

AGRICULTURE

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



MARTHAGUY IRRIGATION SCHEME

Client:	Marthaguy Irrigation
Location:	Warren, N.S.W. (Australia)
Machine:	BH-1300 (8t module)
Scope of Project:	Marthaguy Irrigation Scheme manages around 75km of channels constructed from silty clay around 1m high and 12m wide.
Details of Project:	Water loss through seepage in channel banks is a major concern for irrigation authorities. Impact Roller was used to induce settlement & improve compaction.
Performance:	Infiltration testing indicated 210mm/hr loss before treatment with the Impact Roller was reduced to nil with just 5 passes. Settlement in excess of 175mm was achieved in some cases.