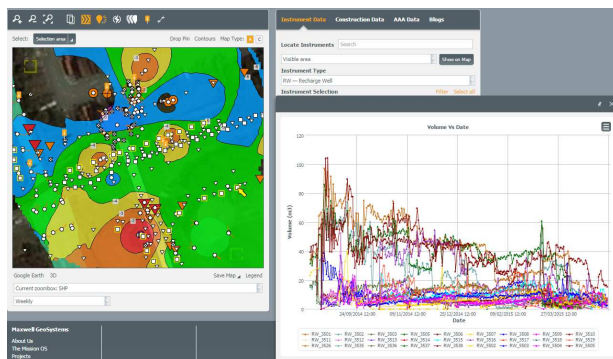




## JOB PROFILE

## SPPA JURONG CABLE TUNNEL

*MISSION<sup>OS</sup> employed to provide management of construction and instrumentation data*



*Maxwell GeoSystems worked with Singapore Power PowerAssets to provide an instrument data management system for the construction of the Jurong Cable tunnel.*

*The project consisted of 3 main shafts with approximately 5km of tunnelling, and SPPA desired to have a transparent tool to aid collaboration between all parties. Of major concern to SPPA was the control of groundwater in the Jurong Formation.*

*Maxwell GeoSystems implemented the MissionOS system to assist in the control of groundwater monitoring and recharging as well as construction control and collaboration.*

*Regular instrumentation meetings were held where a review of the ground water response to construction, and the instrumentation readings was carried out and make informed decision on the control of the recharge system.*

*The project had a very tight timeline and therefore downtime had to be reduced as far as possible. By giving everyone access to vital information in a timely manner, mission critical decision could be made to ensure that the programme was adhered to as closely as possible. Providing a single source of truth for all investigation data (borehole data, instrumentation data as well as construction progress data) the different parties on the project had the information available immediately to make informed decisions.*