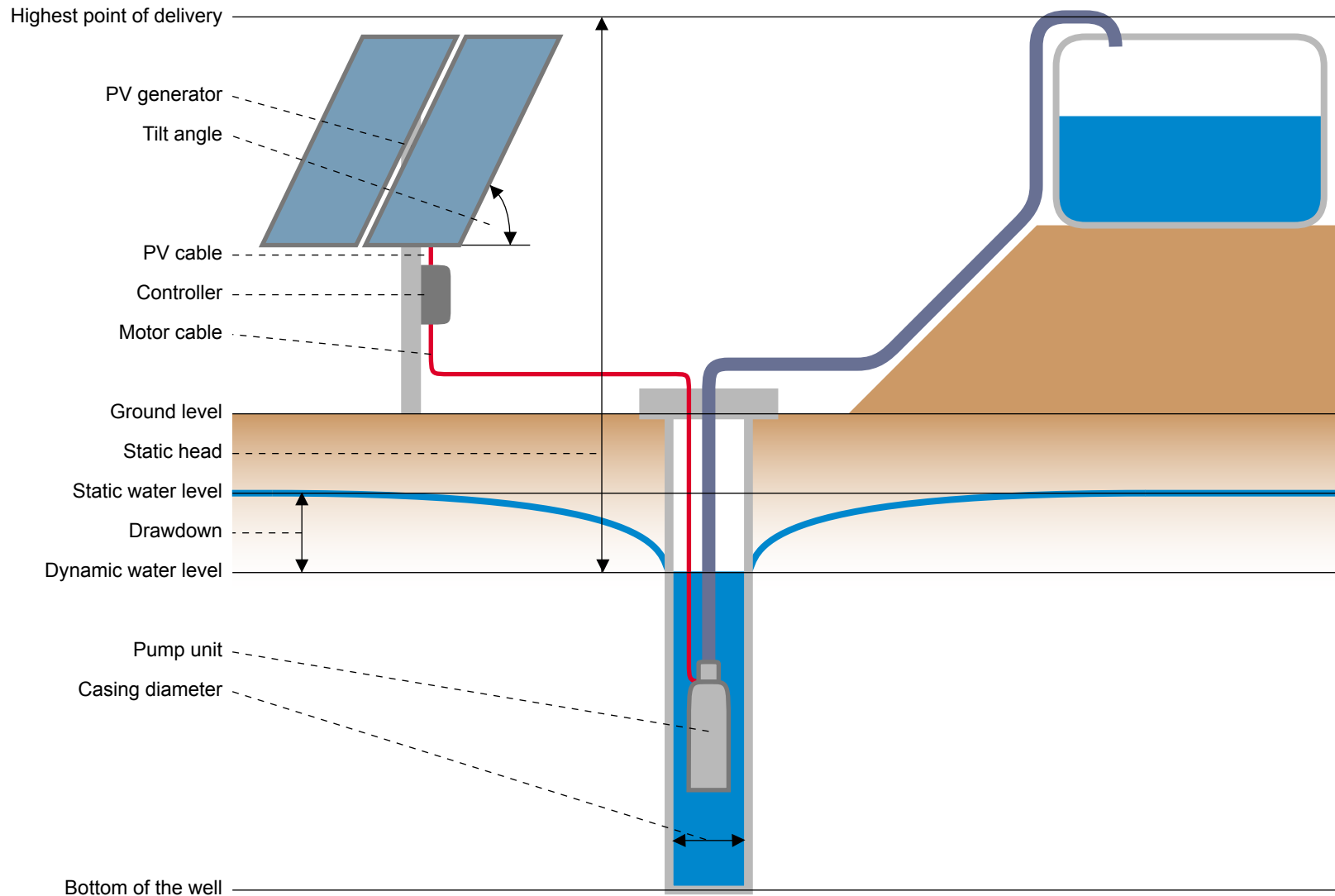


Solar pump layout sketch



Total Dynamic Head (TDH): Static head plus friction losses.

Static head: Vertical height from the dynamic water level to the highest point of delivery.

Friction losses: Pressure losses in the pipeline as height of a water column with the equivalent pressure. Proportional to the length, diameter, surface of the pipe and the square of the flow rate.

Pump unit: Pump end and motor.

Motor cable length: Cable length from the pump unit to the controller.

PV cable length: Cable length from the controller to the PV generator

Pipe length: Complete pipe length from the pump unit to the point of delivery

Tilt angle: Angle between the PV generator pane and the horizontal pane.