

# Ben Raftery



ben.raftery@live.com.au



14 Audenshaw Street  
Highgate Hill 4101



0425 236 505

## LinkedIn Profile

<https://au.linkedin.com/in/BenRaftery>

AutoCAD

Autodesk Civil 3D

Autodesk Inventor

Spacegass

MultiStrand

Microsoft Office

## Education

**University of Queensland**  
**Bachelor of Engineering (Civil)**  
**2010 - 2015**

Final year electives included Advanced Traffic Design, Advanced Structural Analysis, Professional Practice and the Business Environment, Civil Engineering Management and two Civil Design Projects

## Work Experience

**Lever Australia**  
**Undergraduate Civil Engineer**  
**Dec 2010 - Dec 2013**

Experience included mostly computer assisted design and drawing throughout areas of Australia and Papua New Guinea mining sectors, by communicating with clients and use of Australian Standards.

### Notable Projects

#### Lake Vermont Site Expansion and Flood Study

Architectural design and draft of maintenance and site offices, slab design and fitout for light vehicle washpad, heavy vehicle washpad, fuel farm and central maintenance workshop area. Laid out site plan on aerial image for traffic requirements. Design and draft of pipeline, dam expansion and manifold redesign for environmental dam.

#### Lihir Gold Infrastructure Upgrade

Layout and drafting for lubricant, crusher and ancillary workshops, assisting in column and slab design. Design of walkways (AS 1657) and access stairs to crusher including design of counterweighted personnel drawbridge. Layout, slab design and drafting of effluent pit, bunds and light tower footings.

#### Stanmore Coal Train Loadout

3D Model design of train rail using LiDAR data and Autodesk Civil 3D, along with design and draft of loadout using Autodesk Inventor for 3D rendering.

## Volunteering

**Surf Lifesaving (Bronze Medallion, ATV license, Radio Command)**  
**Dicky Beach Surf Club, Sunshine Coast**  
**Dec 2009 - Mar 2011**

## Reference

Craig Anderson, *BE (hons), RPEng*  
Lever Australia Ltd Pty  
0431 488 006