

GIRLS INTO GEOSCIENCE WITH PLYMOUTH UNIVERSITY

Fieldtrip to Torbay 2nd July 2018

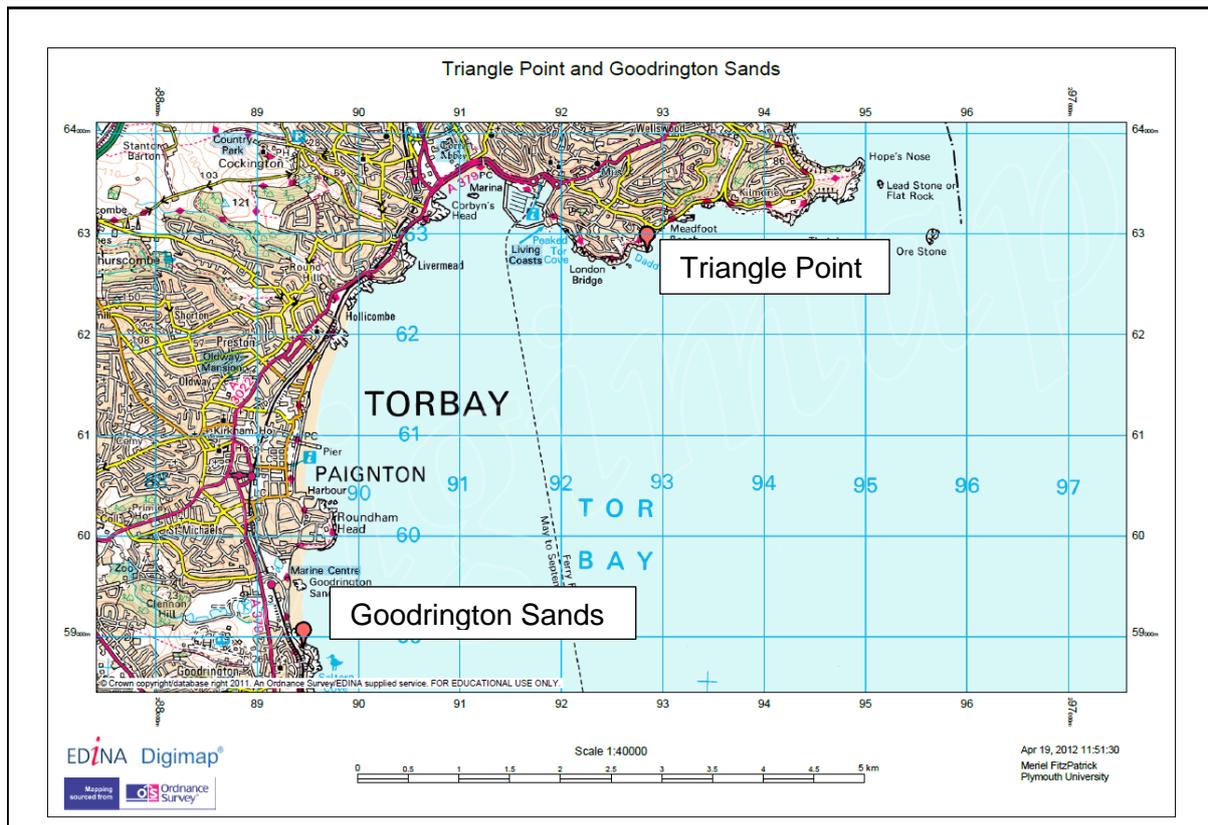


Introduction

Torbay is an area of great geological significance, including Triangle Point and Goodrington Sands (Figure 1) which are Sites of Special Scientific Interest (SSSI) and lie within the English Riviera UNESCO Global Geopark. This means that the geological sections are conserved for the general public, students and scientists to visit and study. They exhibit rocks of Devonian and Permian age and contain some interesting features and fascinating fossils.

This fieldtrip will take you to these two locations, Goodrington Sands and Triangle Point and provide you with an opportunity to learn about the geology and the landscape with staff from Plymouth University.

We will discuss the palaeoenvironmental interpretations that can be made from our observations at the end of the morning and afternoon sessions.



Aims

By the end of the fieldtrip you should have seen and be familiar with:

- some different types of sedimentary rocks and fossils; their palaeoenvironmental significance
- geological structures and some of the processes involved in forming these features;
- the approach geologists take to describe and record geological/geomorphological features in the field.

Assemble on Monday 2nd July at 09:30 SHARP!

At the Bus Stop on North Hill close to the Main Entrance of the University, opposite the City Museum. We will be leaving for Torbay at 09:30 and returning by 16.30.

Alternatively meet us at Meadfoot Beach at 10:30.

What to Wear/Bring

(a) Clothing – You must wear, or carry with you, appropriate clothing at all times – details are outlined in the SoGEES Safety Handbook “Wear suitable outdoor clothes and boots, (those with jeans and /or trainers will not be taken out in the field; no exceptions); Full waterproofs (top and bottom); Hat and gloves to be carried or worn.”

In particular make sure you have:

- plenty of warm clothing (layers are best). **No jeans please.**
- waterproofs (jacket and trousers)
- supportive and protective walking shoes or boots (**NOT trainers**).
- sunhat
- suncream (at least Factor 30)

Please note: If a member of staff feels you are dressed inappropriately you will not be allowed into the field.

(b) Geological Field Equipment –

- Notebook (preferably hard backed)**
- a fine lead (0.3-0.5) propelling pencil; HB leads.**
- eraser.**

The University will provide compass-clinometers, hard-hats and any other field equipment that is needed.

(c) Food You should prepare a packed lunch and bring a drink or flask as we will be picnicking on the coast – weather permitting! However, there are also cafes close to where we will stop for lunch.

Safety

Please read the risk assessment and listen to instructions from staff regarding your safety during the day.

You **MUST NOT** leave the group without first speaking to a member of staff.