

Editorial

With the year racing by and Christmas fast approaching, it may be time to consider the activities that might be occurring over your holiday break... or is it a time for just some “time out”? Time to be with family and friends. Time in the backyard or a walk along the beach. Time to allow us to think. Could it be without my phone or youtube? [or are you one of the ones that works through Christmas?]

Something to think about ... but first, to finish the 2024 year take a look at our Survey Datum; we have had one of our team in Iceland reminding us of tectonic plates, seeing them in the ‘flesh’. Also, questions answered “Why consider a Land Division?” and “Why would I need to use a Surveyor?”

If you have any other land related questions you’d like discussed, please let us know.

Happy Christmas! Happy Holidays!

[Michael Gear Surveys will be taking a break from COB Fri 20 Dec until 8.30am Wed 8th Jan.]

The Crust - Iceland



Tectonic plates are huge pieces of the Earth's outer layer, called the crust. Imagine the Earth's surface is like a puzzle made of giant pieces, and these pieces are constantly moving, though very slowly. Some plates are moving away from each other, while others crash into each other or slide past one another. These movements can cause earthquakes, volcanoes, and the creation of mountains. Even though we can't see the plates moving because they move so slowly, they shape the Earth over many years.

Iceland sits on the Mid-Atlantic Ridge, where two major tectonic plates—the Eurasian and North American plates—meet and pull apart. Thingvellir is part of a volcanic and fissure belt connected to the Mid-Atlantic Ridge, a vast underwater mountain range that stretches from the Arctic Ocean in the north to the southern Atlantic. The plates pull apart at Thingvellir, and the park provides a rare opportunity to witness the ongoing process of continental drift.

The interaction of the plates is a continuous process. In most areas, the plates move slowly, at a rate of about two centimetres per year. However, in the rift zones, like Thingvellir, tensional stress builds up over long periods and is periodically released in bursts of volcanic or earthquake activity. Such events are relatively rare but significant, like the severe earthquakes in the summer of 2000, which were caused by the movement of the plates.

This fascinating geological activity makes Thingvellir not only a place of natural beauty but also a site where the powerful forces shaping our planet are on full display.

Recently one of our team visited Iceland and saw this first hand. How remarkable!

Visit the **Michael Gear Surveys website for more information and past issues of The Survey Datum @ www.mgsurveys.com.au**

Thingvellir National Park- Iceland



Quote

..... If you want to lift yourself up,
lift someone else.

Booker T Washington

A Couple Of Your Questions Answered!



Why Would I Consider a Land Division?

A land division is the process of dividing a larger parcel of land into smaller, separate lots. This process is typically done to allow for the sale, development, or use of the land for different purposes, such as residential, commercial, or agricultural use. The division is guided by local zoning laws, land use regulations, and building codes, which dictate how the land can be subdivided.

The purpose of a land division is often to make land more accessible for buyers or developers. Land division begins with a surveyor who measures and marks the boundaries of the property, creating a plan that shows the new boundary/s. The process is guided through the relevant government authorities by the Michael Gear Surveys Land Division Co-ordinator.

At Michael Gear Surveys, we plan and ensure that we follow all Land Divisions through to completion (generally 8 - 10 months). Contact our team to chat over your next project.

Why Would I Need To Use A Surveyor?

A land surveyor is important because they measure and map land accurately. If you're buying, selling, or building on property, a surveyor makes sure you know exactly where your land starts and ends.

They check boundaries to avoid disputes with neighbours and ensure buildings are placed correctly. Surveyors also help with things like determining land elevation or checking for potential problems like flooding risks. In short, a surveyor makes sure everything is in the right place and that your property plans are safe and legal.

COMPETITION TIME



Some Christmas Quiz Questions.

1. What was the poem "Twas the night before Christmas" originally titled?
 2. What animal parts were the first artificial Christmas trees made from?
 3. What political cartoonist is largely responsible for defining what the modern Santa Claus looks like?
- Let us know what you think - admin@mgsurveys.com.au and there'll be a Christmas coffee coming your way

Try the scan

