

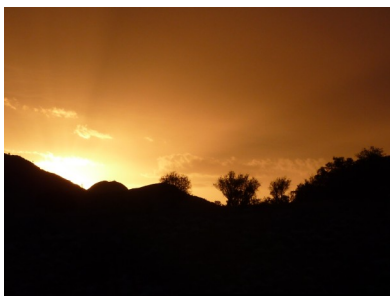
### Summer, Sun and Surf...

**Welcome** to the Summer Edition of *The Survey Datum*.

Does this year feel like it's flying by or what? May be it's just me!

We are squeezing out our Summer Newsletter with only a few days of summer left! Phew!

This edition — we introduce our newest team member, James. Also our new Whyalla office (just around the corner from the old one).



Summer Sunset  
Flinders Ranges

2015 is starting to be the year of change, so hang on to your hats and we'll keep you up-to-date.

Mark shares about BIG survey marks around the state and Annette continues her conversation regarding Land Divisions and who else might be needed to ensure that your project is completed in a timely way and with the positive result we are all looking for.



Mt Lofty Obelisk

Michael—Ed

### MG Surveys Whyalla Office has moved.

When visiting our Whyalla Office—which we share with Stassi Engineering, please find us at 17B—19A Darling Tce WHYALLA. All other contact details stay the same.



### Quote ...

I've learned that people will forget what you said; people will forget what you did; but people will never forget how you made them feel. —Maya Angelou

### Why a Surveyor?

#### A Word From James

- MGS Surveyor in the making.



In this issue of *The Survey Datum* we'd like to introduce the newest member of our team — **James Lenzi**. You might see him out and about with our crews assisting and supporting with your survey.

**Q:** James, you're heading toward becoming a surveyor. When did you realise that this was the occupation you'd like to pursue?

**A:** The question that is often asked of high school kids is, 'What do you want to do when you leave school?' I found this tricky to answer as I did not know what I wanted to do. I had always been interested in the idea of human movement and Physical Education teaching; however I was also thoroughly aware of the growing global interest with the environment and talks of climate change. This led me to study a Sustainable Environments Degree.

**Q:** What are you currently studying?

**A:** I have completed my Sustainable Environments Degree and am now continuing my studies with, finalising a Masters of Surveying.

**Q:** What made you consider Surveying?

**A:** Within my first degree I completed a diverse range of subjects involving Remote Sensing, GIS Applications, Sustainable Environments, Project Management, Mathematics, Spatial Statistics, Land Use Planning and basic Surveying. I really enjoy the combination of mathematics and outside work that Land Surveying is.

Make sure you say **Hi** to James when you see him out and about.

### Try a Sudoku.

			9	6				
4		9				2		1
	5	1				6	7	
	8			3			9	
	1	7	6		2	3	8	
	3			9			5	
	2	5				8	6	
7		8				9		5
			5	7				

Christmas Quiz Answers

- 364,
- Figgy Pudding,
- Australia,
- Mexico,
- Cinnamon or Nutmeg

# Big Survey Marks

Not all survey marks are buried under the footpaths. In regional and remote areas, before GPS became readily available, surveyors needed line of sight between known points to determine a location or heading.

In order to see the long distances needed to traverse our vast continent, surveyors needed big survey marks to sight to.

**Stone Cairns** were constructed using the local rock, some up to 2m or more high. They would then have a post sticking out of the centre that could be sighted from kilometres away. Many of the stone cairns still exist. If you head out to the outer pastoral areas of South Australia and beyond, you can clearly make out the shape on top of the hills and ranges.



Stone Cairn near  
Maree SA

**Trig Markers** are the modern equivalent of the stone cairn. On the top of the posts is a vane which sits directly above a survey mark buried in the ground below. Once again, the vane can be sighted from a very long way away.

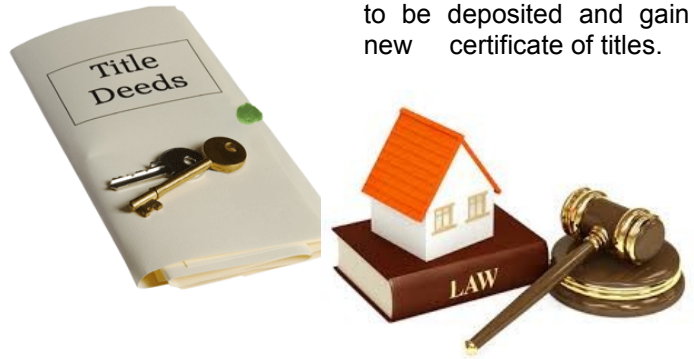


The Obelisk on top of Mt Lofty is one of the better known survey marks in South Australia. Originally constructed as a stone cairn in 1840 as part of the first trigonometrical survey of Adelaide, this was replaced in 1885 with the current structure, and dedicated to Matthew Flinders in 1902. The Obelisk still has a registered coordinate associated with it, however it is now better linked with the impressive views earned after a tortuous walk up from Waterfall Gully.

## What Else Should I Consider? Part 1

When completing a **Land Division**, it can feel as though there is a continual stream of 'other people' that need to be involved. Land Divisions can be complex but we aim, with the assistance of our Land Division Co-ordinator, to guide you through the maze.

Towards to end of the Land Division process, it is normal to require a **Conveyancer** to assist with your Land Division. They will prepare documentation for the Land Titles Office approved plan to be deposited and gain new certificate of titles.



Another occurrence that will require a **Conveyancer** is if you choose to use a Community Title division. (for information on CT see articles in *The Survey Datum* Summer and Autumn 2013 Editions). A Conveyancer will be required to prepare By-laws and scheme descriptions.

We work very closely with a number of Conveyancers but can easily work with whoever you choose.

Other 'third parties' that may be required are Arborists, Building Designers, Demolition Companies, Engineers, Planners, Plumbers and Valuers. Look out in the next edition for further information on these businesses.

**Overall the full process of a normal Land Division can take 6-8 months.**

Further information on Land Divisions and many other topics can be found on our website [www.mgsurveys.com.au](http://www.mgsurveys.com.au) and in previous editions of *The Survey Datum* which can also be found on our website, or simply give us a call.

## Michael Grear Surveys

**Licensed & Engineering Surveyors**

**Adelaide Office**

1397 South Road

BEDFORD PARK SA 5042

Tel: 8357 6833

**Whyalla Office**

17B—19A Darling Tce **New Address**

WHYALLA SA 5600

Tel: 8644 2040

**E: [admin@mgsurveys.com.au](mailto:admin@mgsurveys.com.au)**

**Web: [www.mgsurveys.com.au](http://www.mgsurveys.com.au)**

