

Lost River Westbourne trail

LONDON

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PARTNERSHIP

Diana Clements 1 October 2023 St. Margaret's School

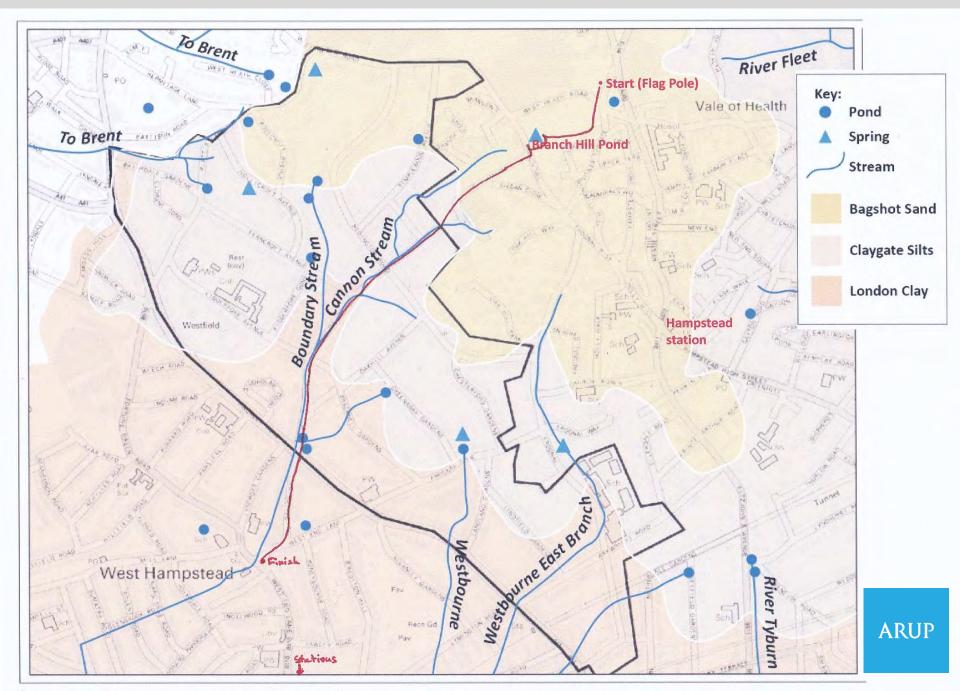


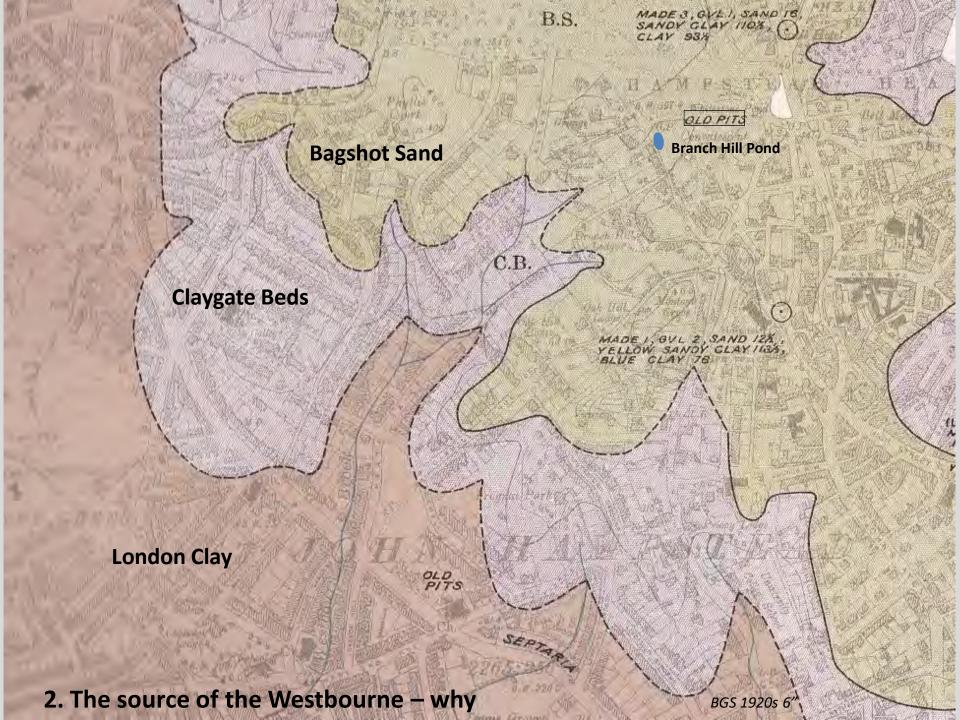
Lost River Westbourne trail

- 1. The source of the Westbourne where
- 2. The source of the Westbourne why
- 3. Daylighting

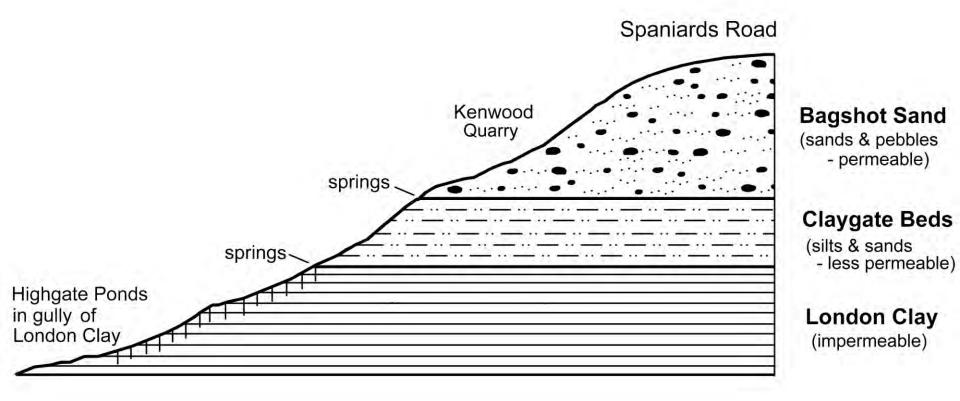
- The Branch Hill Pond in Constable's Day
 The Branch Hill Pond today
- 6. Future plans

1. The source of the Westbourne - where





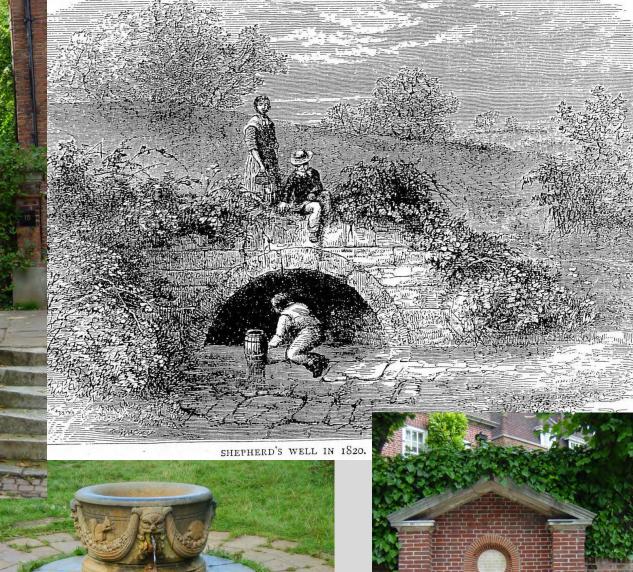
Spring lines around Hampstead Heath





Chaleabeate water Hampstead Wells Goodison Fountain

Sweet water Shepherd's Well 1820 Well Head, Fitzjohn's Av



Quote re Hampstead Spa water

Mr. Bliss analysed the "simple carbonated chalybeate in 1802, the following solid particles are present: oxyd of iron, muriate of magnesia, sulphate of lime, muriate of soda and silex" (Park, 1814 p.61).

The health benefits were described as:

"very beneficial in all chronic diseases which arise from languor of circulation; where there is a general debility of the system, or laxity of the solids; and in all cases where tonics and gentle stimulants are required: but great circumspection is required in its exhibition where there is any organic disease, or much febrile irritation.

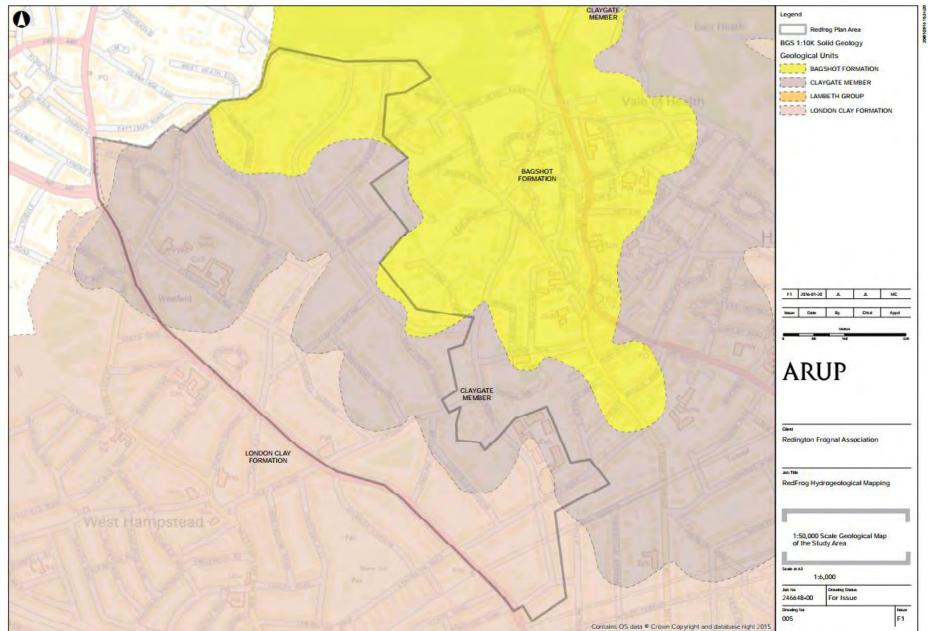
"Its action upon the kidnies renders it a powerful auxiliary in cases of dysury and gravel, and in several diseases of the urinary passages.

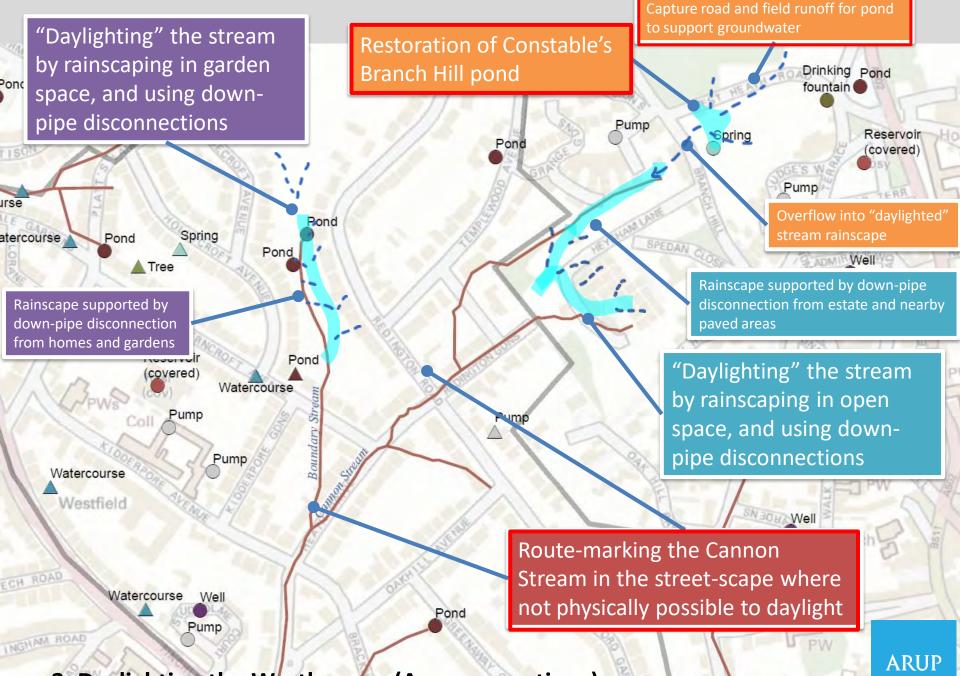
"It is also of essential service in most cutaneous affections, particularly of lepra and the different species of psoriasis, as has been noticed by the late Dr. Wills.

Elsewhere it is written that the dose should be 'no more than 1/2 - 1 pint'

Summary: The geology of the RedFrog area

A3





3. Daylighting the Westbourne (Arup suggestions)



4. Branch Hill Pond in Constable's Day

John Constable 1820-22 © Tate www.tate.org.uk/art/artworks/constable-hampstead-heath-with-harrow-in-the-distance-n01237

5. Branch Hill Pond today, June 2023 during heat wave (dug August 2022 during heat wave)



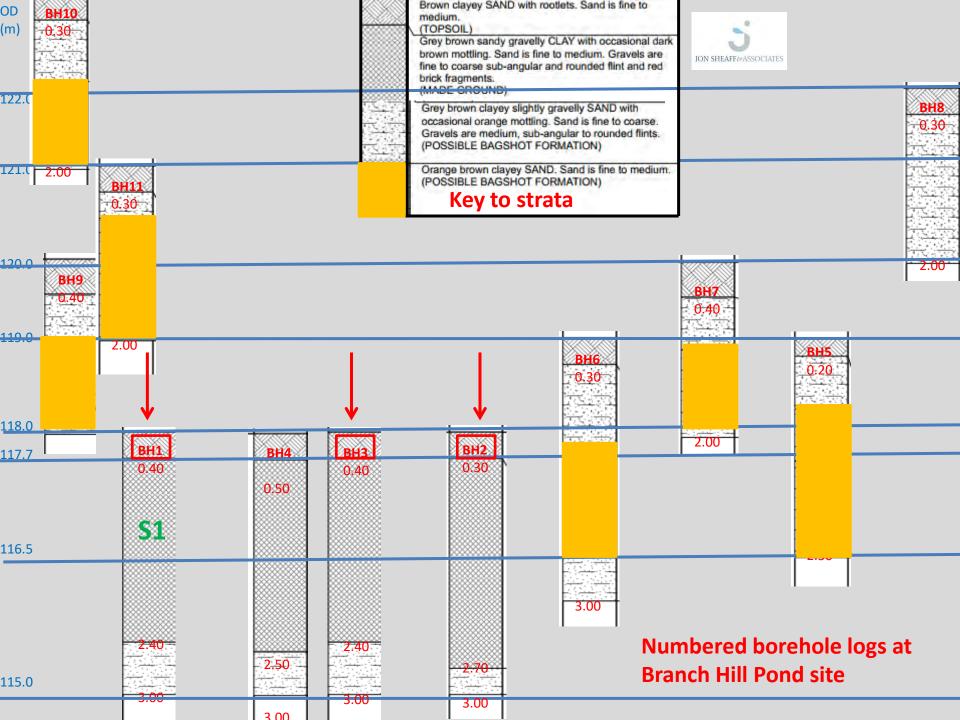
Creating refuges September 2023

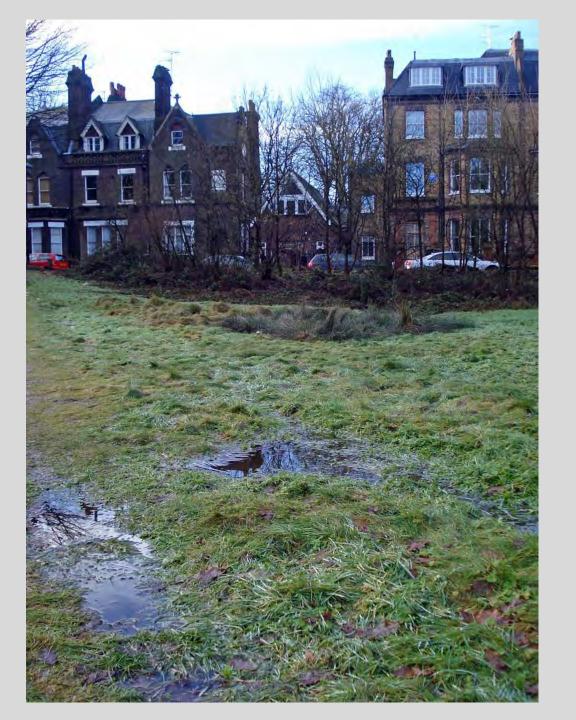




Site investigation with location of borehole logs

Note that the proposed size of the pond is reduced





Is there a spring under or close to the Branch Hill Pond?

Top surface is 118 m OD

Ponds on Sandy Heath are much the same height and are underlain by iron pan - maybe the same is true here?

6. Future Plans

Next step with the pond – a fence to keep out dogs, and planting

Dee McLean 2021

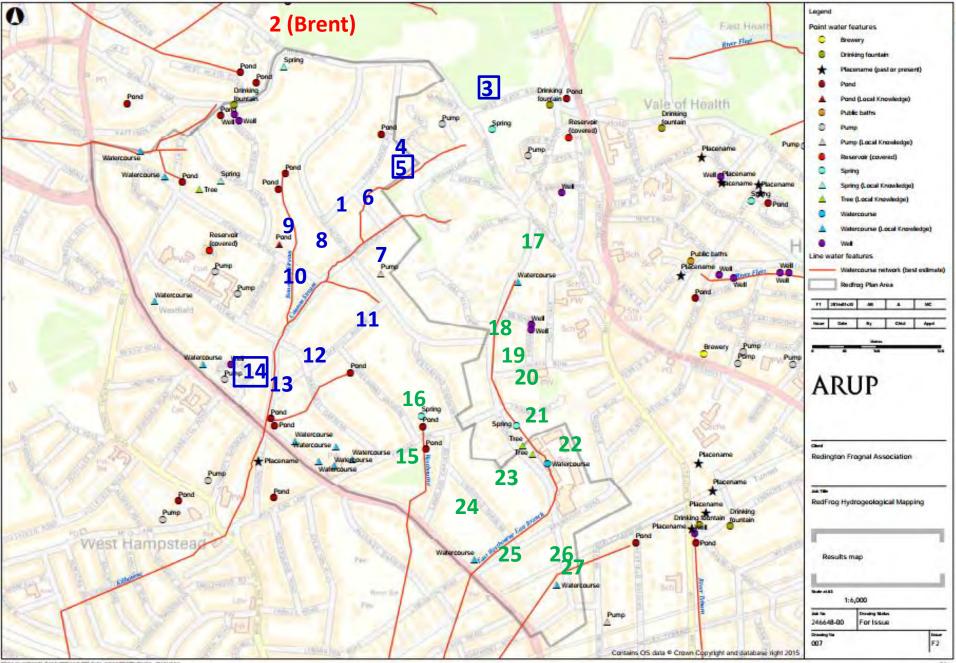


Marking the route in the RedFrog area

Glyph designed by Robin Lacey



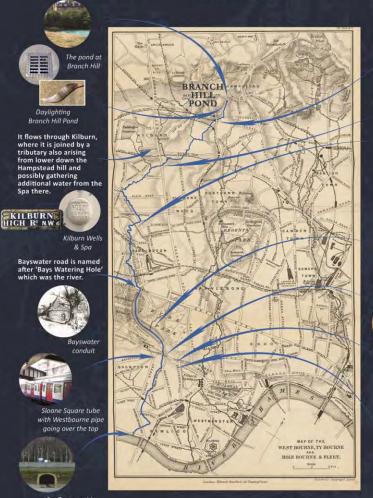
Suggested positions of Glyphs and QR codes along the routes of the Westbourne in the RedFrog area



The River Westbourne

... from the Source to the Thames

From its source at Branch Hill Pond the Cannon Stream is joined by the Boundary Stream and several other streams in the Redington Frognal area to form the Westbourne. Could the origin of the name because the stream (bourne) flows to the west from Hampstead Heath or from West End Lane or even Westbourne in the Paddington area?



Confluence with Thames

Map of the West Bourne, Ty Bourne, and Hole Bourne & Fleet 1884 Stanfords

Crossing the dip in the Finchley Road

SPRINGFIELD

ANE NW.6

At Maida Vale it

passes beneath the

Grand Union Canal

The Westbourne is

commemorated by

Westbourne Green,

between Notting Hill and Paddington.

the area around

The Serpentine Knight's Bridge KNIGHTSBRIDGE SW

"Water's Murmur

(Westbourne)

Julian Stocks.

Kinnerton Street.

Knightsbridge

Dr Rayet Borech of Bersington ent Christe PONT STREET, S.W.I

several street names in

? Waymark the entire Westbourne



Water's Murmer by Julian Stocks



Above the tube trains in a drain at Sloane Square

Board designed by Dee McLean for exhibition



GA Festival of Geology 2023

Urban Geology walks in London

Sunday 5 November

Westbourne Source Geotrail Led by Diana Clements Start time: 10.30 am

A walk down the Westbourne from it's source at the Branch Hill Pond to West End Green looking for clues about the route and the geological influences in the landscape. The walk demonstrates how geology plays a key, but hidden rôle in the local community. Why water is where it is and the impact it had and continues to have on the lives of those who live there. In 2022 the Branch Hill Pond, frequently painted by John Constable, was reinstated and is now holding water. Start higher up the hill at the Flag Pole.



Non-GA Members and Beginners welcome but booking is essential. There is a charge of £5 per person per trip

Rregister online via the GA website: www.geologistsassociation.org.uk/festival.html

Thanks

Nancy Mayo of RedFrog for inviting me to be part of this project Robin Lacey for doing much of the groundwork and designing the Glyph Dr Adam Broadhead from Arup for his initial idea of reinstating Branch Hill Pond Dee McLean for her wonderful boards for the exhibition

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