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Cooba Solar Farm – Additional Assessments

Chiron Aviation Consultants has been asked to assess an additional dwelling in the area around the Cooba Solar Farm. This is identified as #17 on Figure 1.

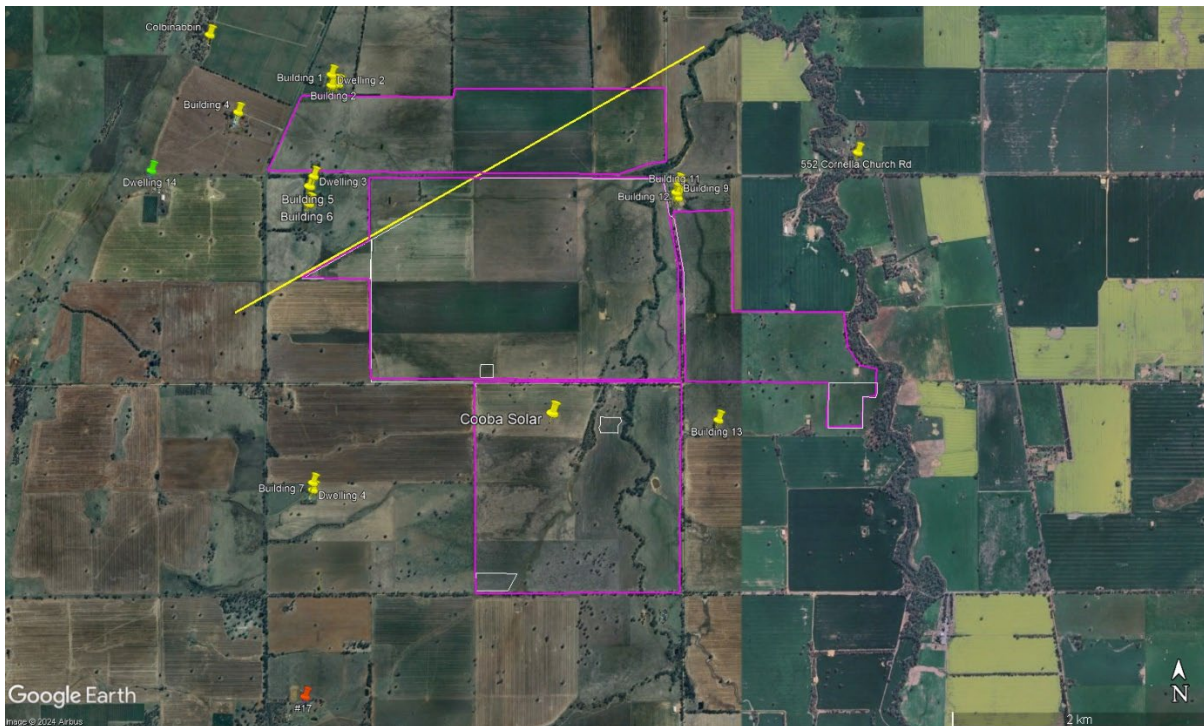


Figure 1 – Additional location.

Dwelling #17

The dwelling is 1700m southwest of the solar farm and at a 45 degree angle to the face of the panels. There are mature trees on east side of dwelling and a mature tree shelter belt between the dwelling and the solar farm. It is considered that a solar reflection is not geometrically possible.

There are other buildings/dwellings [buildings 4 & 7] directly in line (at right angles) with the panels and considerably closer that are not affected by glare/glint.

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Any glint/glare is not considered visible or geometrically possible at #17. This equates to No Impact; where a solar reflection is geometrically impossible, or it will not be visible from the assessed receptor.

Conclusion

In my opinion there will be no glint/glare impact on this dwelling as solar reflection is not geometrically possible or will not be visible from the assessed receptor. Other dwellings, such as those located to the east and across the creek are located such that they are screened from the solar farm by mature trees, high ground and are sufficiently distant from the panels for glare/glint to not be an issue.



Ian Jennings
Principal Consultant
Chiron Aviation Consultants
9th January 2025

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