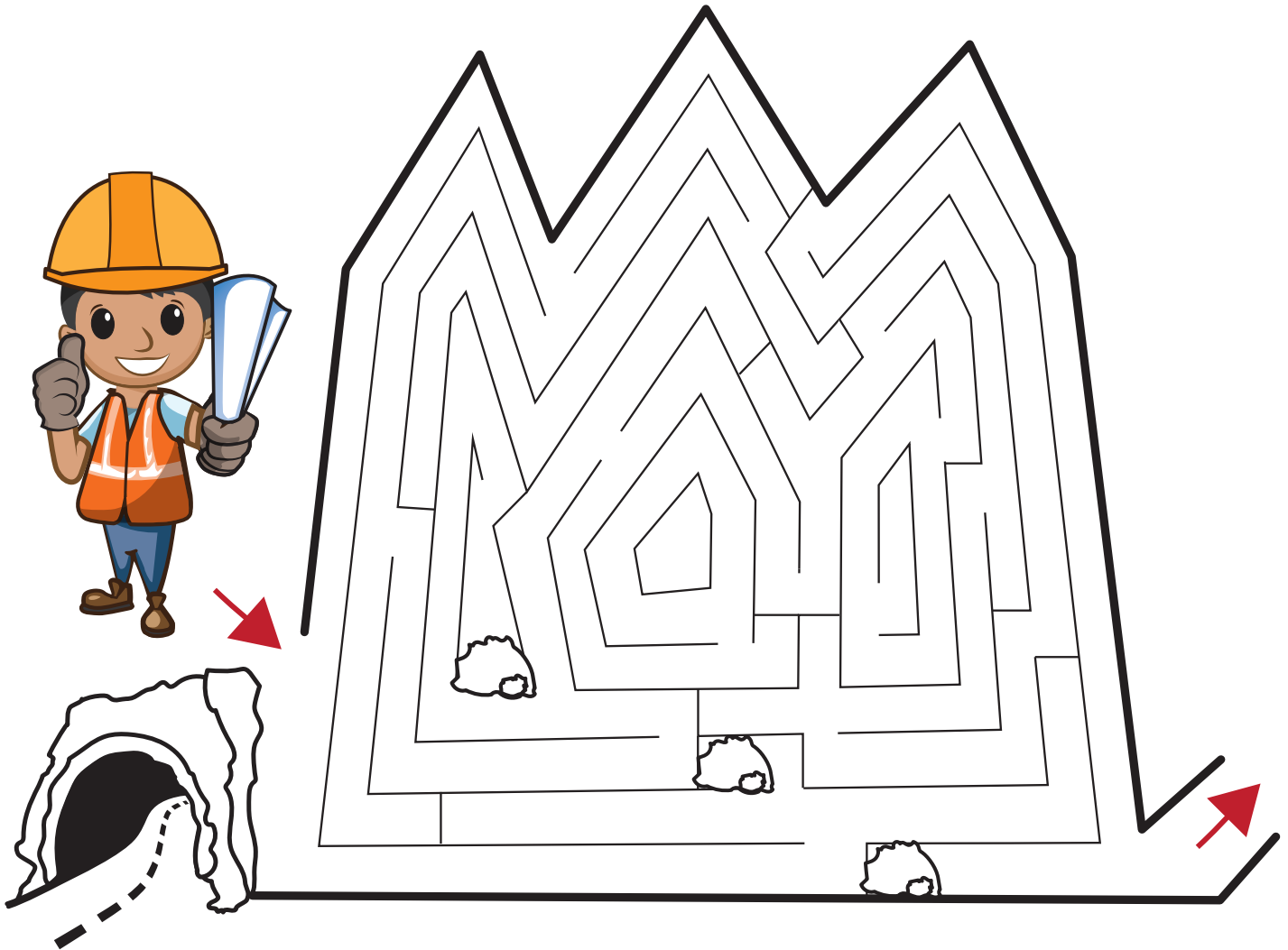


*Help Geotechnical Engineer Joe find the best route to build the tunnel through the mountain*



Geotechnical engineers are a type of civil engineer that, among other things, study and report on the best route of a proposed tunnel using data from soil and rock samples. This report would help determine the form of tunneling used by the construction team: blasting for hard ground, or excavation for soft ground, where a tunnel-boring machine might be used. Sometimes if they come across a large boulder in the soft ground that could mean trouble, so a different route is selected.