## **Appendix A:** Figures

SCALE (A3) 1:25,000

,000 FIG No. HG-F1

REV 1



Aerial photo sourced from Auckland Council GIS Website.

Property boundaries sourced from Land Information New Zealand data as at 16-Feb-2017 (Crown Copyright Reserved).

| PROJECT No. | 1005069.113 |                  |  |
|-------------|-------------|------------------|--|
| DESIGNED    | TC          | Sep.18<br>Sep.18 |  |
| CHECKED     | TORY        | Sep. 18          |  |
|             |             |                  |  |

CLIENT WASTE MANAGEMENT NZ LTD
PROJECT AUCKLAND REGIONAL LANDFILL

TITLE HYDROGEOLOGICAL ASSESSMENT SITE INVESTIGATION LOCATIONS

REV 1

SITE INVESTIGATION LOCATIONS

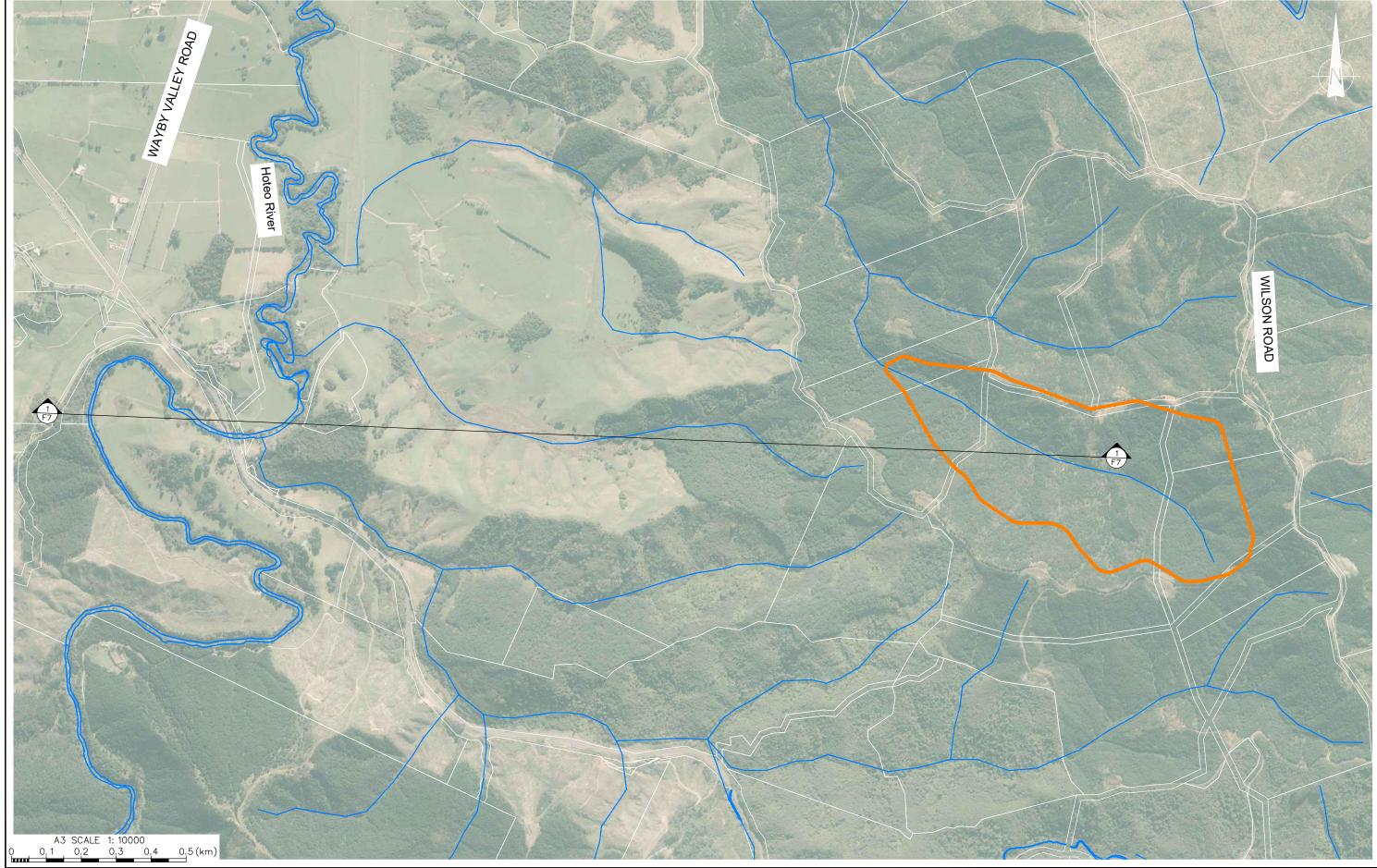
SCALE (A3) 1:10,000 FIG No. HG-F2

Property boundaries sourced from Land Information New Zealand data as at 16-Feb-2017 (Crown Copyright Reserved).

SCALE (A3) 1:30,000

FIG No. HG-F5

REV 1





Aerial photo sourced from Auckland Council GIS Website.
Property boundaries sourced from Land Information New Zealand data as at 16-Feb-2017 (Crown Copyright Reserved).

| CLIE  |         | 1005069 | PROJECT No. |
|-------|---------|---------|-------------|
| PROJE | Sept.18 | LP      | DESIGNED    |
|       | Sept.18 | RBS     | DRAWN       |
| TIT   |         |         | CHECKED     |

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OJECT AUCKLAND REGIONAL LANDFILL

TITLE HYDROGEOLOGICAL ASSESSMENT SECTION LOCATION PLAN

SCALE (A3) 1:10,000

1:10,000 FIG No. HG-F6

REV 1



- Recharge to groundwater is estimated to be 10% of rainfall (subject to further review of rainfall and groundwater levels).
- Groundwater levels and geological profiles have been inferred.
- Annual volumetric rainfall is approximately 1.6Mm³ for the valley 1 catchment. Recharge of groundwater in the upper Pakiri formation is estimated to be 10% of rainfall.
- Estimated groundwater recharge in valley1 catchment of 160,000<sup>m</sup>/yr.
- 8. Perched groundwater within residual soil at the interface with highly/moderately weathered rock.

|    |         | 1005069 | PROJECT NO. |
|----|---------|---------|-------------|
| PF | Sept.18 | LP      | DESIGNED    |
|    | Sept.18 | TORY    | DRAWN       |
|    |         |         | CHECKED     |
| Ī  |         |         |             |

PROJECT AUCKLAND REGIONAL LANDFILL

FIG No.

HG-F7

REV 1

TITLE HYDROGEOLOGICAL ASSESSMENT

CROSS SECTION

SCALE (A3) 1:10000 H

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