

# Complete your HONOURS PROJECT with the CMSR in the Great Victoria Desert!



The ARC Centre for Mine Site Restoration has two fantastic opportunities to work in the Great Victoria Desert with the Tropicana Gold Mine, located 330 km northeast of Kalgoorlie, Western Australia.

These projects are ideal for students looking to undertake studies directly applicable to mine site restoration, and who are looking to gain hands-on experience in practical and applied restoration ecology!

## PROJECT 1 - WHAT CONSTITUTES A GOOD REFERENCE RESTORATION SITE? LINKING VEGETATION COMMUNITIES TO POST-MINING SOILS

Best-practice restoration requires appropriate reference sites to be identified, to guide the composition of species in restored communities. However, as the soils of post-mining landscapes differ dramatically from pre-mined landscapes, the suitability of species from different local communities need to be explored to examine which may be better suited to the conditions.

An exciting opportunity exists to work with AngloGold Ashanti Australia (AGAA) at the Tropicana Gold Mine (TGM), to examine species assemblage in post-mining substrates in the Great Victoria Desert. The objectives of this project are to gather site data to better understand:

- The suitability and performance of species from different vegetation communities on various substrates;
- The quantity and quality of the soil seed bank in stockpiled topsoil; and
- The role of pioneer species as early colonisers and their functional roles in restoration.

Contact Renee Young [renee.young@curtin.edu.au](mailto:renee.young@curtin.edu.au) for more information today!