

Appendix I –Construction Certification

Form of certification – Construction

Name of Registered Professional Engineer providing certification:

Iain Lonie

Address of Registered Professional Engineer providing certification:

c/- GHD Pty Ltd, 145 Ann Street, Brisbane Queensland 4000

Statement of relevant experience

I hereby state that I am a Registered Professional Engineer of Queensland and meet the requirements of the definition of 'suitably qualified and experienced person'.

Statement of certification

All relevant material relied upon is provided in the attached report **Construction of the Coppabella Mine Return Water Dam Decant Structure and Pipeline – Revision 0 dated April 2014**.

Based on the data presented to me (**as built drawings, construction test results, site construction photographs, signoffs on hold points**) and site inspections (Site visits by Nigel Forbes on the 28/11/2013, 03/12/2013 to 04/12/2013, 10/12/2013, 12/12/2013 to 13/12/2013, 17/12/2013 to 19/12/2013, 23/12/2013 to 24/12/2013, 30/12/2013 to 31/12/2013, 09/01/2014, 21/01/2014 to 22/01/2014, 29/01/2014 and Iain Lonie on 03/12/2014) within the limitations afforded by the board of professional engineers. I hereby certify that the **construction report** entitled **Construction of the Coppabella Mine Return Water Dam Decant Structure and Pipeline – Revision 0 dated April 2014**:

- the construction documentation has been prepared based upon appropriate methodology and assumptions, inspections at specified hold points and the attached report addresses the relevant aspects,
- provided that the field and laboratory tests undertaken during construction are consistent for all areas of the embankment,
- provided inspectors and supervisors have ensured specifications have been met for all hold points and QA checks,
- provided that the following tasks are undertaken:
 - annual inspections are carried out in accordance with EHP regulations,
 - the pond is operated and maintained in accordance with the Operation and Methodology for the Return Water Decant, and
 - regular surveillance inspections are carried out including routine inspections by the Operator and annual inspections by a Registered Professional Engineer with relevant experience in dams as required by EHP to identify any dam safety or containment issues.

The board of professional engineers Queensland provides strict guidance on the limitations of any RPEQ certification. These limitations include works that were not directly supervised by the signing RPEQ. This certification therefore is limited to the data presented to me as listed above and to the inspections (undertaken by Nigel Forbes on the 28/11/2013, 03/12/2013 to 04/12/2013, 10/12/2013, 12/12/2013 to 13/12/2013, 17/12/2013 to 19/12/2013, 23/12/2013 to 24/12/2013, 30/12/2013 to 31/12/2013, 09/01/2014, 21/01/2014 to 22/01/2014 and 29/01/2014 and myself on 03/12/2014).

I, Iain Lonie, declare that the information provided as part of this certification is true to the best of my knowledge. I acknowledge that it is an offence under Section 480 of the Environment Protection Act 1994 to give the administering authority a document containing information that I know is false, misleading or incomplete in a material particular.

Signed


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I. Lonie

RPEQ No. 11873.....

Date 17 April 2014