



CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1501

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1501 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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The anticipated geology and the foregoing description of the underlying materials was generally confirmed by site observations (eg observations of excavations for service trenches and the like) undertaken during construction of the subdivision.

Civil Geotechnical Services

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Peter Fry



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4 March 2015

Our Reference: 14334:PJF1977/1502

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1502 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1503

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1503 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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4 March 2015

Our Reference: 14334:PJF1977/1504

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1504 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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Our Reference: 14334:PJF1977/1505

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1505 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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Our Reference: 14334:PJF1977/1506

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1506 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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4 March 2015

Our Reference: 14334:PJF1977/1507

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1507 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1508

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1508 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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Our Reference: 14334:PJF1977/1509

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1509 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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Our Reference: 14334:PJF1977/1510

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1510 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1511

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1511 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1512

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1512 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Our Reference: 14334:PJF1977/1513

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1513 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Peet Ltd
Level 3 492 St Kilda Road
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Dear Sirs,

RE: LOT 1514 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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RE: LOT 1515 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

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The Sunbury sheet of the Geological Survey Maps of Victoria shows the above site to be underlain by Quaternary aged basalt. These materials essentially comprise a near surface stratum of high plasticity clays that exhibit relatively high shrink-swell surface movements when subjected to changes in seasonal soil moisture content. The clays, which have been derived from the weathering of basalt flows, can vary markedly in thickness over relatively short distances. The clays are typically underlain by variably weathered basalt that can range from extremely weathered (XW) to fresh (Fr) over a very short distance. Furthermore, the thickness of the more weathered rock can also vary over short distances. Previous experience indicates that the thickness of the more weathered materials, which typically comprises a matrix of weathered rock and clay in the upper part of the stratum, can range from essentially zero to in excess of 1 metre.

The anticipated geology and the foregoing description of the underlying materials was generally confirmed by site observations (eg observations of excavations for service trenches and the like) undertaken during construction of the subdivision.

Civil Geotechnical Services

A handwritten signature in black ink, appearing to read 'Peter Fry', is written over the printed name.

Peter Fry



CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1516

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1516 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Civil Geotechnical Services

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Peter Fry



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Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1517

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1517 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1518

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1518 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1519

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1519 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1520

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1520 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1521

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1521 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1522

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1522 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1523

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1523 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Civil Geotechnical Services

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Peter Fry



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PO Box 678 Croydon Vic 3136

Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1524

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1524 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Peter Fry



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4 March 2015

Our Reference: 14334:PJF1977/1525

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1525 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Peter Fry



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4 March 2015

Our Reference: 14334:PJF1977/1526

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1526 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1527

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1527 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Civil Geotechnical Services

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4 March 2015

Our Reference: 14334:PJF1977/1528

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1528 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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4 March 2015

Our Reference: 14334:PJF1977/1529

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1529 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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Civil Geotechnical Services

A handwritten signature in black ink, appearing to read 'Peter Fry', is written over a faint, circular stamp or watermark.

Peter Fry



CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1530

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1530 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area of the allotment (ie fill placement was generally negligible).

The Sunbury sheet of the Geological Survey Maps of Victoria shows the above site to be underlain by Quaternary aged basalt. These materials essentially comprise a near surface stratum of high plasticity clays that exhibit relatively high shrink-swell surface movements when subjected to changes in seasonal soil moisture content. The clays, which have been derived from the weathering of basalt flows, can vary markedly in thickness over relatively short distances. The clays are typically underlain by variably weathered basalt that can range from extremely weathered (XW) to fresh (Fr) over a very short distance. Furthermore, the thickness of the more weathered rock can also vary over short distances. Previous experience indicates that the thickness of the more weathered materials, which typically comprises a matrix of weathered rock and clay in the upper part of the stratum, can range from essentially zero to in excess of 1 metre.

The anticipated geology and the foregoing description of the underlying materials was generally confirmed by site observations (eg observations of excavations for service trenches and the like) undertaken during construction of the subdivision.

Civil Geotechnical Services

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Peter Fry



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Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1531
Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1531 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area of the allotment (ie fill placement was generally negligible).

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The anticipated geology and the foregoing description of the underlying materials was generally confirmed by site observations (eg observations of excavations for service trenches and the like) undertaken during construction of the subdivision.

Civil Geotechnical Services

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Peter Fry



CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1532

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1532 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

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The anticipated geology and the foregoing description of the underlying materials was generally confirmed by site observations (eg observations of excavations for service trenches and the like) undertaken during construction of the subdivision.

Civil Geotechnical Services

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Peter Fry



CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724

PO Box 678 Croydon Vic 3136

Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1533

Peet Ltd

Level 3 492 St Kilda Road

MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1533 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area of the allotment (ie fill placement was generally negligible).

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Peter Fry



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4 March 2015

Our Reference: 14334:PJF1977/1534

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1534 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area across the front of the allotment (ie fill placement was generally negligible at the front of the Lot) in tandem with the placement of fill over the rear section of the allotment to achieve design surface levels. With respect to the fill materials placed across the rear sections of the site, the materials were placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

Accordingly, the fill materials would be deemed to comply with both the controlled fill requirements of Clause 1.8.13 of AS 2870 – Residential slabs and footings and the structural fill requirements of Clause 1.2.13 of AS 3798. Hence, reclassification of the filled allotments is permitted under Clause 2.5.3 (c) of AS 2870.

The Sunbury sheet of the Geological Survey Maps of Victoria shows the above site to be underlain by Quaternary aged basalt. These materials essentially comprise a near surface stratum of high plasticity clays that exhibit relatively high shrink-swell surface movements when subjected to changes in seasonal soil moisture content. The clays, which have been derived from the weathering of basalt flows, can vary markedly in thickness over relatively short distances. The clays are typically underlain by variably weathered basalt that can range from extremely weathered (XW) to fresh (Fr) over a very short distance. Furthermore, the thickness of the more weathered rock can also vary over short distances. Previous experience indicates that the thickness of the more weathered materials, which typically comprises a matrix of weathered rock and clay in the upper part of the stratum, can range from essentially zero to in excess of 1 metre.

The anticipated geology and the foregoing description of the underlying materials was generally confirmed by site observations (eg observations of excavations for service trenches and the like) undertaken during construction of the subdivision.

Civil Geotechnical Services

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Peter Fry



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4 March 2015

Our Reference: 14334:PJF1977/1535

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1535 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area across the front of the allotment (ie fill placement was generally negligible at the front of the Lot) in tandem with the placement of fill over the rear section of the allotment to achieve design surface levels. With respect to the fill materials placed across the rear sections of the site, the materials were placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

Accordingly, the fill materials would be deemed to comply with both the controlled fill requirements of Clause 1.8.13 of AS 2870 – Residential slabs and footings and the structural fill requirements of Clause 1.2.13 of AS 3798. Hence, reclassification of the filled allotments is permitted under Clause 2.5.3 (c) of AS 2870.

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Civil Geotechnical Services


Peter Fry



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4 March 2015

Our Reference: 14334:PJF1977/1536

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1536 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area across the front of the allotment (ie fill placement was generally negligible at the front of the Lot) in tandem with the placement of fill over the rear section of the allotment to achieve design surface levels. With respect to the fill materials placed across the rear sections of the site, the materials were placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

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Civil Geotechnical Services

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Peter Fry



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PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1537

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1537 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area across the front of the allotment (ie fill placement was generally negligible at the front of the Lot) in tandem with the placement of fill over the rear section of the allotment to achieve design surface levels. With respect to the fill materials placed across the rear sections of the site, the materials were placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

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Civil Geotechnical Services

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Peter Fry



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Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1538

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1538 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area across the front of the allotment (ie fill placement was generally negligible at the front of the Lot) in tandem with the placement of fill over the rear section of the allotment to achieve design surface levels. With respect to the fill materials placed across the rear sections of the site, the materials were placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

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Peter Fry



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Telephone: 9723 0744 Facsimile: 9723 0799

4 March 2015

Our Reference: 14334:PJF1977/1539

Peet Ltd
Level 3 492 St Kilda Road
MELBOURNE VIC 3004

Dear Sirs,

RE: LOT 1539 OF ASTON ESTATE (STAGE 15), CRAIGIEBURN

Winslow Constructors Pty Ltd is currently constructing a residential subdivision (referred to as Stage 15 of the Aston Estate) which is located to the south of Craigieburn Road in Craigieburn (Melways Reference Map 386 B9). As part of the subdivisional works, Civil Geotechnical Services were engaged by Winslow Constructors to provide inspection and testing services for the bulk earthworks associated with the construction of the residential allotments. Any testing and inspection services were to be undertaken in accordance with the Level 1 requirements of AS 3798 – Guidelines on earthworks for commercial and residential developments.

Construction of the Lot noted above essentially involved a minor grade and shape exercise to recontour the surface area across the front of the allotment (ie fill placement was generally negligible at the front of the Lot) in tandem with the placement of fill over the rear section of the allotment to achieve design surface levels. With respect to the fill materials placed across the rear sections of the site, the materials were placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

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Civil Geotechnical Services

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