

AGRICULTURE

COMPACTION OF WATER STORAGES & CHANNEL BANKS, BOURKE & BREWARRINA, N.S.W.



VARIOUS PROPERTIES

Client:	Clyde Agriculture
Location:	Bourke & Brewarrina, N.S.W. (Australia)
Machine:	BH-1300 (8t module)
Scope of Project:	Started in 2000 & remains ongoing but in excess of 6 million square metres of storage floor & 100km of channel banks & storage walls.
Details of Project:	Heavy clay soils swell & shrink opening up cracks which result in leakage. Additionally, poorly compacted banks during construction can lead to excessive leakage and/or failure & add significantly to the cost of irrigation.
Performance:	Surface compaction on the floor of the storages with as little as 10 passes has been proven to reduce permeability. Treatment of channel banks & storage walls have improved in-situ density and reduced the likelihood of leakage and/or failure.