

BROONS

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.

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