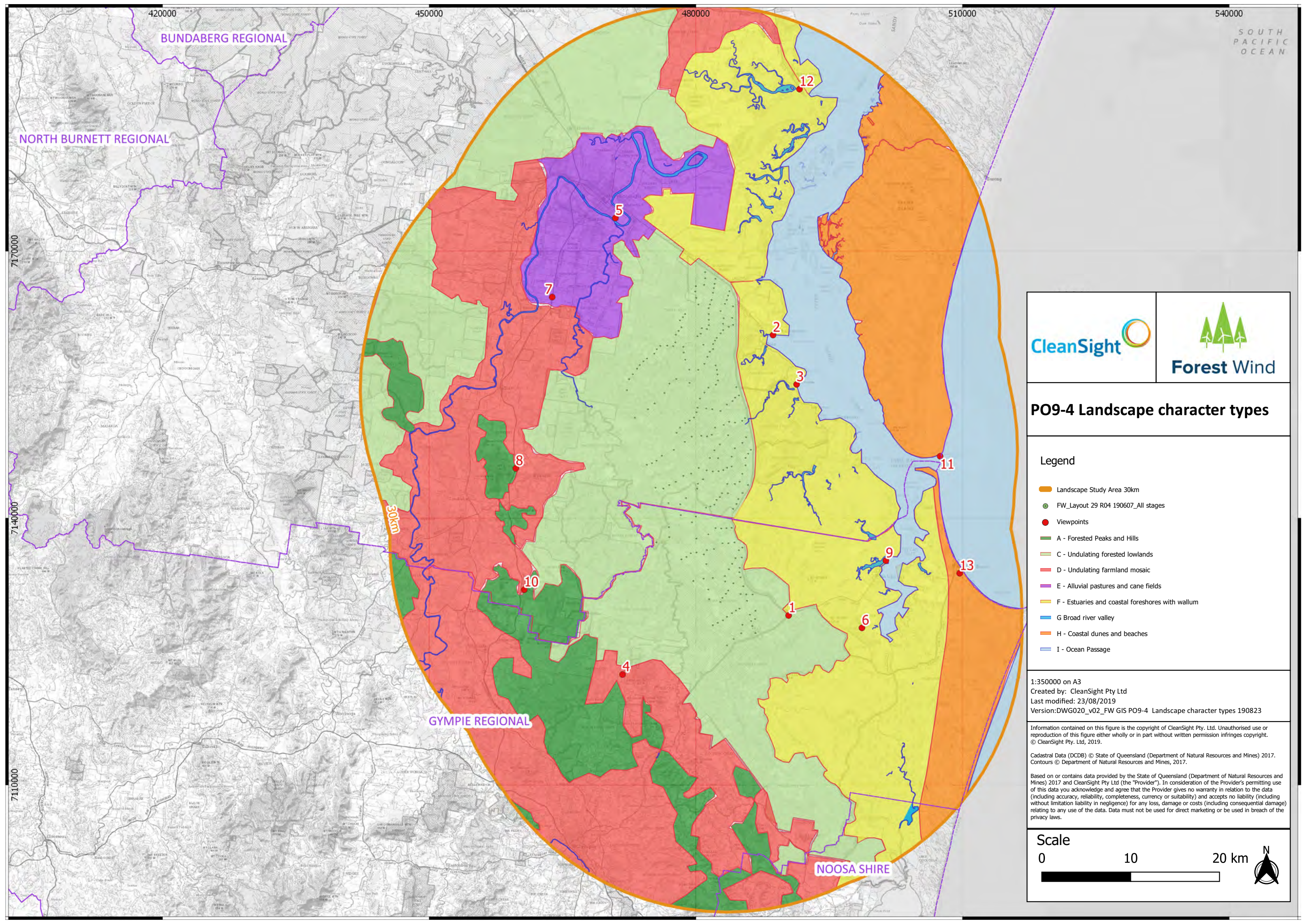
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Scale

0 10 20 km






420000 450000 480000 510000 540000

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NORTH BURNETT REGIONAL

SOUTH PACIFIC OCEAN

PO9-4 Landscape character types

Legend

-  Landscape Study Area 30km
-  FW_Layout 29 R04 190607_All stages
-  Viewpoints
-  A - Forested Peaks and Hills
-  C - Undulating forested lowlands
-  D - Undulating farmland mosaic
-  E - Alluvial pastures and cane fields
-  F - Estuaries and coastal foreshores with wallum
-  G Broad river valley
-  H - Coastal dunes and beaches
-  I - Ocean Passage

1:350000 on A3
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 Last modified: 23/08/2019
 Version:DWG020_v02_FW GIS PO9-4 Landscape character types 190823

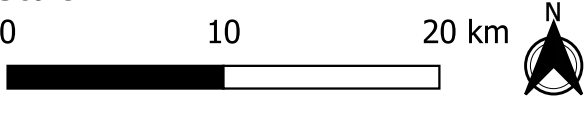
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Scale

0 10 20 km



GYMPIE REGIONAL

NOOSA SHIRE

30km

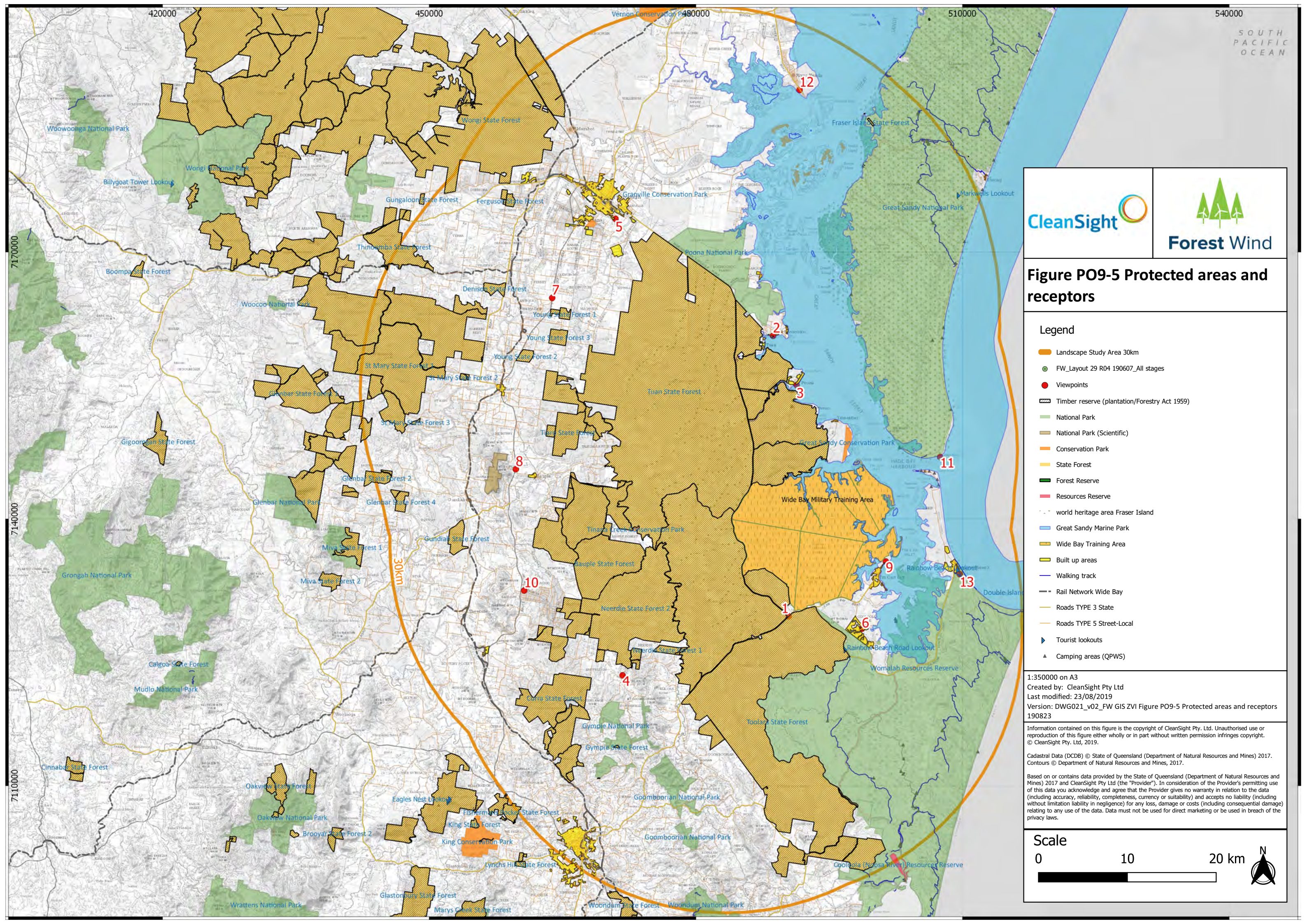


Figure PO9-5 Protected areas and receptors

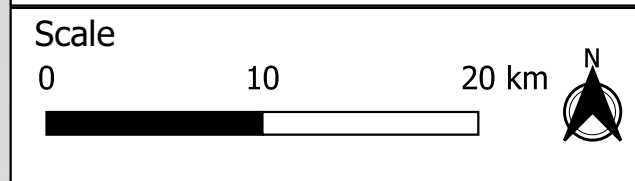
- Legend**
- Landscape Study Area 30km
 - FW_Layout 29 R04 190607_All stages
 - Viewpoints
 - Timber reserve (plantation/Forestry Act 1959)
 - National Park
 - National Park (Scientific)
 - Conservation Park
 - State Forest
 - Forest Reserve
 - Resources Reserve
 - world heritage area Fraser Island
 - Great Sandy Marine Park
 - Wide Bay Training Area
 - Built up areas
 - Walking track
 - Rail Network Wide Bay
 - Roads TYPE 3 State
 - Roads TYPE 5 Street-Local
 - Tourist lookouts
 - Camping areas (QPWS)

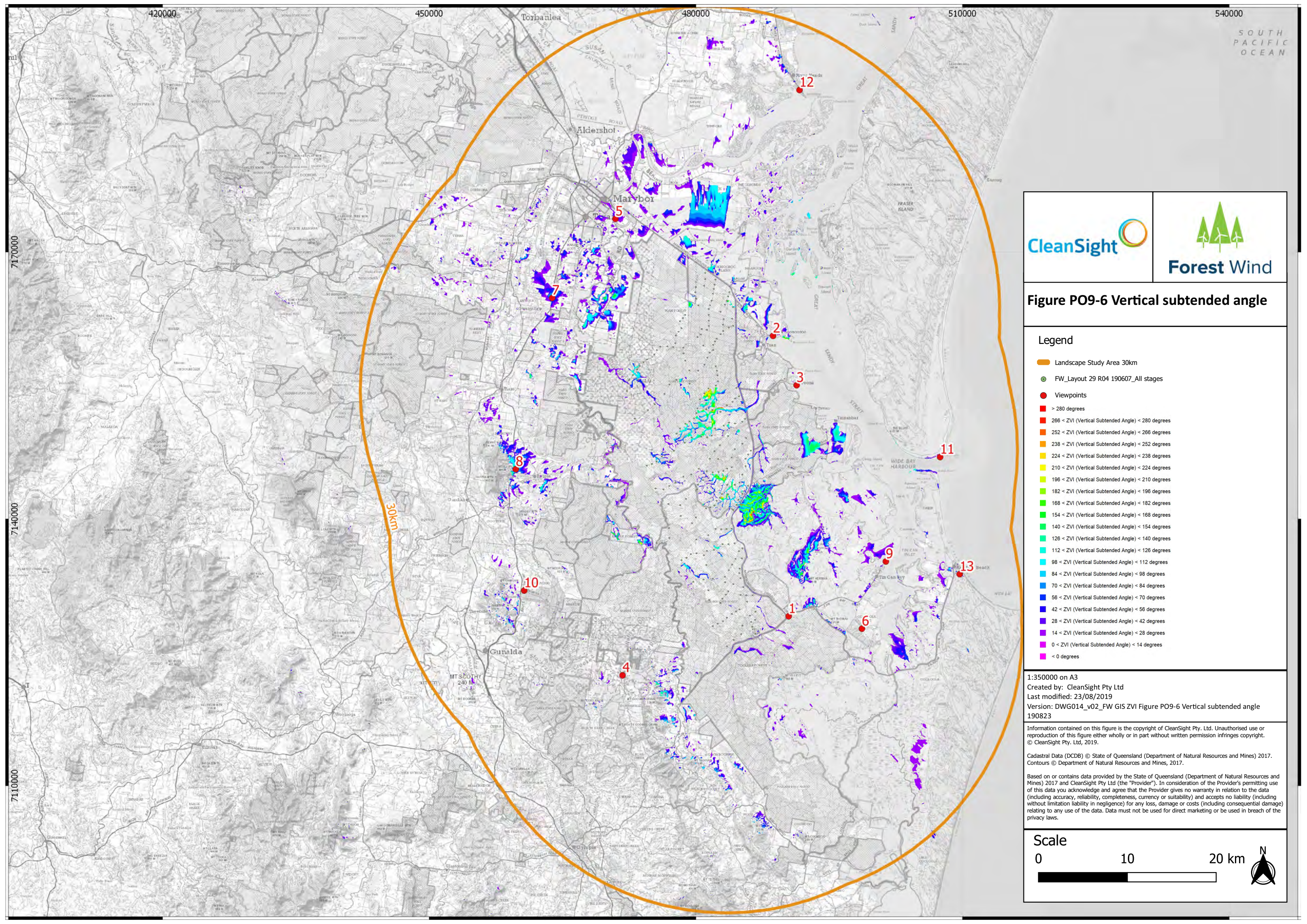
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 Created by: CleanSight Pty Ltd
 Last modified: 23/08/2019
 Version: DWG021_v02_FW GIS ZVI Figure PO9-5 Protected areas and receptors 190823

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SOUTH
PACIFIC
OCEAN



Figure PO9-6 Vertical subtended angle

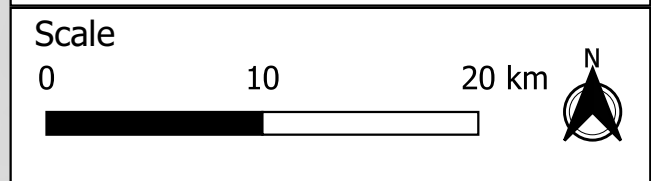
- Legend**
- Landscape Study Area 30km
 - FW_Layout 29 R04 190607_All stages
 - Viewpoints
 - > 280 degrees
 - 266 < ZVI (Vertical Subtended Angle) < 280 degrees
 - 252 < ZVI (Vertical Subtended Angle) < 266 degrees
 - 238 < ZVI (Vertical Subtended Angle) < 252 degrees
 - 224 < ZVI (Vertical Subtended Angle) < 238 degrees
 - 210 < ZVI (Vertical Subtended Angle) < 224 degrees
 - 196 < ZVI (Vertical Subtended Angle) < 210 degrees
 - 182 < ZVI (Vertical Subtended Angle) < 196 degrees
 - 168 < ZVI (Vertical Subtended Angle) < 182 degrees
 - 154 < ZVI (Vertical Subtended Angle) < 168 degrees
 - 140 < ZVI (Vertical Subtended Angle) < 154 degrees
 - 126 < ZVI (Vertical Subtended Angle) < 140 degrees
 - 112 < ZVI (Vertical Subtended Angle) < 126 degrees
 - 98 < ZVI (Vertical Subtended Angle) < 112 degrees
 - 84 < ZVI (Vertical Subtended Angle) < 98 degrees
 - 70 < ZVI (Vertical Subtended Angle) < 84 degrees
 - 56 < ZVI (Vertical Subtended Angle) < 70 degrees
 - 42 < ZVI (Vertical Subtended Angle) < 56 degrees
 - 28 < ZVI (Vertical Subtended Angle) < 42 degrees
 - 14 < ZVI (Vertical Subtended Angle) < 28 degrees
 - 0 < ZVI (Vertical Subtended Angle) < 14 degrees
 - < 0 degrees

1:350000 on A3
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 Last modified: 23/08/2019
 Version: DWG014_v02_FW GIS ZVI Figure PO9-6 Vertical subtended angle 190823

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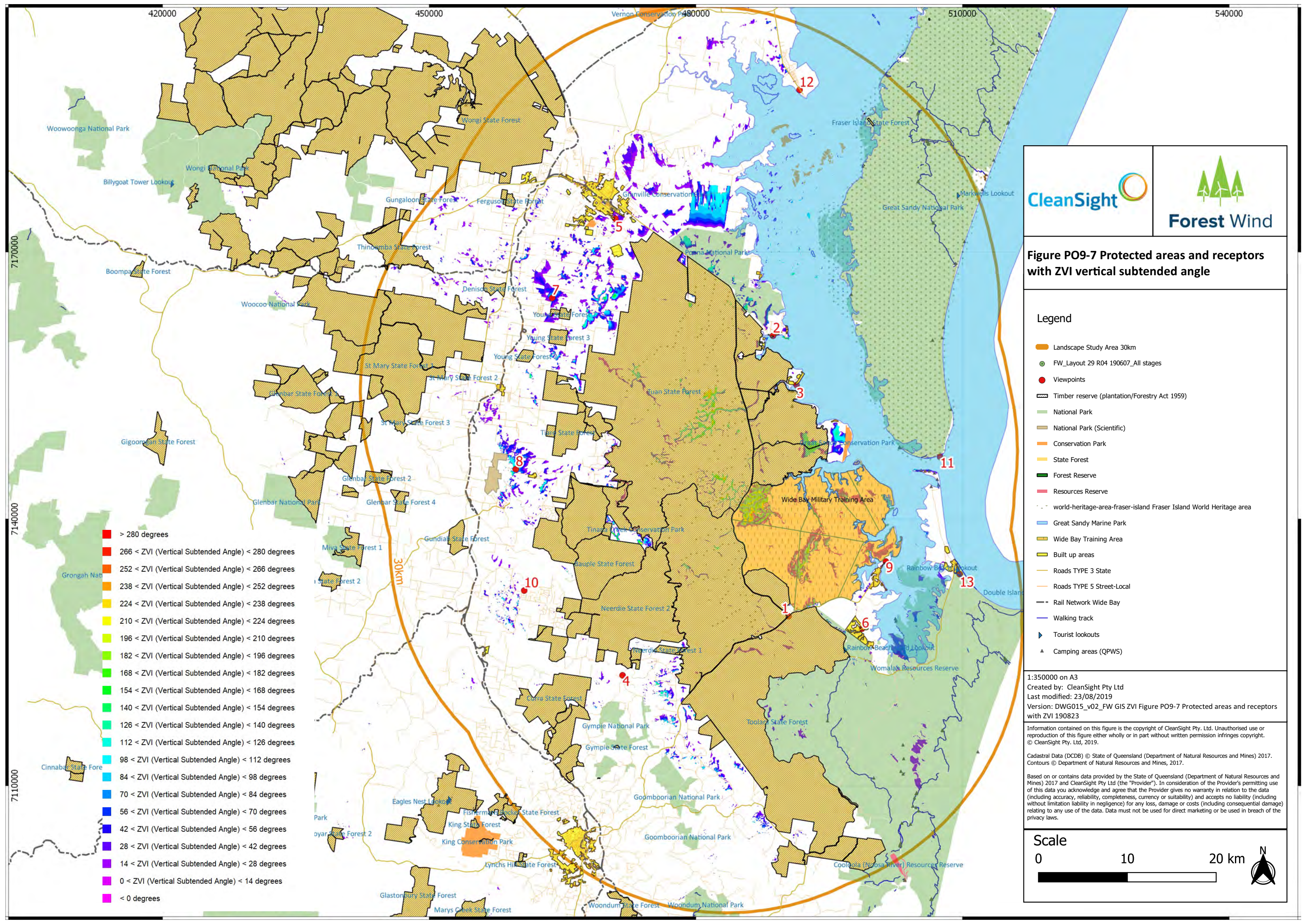


Figure P09-7 Protected areas and receptors with ZVI vertical subtended angle

Legend

-  Landscape Study Area 30km
-  FW_Layout 29 R04 190607_All stages
-  Viewpoints
-  Timber reserve (plantation/Forestry Act 1959)
-  National Park
-  National Park (Scientific)
-  Conservation Park
-  State Forest
-  Forest Reserve
-  Resources Reserve
-  world-heritage-area-fraser-island Fraser Island World Heritage area
-  Great Sandy Marine Park
-  Wide Bay Training Area
-  Built up areas
-  Roads TYPE 3 State
-  Roads TYPE 5 Street-Local
-  Rail Network Wide Bay
-  Walking track
-  Tourist lookouts
-  Camping areas (QPWS)


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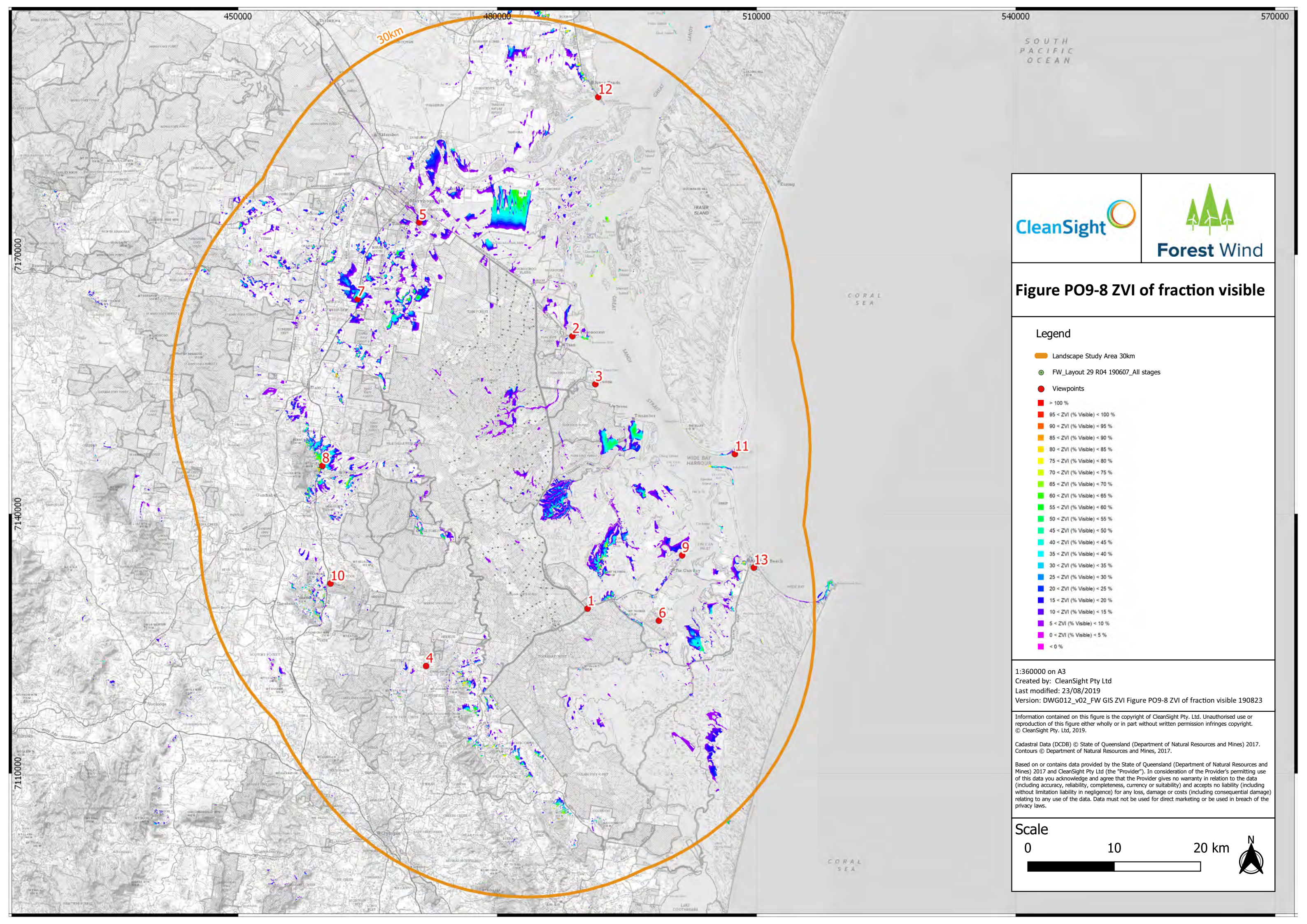
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Scale

0 10 20 km 

-  > 280 degrees
-  266 < ZVI (Vertical Subtended Angle) < 280 degrees
-  252 < ZVI (Vertical Subtended Angle) < 266 degrees
-  238 < ZVI (Vertical Subtended Angle) < 252 degrees
-  224 < ZVI (Vertical Subtended Angle) < 238 degrees
-  210 < ZVI (Vertical Subtended Angle) < 224 degrees
-  196 < ZVI (Vertical Subtended Angle) < 210 degrees
-  182 < ZVI (Vertical Subtended Angle) < 196 degrees
-  168 < ZVI (Vertical Subtended Angle) < 182 degrees
-  154 < ZVI (Vertical Subtended Angle) < 168 degrees
-  140 < ZVI (Vertical Subtended Angle) < 154 degrees
-  126 < ZVI (Vertical Subtended Angle) < 140 degrees
-  112 < ZVI (Vertical Subtended Angle) < 126 degrees
-  98 < ZVI (Vertical Subtended Angle) < 112 degrees
-  84 < ZVI (Vertical Subtended Angle) < 98 degrees
-  70 < ZVI (Vertical Subtended Angle) < 84 degrees
-  56 < ZVI (Vertical Subtended Angle) < 70 degrees
-  42 < ZVI (Vertical Subtended Angle) < 56 degrees
-  28 < ZVI (Vertical Subtended Angle) < 42 degrees
-  14 < ZVI (Vertical Subtended Angle) < 28 degrees
-  0 < ZVI (Vertical Subtended Angle) < 14 degrees
-  < 0 degrees



450000 480000 510000 540000 570000

SOUTH
PACIFIC
OCEAN



CleanSight



Forest Wind

Figure PO9-8 ZVI of fraction visible

Legend

- Landscape Study Area 30km
- FW_Layout 29 R04 190607_All stages
- Viewpoints
- > 100 %
- 95 < ZVI (% Visible) < 100 %
- 90 < ZVI (% Visible) < 95 %
- 85 < ZVI (% Visible) < 90 %
- 80 < ZVI (% Visible) < 85 %
- 75 < ZVI (% Visible) < 80 %
- 70 < ZVI (% Visible) < 75 %
- 65 < ZVI (% Visible) < 70 %
- 60 < ZVI (% Visible) < 65 %
- 55 < ZVI (% Visible) < 60 %
- 50 < ZVI (% Visible) < 55 %
- 45 < ZVI (% Visible) < 50 %
- 40 < ZVI (% Visible) < 45 %
- 35 < ZVI (% Visible) < 40 %
- 30 < ZVI (% Visible) < 35 %
- 25 < ZVI (% Visible) < 30 %
- 20 < ZVI (% Visible) < 25 %
- 15 < ZVI (% Visible) < 20 %
- 10 < ZVI (% Visible) < 15 %
- 5 < ZVI (% Visible) < 10 %
- 0 < ZVI (% Visible) < 5 %
- < 0 %

1:360000 on A3
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Scale

0

10

20 km



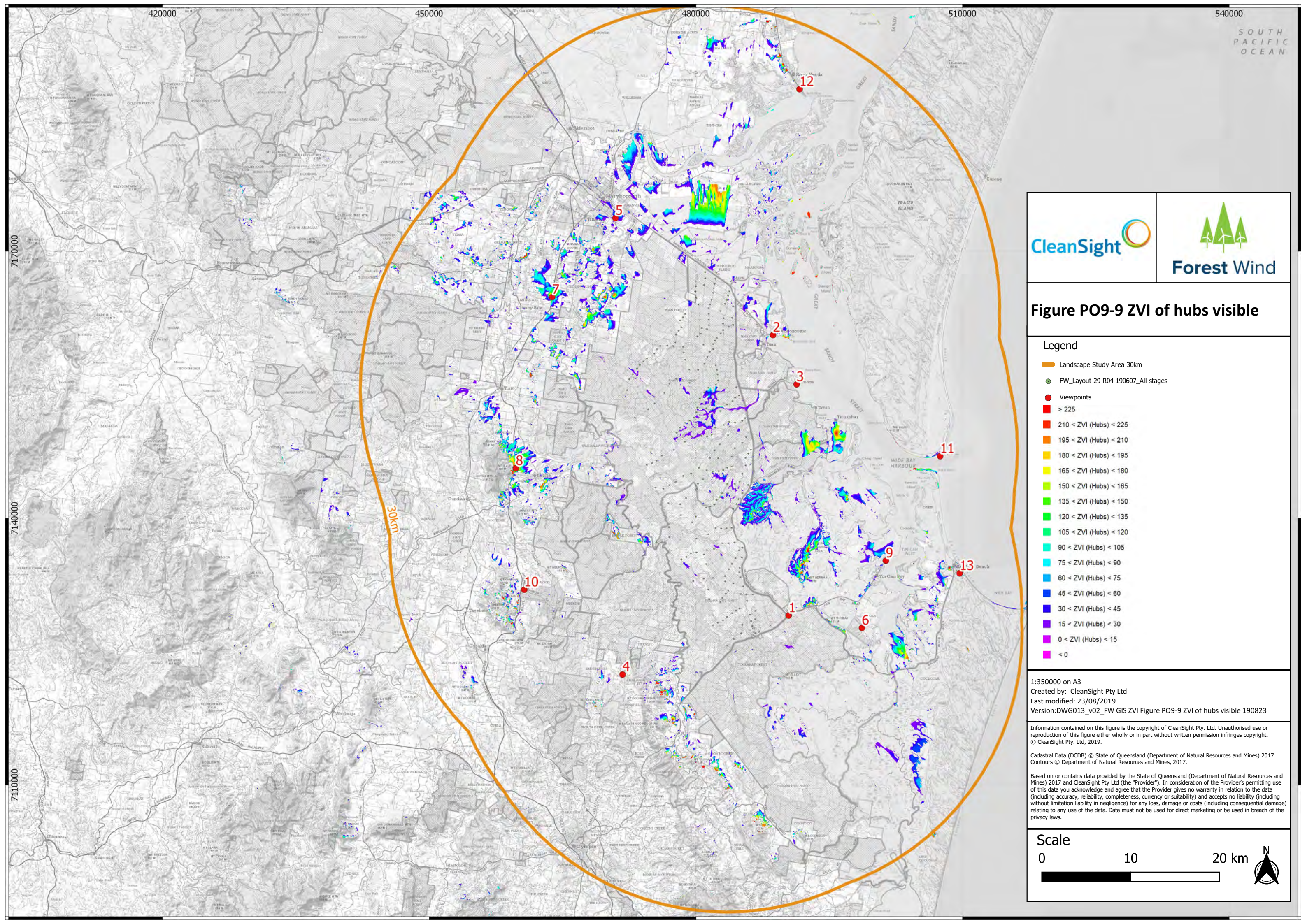


Figure PO9-9 ZVI of hubs visible

Legend

- Landscape Study Area 30km
- FW_Layout 29 R04 190607_All stages
- Viewpoints
- > 225
- 210 < ZVI (Hubs) < 225
- 195 < ZVI (Hubs) < 210
- 180 < ZVI (Hubs) < 195
- 165 < ZVI (Hubs) < 180
- 150 < ZVI (Hubs) < 165
- 135 < ZVI (Hubs) < 150
- 120 < ZVI (Hubs) < 135
- 105 < ZVI (Hubs) < 120
- 90 < ZVI (Hubs) < 105
- 75 < ZVI (Hubs) < 90
- 60 < ZVI (Hubs) < 75
- 45 < ZVI (Hubs) < 60
- 30 < ZVI (Hubs) < 45
- 15 < ZVI (Hubs) < 30
- 0 < ZVI (Hubs) < 15
- < 0

1:350000 on A3
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 Last modified: 23/08/2019
 Version: DWG013_v02_FW GIS ZVI Figure PO9-9 ZVI of hubs visible 190823

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Scale

0 10 20 km

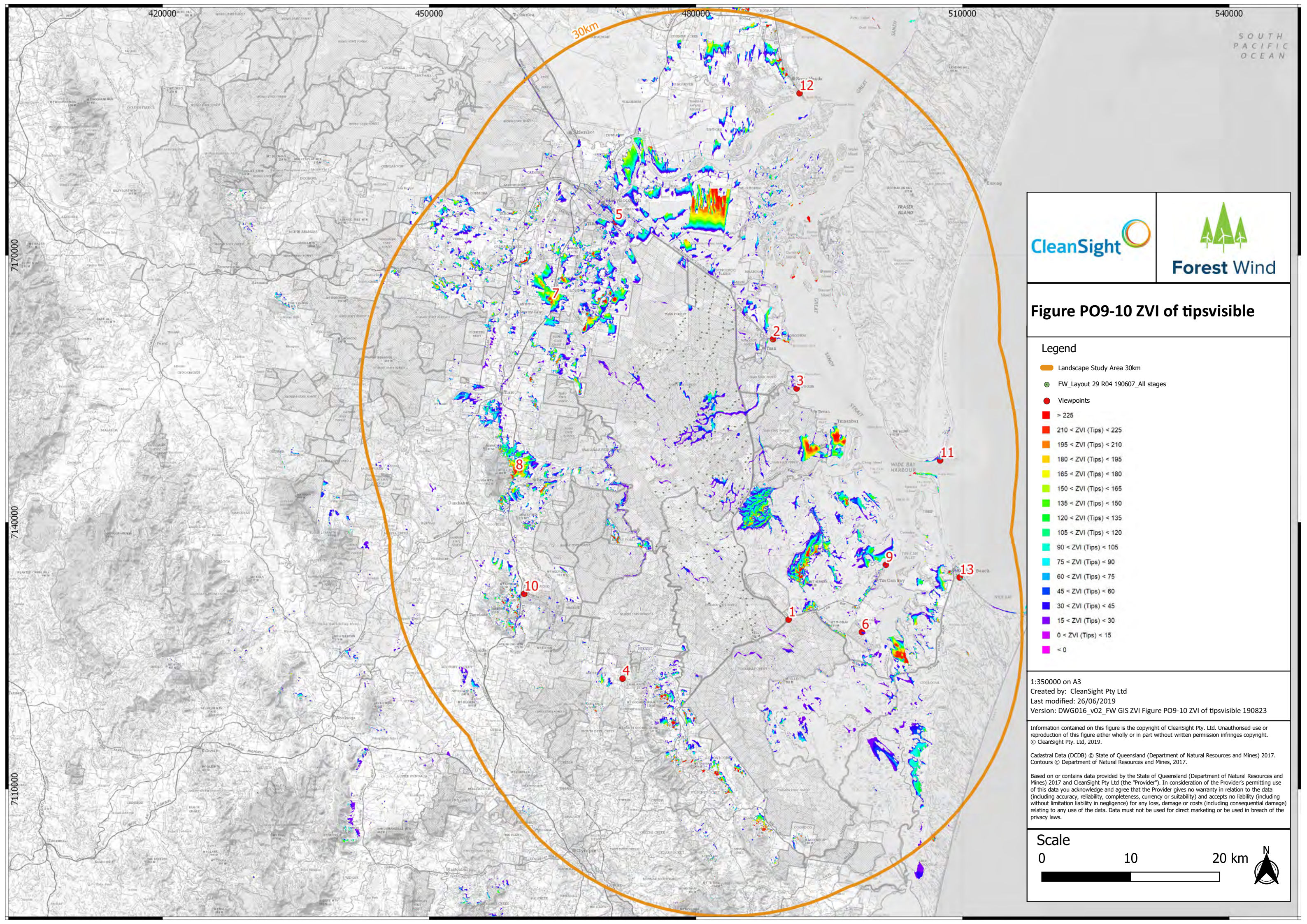


Figure PO9-10 ZVI of tipsvisible

Legend

- Landscape Study Area 30km
- FW_Layout 29 R04 190607_All stages
- Viewpoints
- > 225
- 210 < ZVI (Tips) < 225
- 195 < ZVI (Tips) < 210
- 180 < ZVI (Tips) < 195
- 165 < ZVI (Tips) < 180
- 150 < ZVI (Tips) < 165
- 135 < ZVI (Tips) < 150
- 120 < ZVI (Tips) < 135
- 90 < ZVI (Tips) < 105
- 75 < ZVI (Tips) < 90
- 60 < ZVI (Tips) < 75
- 45 < ZVI (Tips) < 60
- 30 < ZVI (Tips) < 45
- 15 < ZVI (Tips) < 30
- 0 < ZVI (Tips) < 15
- < 0

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