**Sunday 30 November**

**GEOLOGICAL HIKE ON SLOPES OF TABLE MOUNTAIN (led by Dr John Rogers, retired geology lecturer, UCT)**

**Meeting times and places:** meet at Philosophy School car park at 9:30am, get into as few cars as possible and depart at 9:45am and drive to parking area at Deer Park (Van Riebeeck Park) at the top of Deer Park Road, Vredehoek. If more convenient others can meet us there at 10am.

**Distance:** about 4km, mostly on tar but some uphill footpath and uneven rocks. Should take 3 hours.

**What to bring:** normal hiking gear, hat, sunblock, wind breaker, plenty of WATER (essential) and a packed lunch.

**Description:**

**1. Granite contact in Deer Park**

A short walk upstream to the waterfall to view the famous contact where the Cape Granite intrudes metamorphosed sediments of the Malmesbury Group's Tygerberg Formation. Return to cars and drive up to and beyond the Cable Station on Tafelberg Road.

**2. Outcrops along Tafelberg Road**

A brief stop below Western Table and beside parked cars before continuing to park at Platteklip Gorge where we will climb up to the Contour Path to study a disconformity, arthropod tracks, load-casts and ripple-marks, the latter in Silverstream Cave before descending to our cars.

Then drive along Tafelberg Road to the barricade and park our vehicles. We will then hike beyond the barricade to another intrusive contact, on past the scene of a dangerous debris flow (landslide), below an angular unconformity to the excellent road cutting in the Graafwater Formation at the base of the Table Mountain Group, and then on to Second Waterfall to view two angular unconformities and a fault.

Enjoy the beautiful views with our packed lunches under the cork-oak trees which are located above Woodstock and below Woodstock Cave, a few hundred metres beyond the end of the tarred road.

**Homework:** Google any of the terms not understood in order to facilitate discussions on the outcrop.

**Contact person**: if you have any questions or queries or get lost, contact David Broad on 082 441 9944 or at davepam@telkomsa.net .