403,000

404,000

6,491,000

6,490,000

6,489,000

6,488,000

N

0 m 300

Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

**LEGEND**

Project area
Study area

**Vegetation Association**

- $BaBm^2$
- $BaBm^3$
- $Cc^4$
- $Cc^5$
- $CcEm^1$
- $CcEr^3$
- EpRi
- $Er^3$
- $Et^2$
- $Et^3$
- $Mp^4$
- $Mp^7$
- Cleared
- Cleared (Infrastructure)
- Cleared (Road)

M L K J I H G F E D C A B

Warbrook Road

Halden Road

Maralla Road

Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS021_2
File Name: 4483AA_23_F010G_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Vegetation association mapping

Figure No: 10G

403,000
404,000
6,494,000
6,493,000
6,492,000

N

0 m 300

Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

**LEGEND**

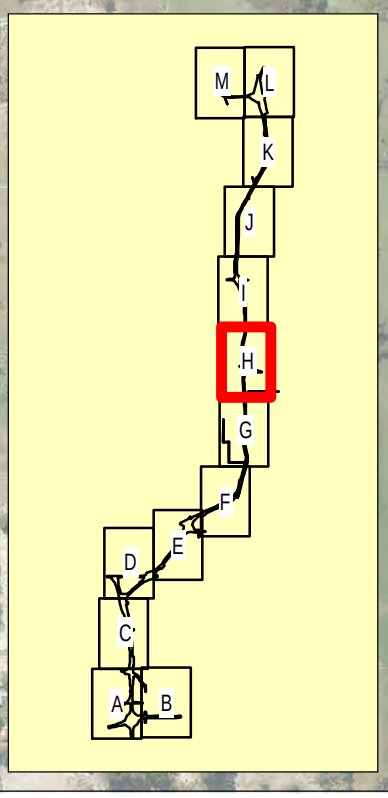
Project area
Study area

**Vegetation Association**

- $Cc^{1}$
- $Cc^{4}$
- $CcEr^{1}$
- $CcEr^{3}$
- $Er^{7}$
- $Mp^{7}$
- MpMr
- R
- Cleared
- Cleared (Infrastructure)

Stock Road

Cunningham Road




Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS021_2
File Name: 4483AA_23_F010H_GIS

Main Roads WA
Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Vegetation association mapping

Figure No: 10H

403,000 404,000 405,000

6,502,000 6,501,000 6,500,000 6,499,000

N

0 m 300

Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

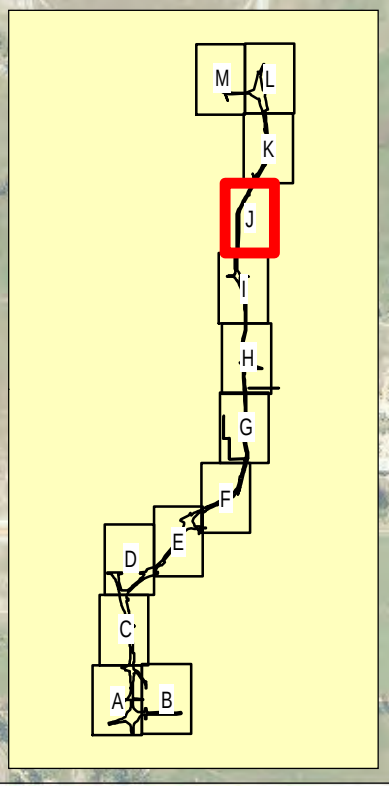
**LEGEND**

Project area
Study area

**Vegetation Association**

As
Cc[4]
Er[1]
Mp[1]
Mp[3]
Xp[1]
Cleared
Cleared (Infrastructure)
Cleared (Rail)
Cleared (Road)

Muchea South Road




Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS021_2
File Name: 4483AA_23_F010J_GIS

**Main Roads WA**

**Level 2 Flora and Vegetation Assessment**
**Perth–Darwin National Highway**

**Vegetation association mapping**

Figure No: 10J

403,000

404,000

6,498,000

6,497,000

6,496,000

6,495,000

N

0 m 300

Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

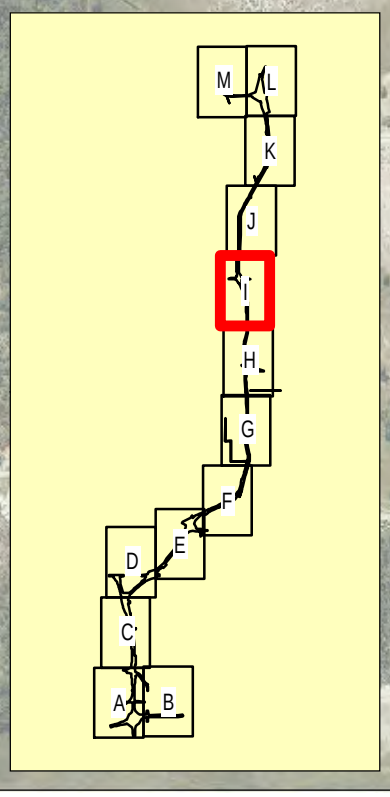
**LEGEND**

Project area
Study area

**Vegetation Association**

- $Cc^{2}$
- $CcEr^{3}$
- $Er^{5}$
- $Er^{8}$
- $Mp^{7}$
- MpMr
- R
- Cleared
- Cleared (Infrastructure)
- Cleared (Road)

Neaves Road




Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS021_2
File Name: 4483AA_23_F010I_GIS

**Main Roads WA**

**Level 2 Flora and Vegetation Assessment**
**Perth–Darwin National Highway**

**Vegetation association mapping**

Figure No: 10I

403,000
404,000
405,000
6,502,000
6,501,000
6,500,000
6,499,000

N

0 m 300

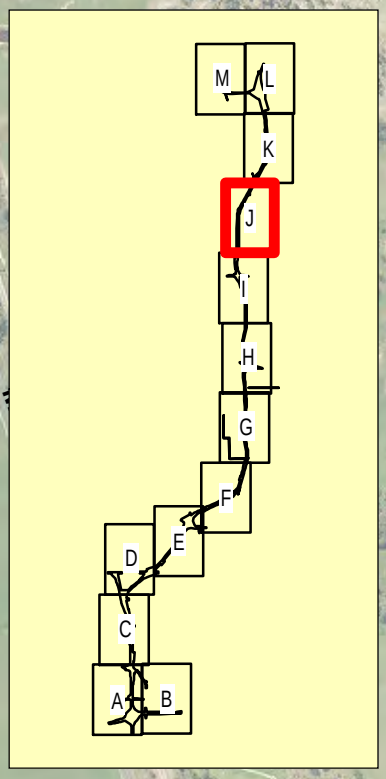
Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

**LEGEND**

Project area
Study area

**Vegetation Association**

As
Cc[4]
Er[1]
Mp[1]
Mp[3]
Xp[1]
Cleared
Cleared (Infrastructure)
Cleared (Rail)
Cleared (Road)




Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS021_2
File Name: 4483AA_23_F010J_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Vegetation association mapping

Figure No: 10J

404,000 405,000 406,000

6,505,000

6,504,000

6,503,000

N

0 m 300

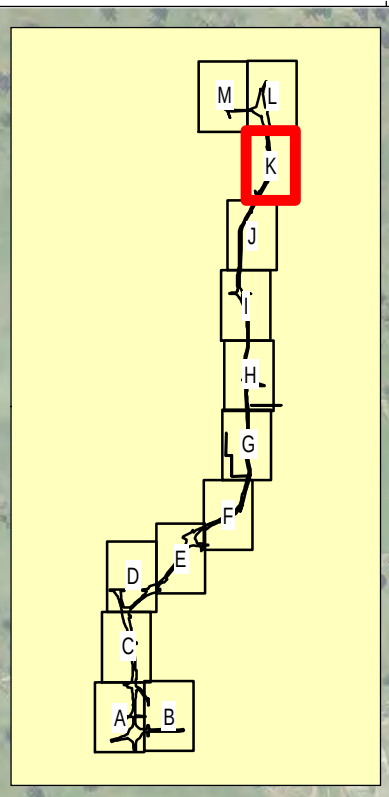
Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

**LEGEND**

Project area
Study area

**Vegetation Association**

- $Cc^{1}$
- $CcEr^{3}$
- $Er^{6}$
- R
- $Xp^{1}$
- Cleared
- Cleared (Highway)
- Cleared (Infrastructure)
- Cleared (Rail)
- Cleared (Road)




Great Northern Highway

Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

| | | | |
|---|---|---|---|
| Date: 26.03.2015 | Main Roads WA | Vegetation association mapping | Figure No: 10K |
| MXT: 4483AA_23_GIS021_2 | Level 2 Flora and Vegetation Assessment Perth–Darwin National Highway | | |
| File Name: 4483AA_23_F010K_GIS | | | |

404,000 405,000 406,000

6,509,000 6,508,000 6,507,000 6,506,000

N

0 m 300

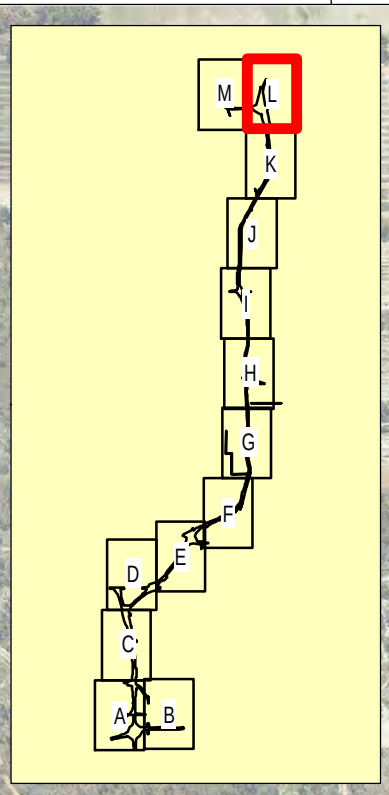
Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

**LEGEND**

Project area
Study area

**Vegetation Association**

- $CcEr^{3}$
- Co
- $Em^{2}$
- $Er^{6}$
- ErCo
- ErMrMc
- $Mp^{10}$
- R
- Cleared
- Cleared (Highway)
- Cleared (Infrastructure)
- Cleared (Road)




Great Northern Highway

404,000 405,000 406,000

Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

| | | | |
|---|---|---|---|
| Date: 26.03.2015 | Main Roads WA | Vegetation association mapping | Figure No: 10L |
| MXT: 4483AA_23_GIS021_2 | Level 2 Flora and Vegetation Assessment Perth–Darwin National Highway | | |
| File Name: 4483AA_23_F010L_GIS | | | |

401,000 402,000 403,000

6,509,000 6,508,000 6,507,000 6,506,000

N

0 m 300

Scale 1:10,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

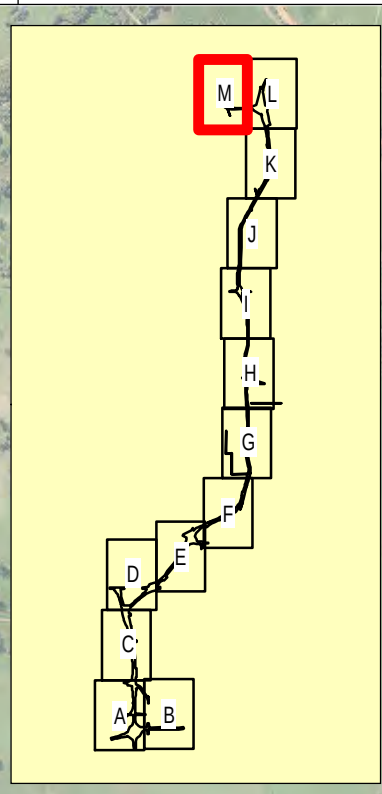
**LEGEND**

- Project area
- Study area

**Vegetation Association**

- $CcEr^3$
- CcMpMr
- $Er^6$
- Rehab
- Cleared
- Cleared (Highway)
- Cleared (Rail)

Brand Highway




Source & Notes
Vegetation association mapping from Coffey (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS021_2
File Name: 4483AA_23_F010M_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Vegetation association mapping

Figure No: 10M

397,500

400,000

6,480,000

6,477,500

6,475,000

N

0 m 500

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

Park Street

Beechboro Road North

F
E
D
C
B
A

Hepburn Avenue

Beechboro Road North

Marshall Road

Reid Highway

**LEGEND**

Project area

Flora study area

**Threatened and Priority Ecological Communities**

SCP02, Endangered

SCP20a, Endangered

SCP21c, Priority 3

SCP23b, Priority 3

SCP24, Priority 3

Source & Notes
Geomorphic Wetlands Swan Coastal Plain mapping from DPAW (June 2014)
Bush Forever sites from DoP (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS020_1
File Name: 4483AA_23_F004A_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Threatened and Priority Ecological Communities
Map 1 of 6

Figure No: 11A

397,500

400,000

6,485,000

6,482,500

6,480,000

N

0 m 500

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

F
E
D
C
B
A

**LEGEND**

Project area

Flora study area

**Threatened and Priority Ecological Communities**

SCP21c, Priority 3

SCP23b, Priority 3

SCP24, Priority 3

Gnangara Road

Beechboro R

Park Street

Source & Notes
Geomorphic Wetlands Swan Coastal Plain mapping from DPAW (June 2014)
Bush Forever sites from DoP (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS020_1
File Name: 4483AA_23_F004B_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Threatened and Priority Ecological Communities
Map 2 of 6

Figure No: 11B

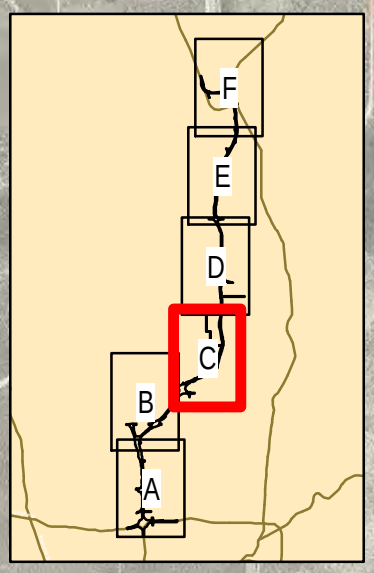
400,000
402,500
405,000
6,490,000
6,487,500
6,485,000

Warbrook Road

N

0 m 500

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50




Maralla Road

The Broadway

The Promenade

**LEGEND**

- Project area
- Flora study area

**Threatened and Priority Ecological Communities**

- SCP22, Priority 2
- SCP21c, Priority 3
- SCP23b, Priority 3
- SCP24, Priority 3

Source & Notes
Geomorphic Wetlands Swan Coastal Plain mapping from DPAW (June 2014)
Bush Forever sites from DoP (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS020_1
File Name: 4483AA_23_F004C_GIS

**Main Roads WA**

**Level 2 Flora and Vegetation Assessment**
**Perth–Darwin National Highway**

**Threatened and Priority Ecological Communities**
**Map 3 of 6**

Figure No: 11C

402,500

405,000

Neaves Road

N

0 m 500

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

West Road

Strachan Road

F
E
D
C
B
A

Railway Parade

Stock Road

Cunningham Road

Warbrook Road

6,495,000

6,492,500

**LEGEND**

Project area

Flora study area

**Threatened and Priority Ecological Communities**

Mound Springs SCP, Critically Endangered, 2km buffer

Source & Notes
Geomorphic Wetlands Swan Coastal Plain mapping from DPAW (June 2014)
Bush Forever sites from DoP (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS020_1
File Name: 4483AA_23_F004D_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Threatened and Priority Ecological Communities
Map 4 of 6

Figure No: 11D

402,500

405,000

6,502,500

6,500,000

6,497,500

Muchea South Road

Neaves Road

N

0 m 500

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

F
E
D
C
B
A

**LEGEND**

Project area

Flora study area

**Threatened and Priority Ecological Communities**

Mound Springs SCP, Critically Endangered, 2km buffer

Source & Notes
Geomorphic Wetlands Swan Coastal Plain mapping from DPAW (June 2014)
Bush Forever sites from DoP (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS020_1
File Name: 4483AA_23_F004E_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Threatened and Priority Ecological Communities
Map 5 of 6

Figure No: 11E

402,500

405,000

6,510,000

6,507,500

6,505,000

N

0 m 500

Scale 1:20,000

Page size: A3

Projection: GDA 1994 MGA Zone 50

F

E

D

C

B

A

Brand Highway

Great Northern Highway

Muchea So

**LEGEND**

Project area

Flora study area

**Threatened and Priority Ecological Communities**

Claypans SCP, Critically Endangered, 2km buffer

Source & Notes
Geomorphic Wetlands Swan Coastal Plain mapping from DPAW (June 2014)
Bush Forever sites from DoP (January 2015)
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

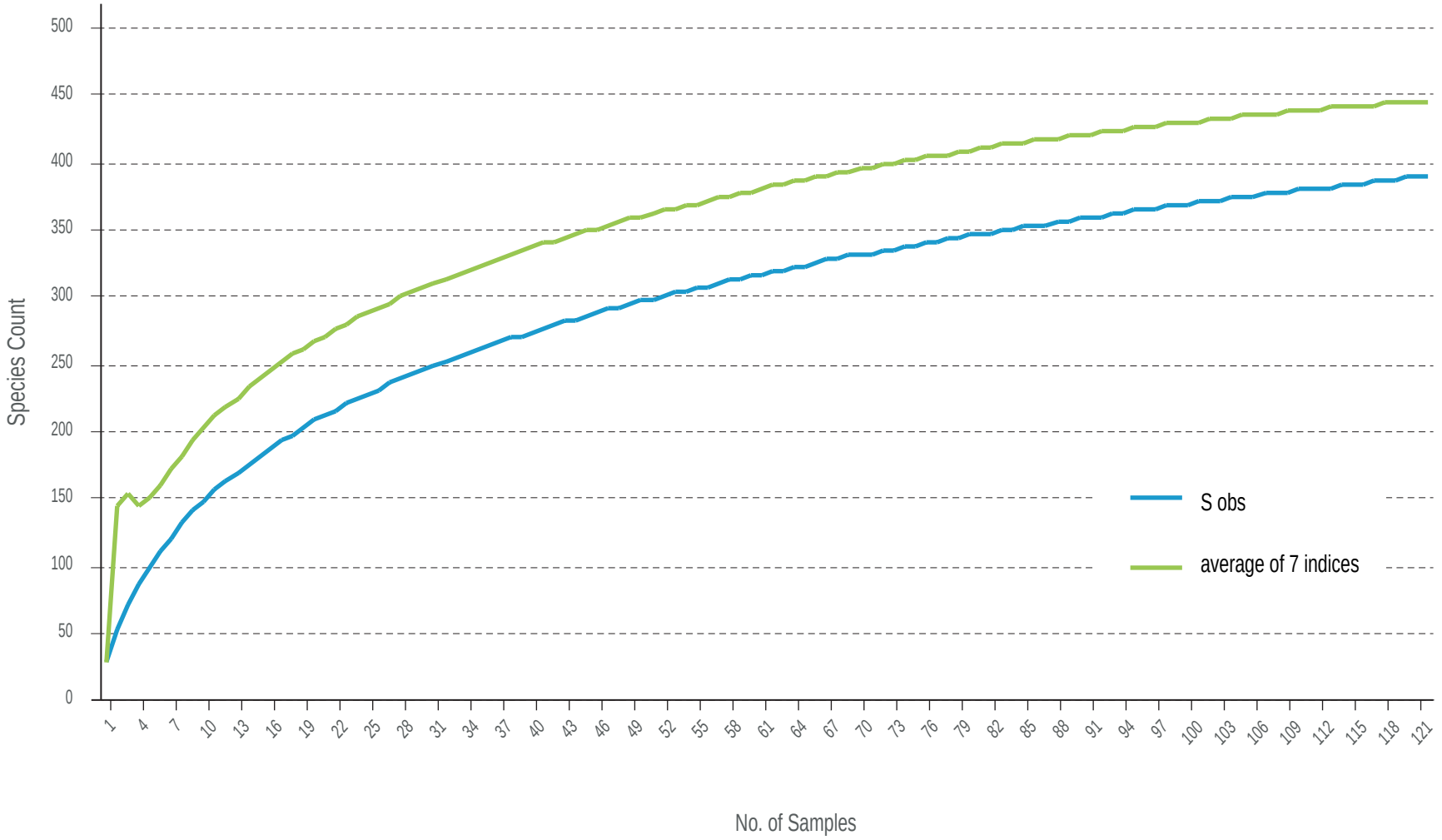
Date: 26.03.2015
MXT: 4483AA_23_GIS020_1
File Name: 4483AA_23_F004F_GIS

**Main Roads WA**

**Level 2 Flora and Vegetation Assessment**
**Perth–Darwin National Highway**

**Threatened and Priority Ecological Communities**
**Map 6 of 6**

Figure No: 11F




| | | | | | | |
|---|---|---|---|---|---|---|
| Source: Coffey | coffey | Date: 19.03.2015<br>File Name: 4483_P02_F012_GL_3 | Main Roads WA<br>Level 2 Flora and Vegetation Assessment<br>Perth–Darwin National Highway | NorthLinkWA | Species accumulation curve for the study area | Figure No: 12 |

397,500 400,000

6,480,000 6,477,500 6,475,000

F E D C B A

Beechboro Road North

N

0 m 450

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50

*Millotia tenuifolia* var. *laevis* (P2)
*Hypolaena robusta* (P4)

Hepburn Avenue

**LEGEND**

Project area
Study area

**Conservation significant flora**

*Millotia tenuifolia* var. *laevis* (P2)
*Cyathochaeta teretifolia* (P3)
*Meeboldina decipiens* subsp. *decipiens ms* (P3)
*Anigozanthos humilis* subsp. *chrysanthus* (P4)
*Hypolaena robusta* (P4)

**Critical habitat**

*Caladenia huegelii* (T)

Beechboro Road North

Marshall Road

Reid Highway

Source & Notes
Conservation significant flora from Coffey (January 2015).
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

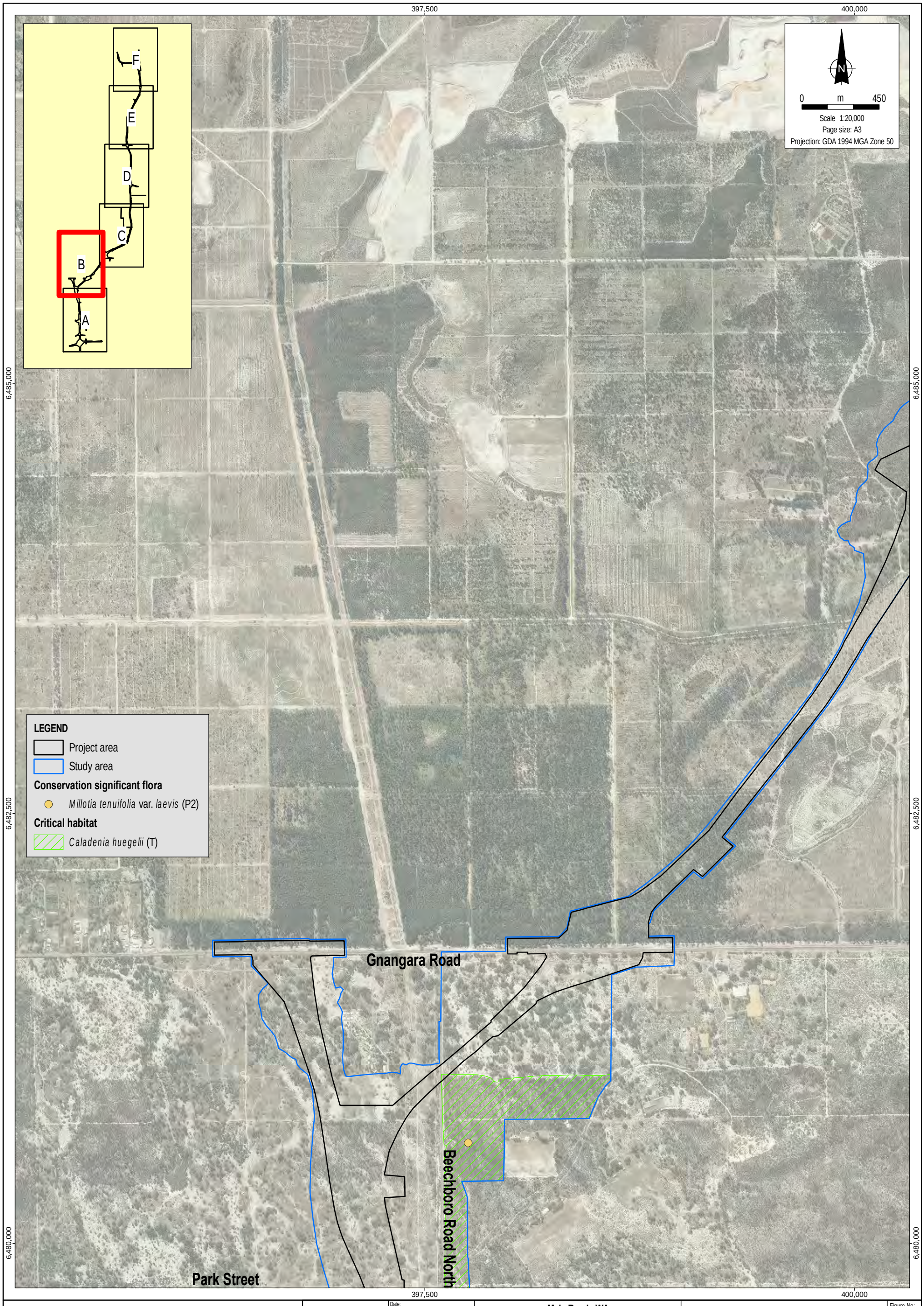
Date: 26.03.2015
MXT: 4483AA_23_GIS017_1
File Name: 4483AA_23_F013A_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Conservation significant flora

Figure No: 13A




Source & Notes
Conservation significant flora from Coffey (January 2015).
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

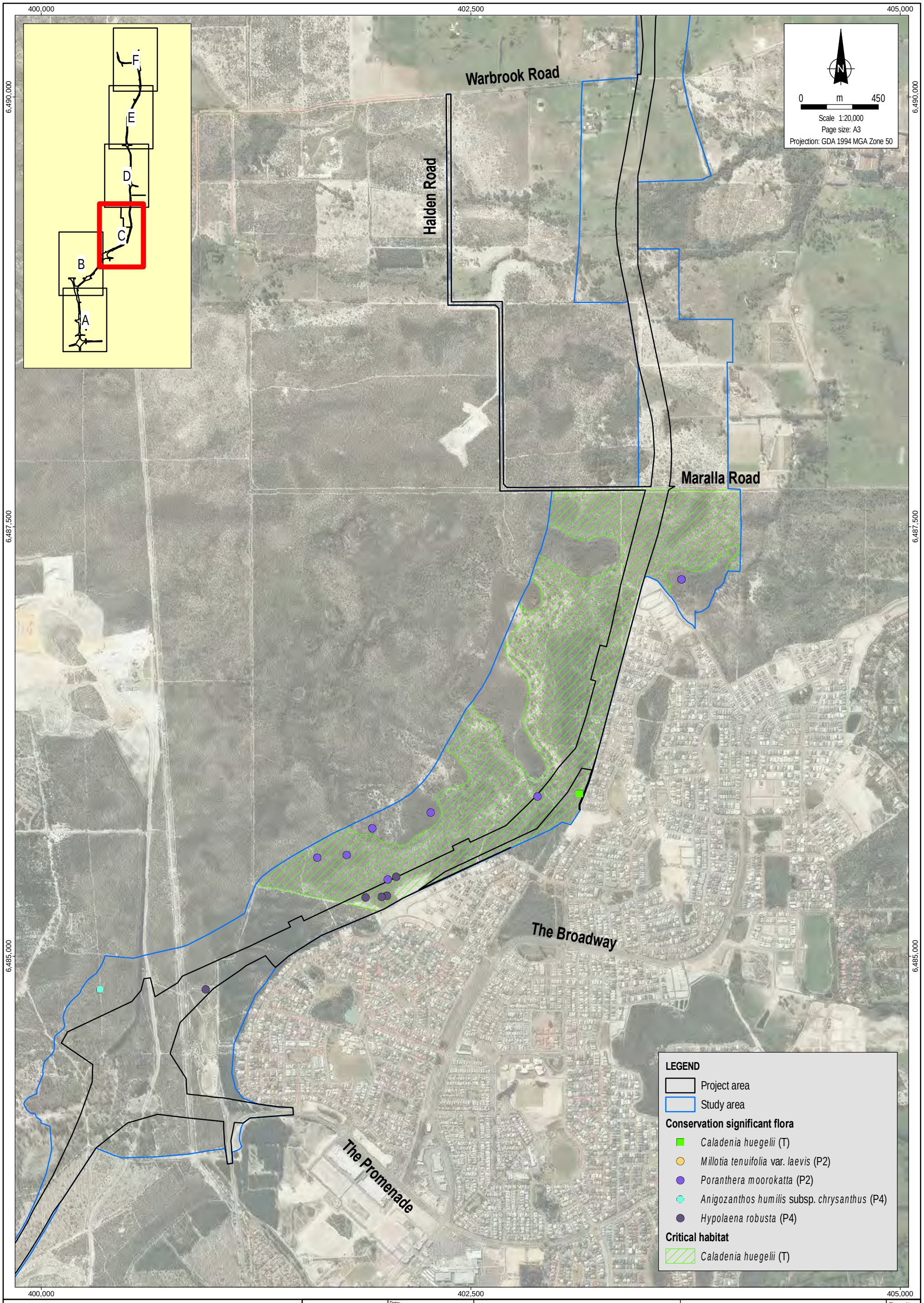
Date: 26.03.2015
MXT: 4483AA_23_GIS017_1
File Name: 4483AA_23_F013B_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Conservation significant flora

Figure No: 13B




Source & Notes
Conservation significant flora from Coffey (January 2015).
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS017_1
File Name: 4483AA_23_F013C_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Conservation significant flora

Figure No: 13C

402,500

405,000

Neaves Road

West Road

Strachan Road

Railway Parade

Stock Road

Cunningham Road

Warbrook Road

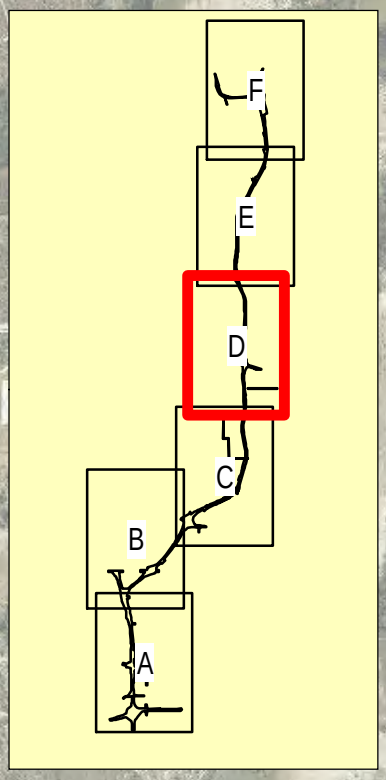
6,495,000

6,492,500

N

0 m 450

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50




**LEGEND**

- Project area
- Study area

**Critical habitat**

- *Grevillea curviloba* subsp. *incurva* (T)

Source & Notes
Conservation significant flora from Coffey (January 2015).
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS017_1
File Name: 4483AA_23_F013D_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Conservation significant flora

Figure No: 13D

402,500

405,000

6,502,500

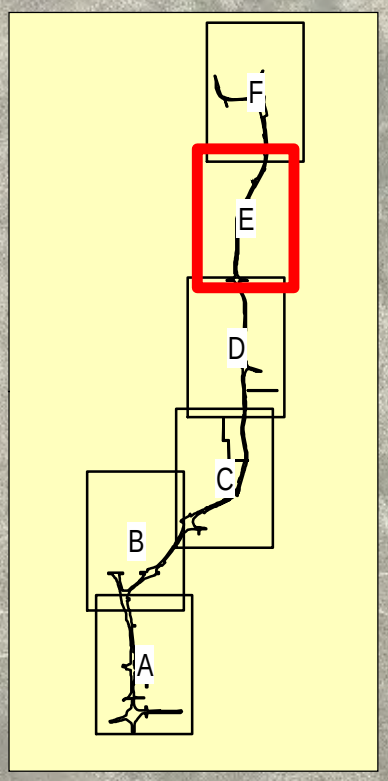
6,500,000

6,497,500

N

0 m 450

Scale 1:20,000
Page size: A3
Projection: GDA 1994 MGA Zone 50




Muchea South Road

Muchea South Road

Neaves Road

**LEGEND**

Project area

Study area

**Conservation significant flora**

*Cyathochaeta teretifolia* (P3)

**Critical habitat**

*Grevillea curviloba* subsp. *incurva* (T)

Source & Notes
Conservation significant flora from Coffey (January 2015).
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS017_1
File Name: 4483AA_23_F013E_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Conservation significant flora

Figure No: 13E

402,500

405,000

6,510,000

6,507,500

6,505,000

N

0 m 450

Scale 1:20,000

Page size: A3

Projection: GDA 1994 MGA Zone 50

F

E

D

C

B

A

Brand Highway

Great Northern Highway

Muchea So

**LEGEND**

Project area

Study area

**Conservation significant flora**

*Grevillea curviloba* subsp. *incurva* (T)

*Ornduffia submersa* (P4)

*Stylidium striatum* (P4)

**Critical habitat**

*Grevillea curviloba* subsp. *incurva* (T)

Source & Notes
Conservation significant flora from Coffey (January 2015).
Aerial imagery from Landgate (August 2014)

NorthLinkWA

coffey

Date: 26.03.2015
MXT: 4483AA_23_GIS017_1
File Name: 4483AA_23_F013F_GIS

Main Roads WA

Level 2 Flora and Vegetation Assessment
Perth–Darwin National Highway

Conservation significant flora

Figure No: 13F