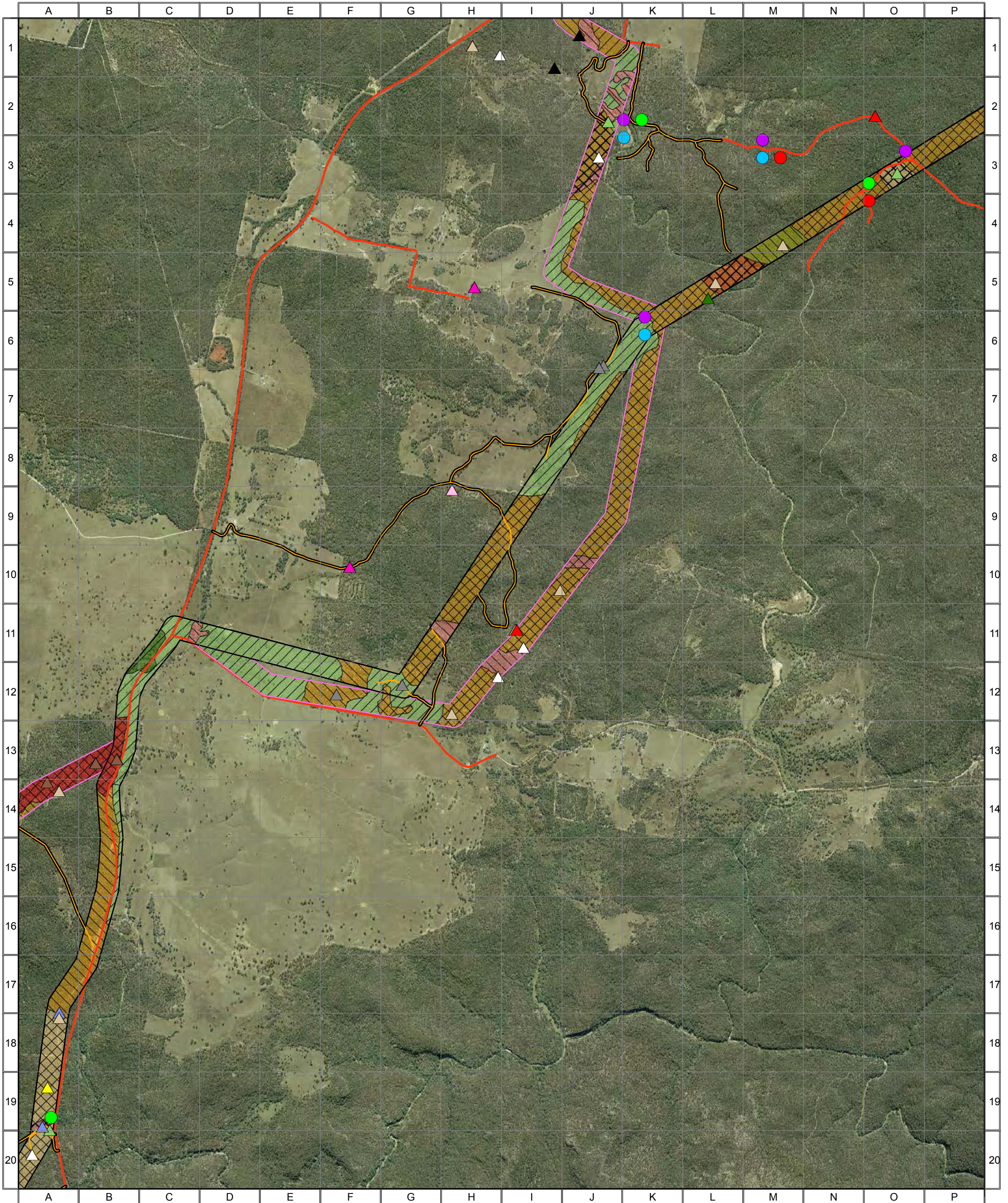


4777 - Liverpool Range (TL Study Area, Map 3) - Results



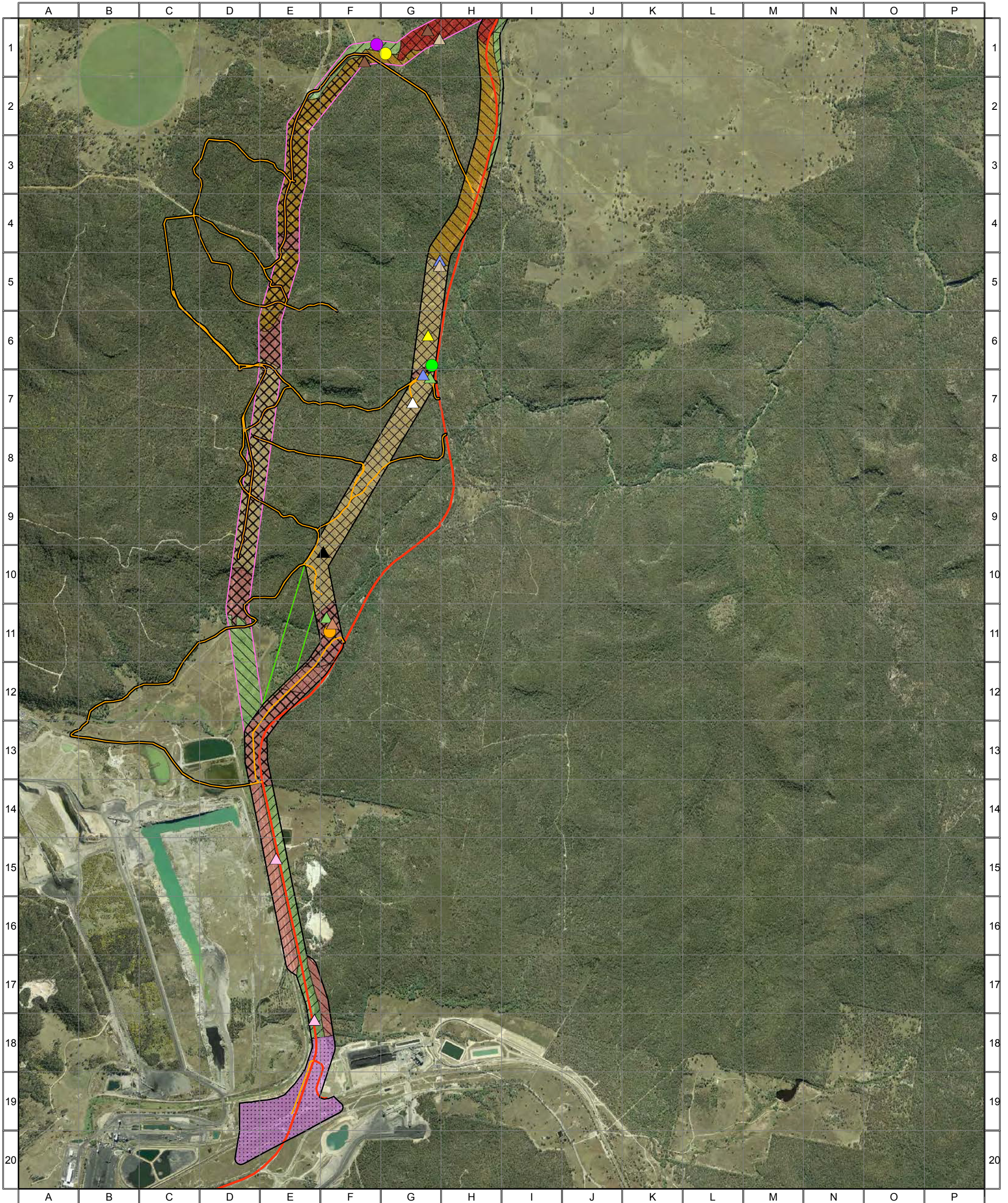
<p>Threatened Species - Birds</p> <ul style="list-style-type: none"> Brown treecreeper Diamond firetail Glossy black-cockatoo Glossy black cockatoo (foraging) Grey crowned babbler Painted honeyeater Powerful owl Speckled warbler Varied sitella 	<p>Threatened Species - Microbats</p> <ul style="list-style-type: none"> Common bent-wing bat Corben's long-eared bat Eastern cave bat Large-eared pied bat 	<p>Raptors</p> <ul style="list-style-type: none"> Wedge-tailed eagle Wedge-tailed eagle (nest site) Whistling kite 	<p>Vegetation Condition</p> <ul style="list-style-type: none"> Good Moderate-Good Moderate Poor-Moderate Poor Exotic 	<p>Vegetation Type</p> <ul style="list-style-type: none"> Riparian Forest - Rough-barked Apple and Blakely's Red Gum Riparian Forest - Rough-barked Apple, Blakely's Red Gum and Yellow Box Sandstone Forest - Black Cypress Pine dominant Sandstone Forest - Inland Scribbly Gum dominant Sandstone Forest - Narrow-leaved Ironbark dominant Sandstone Forest - Red Ironbark dominant White Box / Grey Box Grassy Woodland Native Pasture 	<p>Infrastructure</p> <ul style="list-style-type: none"> Indicative Turbine Locations Substations Overhead Powerlines Underground Powerlines Proposed Tracks Existing Roads Wind Farm Site Boundary
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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 (TL Study Area, Map 4) - Results



Threatened Species - Birds

- Brown treecreeper
- Glossy black-cockatoo
- Glossy black cockatoo (foraging)
- Painted honeyeater
- Powerful owl
- Speckled warbler
- Square-tailed kite (nest site)

Threatened Species - Mammals

- Squirrel glider

Threatened Species - Microbats

- Common bent-wing bat
- Large-eared pied bat
- Yellow-bellied sheath-tail bat

Raptors

- Australian hobby
- Wedge-tailed eagle
- Whistling kite

Vegetation Condition

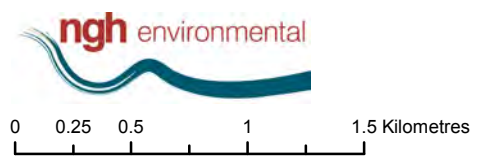
- Good
- Moderate-Good
- Moderate
- Poor-Moderate
- Poor
- Exotic

Vegetation Type

- Riparian Forest - Rough-barked Apple and Blakely's Red Gum
- Riparian Forest - Rough-barked Apple, Blakely's Red Gum and Yellow Box
- Sandstone Forest - Inland Scribbly Gum dominant
- Sandstone Forest - Narrow-leaved Ironbark dominant
- Native Pasture
- Exotic Pasture

Infrastructure

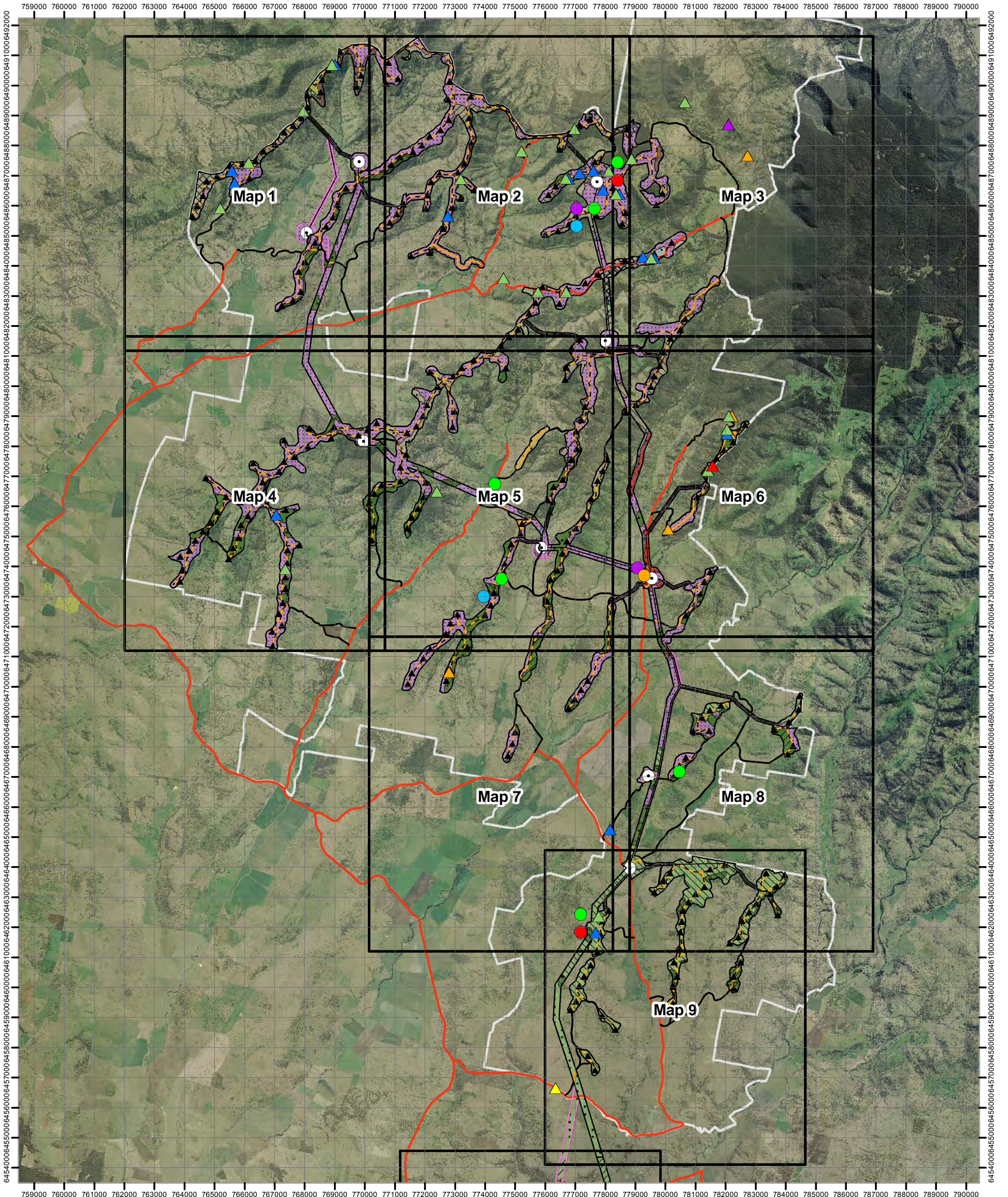
- Combined Survey Area (Preferred Infrastructure Layout)
- Proposed deviation for Square-tailed Kite nest buffer
- Combined Survey Area (Alternative Infrastructure Layout)
- Indicative Turbine Locations
- Substations
- Overhead Powerlines
- Underground Powerlines
- Proposed Tracks
- Existing Roads
- 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

*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) - Results



<p>Threatened Species - Flora</p> <ul style="list-style-type: none"> <i>Acacia ausfeldii</i> <i>Swainsona sericea</i> <p>Threatened Species - Birds</p> <ul style="list-style-type: none"> Black-chinned honeyeater Brown treecreeper Diamond firetail Glossy black-cockatoo 	<ul style="list-style-type: none"> Glossy black cockatoo (foraging) Grey crowned babbler Painted honeyeater Powerful owl Scarlet robin Speckled warbler Square-tailed kite (nest site) Varied sitella 	<p>Threatened Species - Mammals</p> <ul style="list-style-type: none"> Squirrel glider <p>Threatened Species - Microbats</p> <ul style="list-style-type: none"> Common bent-wing bat Corben's long-eared bat Eastern cave bat Large-eared pied bat Yellow-bellied sheath-tail bat 	<p>Raptors</p> <ul style="list-style-type: none"> Australian hobby Black-shouldered kite Brown falcon Nankeen kestrel Wedge-tailed eagle Wedge-tailed eagle (nest site) Whistling kite 	<p>Vegetation Condition</p> <ul style="list-style-type: none"> Good Moderate-Good Moderate Poor-Moderate Poor Exotic 	<p>Vegetation Type</p> <ul style="list-style-type: none"> Brittle Gum Stringybark Woodland Mountain Gum Silvertop Stringybark Forest Norton's Box Woodland Riparian Forest - Rough-barked Apple, Blakely's Red Gum and Yellow Box River Oak Woodland Sandstone Forest - Narrow-leaved Ironbark dominant White Box / Grey Box Grassy Woodland Yellow Box Woodland Native Pasture Exotic Pasture 	<ul style="list-style-type: none"> Combined Survey Area (Preferred Infrastructure Layout) Combined Survey Area (Alternative Infrastructure Layout) Indicative Turbine Locations Substations Overhead Powerlines Underground Powerlines Proposed Tracks Existing Roads Wind Farm Site Boundary
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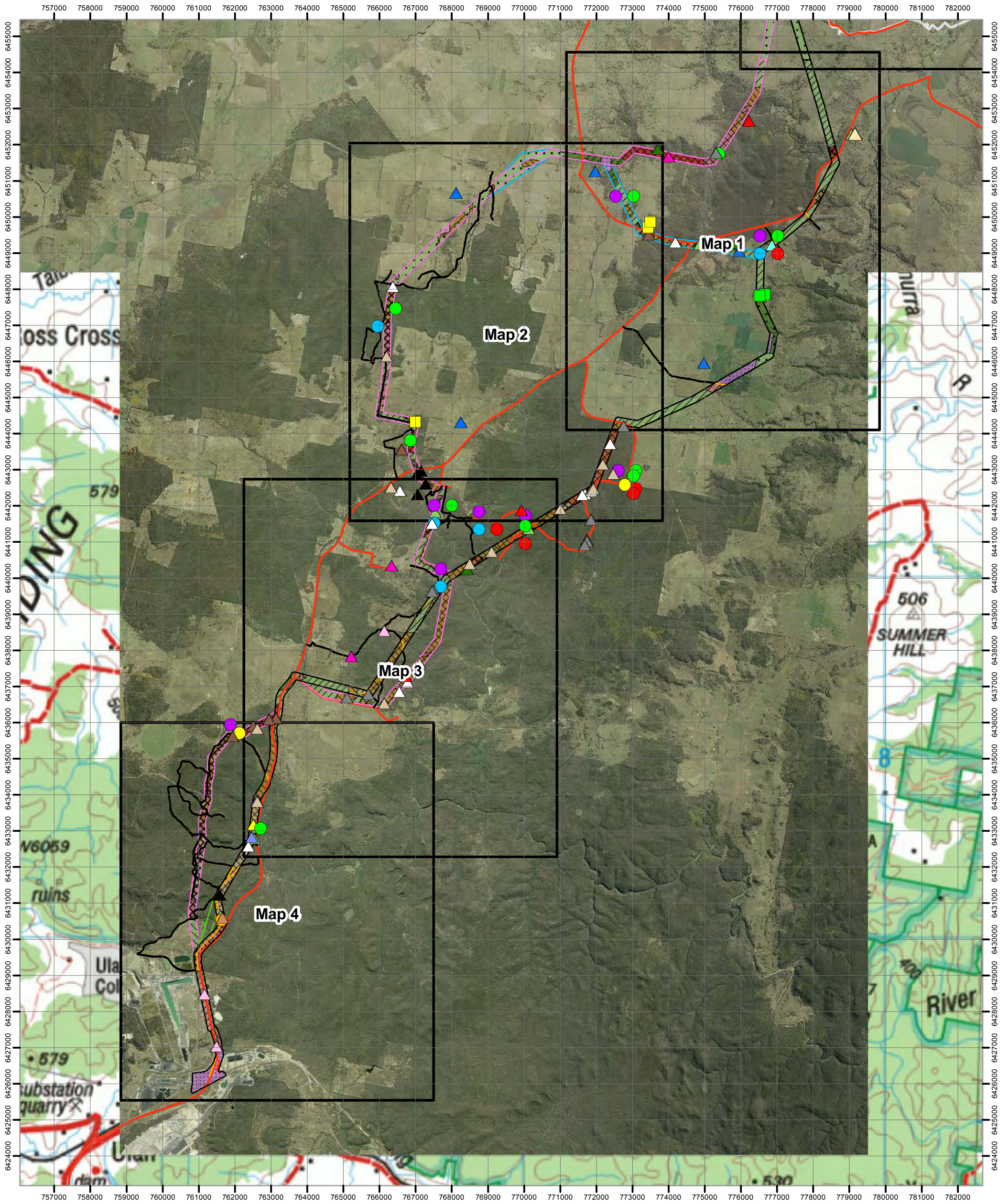


0 0.5 1 2 3 4 5 Kilometres

Approx. Scale @ A3 1:120000
 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 (TL Study Area) - Results



<p>Threatened Species - Flora</p> <ul style="list-style-type: none"> <i>Acacia ausfeldii</i> <i>Swainsona sericea</i> <p>Threatened Species - Birds</p> <ul style="list-style-type: none"> Black-chinned honeyeater Brown treecreeper Diamond firetail Glossy black-cockatoo 	<ul style="list-style-type: none"> Glossy black cockatoo (foraging) Grey crowned babbler Painted honeyeater Powerful owl Scarlet robin Speckled warbler Square-tailed kite (nest site) Varied sitella <p>Threatened Species - Mammals</p> <ul style="list-style-type: none"> Squirrel glider <p>Threatened Species - Microbats</p> <ul style="list-style-type: none"> Common bent-wing bat Corben's long-eared bat Eastern cave bat Large-eared pied bat Yellow-bellied sheath-tail bat 	<p>Raptors</p> <ul style="list-style-type: none"> Australian hobby Black-shouldered kite Brown falcon Nankeen kestrel Wedge-tailed eagle Wedge-tailed eagle (nest site) Whistling kite 	<p>Vegetation Condition</p> <ul style="list-style-type: none"> Good Moderate-Good Moderate Poor-Moderate Poor Exotic 	<p>Vegetation Type</p> <ul style="list-style-type: none"> Riparian Forest - Rough-barked Apple and Blakely's Red Gum Riparian Forest - Rough-barked Apple, Blakely's Red Gum and Yellow Box Sandstone Forest - Black Cypress Pine dominant Sandstone Forest - Inland Scribbly Gum dominant Sandstone Forest - Narrow-leaved Ironbark dominant Sandstone Forest - Red Ironbark dominant White Box / Grey Box Grassy Woodland Native Pasture Exotic Pasture 	<ul style="list-style-type: none"> Combined Survey Area (Preferred Infrastructure Layout) Proposed deviation for Square-tailed Kite nest buffer Combined Survey Area (Alternative Infrastructure Layout) Combined Survey Area (2nd Alternative Infrastructure Layout) Indicative Turbine Locations Substations Overhead Powerlines Underground Powerlines Proposed Tracks Existing Roads Wind Farm Site Boundary
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ngh environmental

0 0.5 1 2 3 4 5 Kilometres

Approx. Scale @ A3 1:100000
 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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