

# C2EARTH, INC.

## CORPORATE SUMMARY

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### *OVERVIEW*

C2Earth, Inc. (formerly Upp Geotechnology), is a privately held, minority owned, small business with offices in Santa Clara and Santa Cruz counties. Our registered professional geologists and professional engineers perform geotechnical engineering and engineering geologic services throughout the greater San Francisco and Monterey Bay areas. We have over 60 years of combined experience providing geologic and geotechnical engineering services for a wide variety of projects, ranging from small residential additions to multi-million dollar slope stabilization and critical infrastructure projects (such as schools and hospitals). Our key personnel have California licenses in civil engineering, geotechnical engineering, engineering geology and hydrogeology.

### *MISSION AND VALUES*

We provide geotechnical engineering and engineering geologic consulting services for various aspects of site evaluations, including initial site development feasibility, distress evaluation of existing structures, geologic hazard analysis, geotechnical site characterization, engineering design, and construction observation. Our guiding principles include:

- Performing high quality services and technical work
- Developing practical, constructable and cost-effective solutions
- Providing timely service and responsiveness to our clients
- Committing to professional and client education

Clients choose C2Earth because we are experienced and licensed as both engineers and geologists, and because we are well respected by local and state reviewing agencies. Through our understanding of the impacts of geology on engineering, and vice-versa, we help our clients effectively manage the geologic site conditions and mitigate potential geologic hazards. We protect our clients' interests by being thorough and detailed in our work.

### *LOCATIONS*

Main Office: 750 Camden Avenue, Suite A, Campbell, CA 95008 | 408.866.5436  
Satellite Office: 720 Capitola Avenue, Building A, Capitola, CA 95010 | 831.425.5436



## **CRAIG N. REID, PG, CEG, PE, GE**

## **PRINCIPAL ENGINEER & GEOLOGIST**

**SUMMARY** Mr. Reid has, for more than a decade, been providing comprehensive geotechnical engineering and engineering geologic services for various types of projects throughout the greater San Francisco Bay and Monterey Bay areas. His project experience includes engineering geologic and geotechnical site characterization, soil and foundation engineering design and assessment, landslide evaluations and mitigation design, liquefaction analysis, groundwater level determination, fault location and seismic hazard assessments, and construction related geotechnical and engineering geologic evaluations. There is a trend in the greater San Francisco Bay Area of driving proposed developments into more geologically complex areas. Mr. Reid takes great pride in accomplishing projects impacted by difficult geologic conditions.

**EDUCATION** *M.S. Civil Engineering, Geotechnical Engineering emphasis, San Jose State University*  
*B.S. Geological Engineering, Civil Engineering Department, University of Wisconsin*  
*B.S. Geology and Geophysics, Geology/Geophysics Department, University of Wisconsin*

## **CHRIS HUNDEMER, PG, CEG, CHG**

## **PRINCIPAL ENGINEERING GEOLOGIST**

**SUMMARY** Mr. Hundemer, a graduate of U.C. Santa Cruz and San Jose State University, has acquired extensive experience working on a variety of geologic and geotechnical engineering investigations in the greater San Francisco Bay and Monterey Bay areas for over fifteen years. He typically provides geotechnical site characterizations for new construction and distressed properties, landslide evaluations, fault location and seismic hazard assessments, and construction related geotechnical assessments. He is experienced in planning and managing geologic and geotechnical engineering studies, participating within a team of project engineers and geologists, being a lead investigator for distressed properties and geologic hazard evaluations, supervising teams of geologists and engineers, and providing litigation support services.

**EDUCATION** *M.S. Civil Engineering, Geotechnical Engineering emphasis, San Jose State University*  
*M.S. Earth Sciences, University of California, Santa Cruz*  
*B.A. Economics, University of California, Santa Cruz*  
*B.A. Earth Sciences, University of California, Santa Cruz*

## **R. REXFORD UPP, Ph.D, PG, CEG, CHG, PE, GE**

## **PRINCIPAL ENGINEER & GEOLOGIST**

**SUMMARY** Dr. Upp has performed geologic and geotechnical engineering evaluations in Northern California since the mid 1970's. He has been an instructor of geology and engineering at Humboldt State University and San Jose State University, has worked for the U.S. Geological Survey, and has developed a successful professional practice. In 1983 he founded Upp Geotechnology, which formed the basis for C2Earth, Inc. Dr. Upp's expertise encompasses numerous aspects of engineering geology and geotechnical engineering evaluations for residential, commercial, and industrial developments. He has developed and built his distinguished career on professional integrity and technical expertise. He is active in several professional societies working towards the advancement of the engineering geology and geotechnical engineering professions, as well as the education of the general public. He is past president of CalGeo, California Geotechnical Engineering Association and AEG, Association of Environmental and Engineering Geologists.

**EDUCATION** *Ph.D Engineering Geology, Stanford University*  
*M.S. Civil Engineering, Soil Mechanics and Foundation Engineering emphasis, Stanford University*  
*M.S. Watershed Management, Humboldt State University*  
*B.A. Geology, Humboldt State University*  
*B.S. Environmental Resources Engineering, Humboldt State University*  
*B.S. Mechanical Engineering, University of California at Berkeley*

## **JENNIFER BUCKLEY, BS**

## **PROJECT GEOLOGIST**

**SUMMARY** Ms. Buckley has worked on diverse geological projects throughout the greater San Francisco and Monterey Bay areas, serving as staff and project geologist for over seven years. Jennifer has experience in site geologic reconnaissance and mapping, landslide evaluation, soil and rock characterization, reviewing and analyzing geologic literature and aerial photographs, subsurface exploration, collecting soil samples and logging test borings and pits in general accordance with the Unified Soil Classification System, analyzing and interpreting groundwater level data, preparing project budgets and proposals, analyzing inclinometer and piezometer data, drafting figures, and writing geologic reports

**EDUCATION** *B.S. Earth Science, University of California, Santa Cruz*

