



# **Student Survey Expedition**

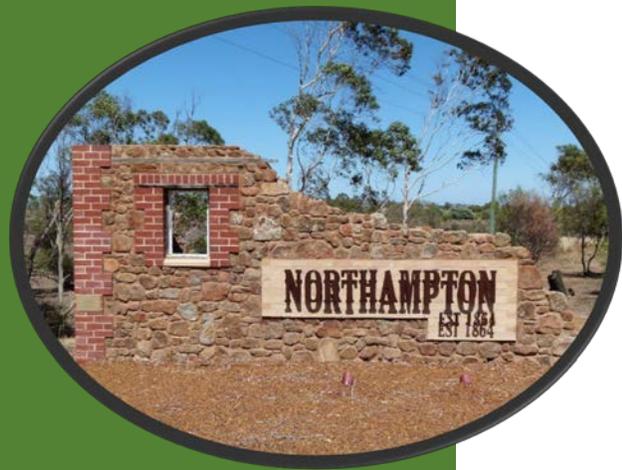
CLASS OF 2018

# The Expedition

The Biennial survey expedition is upon us once again. During the month of July 2018 8 graduating surveyors are given the unique opportunity to put into practice their skills learnt during their grueling 4-year degree in the remote town of Northampton.

One of the oldest towns in Western Australia, declared a townsite in 1864. Now classified as a historic town in recognition of the important heritage buildings in the area.

With a handful of projects available recognizing the many different aspects of surveying; hydrographic, geodetic and cadastral. Students chose which project best suited their aspirations and with the help of the mentors, inaugurate preparations for the task ahead.



Toby Ansell



Project manager

My name is Toby Ansell and I am a fourth-year student studying a Bachelor of Surveying at Curtin university. I have worked in the surveying industry for 6 years employed by RM Surveys. I will be leading this year's survey expedition through Northampton as well as re-establishing survey marks for the renovation of the Irwin baseline. I would like to personally thank all contributions from sponsors towards this expedition without these much-needed funds the expedition could not take place.

David Winters

Warribanno Lead Smelter Chimney

I am a fourth-year student currently employed by RM Surveys. I plan on conducting a three-dimensional survey on the Geraldine (Warribanno) Lead Mine complex including its smelter and chimney stack. The use of GPS, Total Stations, scanners and photogrammetric camera rigs will be required to accurately obtain a geo-referenced 3D point cloud of the mine structures and surroundings.



Joe Outtrim

Galena/Geraldine mine town site repeg

I am a Bachelor of Surveying student at Curtin University currently in my 4th year and have had experience precise levelling with Landgate in the past. I will be overseeing and carrying out a repeg in the old Galena/Geraldine town site east of Kalbarri. The expedition will provide a valuable opportunity to apply what I have learnt in my studies and to gain new practical experience and knowledge in a variety of surveying disciplines.



Roque Ruiz



### Forrest Triangulation re-observation

My name is Roque Ruiz and I am currently studying a Bachelor of Surveying degree at Curtin University. I have been working as a surveyor's assistant for Tuscom Subdivision Consultants for just over 1 year, focusing mainly on the cadastral side of surveying. As part of the expedition, I will be re-observing the Forrest triangulation network, tying in to the Irwin baseline and a sister project from 2014. I look forward to extending this extensive network located in the mid-west of western Australia.

Riley Pilcher



### Port Gregory Reef

I am a fourth year Bachelor of Surveying student at Curtin University and I am currently employed as a Survey Assistant at McMullen Nolan Group. I will be organizing and conducting a hydrographic survey of the Port Gregory Reef area. This expedition is a great opportunity to broaden my knowledge in hydrographic and other surveying disciplines. I look forward to the experience.

Tim Ball

### Northampton Church Repeg

My name is Tim Ball and I am in my fourth year at Curtin University studying a Bachelor of Surveying. I am currently working as a survey assistant at both GHD and Denada surveys. My project in this expedition is to re-establish the cadastral boundaries of Our Lady Church in Northampton. I am taking part in this expedition as I believe it will be a great opportunity to gain a better understanding of the different branches of surveying which will be useful in my career



Samuel Beaver

### Lynton Convict Depot

My name is Sam Beaver and I'm a third year student studying Bachelor of Surveying at Curtin University, I have worked extensively in open pit and underground mines as a vacation surveyor. On the expedition I will be leading the laser scanning of the Lynton Convict Depot and connecting it to the geodetic network. I am looking forward to this expedition as a way of gaining more experience in a variety of surveying techniques.



Daniel Gunasekaran



### Port Gregory/Lynton Convict Depot

I'm a fourth year student of the Bachelor of Surveying degree at Curtin University. I also currently work in the surveying industry as a Survey Assistant with RM Surveys. My role in the expedition will be to plan and carry out a cadastral redefinition survey of part of the convict settlement at Lynton/Pt Gregory. I'm looking forward to the expedition as an opportunity to develop my skillset as a surveyor and enjoy working with a talented group of students and mentors.



# Acknowledgements





