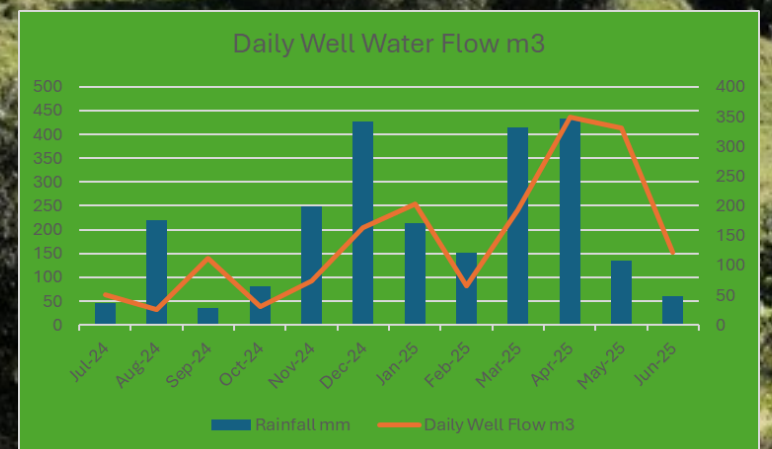


# Using Sub-Surface Drainage and Wells to Stabilise Landslip Prone Slopes

- Landslips cause significant agricultural and water quality issues.
- Vegetation alone will not stabilise landslips. Drainage works are required for long term stabilisation.
- Innovative shallow wells and connecting sub-surface drains intercept water in the soil profile, then transferring to well formed stable waterways or stored and used for stock water.
- Wells dry the soil profile, reducing soil water pressure and the sheer stresses that contribute to slope failure.
- Water flow volumes have been measured showing the correlation between rainfall and water captured (50,000 m<sup>3</sup> per annum).
- Wells are a medium term solution, that when combined with revegetation provide long term stability.



Water Flow

