

# 777 **Appendices**

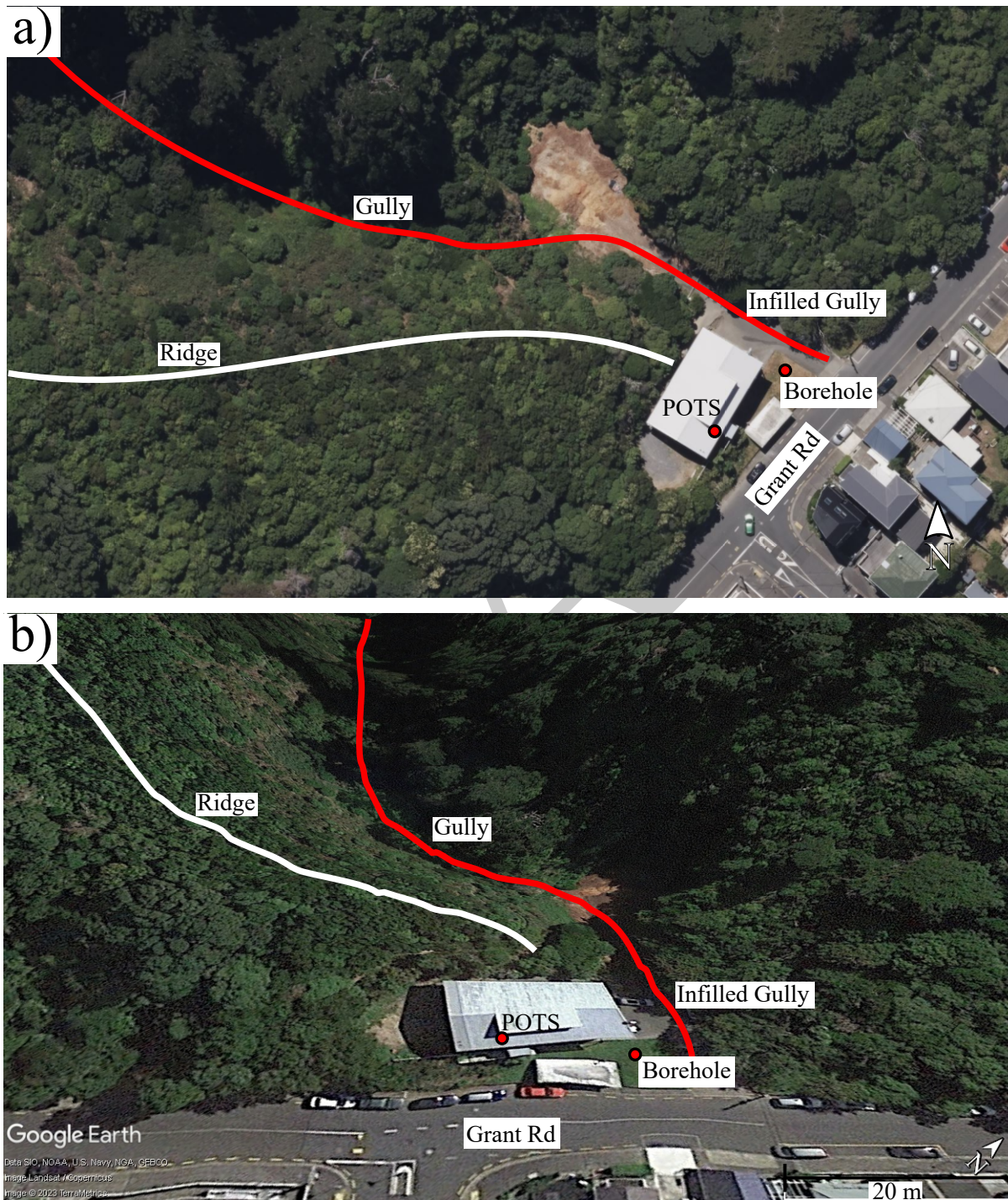
778 The appendices contain additional figures, with interpretation, to supplement the discussion in  
779 the paper, and are referenced throughout the main paper.

780 – **APPENDIX A: Site map, site characterization, and residual site term for the refer-**  
781 **ence station POTS**

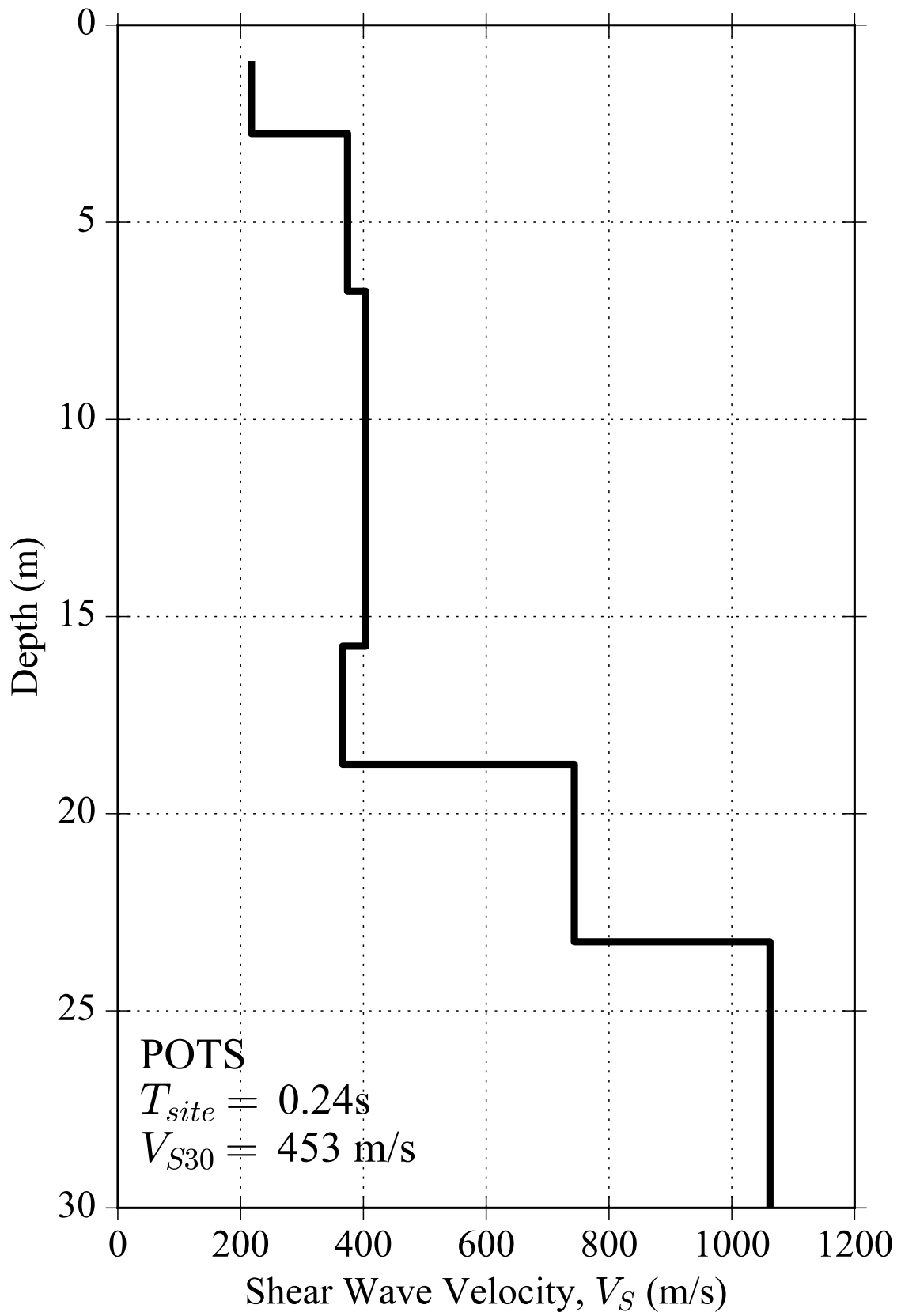
782 – **APPENDIX B:**

DRAFT

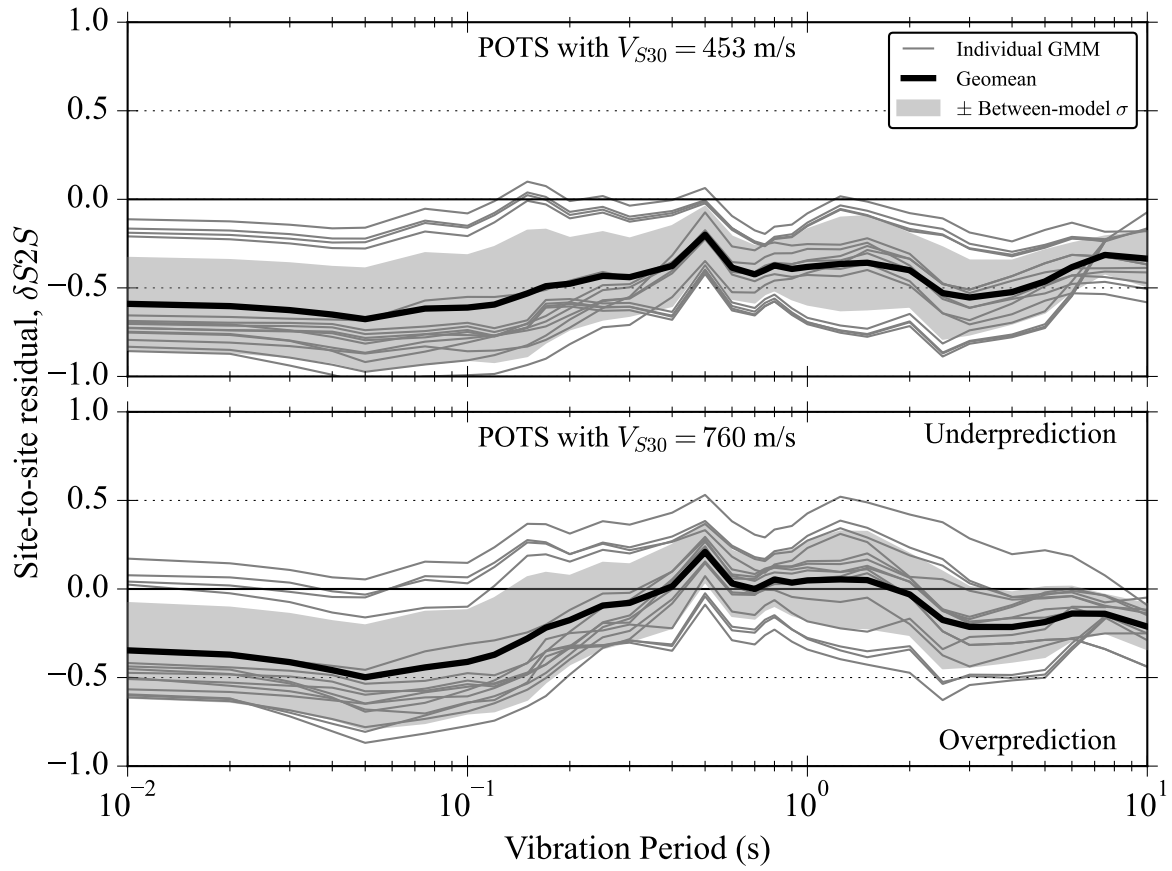
## TERM FOR THE REFERENCE STATION POTS



**Figure A.1.** Satellite images of the reference station, POTS, to illustrate the local topography and location of the borehole with downhole  $V_S$  measurements. The base maps were taken from a) Microsoft Bing maps, and b) Google Earth.



**Figure A.2.** Shear wave velocity ( $V_S$ ) profile from downhole testing in the borehole near POTS.



**Figure A.3.** Site-to-site residuals for the reference station, POTS, from all empirical GMMs considered. The top panel uses  $V_{S30}$  measured in the nearby borehole (i.e., 453 m/s), and the bottom panel assumes  $V_{S30} = 760$  m/s.