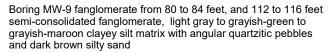


Boring MW-9 fanglomerate from 32 to 34 feet, semi-consolidated, light gray to grayish-green to grayish-maroon silty clayey matrix with angular quartzitic pebble clasts and cobbles







Boring MW-9 fanglomerate with fines washed from sample, light gray to grayish-green to grayish-maroon clay and angular quartzitic pebble clasts



Boring MW-9 fanglomerate cores showing variability of fanglomerate in core from 40 to 122 feet, highlighting dark brown silty sand and gravel layer at 121 feet.



Reference: Loughlin, 2018, Monitor Wells MW-6, MW-7, MW-8 and MW-9, Appendix J  $\,$ 

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Boring MW-8 Lake Bonneville from 0 to 12 feet and fanglomerate from 32 to 37 feet, semi-consolidated, light gray silty clayey matrix with angular quartzitic pebble clasts and cobbles



Boring MW-8 fanglomerate showing the variation in color including orange-white clayey gravel with orange-red hematite mottling, non reactive



Boring MW-8 fanglomerate showing the abundant light gray silty matrix



Boring MW-8 samples laid out sequentially from 0 to 75 feet.



Reference: Loughlin, 2018, Monitor Wells MW-6, MW-7, MW-8 and MW-9, Appendix J  $\,$ 

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Boring MW-7, including sections of Lake Bonneville sediments from 0 to 24 feet and fanglomerate sections from 24 to 75 feet, semi-consolidated, light gray silty clayey matrix with angular quartzitic pebble clasts

Boring MW-7 fanglomerate showing the abundant light gray silty matrix and hematitic staining horizons





Boring MW-7 showing sections of Bonneville sediments 12 to 21 feet and white to gray silty fanglomerate in sections from 31 to 71 feet

Boring MW-7 Lake Bonneville and fanglomerate samples laid out sequentially



Reference: Loughlin, 2018, Monitor Wells MW-6, MW-7, MW-8 and MW-9, Appendix J  $\ensuremath{\mathsf{J}}$ 

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Boring MW-6, sections of Lake Bonneville sediments from 0 to 29 feet with contact with fanglomerate and sections to 35 feet, semi-consolidated, light gray silty clayey matrix with angular quartzitic pebble clasts



Fanglomerate exposure, PPL Landfill Cell 1A excavation, north side



Boring MW-8 fanglomerate contact with Bonneville sediments at 30 feet



Fanglomerate exposure, gravel pit located 3,700 feet north-northwest of PPL Landfill Cell 1A



Reference: Loughlin, 2018, Monitor Wells MW-6, MW-7, MW-8 and MW-9, Appendix J  $\ensuremath{\mathsf{J}}$ 

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Running casing, sonic drilling boring MW-8

Drilling boring MW-7, looking east



Drilling boring MW-8, looking west

Removing core samples from core barrel



Reference: Loughlin, 2018, Monitor Wells MW-6, MW-7, MW-8 and MW-9, Appendix J  $\,$ 

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