

MINING

PROOF ROLLING TAILINGS DAM, LAWN HILL, QLD



CENTURY ZINC MINE

Client:	Cooks Construction
Location:	Lawn Hill, Queensland (Australia)
Machine:	BH-1300 (8t module)
Scope of Project:	Several tailings dams ranging from 50m to 1000m in length & varying in height from 5m to 30m, storage capacity will be 56 million cubic metres of tailings when complete.
Details of Project:	Century Mine is one of the largest zinc mines in the world. Concerns about the in-situ densities of the earth fill resulted in the consultant specifying the completed layers to be proof rolled prior to the placement of the next layer.
Performance:	Proof Rolling the completed layers previously compacted with vibrating rollers ensured absolute confidence in the integrity of the dam, soft spots were identified and treated.