Silicon Valley Rapid Transit Project Tunnel Segment Geotechnical Data Report Volume VI of VI

(P0503-D300-RPT-GEO-002, Rev.0)



Silicon Valley Rapid Transit Project

Tunnel Segment Geotechnical Data Report Volume VI of VI

> P0503-D300-RPT-GEO-002 Rev. 0



Prepared by HMM/Bechtel SVRT, a Joint Venture



B0508-C006

VOLUME VI

APPENDIX 18: CORROSION TESTING RESULTS – IN PROGRESS APPENDIX 19: PHOTOGRAPHS OF TUNNEL SEGMENT ALIGNMENT APPENDIX 20: X-RAY IMAGES OF SOIL SAMPLES

APPENDIX 18

CORROSION TESTING RESULTS (IN PROGRESS)

The corrosion testing program is currently in progress.

APPENDIX 19

PHOTOGRAPHS OF TUNNEL SEGMENT ALIGNMENT

Appendix 19 presents photographs taken at-grade along the proposed tunnel alignment.



Figure A19-1. Proposed East Portal (looking south)

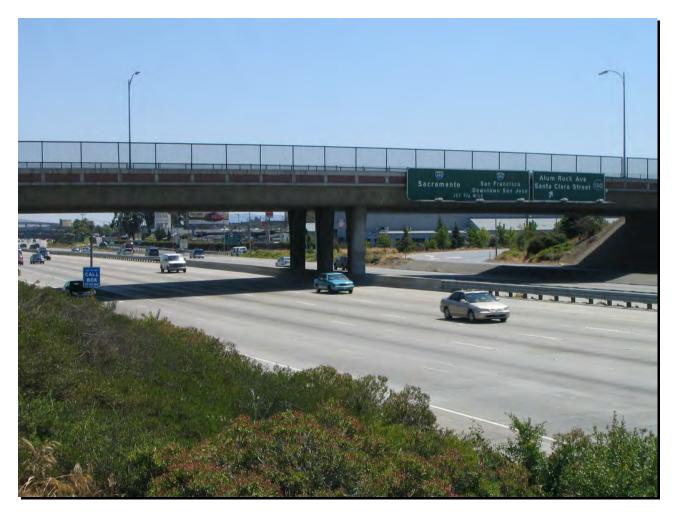


Figure A19-2. Route 101 Freeway (looking south)



Figure A19-3. San Jose Steel Company (looking north)



Figure A19-4. 27th St. near Santa Clara St. (looking southwest)



Figure A19-5. Santa Clara St. at 24th St. (looking west)



Figure A19-6. Santa Clara St. at 10th St. (looking west)



Figure A19-7. Santa Clara St. at Market St. (looking west)



Figure A19-8. Santa Clara St. near Route 87 (looking west)

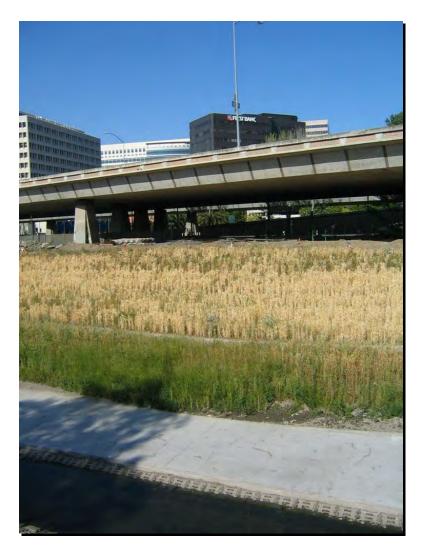


Figure A19-9. Guadalupe River and Route 87 (looking east)



Figure A19-10. Autumn St. near HP Pavilion (looking north)

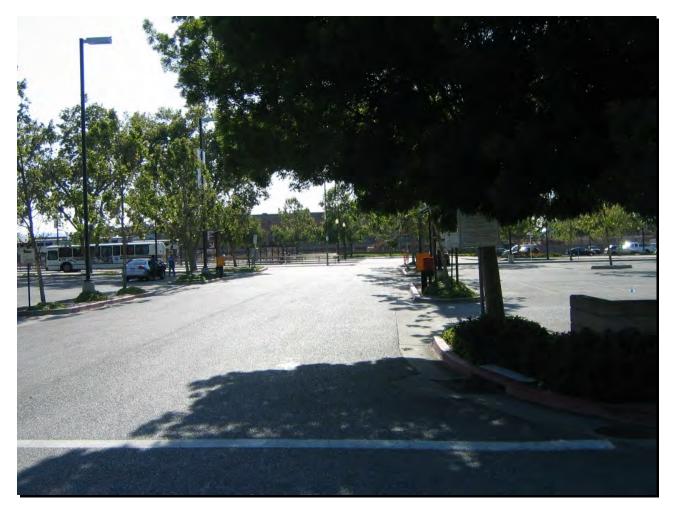


Figure A19-11. Montgomery St. near HP Pavilion (looking north)



Figure A19-12. Rail Yard near Cannery Building (looking west)



Figure A19-13. Bush St. near Cannery Building (looking south)



Figure A19-14. The Almaden (looking northwest)



Figure A19-15. Stockton Ave. near Lenzen Ave. (looking north)



Figure A19-16. Stockton Ave. at UPRR Tracks (looking north)



Figure A19-17. Stockton Ave. at University Ave. (looking north)

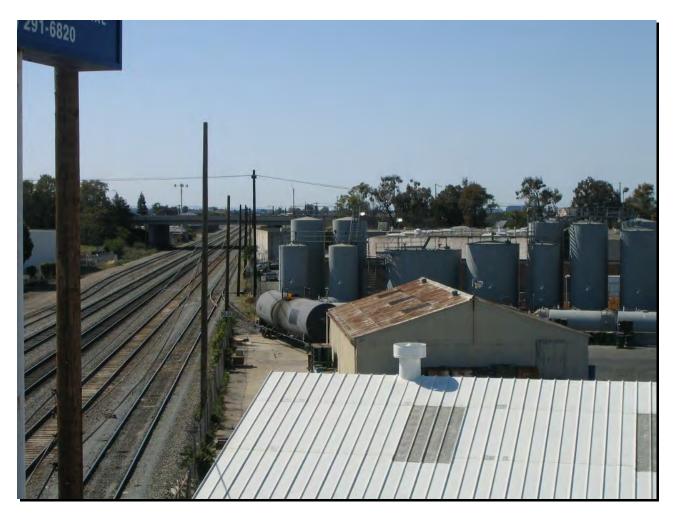


Figure A19-18. UPRR Tracks at Hedding St. Overpass Bridge (looking north)



Figure A19-19. Proposed West Portal - UPRR Yard toward 880 (looking south)

APPENDIX 20

X-RAY IMAGES OF SOIL SAMPLES

Appendix 20 presents x-ray images taken by Fugro of Shelby Tube and Pitcher Barrel soil samples.







BH-09, Sample 3 Tunnel Segment of SVRT Project San Jose, California







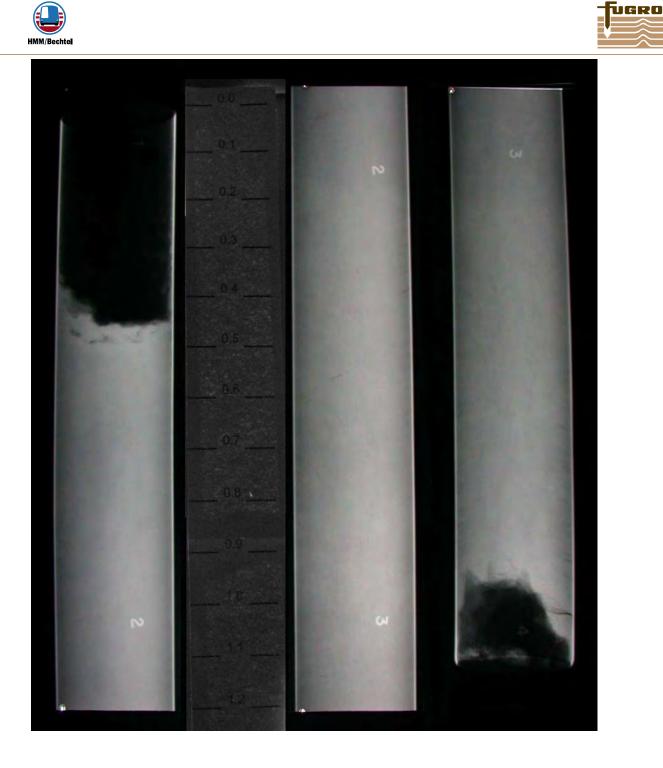
BH-09, Sample 4 Tunnel Segment of SVRT Project San Jose, California







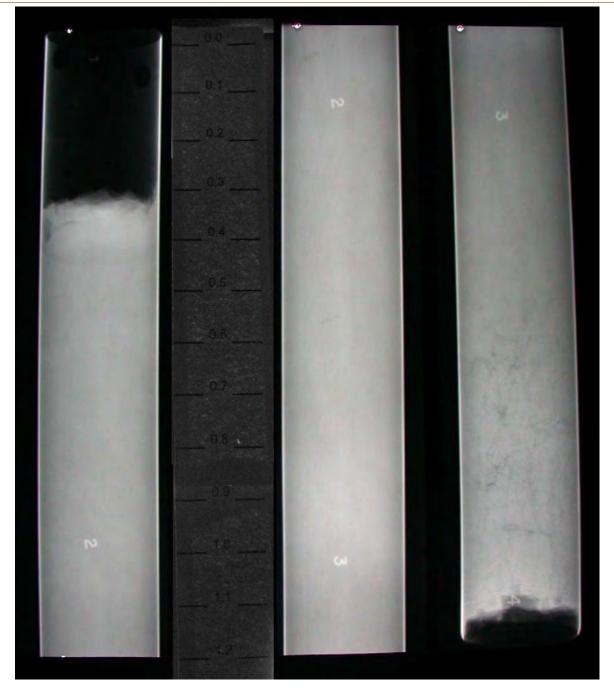
BH-09, Sample 5 Tunnel Segment of SVRT Project San Jose, California



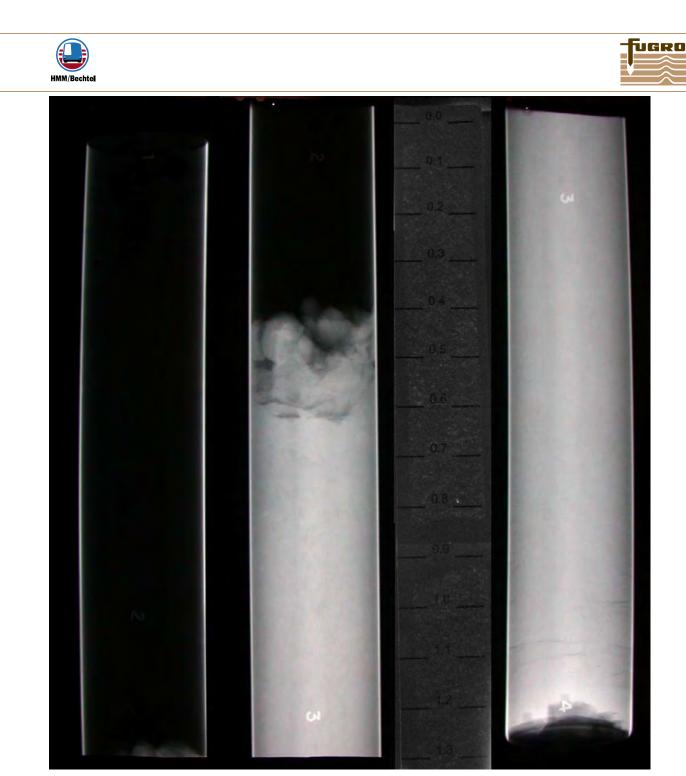
BH-18, Sample 9 Tunnel Segment of SVRT Project San Jose, California



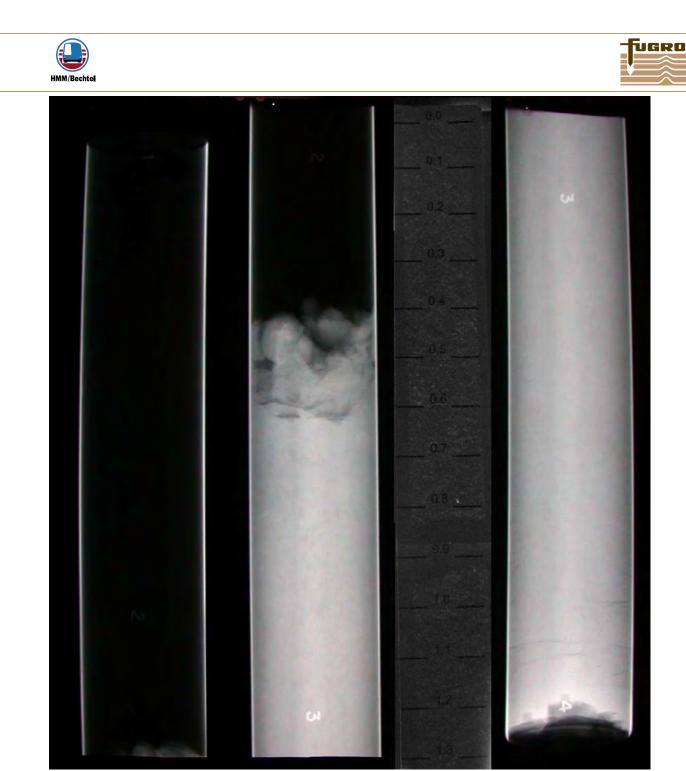




BH-21, Sample 6 Tunnel Segment of SVRT Project San Jose, California



BH-23, Sample 9 Tunnel Segment of SVRT Project San Jose, California



BH-23, Sample 17 Tunnel Segment of SVRT Project San Jose, California



BH-23, Sample 18 Tunnel Segment of SVRT Project San Jose, California



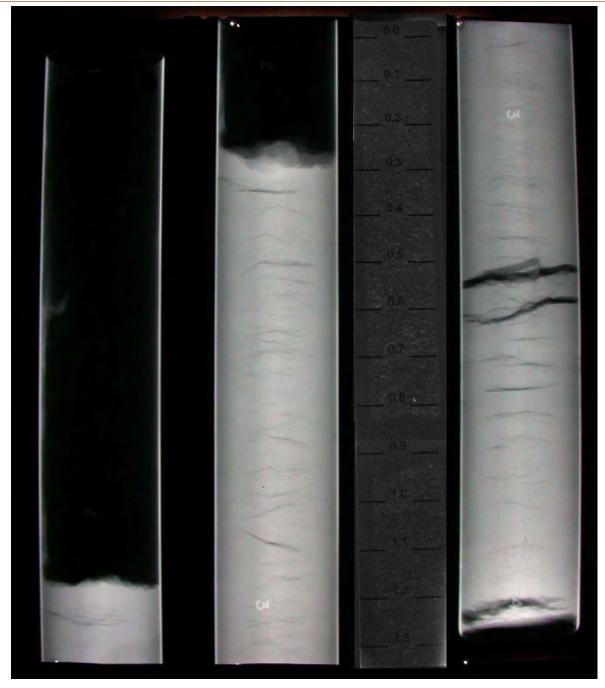




BH-24, Sample 3 Tunnel Segment of SVRT Project San Jose, California



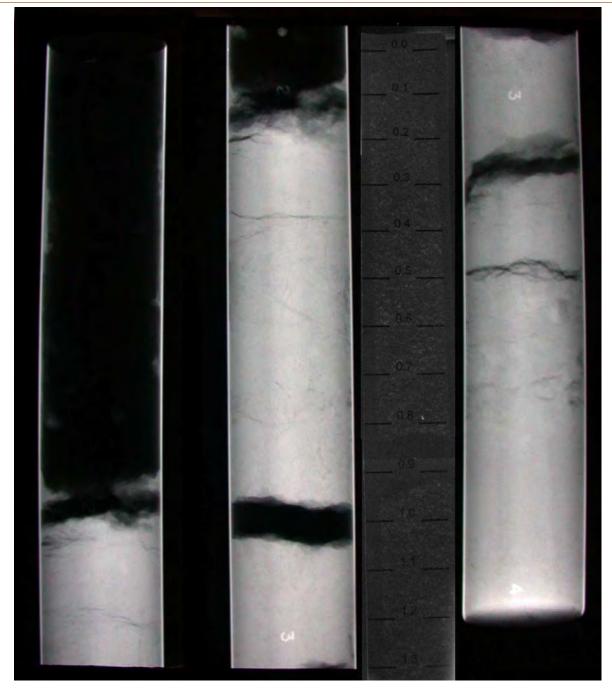




BH-24, Sample 4 Tunnel Segment of SVRT Project San Jose, California







BH-24, Sample 5 Tunnel Segment of SVRT Project San Jose, California



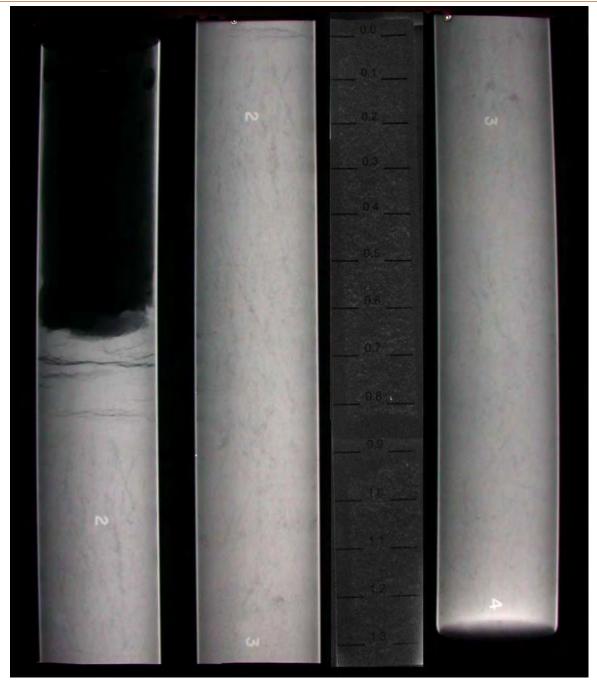




BH-24, Sample 6 Tunnel Segment of SVRT Project San Jose, California



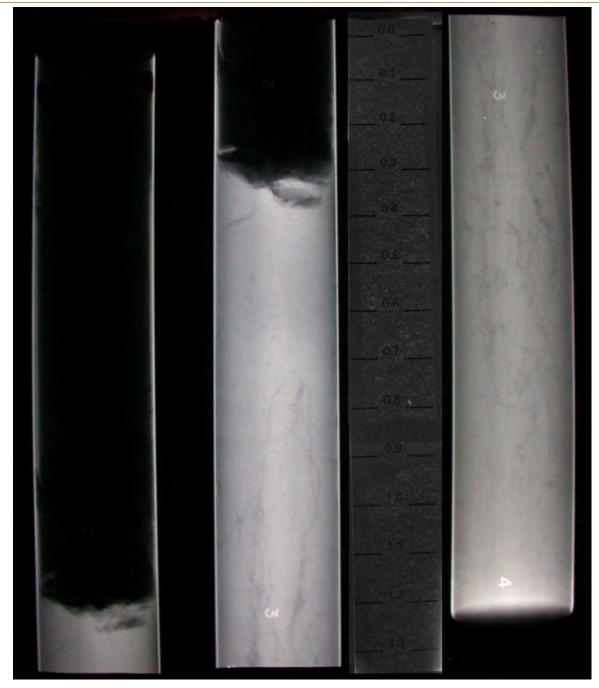




BH-24, Sample 7 Tunnel Segment of SVRT Project San Jose, California







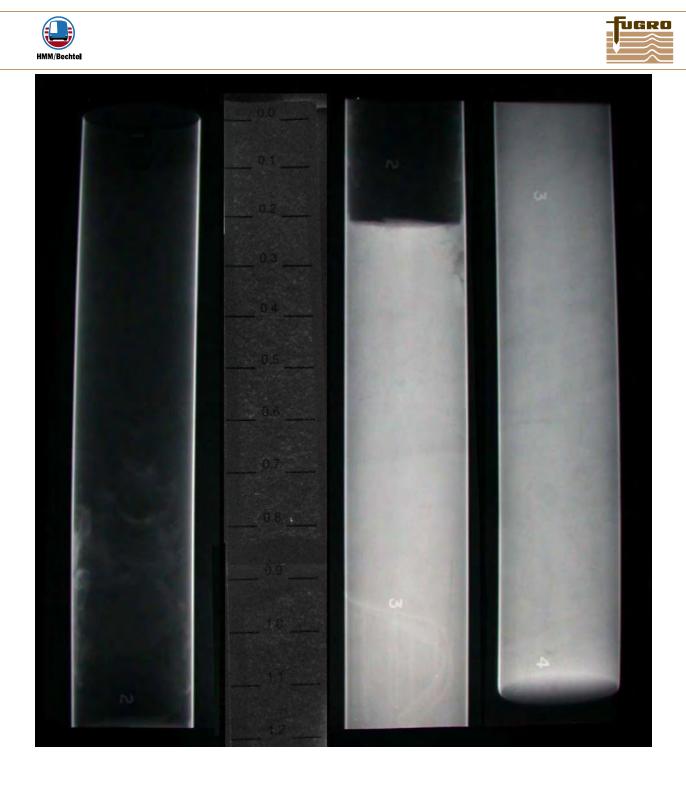
BH-24, Sample 8 Tunnel Segment of SVRT Project San Jose, California







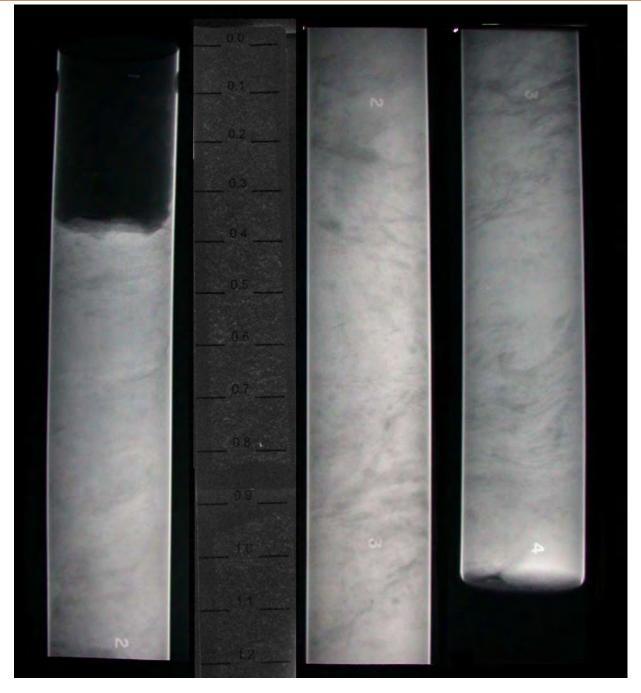
BH-24, Sample 29 Tunnel Segment of SVRT Project San Jose, California



BH-25, Sample 3 Tunnel Segment of SVRT Project San Jose, California







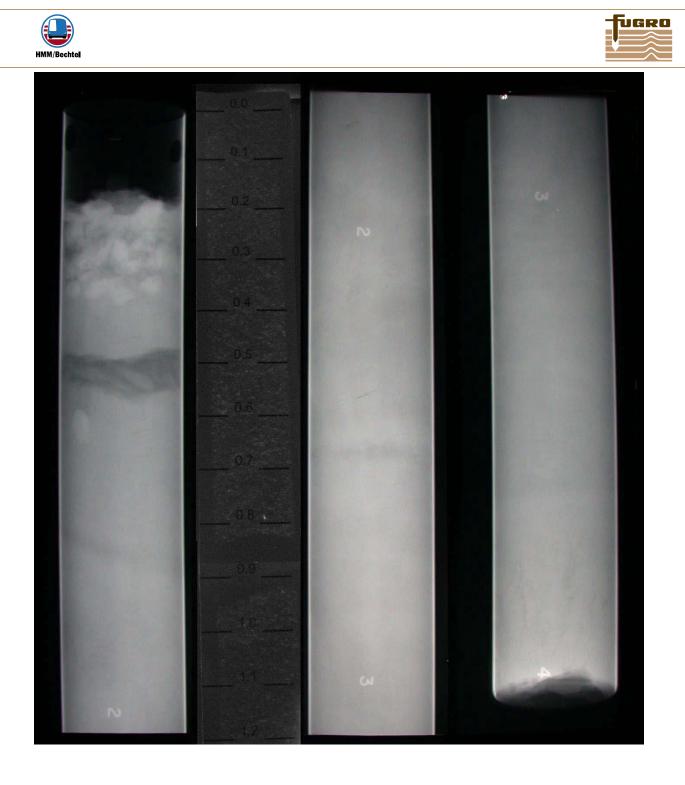
BH-25, Sample 4 Tunnel Segment of SVRT Project San Jose, California







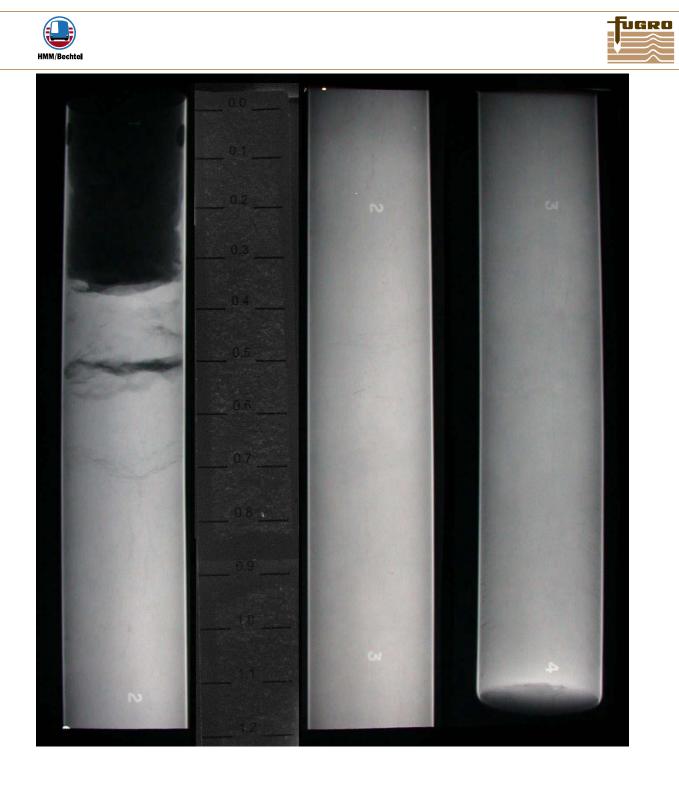
BH-25, Sample 16 Tunnel Segment of SVRT Project San Jose, California



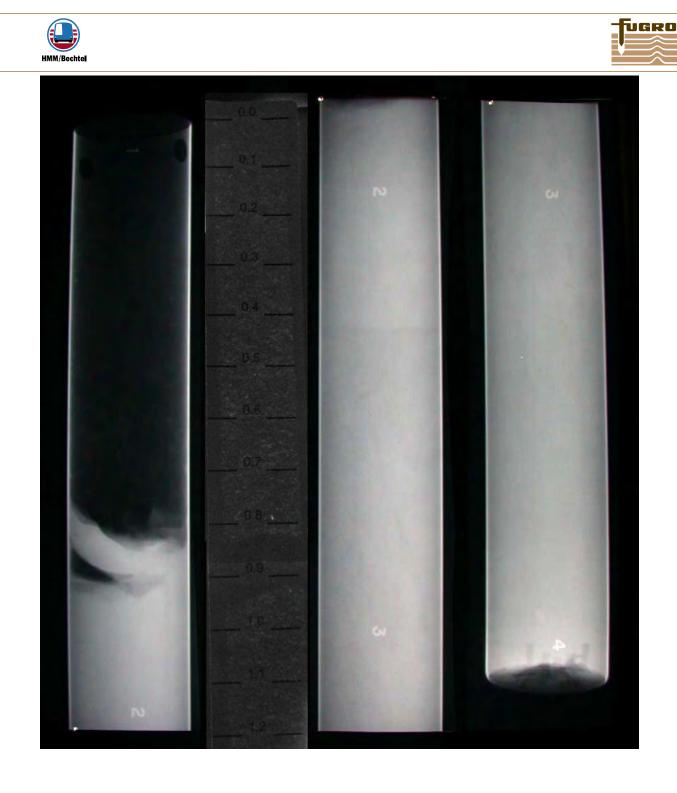
BH-25, Sample 21 Tunnel Segment of SVRT Project San Jose, California



BH-25, Sample 22 Tunnel Segment of SVRT Project San Jose, California



BH-26, Sample 2 Tunnel Segment of SVRT Project San Jose, California



BH-26, Sample 5 Tunnel Segment of SVRT Project San Jose, California







BH-33, Sample 1 Tunnel Segment of SVRT Project San Jose, California







BH-33, Sample 3 Tunnel Segment of SVRT Project San Jose, California



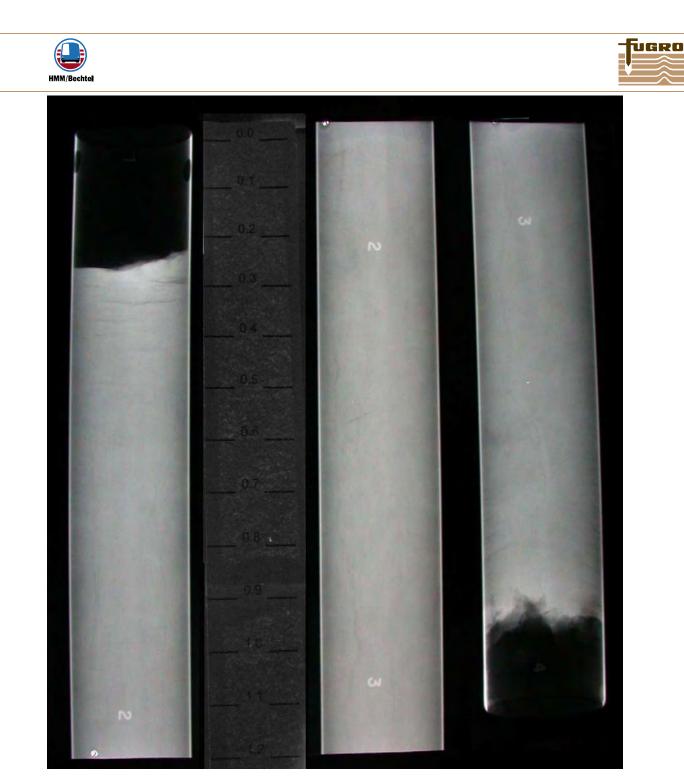
BH-33, Sample 6 Tunnel Segment of SVRT Project San Jose, California



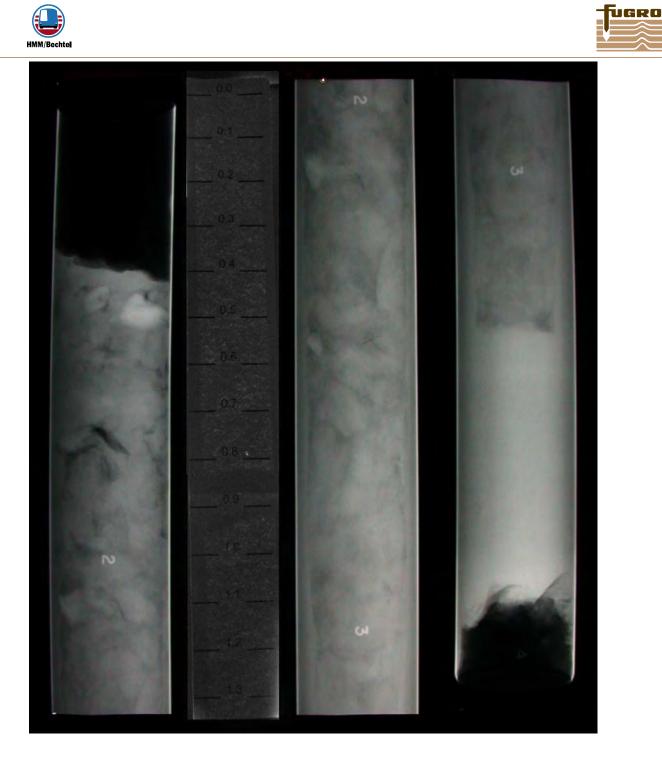




BH-33, Sample 7 Tunnel Segment of SVRT Project San Jose, California



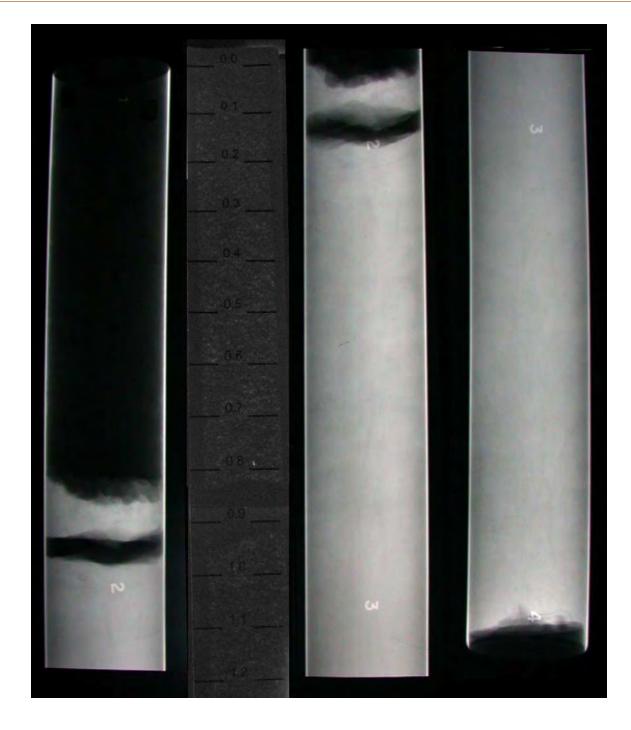
BH-33, Sample 9 Tunnel Segment of SVRT Project San Jose, California



BH-33, Sample 11 Tunnel Segment of SVRT Project San Jose, California







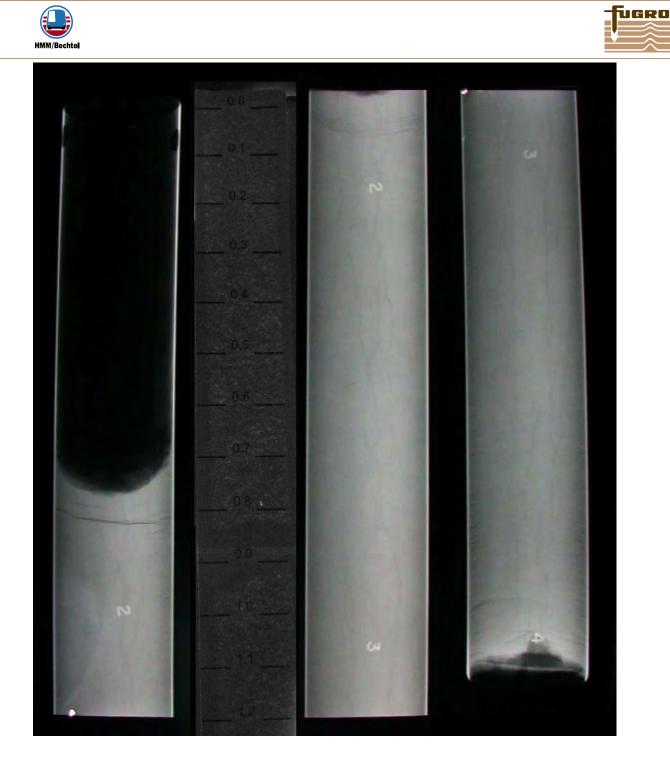
BH-33, Sample 17 Tunnel Segment of SVRT Project San Jose, California



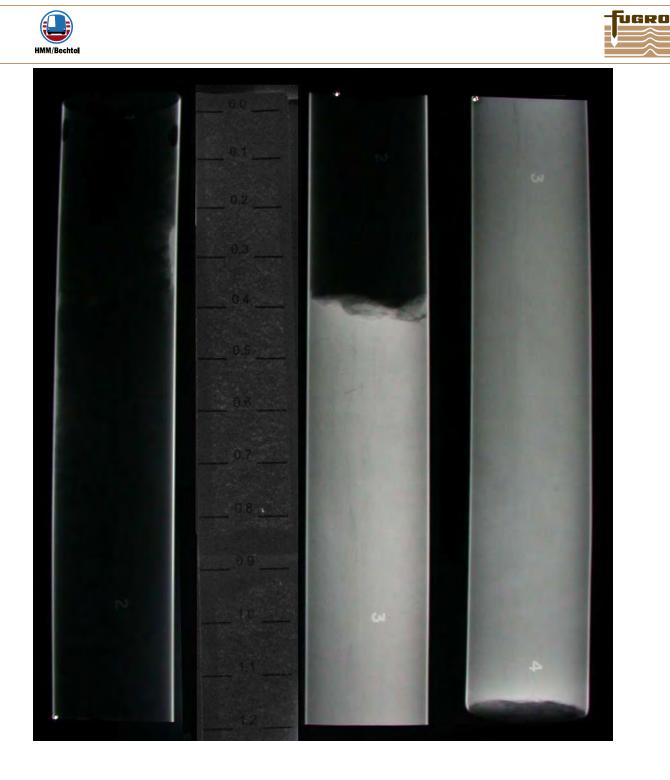




BH-37, Sample 5 Tunnel Segment of SVRT Project San Jose, California



BH-38, Sample 14 Tunnel Segment of SVRT Project San Jose, California



BH-42, Sample 7 Tunnel Segment of SVRT Project San Jose, California



BH-45, Sample 4 Tunnel Segment of SVRT Project San Jose, California







BH-50, Sample 10 Tunnel Segment of SVRT Project San Jose, California







BH-50, Sample 17 Tunnel Segment of SVRT Project San Jose, California



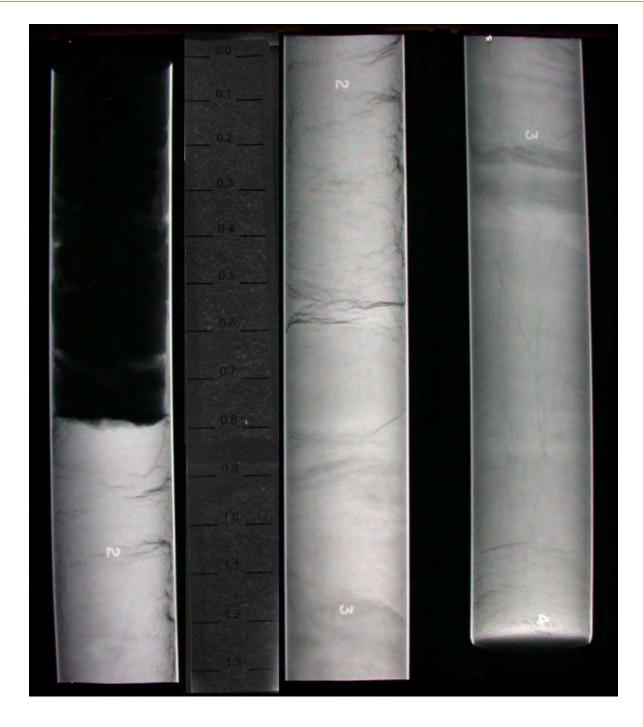




BH-52, Sample 8 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 9 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 10 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 11 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 12 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 34 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 35 Tunnel Segment of SVRT Project San Jose, California







BH-52, Sample 36 Tunnel Segment of SVRT Project San Jose, California







BH-53, Sample 28 Tunnel Segment of SVRT Project San Jose, California







BH-54, Sample 4 Tunnel Segment of SVRT Project San Jose, California







BH-54, Sample 13 Tunnel Segment of SVRT Project San Jose, California







BH-55, Sample 7 Tunnel Segment of SVRT Project San Jose, California







BH-55, Sample 26 Tunnel Segment of SVRT Project San Jose, California







BH-59, Sample 5 Tunnel Segment of SVRT Project San Jose, California







BH-59, Sample 17 Tunnel Segment of SVRT Project San Jose, California







BH-60, Sample 3 Tunnel Segment of SVRT Project San Jose, California







BH-60, Sample 11 Tunnel Segment of SVRT Project San Jose, California







BH-60, Sample 18 Tunnel Segment of SVRT Project San Jose, California







BH-61, Sample 5 Tunnel Segment of SVRT Project San Jose, California







BH-61, Sample 15 Tunnel Segment of SVRT Project San Jose, California







BH-61, Sample 17 Tunnel Segment of SVRT Project San Jose, California







BH-64, Sample 5 Tunnel Segment of SVRT Project San Jose, California







BH-64, Sample 18 Tunnel Segment of SVRT Project San Jose, California







BH-64, Sample 19 Tunnel Segment of SVRT Project San Jose, California







BH-65, Sample 3 Tunnel Segment of SVRT Project San Jose, California







BH-65, Sample 13 Tunnel Segment of SVRT Project San Jose, California







BH-66, Sample 5 Tunnel Segment of SVRT Project San Jose, California







BH-66, Sample 6 Tunnel Segment of SVRT Project San Jose, California



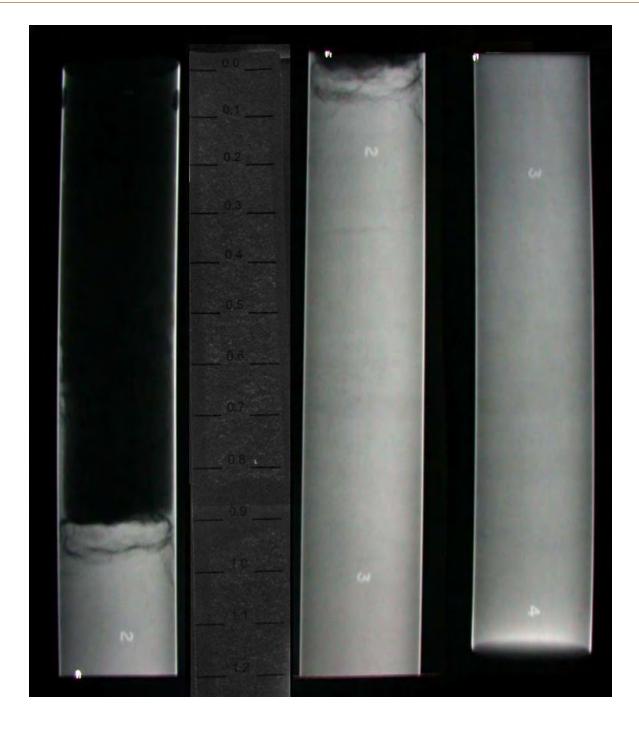




BH-68, Sample 3 Tunnel Segment of SVRT Project San Jose, California







BH-68, Sample 4 Tunnel Segment of SVRT Project San Jose, California



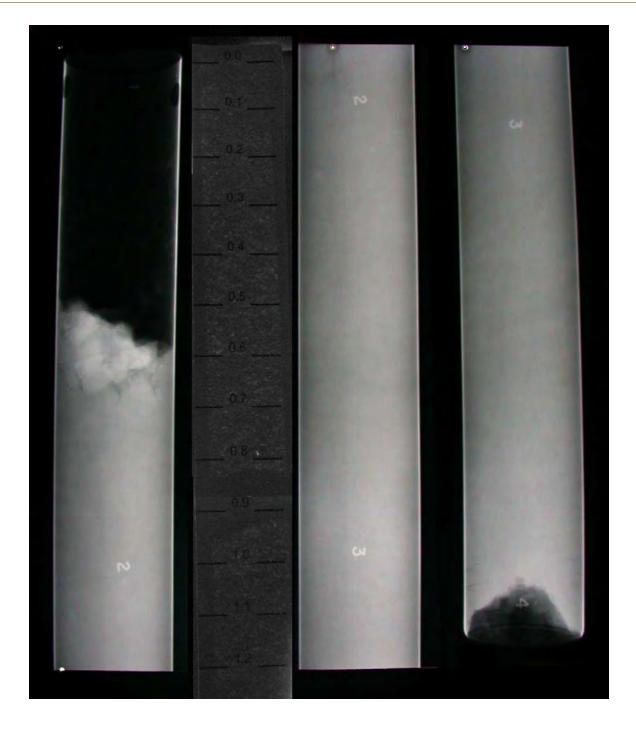




BH-68, Sample 18 Tunnel Segment of SVRT Project San Jose, California



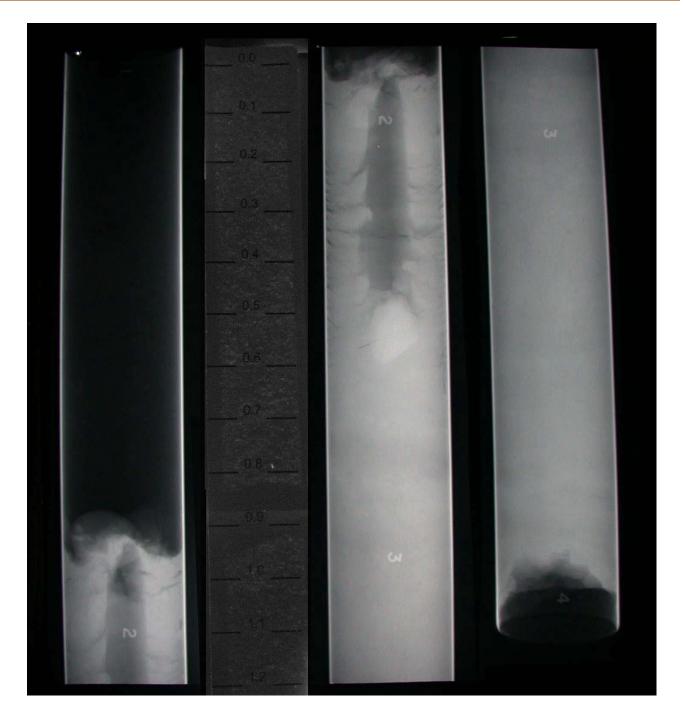




BH-70, Sample 35 Tunnel Segment of SVRT Project San Jose, California







BH-71, Sample 4 Tunnel Segment of SVRT Project San Jose, California







BH-71, Sample 8 Tunnel Segment of SVRT Project San Jose, California







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X-RAY IMAGE OF SAMPLE

BH-71, Sample 22 Tunnel Segment of SVRT Project San Jose, California







BH-75, Sample 14 Tunnel Segment of SVRT Project San Jose, California







BH-75, Sample 15 Tunnel Segment of SVRT Project San Jose, California







BH-75, Sample 16 Tunnel Segment of SVRT Project San Jose, California







BH-75, Sample 22 Tunnel Segment of SVRT Project San Jose, California







BH-77, Sample 4 Tunnel Segment of SVRT Project San Jose, California







BH-77, Sample 16 Tunnel Segment of SVRT Project San Jose, California