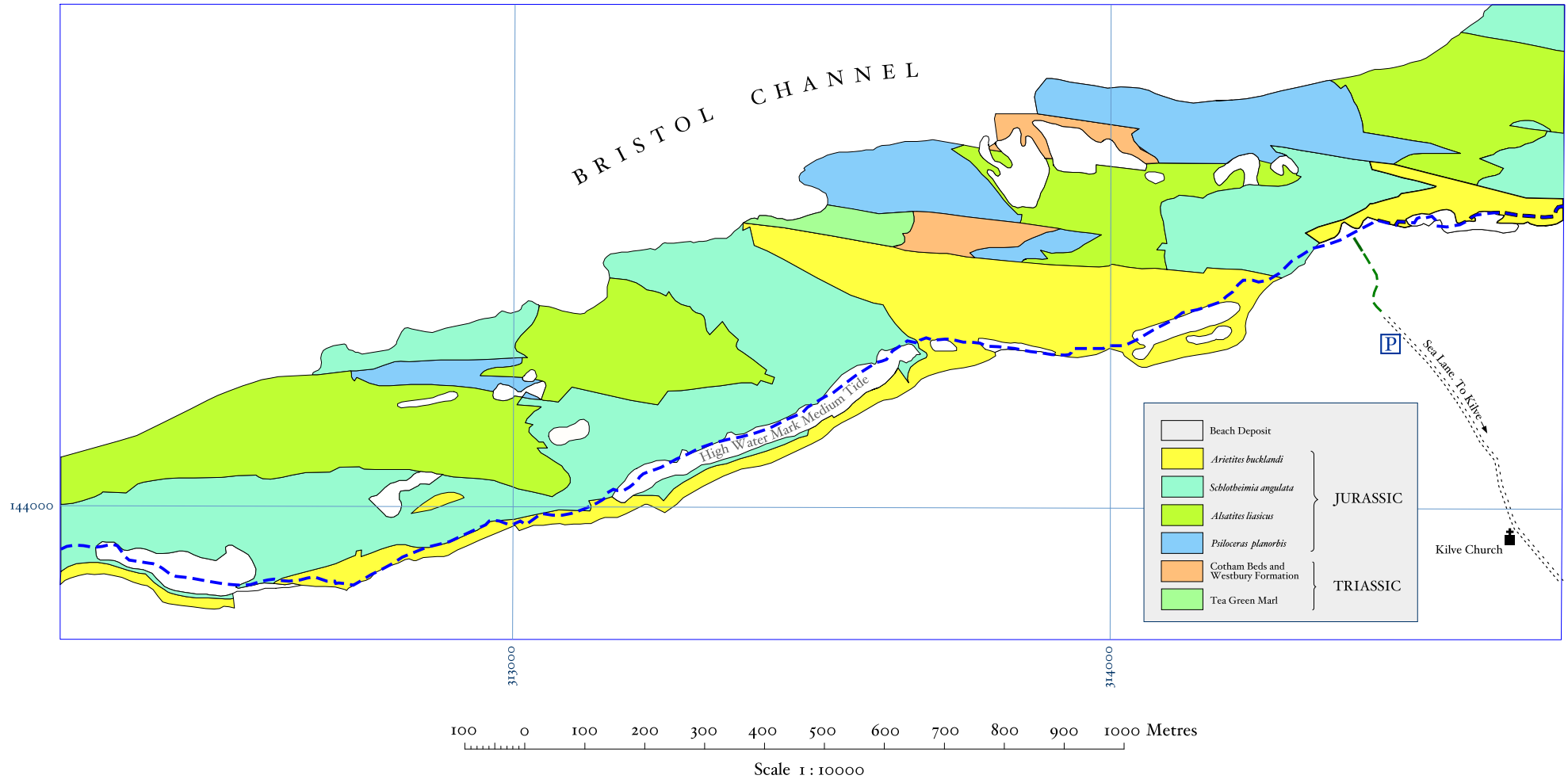


Simplified Geology of the Intertidal Zone at Kilve, Somerset



THE REEFS uncovered at low tide at Kilve in the English county of Somerset allow exposures of four Jurassic Blue Lias ammonite zones to be examined. At Kilve the Blue Lias is highly fossiliferous and comprises hard white stone bands with associated blue-grey shales. Within the area covered by the map smaller exposures of Triassic Tea-Green Marl and the Cotham Beds strata may also be viewed.

The tidal range in the vicinity of Kilve is large, in the order of eight or nine metres. The lowest tides occur at about mid-day a day or two after a new moon or a full moon.

The geological data shown on the map was derived from British Geological Society's Sheet number 279. The original sheet shows detail such as strike, dip and faulting which in the interests of clarity has been omitted here.

The map will print to scale on A4 paper. For GPS-users who might wish to georeference the map its extents are: left x = 312245, right x = 314755, top y = 144840, bottom y = 143780. The coordinate system is OSGB 36 (the OS National Grid). For compass users, for the area covered by the map magnetic north is currently about two degrees west of grid north.