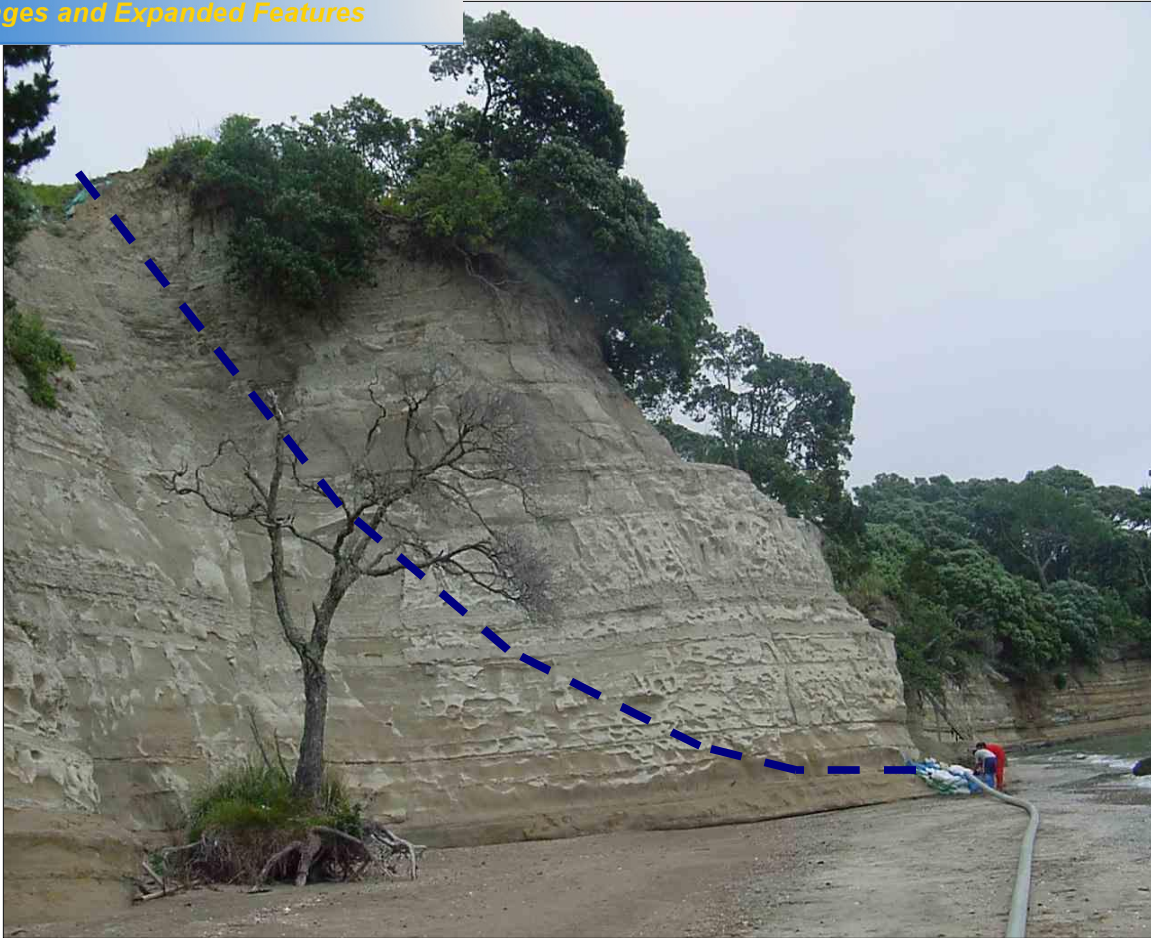


Drilled to meet ARC requirement.



Smythe Contractors were approached to drill and install a 150mm diameter stormwater outfall on Auckland's North Shore. The Auckland Regional Council required a curve in the outfall to safe guard against future cliff erosion and the exit point was critical to within a 100mm tolerance. The ground profile was surveyed and a computer bore plan produced. The entry angle was 45° and by closely following the bore plan the pilot bore was achieved on target and within 50mm tolerance.



Stormwater outfalls are normally installed in a straight line because it is presumed too difficult to achieve a curve accurately. Curved outfalls have the benefit of reducing erosion in the marine environment by slowing the speed of the water and aiming the force of the water away from the soft sediments on the beach.

Smythe Contractors services include-

Directional Drilling, Directional Rock Drilling, Micro tunnelling, thrusting, pipe ramming, slip lining, pipe bursting, Landslip correction, trenching, Drain laying, Sewers, Ducts, Cables, the complete job.

Breaking new ground every day