Located on Lake Mackay in Western Australia, the project recovers potassium and sulfate rich salts from an on-lake trench system and uses a series of solar evaporation ponds are used to remove sodium chloride and crystallize the more valuable salts. Salts are recovered from the ponds as a slurry and directed to a processing plant for beneficiation to ultimately produce 426,000 metric tonnes of fertilizer grade Sulfate of Potash (SOP) per year.

NOVOPRO has been mandated to carry out a comprehensive Process review including ponds including reviewing the existing process testwork, pilot pond design and process design in order to develop new testwork programs as well as complete the Metsim modelling for the overall process, pilot and commercial ponds and the mass balance.

This phase will be followed up with a full feasibility study which Novopro will participate in.