

BIOGEOCHEMICAL AND HYDROGEOCHEMICAL MAPPING AT DEPOSIT TO REGIONAL SCALE FOR MINERAL SYSTEMS VECTORING

MINEX CRC PROGRAM 3

National Drilling Initiative

PHD PROJECT

University of New South Wales

PREREQUISITES AND INTERESTS

Includes geochemistry, hydrogeology, regolith, analytical techniques

PRIMARY SUPERVISOR

Assoc. Prof. David Cohen
e: d.cohen@unsw.edu.au
t: +61 2 9385 3010

CO-SUPERVISORS

Dr. Neil Rutherford (UNSW)
Dr. John Greenfield (NSWGS), Dr Adam McKinnon (Aurelia Ltd)

PARTICIPATING ORGANISATIONS



RESEARCH PROJECT

Projects available in the below general area:

- (1) Comparison of the response of regolith and vegetation to mineralisation buried under deep transported cover and the capacity of field-portable analytical methods to replace conventional laboratory analytical procedures. The work will extend current biogeochemical mapping programs in the Cobar Basin to other mineralised regions. Particular focus will be on the form and location of elements within plant organs and potential seasonal variations.