

11 September, 2015

Integra Civil,
P.O Box 1044,
BENDIGO CENTRAL, VIC 3355

Ref: 114257
B160-B211

Dear Sirs,

RE: Testing – Lucas Estate, Stage B5, Alfredton

We were commissioned by Liam Gibcus of Integra to provide density testing on excavated areas within the footprint of the proposed House Lots at Lucas Estate, Stage B4, Alfredton.

We can confirm that our involvement was limited to \pm Level 1qas specified in AS 3798 . 2007.

The Standard describes \pm Level 1qas follows-

The primary objective of Level 1 Inspection and Testing is for the geotechnical inspection and testing authority (GITA) to be able to express an opinion on the compliance of the work. The GITA is responsible for ensuring that the inspection and testing is sufficient for this purpose+.

All density testing exceeded the requirement of 95% standard density ratio as specified in Table 5.1 of AS 3798 . 2007. On occasions where the density ratio failed to meet this requirement, the area was re-worked and re-tested.

The testing commenced between 1.2-0.3m below finished fill level and extended to finished fill level. The levels given in the reports are approximate levels and some small variation in levels may be expected over each individual lot.

The Level 1 Inspections and Testing covers house lots 401-432 & 434-443 only. All reports and inspections completed for each individual house lot at Stage B5 can be seen on the attached table.

Based on the inspection and testing carried out by this office as detailed above, the fill placed on the above mentioned lots satisfies the requirements of AS 3798 SECTION 8.2 and therefore can be categorised as controlled fill.

Should any point remain in doubt please do not hesitate to contact us.

Yours faithfully,



Daniel Gunn
BALLARAT MANAGER
A.S.JAMES