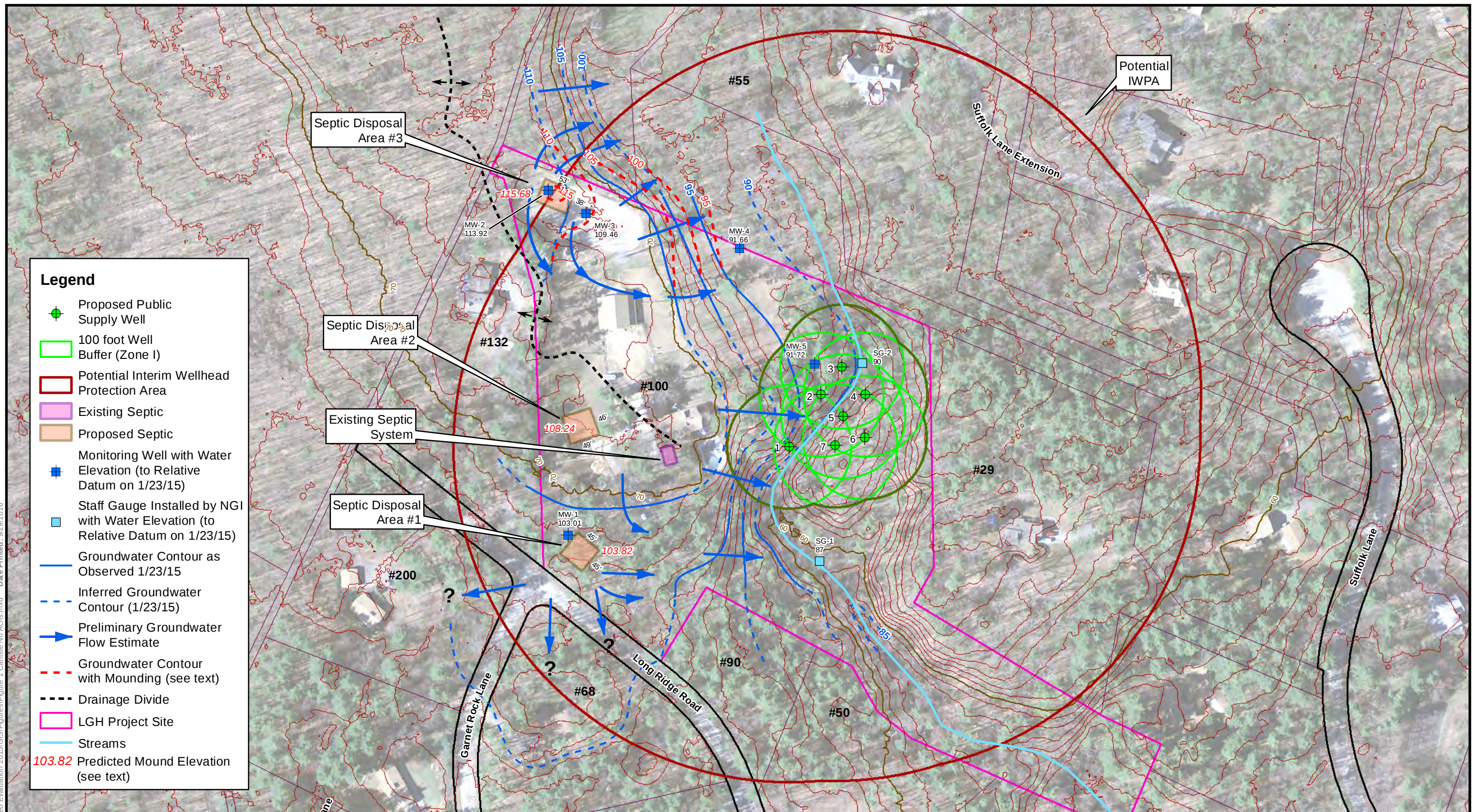

FIGURES



0 75 150 300

Feet

1 inch = 150 feet

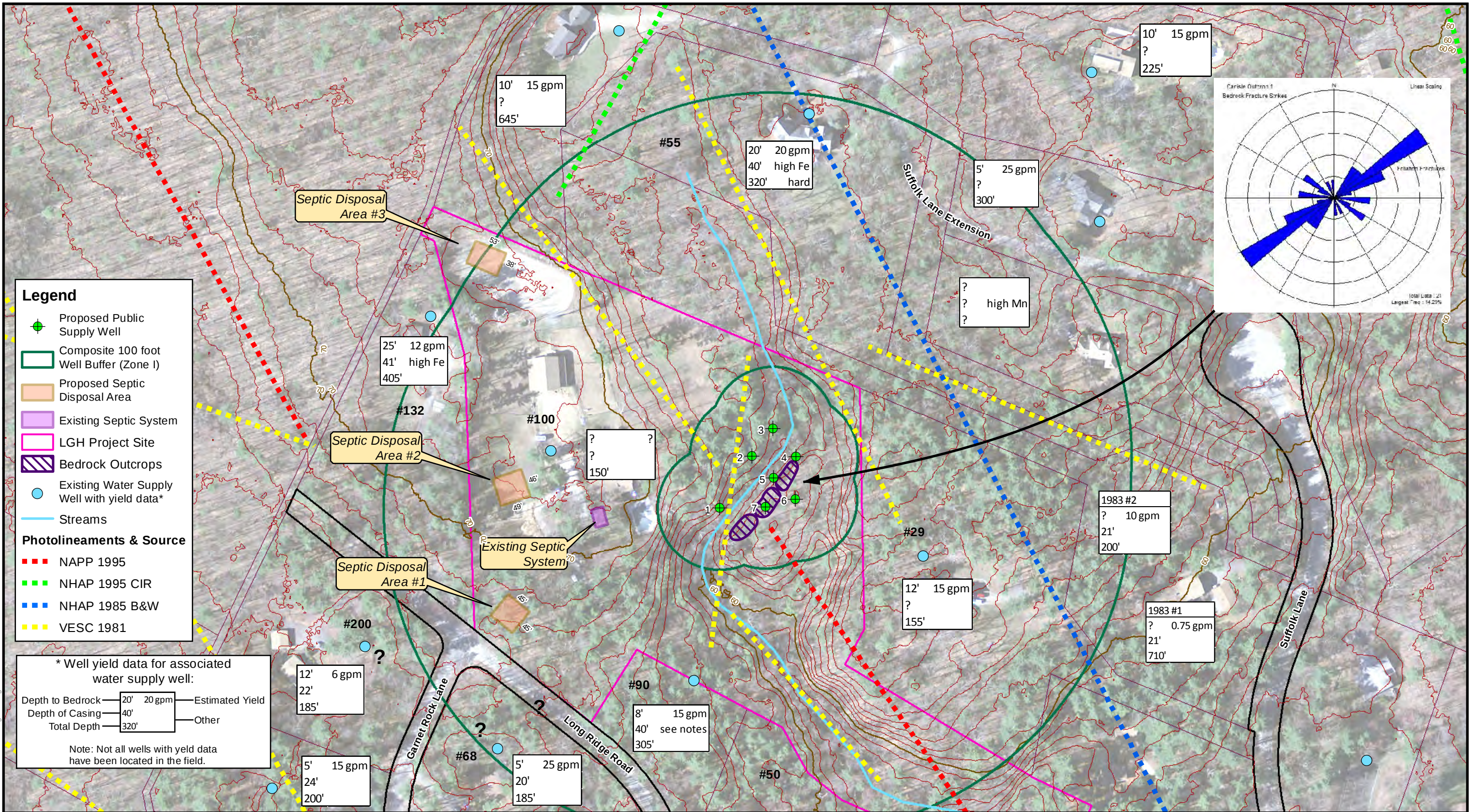


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Notes:

- Proposed well and septic locations from a plan titled 'Plan P - Public Water Supply' by Meisner Brem Corp., February 2, 2016.
- Fracture rose diagram shows bedrock fracture strikes. See Nobis 2015 Phase 2 report for explanation.

3. See Nobis Phase 2 report for photolineament explanation.

4. Assessor's parcels are from the Town of Carlisle. Aerial photography provided by ESRI. Lot line for #90 Long Ridge Road is approximate.

5. Locations of site features depicted hereon are approximate and given for illustrative purposes only.

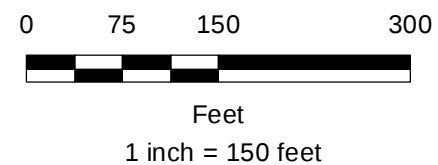
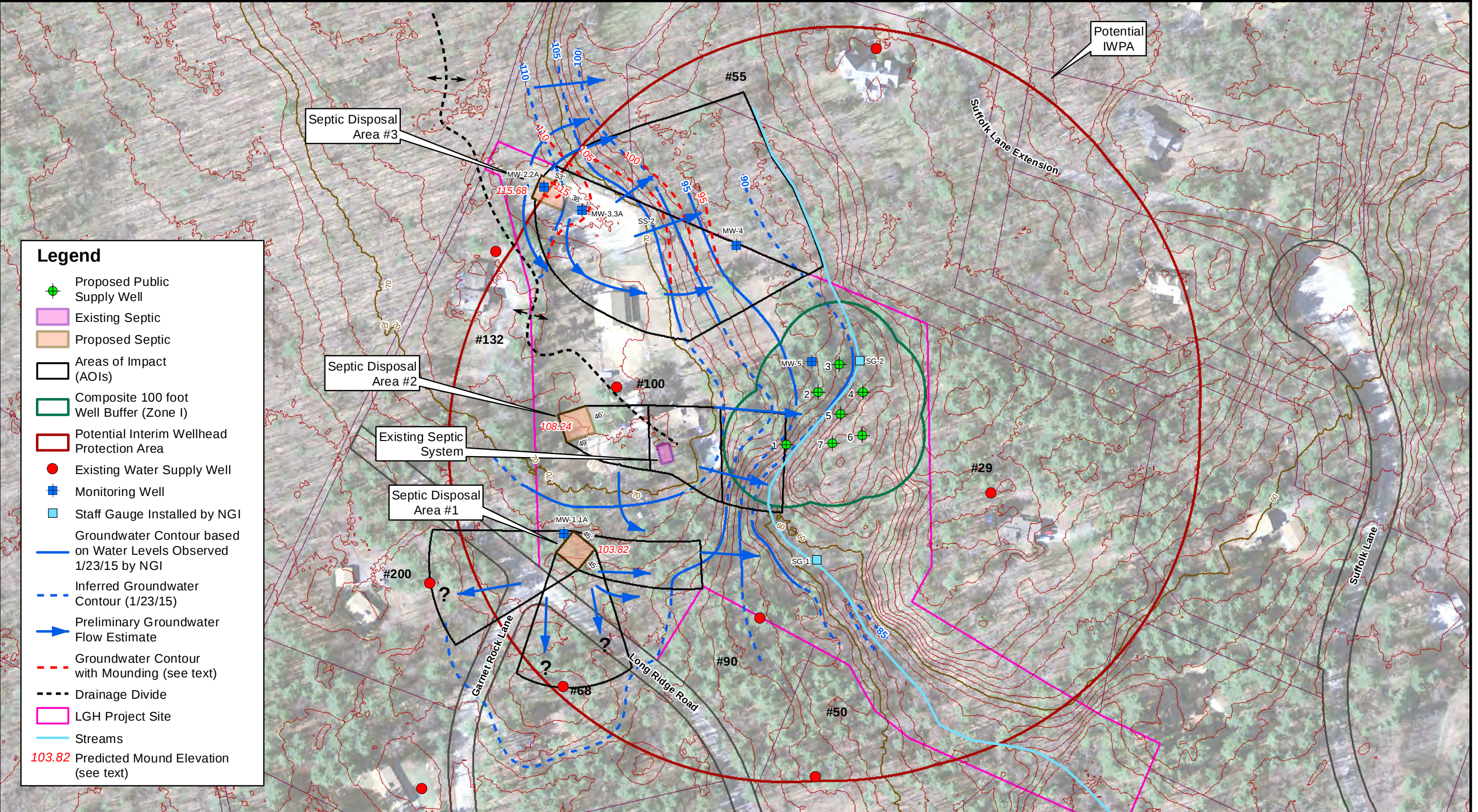


FIGURE 2

BEDROCK CHARACTERISTICS
PROPOSED SEPTIC DISPOSAL
AREAS AND WELLS
100 LONG RIDGE ROAD
CARLISLE, MASSACHUSETTS

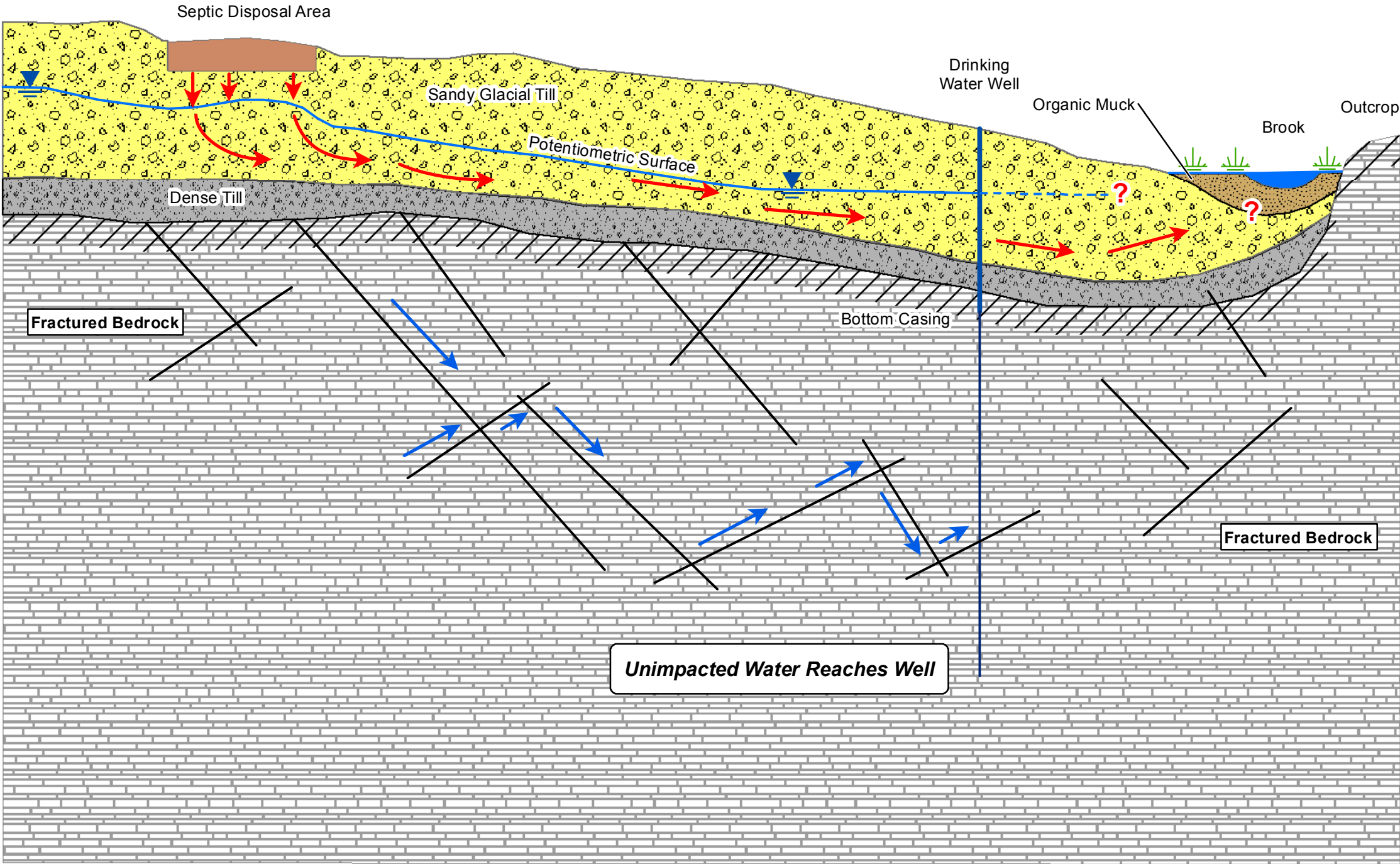
PREPARED BY: JH	CHECKED BY: JV
PROJECT NO. 89220.00	DATE: SEPTEMBER 2016

Path: J:\89220.00 - Carlisle Hydrogeo Evaluation 2015\GIS\Figures\Figure 3 Carlisle AOIs.mxd Date Printed: 9/30/2016



Notes: 1. See text for explanation of Interim Wellhead Protection Area. 2. Proposed well and septic locations from a plan titled 'Plan P - Public Water Supply' by Meisner Brem Corp., February 2, 2016. 3. Assessor's parcels are from the Town of Carlisle. Aerial photography provided by ESRI. Lot line for #90 Long Ridge Road is Approximate. 4. All elevations are based on a relative datum, not sea level. 5. Locations of site features depicted hereon are approximate and given for illustrative purposes only.					FIGURE 3 AREAS OF IMPACT PROPOSED SEPTIC DISPOSAL AREAS AND WELLS 100 LONG RIDGE ROAD CARLISLE, MASSACHUSETTS <table border="1"> <tr> <td>PREPARED BY: JH</td> <td>CHECKED BY: JV</td> </tr> <tr> <td>PROJECT NO. 89220.00</td> <td>DATE: SEPTEMBER 2016</td> </tr> </table>	PREPARED BY: JH	CHECKED BY: JV	PROJECT NO. 89220.00	DATE: SEPTEMBER 2016
PREPARED BY: JH	CHECKED BY: JV								
PROJECT NO. 89220.00	DATE: SEPTEMBER 2016								

Scenario A - Low-Permeability Till Layer



NOT TO SCALE

Legend

- Impacted Groundwater Flow
- Unimpacted Groundwater Flow

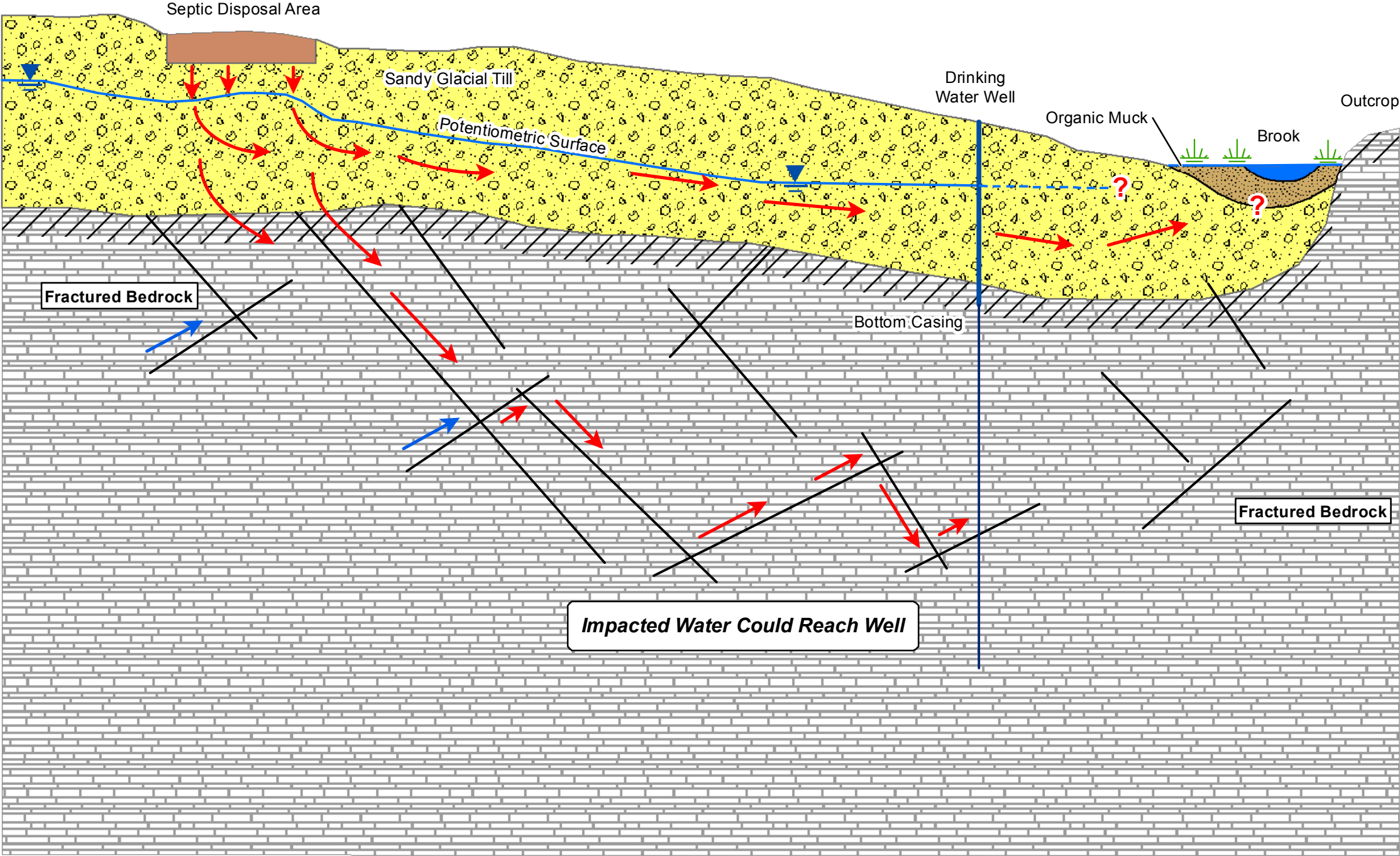


FIGURE 4a

CONCEPTUAL CROSS
SECTION - SCENARIO A
100 LONG RIDGE ROAD
CARLISLE, MASSACHUSETTS

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Scenario B - NO Low-Permeability Till Layer



Legend

- Impacted Groundwater Flow
- Unimpacted Groundwater Flow

NOT TO SCALE

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FIGURE 4b

CONCEPTUAL CROSS
SECTION - SCENARIO B
100 LONG RIDGE ROAD
CARLISLE, MASSACHUSETTS

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PROJECT NO. 89220	DATE: SEPTEMBER 2016