

PHOTO ESSAY OF

REMNANT REGIONAL ECOSYSTEMS AND

RARE AND THREATENED FLORA HABITAT

ALONG THE PROPOSED “MISSING LINK”

RAIL ALIGNMENT

SITE 1 – 21° 40' 30.3" S 147° 55' 28.3" E (WGS84 – 4 m error)

Endangered remnant regional ecosystem 11.4.9 (Ornamental Snake habitat) within the Not Of Concern remnant regional ecosystem 11.5.3 around vital farm stock watering dam along “southern option – western alternative”.



SITE 2 – 21° 41' 31.0" S 147° 55' 28.3" E (WGS84 – 4 m error)

Unmappable (too small an area) Not Of Concern remnant regional ecosystem 11.7.1 adjacent to existing rail loop at Goonyella Riverside along “southern option – eastern alternative”.



SITE 3 – 21° 39' 07.6" S 147° 54' 34.8" E (WGS84 – 4 m error)
Regrowth of the endangered remnant regional ecosystem 11.4.9 (Ornamental Snake habitat) – heavily gilgaied.



SITE 4 – 21° 38' 20.2" S 147° 54' 41.6" E (WGS84 – 4 m error)
Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway.



SITE 5 – 21° 36' 34.8" S 147° 54' 55.4" E (WGS84 – 4 m error)
Endangered remnant regional ecosystem 11.4.9 (Ornamental Snake habitat).



SITE 6 – 21° 32' 05.7" S 147° 53' 42.6" E (WGS84 – 5 m error)
Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway.



SITE 7 – 21° 32' 05.7" S 147° 53' 42.6" E (WGS84 – 5 m error)

Central drainage line within endangered remnant regional ecosystem 11.3.1 along ephemeral waterway.



SITE 8 – 21° 23' 34.8" S 147° 51' 39.0" E (WGS84 – 7 m error)

Of Concern remnant regional ecosystem 11.3.2 adjacent to Suttor Creek.



SITE 9 – 21° 23' 30.6" S 147° 51' 35.1" E (WGS84 – 6 m error)
Not Of Concern remnant regional ecosystem 11.3.25 along Suttor Creek.



SITE 10 – 21° 23' 08.3" S 147° 51' 36.6" E (WGS84 – 5 m error)
Endangered remnant regional ecosystem 11.4.9 (Ornamental Snake habitat).



SITE 11 – 21° 22' 08.9" S 147° 51' 38.8" E (WGS84 – 8 m error)
Endangered remnant regional ecosystem 11.5.16 (Ornamental Snake habitat).



SITE 12 – 21° 22' 03.4" S 147° 51' 27.2" E (WGS84 – 4 m error)
Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway with within areas of the Not Of Concern regional ecosystem 11.5.2.



SITE 13 – 21° 21' 27.1" S 147° 50' 55.1" E (WGS84 – 4 m error)
Endangered remnant regional ecosystem 11.4.8 (Ornamental Snake habitat).



SITE 14 – 21° 27' 47.8" S 148° 12' 13.0" E (WGS84 – 5 m error)
Farm dam south of Glenden with Cotton Pygmy Geese.



SITE 15 – 21° 12' 26.5" S 147° 49' 40.7" E (WGS84 – 5 m error)

Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway at NE end of the “gorge”.



SITE 16 – 21° 12' 51.5" S 147° 49' 25.7" E (WGS84 – 5 m error)

Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway within the “gorge”.



SITE 17 – 21° 13' 06.1" S 147° 49' 26.1" E (WGS84 – 5 m error)

Endangered remnant regional ecosystems 11.3.1 and 11.4.9 (Ornamental Snake habitat) in the “gorge” with the Not Of Concern remnant regional ecosystem 11.7.2 on the surrounding escarpments.



SITE 18 – 21° 13' 08.7" S 147° 49' 28.6" E (WGS84 – 5 m error)

Endangered remnant regional ecosystem 11.4.3 (Ornamental Snake habitat) in the “gorge”.



SITE 19 – 21° 13' 11.0" S 147° 49' 23.5" E (WGS84 – 5 m error)

Endangered remnant regional ecosystem 11.9.5 at the base of the escarpment within the “gorge”.



SITE 20 – 21° 13' 10.9" S 147° 49' 22.0" E (WGS84 – 6 m error)

Area of semi-evergreen vine forest ascribable to the endangered regional ecosystem 11.9.4 on the escarpment of “the gorge”.

Digital Photo corrupted

SITE 21 – 21° 13' 26.3" S 147° 49' 19.8" E (WGS84 – 5 m error)

Not Of Concern remnant regional ecosystem 11.9.9 on crests and slopes at the southern end of the “gorge”.



SITE 22 – 21° 13' 26.1" S 147° 49' 19.8" E (WGS84 – 5 m error)

Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway at southern end of the “gorge”.



SITE 23 – 21° 12' 38.6" S 147° 49' 32.6" E (WGS84 – 6 m error)

Endangered remnant regional ecosystem 11.3.1 within the Not Of Concern remnant regional ecosystem 11.3.10 at northern end of the "gorge".



SITE 24 – 21° 17' 16.5" S 147° 49' 58.2" E (WGS84 – 6 m error)

Regrowth of the endangered remnant regional ecosystem 11.3.1 along ephemeral waterway – almost exceeds remnant canopy height and canopy density thresholds for remnant vegetation.



SITE 25 – 21° 15' 50.3" S 147° 49' 20.2" E (WGS84 – 4 m error)
Not Of Concern remnant regional ecosystem 11.9.9.



SITE 26 – 21° 16' 43.7" S 147° 49' 32.8" E (WGS84 – 4 m error)
What appears to be a land type within the endangered remnant regional ecosystem 11.9.1 with little associated understorey *Acacia harpophylla* that has been severely fractured by the instatement of a gas pipeline.



SITE 26A – 21° 40' 30.3" S 147° 55' 28.3" E (WGS84 – 4 m error)

Endangered remnant regional ecosystem 11.9.1 adjacent to the swathe of clearing associated with the recently instated gas pipeline depicted above.



SITE 27 – 21° 19' 36.2" S 147° 50' 25.7" E (WGS84 – 4 m error)

Cleared area on alignment with the Not Of Concern remnant regional ecosystem 11.5.3 abutting the alignment.



SITE 28 – 21° 19' 36.2" S 147° 50' 25.7" E (WGS84 – 4 m error) – same position as Site 27.
Narrow (Unmappable - too narrow a riparian zone) strip of the endangered remnant regional ecosystem 11.3.1 along an ephemeral waterway.



SITE 29 – 21° 12' 06.9" S 147° 49' 07.0" E (WGS84 – 5 m error)
Not Of Concern remnant regional ecosystem 11.5.5 below the Not Of Concern remnant regional ecosystem 11.9.9.



SITE 30 – 21° 1' 36.0" S 147° 50 16.5" E (WGS84 – 5 m error)

Not Of Concern remnant regional ecosystem 11.8.5 and the Of Concern remnant regional ecosystem 11.8.11 – the habitat of *Dichanthium queenslandicum* and *Dichanthium setosum* – the former vulnerable grass was located in this habitat along the alignment – see Site 34 below.



SITE 31 – 21° 1' 36.0" S 147° 50 16.5" E (WGS84 – 5 m error) – same location as Site 30.

Not Of Concern remnant regional ecosystem 11.8.5 – the habitat of *Dichanthium queenslandicum* and *Dichanthium setosum*.



SITE 32 – 21° 11' 17.5" S 147° 50' 32.1" E (WGS84 – 5 m error)
Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway.



SITE 33 – 21° 10' 52.1" S 147° 50' 41.1" E (WGS84 – 6 m error)
Not Of Concern remnant regional ecosystem 11.8.5 – the habitat of *Dichanthium queenslandicum* and *Dichanthium setosum*.



SITE 34 – 21° 10' 36.4" S 147° 51' 50.7" E (WGS84 – 5 m error)
Of Concern remnant regional ecosystem 11.8.11 – the habitat of *Dichanthium queenslandicum* (illustrated).



SITE 35 – 21° 10' 09.2" S 147° 52' 00.0" E (WGS84 – 4 m error)
Endangered remnant regional ecosystem 11.3.1 along ephemeral waterway.



SITE 36 – 21° 10' 08.8" S 147° 52' 02.2" E (WGS84 – 5 m error)
Endangered remnant regional ecosystem 11.3.21 along ephemeral waterway with a mosaic of the Not Of Concern remnant regional ecosystem 11.8.5 and the Of Concern remnant regional ecosystem 11.8.11 behind - the habitat of *Dichanthium queenslandicum* and *Dichanthium setosum*.



SITE 37 – 21° 09' 46.5" S 147° 52' 35.3" E (WGS84 – 5 m error)

Endangered remnant regional ecosystem 11.3.21 along ephemeral waterway with a mosaic of the Not Of Concern remnant regional ecosystem 11.8.5 and the Of Concern remnant regional ecosystem 11.8.11 behind - the habitat of *Dichanthium queenslandicum* and *Dichanthium setosum*.



SITE 39 – 21° 09' 37.1" S 147° 52' 51.7" E (WGS84 – 4 m error)

Not Of Concern remnant regional ecosystem 11.3.25d dominated by *Melaleuca bracteata*.

