1. The increased Potential for Elevated Groundwater map shows those areas within the London Boroughs where there is an increased potential for groundwater to rise sufficiently to interact with the ground surface or be within 2m of the ground surface. Such groundwater rise could lead to the following consequences:

   - flooding of basements of buildings below ground level;
   - inundation of farmland, roads, commercial, residential and amenity areas;
   - flooding of ground floors of buildings above ground level; and
   - overflowing of sewers and drains.

2. Incident records shown are generally unconfirmed and may include issues such as water main bursts or non-groundwater related problems.

3. Areas not shown to have increased potential for elevated groundwater should be considered to have a low potential for elevated groundwater.

   - Lack of information does not imply 'no potential' of elevated groundwater in that area.

Notes

1. The increased Potential for Elevated Groundwater map shows those areas within the London Boroughs where there is an increased potential for groundwater to rise sufficiently to interact with the ground surface or be within 2m of the ground surface. Such groundwater rise could lead to the following consequences:
   - flooding of basements of buildings below ground level;
   - inundation of farmland, roads, commercial, residential and amenity areas;
   - flooding of ground floors of buildings above ground level; and
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   - Lack of information does not imply 'no potential' of elevated groundwater in that area.


Legend

- Increased Potential for Elevated Groundwater
- Consolidated Aquifer
- Permeable Superficial Deposits
- Groundwater Flood Incident (EA records)
- LB Bromley Administrative Boundary

London Borough of Bromley

Preliminary Flood Risk Assessment

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Increased Potential for Elevated Groundwater Map
(map 2 of 3)

MAP 5.3

Consultants
Halcrow Group Limited
Elms House
43 Brook Green
Hammersmith
London
W6 7EF

Drain London Programme Board Members
1. The Increased Potential for Elevated Groundwater map shows those areas within the London Boroughs where there is an increased potential for groundwater to rise sufficiently to interact with the ground surface or be within 2m of the ground surface. Such groundwater rise could lead to the following consequences:
- Flooding of basements of buildings below ground level;
- Flooding of buried services or other assets below ground level;
- Inundation of farmland, roads, commercial, residential, and amenity areas;
- Flooding of ground floors of buildings above ground level; and
- Overflowing of sewers and drains.
2. Incident records shown are generally unconfirmed and may include issues such as water main bursts or non-groundwater related problems.
3. Areas not shown to have increased potential for elevated groundwater should be considered to have a low potential for elevated groundwater.
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Legend

- Increased Potential for Elevated Groundwater
- Consolidated Aquifer
- Permeable Superficial Deposits
- Groundwater Flood Incident (EA records)
- LB Bromley Administrative Boundary

Notes

- CONSOLIDATED AQUifers
- PERMEABLE SUPERFICIAL DEPOSITS
- "GROUNDWATER FLOOD INCIDENT (EA RECORDS)
- LB BROMLEY ADMINISTRATIVE BOUNDARY

London Borough of Bromley

Preliminary Flood Risk Assessment

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Scale at A3 1:50,000
Date 13/04/2011
Drawn by H.Winter
Approved by I.Falstead

Increased Potential for Elevated Groundwater Map
(map 3 of 3)

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MAP 5.3