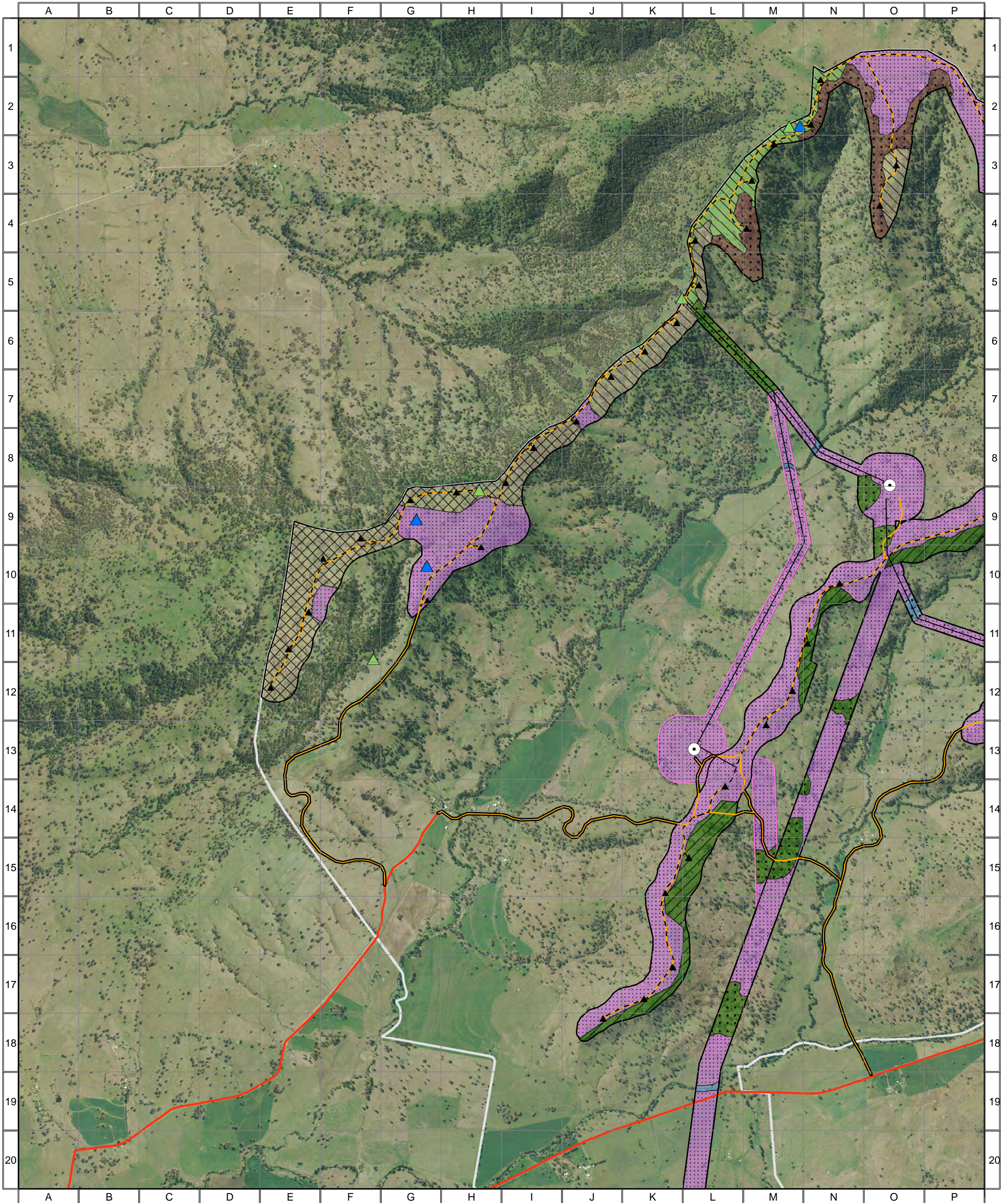


4777 - Liverpool Range (WF Study Area, Map 1) - Results




- | | | | | |
|----------------------|--|-----------------------------|--------------------------------------|-------------------------------------|
| Raptors | Combined Survey Area (Preferred Infrastructure Layout) | Vegetation Condition | Vegetation Type | Indicative Turbine Locations |
| ▲ Nankeen kestrel | Combined Survey Area (Alternative Infrastructure Layout) | Good | Brittle Gum Stringybark Woodland | ▲ Substations |
| ▲ Wedge-tailed eagle | | Moderate-Good | Norton's Box Woodland | — Overhead Powerlines |
| | | Moderate | River Oak Woodland | — Underground Powerlines |
| | | Poor-Moderate | White Box / Grey Box Grassy Woodland | — Proposed Tracks |
| | | Poor | Native Pasture | — Existing Roads |
| | | Exotic | Exotic Pasture | — Wind Farm Site Boundary |

ngh environmental

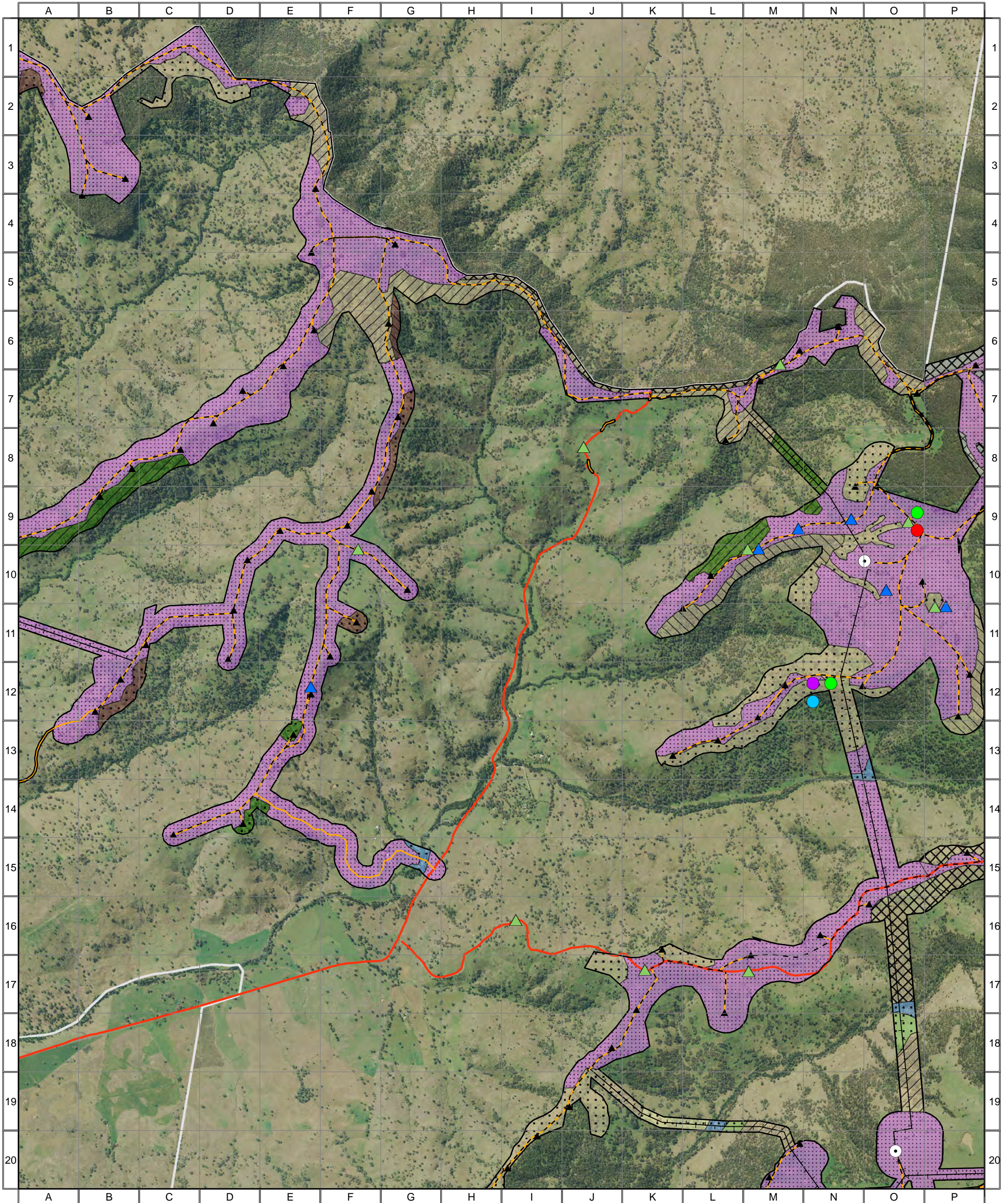
0 0.25 0.5 1 1.5 Kilometres

Approx. Scale @ A3 1:32500
 Ref: 4777 - Liverpool Range Wind Farm
 Produced by: Tom Hamilton
 Date: 15 November 2013
 Projection: GDA94 MGA Zone 55

*Based on Infrastructure datasets provided by Epuron (2011-2013)
 Aerial Photography provided by Epuron (Aug. 2011)
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4777 - Liverpool Range (WF Study Area, Map 2) - Results



- Threatened Species - Microbats**
- Common bent-wing bat
 - Corben's long-eared bat
 - Eastern cave bat
 - Large-eared pied bat

- Raptors**
- ▲ Nankeen kestrel
 - ▲ Wedge-tailed eagle

Combined Survey Area (Preferred Infrastructure Layout)

- Vegetation Condition**
- Good
 - Moderate-Good
 - Moderate
 - Poor-Moderate
 - Poor
 - Exotic

- Vegetation Type**
- Brittle Gum Stringybark Woodland
 - Mountain Gum Silvertop Stringybark Forest
 - Norton's Box Woodland
 - River Oak Woodland
 - White Box / Grey Box Grassy Woodland
 - Yellow Box Woodland
 - Native Pasture
 - Exotic Pasture

- Indicative Turbine Locations**
- Substations
 - Overhead Powerlines
 - Underground Powerlines
 - Proposed Tracks
 - Existing Roads
 - Wind Farm Site Boundary



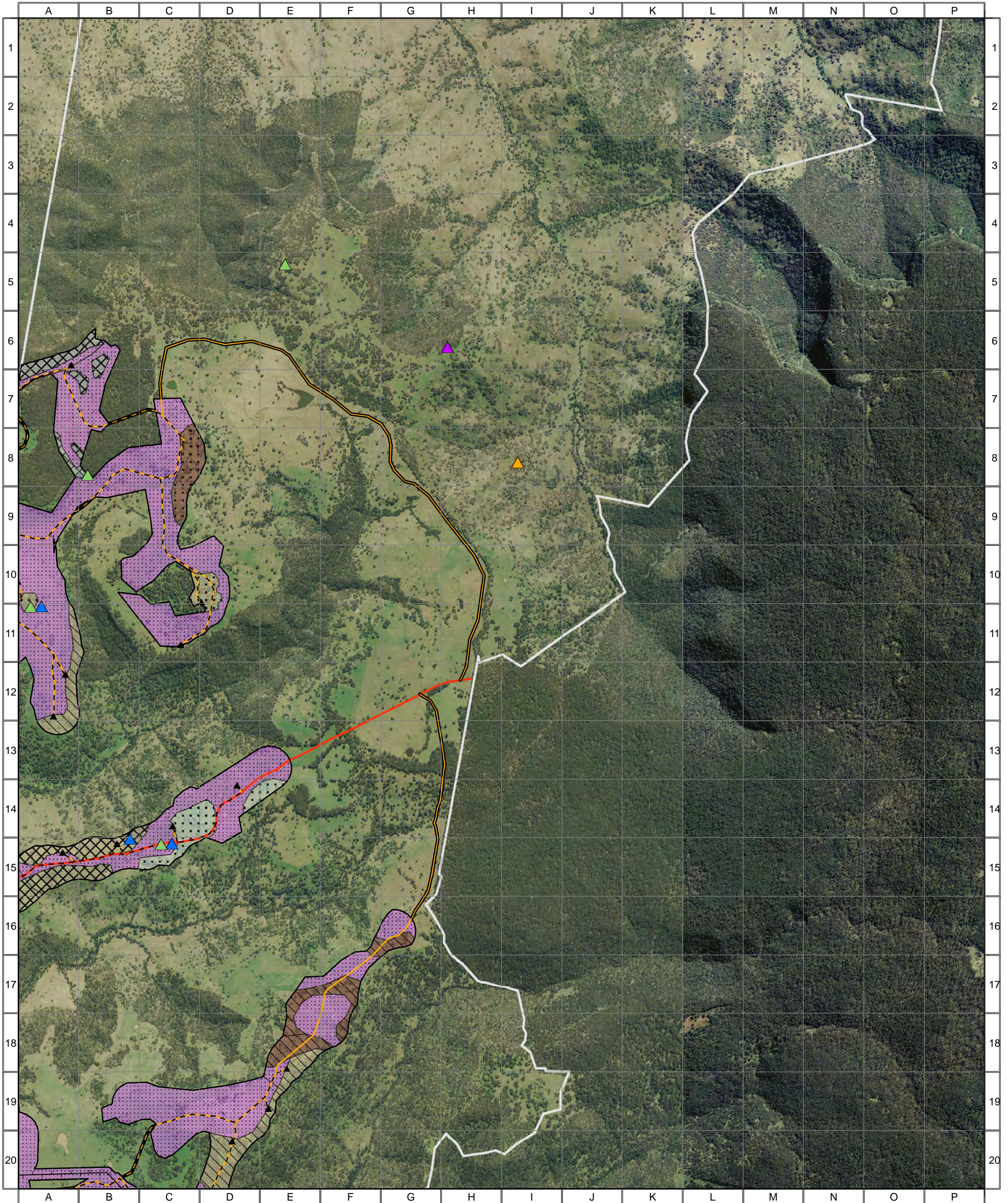
0 0.25 0.5 1 1.5 Kilometres

Approx. Scale @ A3 1:32500
 Ref: 4777 - Liverpool Range Wind Farm
 Produced by: Tom Hamilton
 Date: 15 November 2013
 Projection: GDA94 MGA Zone 55



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4777 - Liverpool Range (WF Study Area, Map 3) - Results



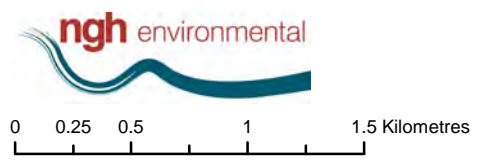
- Threatened Species - Raptors**
- Scarlet robin
 - Brown falcon
 - Nankeen kestrel
 - Wedge-tailed eagle

- Combined Survey Area (Preferred Infrastructure Layout)**
- Combined Survey Area (Preferred Infrastructure Layout)

- Vegetation Condition**
- Good
 - Moderate-Good
 - Moderate
 - Poor-Moderate
 - Poor
 - Exotic

- Vegetation Type**
- Brittle Gum Stringybark Woodland
 - Mountain Gum Silvertop Stringybark Forest
 - Norton's Box Woodland
 - Exotic Pasture

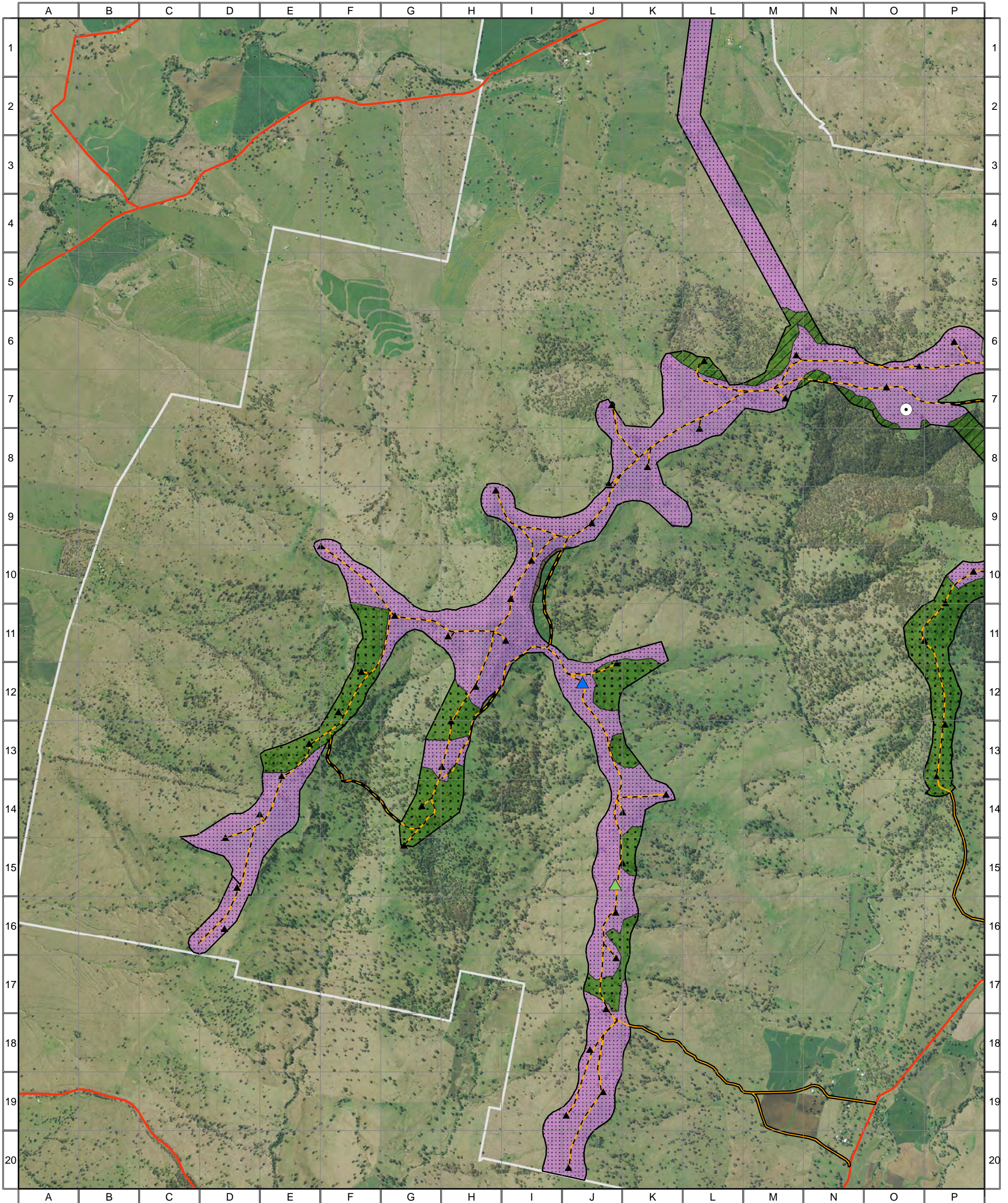
- Indicative Turbine Locations**
- Indicative Turbine Locations
 - Substations
 - Overhead Powerlines
 - Underground Powerlines
 - Proposed Tracks
 - Existing Roads
 - Wind Farm Site Boundary



Approx. Scale @ A3 1:32500
 Ref: 4777 - Liverpool Range Wind Farm
 Produced by: Tom Hamilton
 Date: 15 November 2013
 Projection: GDA94 MGA Zone 55
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4777 - Liverpool Range (WF Study Area, Map 4) - Results



Raptors		Vegetation Condition		Vegetation Type		Indicative Turbine Locations	
Nankeen kestrel	Combined Survey Area (Preferred Infrastructure Layout)	Good	Brittle Gum Stringybark Woodland	Indicative Turbine Locations	Substations	Overhead Powerlines	
Wedge-tailed eagle		Moderate-Good	Norton's Box Woodland	Underground Powerlines		Proposed Tracks	
		Moderate	White Box / Grey Box Grassy Woodland	Existing Roads		Existing Roads	
		Poor-Moderate	Exotic Pasture	Wind Farm Site Boundary			
		Poor					
		Exotic					

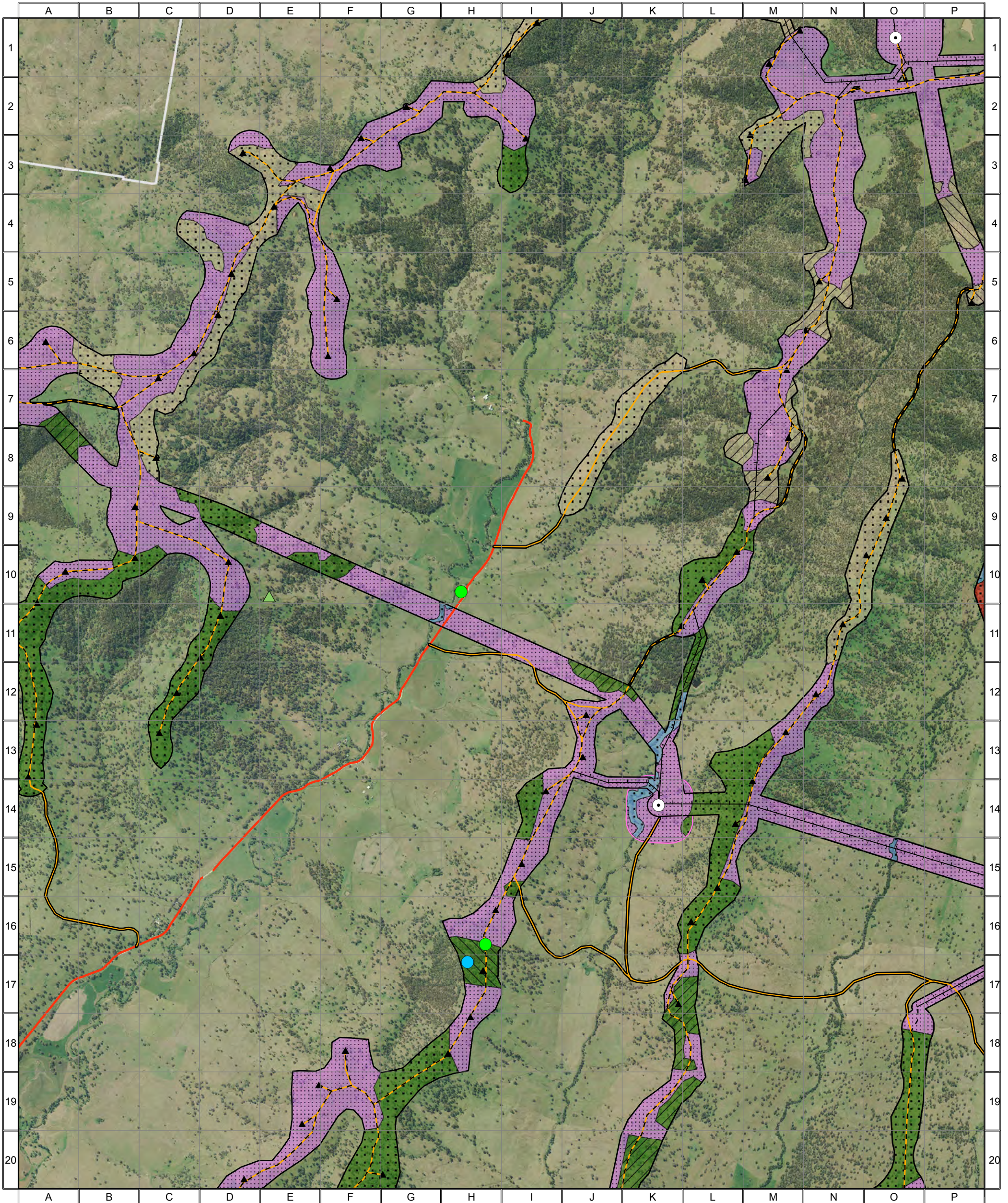
ngh environmental

0 0.25 0.5 1 1.5 Kilometres

Approx. Scale @ A3 1:32500
 Ref: 4777 - Liverpool Range Wind Farm
 Produced by: Tom Hamilton
 Date: 15 November 2013
 Projection: GDA94 MGA Zone 55

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4777 - Liverpool Range (WF Study Area, Map 5) - Results



Threatened Species - Microbats

- Common bent-wing bat
- Corben's long-eared bat

Raptors

- Wedge-tailed eagle

Combined Survey Area (Preferred Infrastructure Layout)

Combined Survey Area (Alternative Infrastructure Layout)

Vegetation Condition

- Good
- Moderate-Good
- Moderate
- Poor-Moderate
- Poor
- Exotic

Vegetation Type

- Norton's Box Woodland
- Riparian Forest - Rough-barked Apple, Blakely's Red Gum and Yellow Box
- River Oak Woodland
- White Box / Grey Box Grassy Woodland
- Native Pasture
- Exotic Pasture

Indicative Turbine Locations

- Substations
- Overhead Powerlines
- Underground Powerlines
- Proposed Tracks
- Existing Roads
- Wind Farm Site Boundary



0 0.25 0.5 1 1.5 Kilometres

Approx. Scale @ A3 1:32500
 Ref: 4777 - Liverpool Range Wind Farm
 Produced by: Tom Hamilton
 Date: 15 November 2013
 Projection: GDA94 MGA Zone 55



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