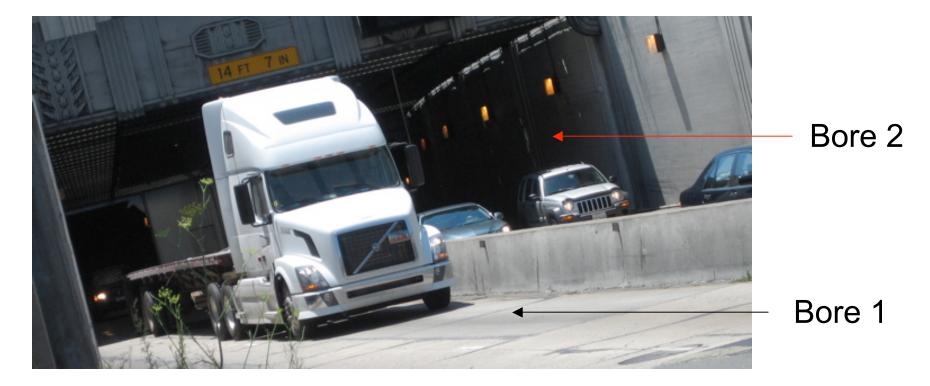
## Long-Term Changes in Gas- and Particle-Phase Emissions from On-Road Diesel and Gasoline Vehicles

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SF Bay Area tunnel study measured emissions of ~100,000 LDV and 1,000 HDDT

## Long-Term Changes in Gas- and Particle-Phase Emissions from On-Road Diesel and Gasoline Vehicles

Gases: CO<sub>2</sub>, CO, NO<sub>x</sub>, NH<sub>3</sub>, speciated VOC, NO<sub>2</sub>, aldehydes
Particles: PM<sub>2,5</sub>, BC, OC, N (# cm<sup>-3</sup>), size distributions

