

**Senior Hydrogeologist**

<b>Expertise</b>	Groundwater Flow and Transport Modeling
<b>Education</b>	M.S. (Geoscience), 1990, University of Nevada, Las Vegas B.S. (Geology), 1985, University of Utah
<b>Registrations</b>	Nevada Environmental Manager
<b>Certifications</b>	MSHA (Mining Safety and Health Administration), First Aid, WHMIS (Workplace Hazardous Materials Information System)
<b>Professional Affiliations</b>	Association of Ground Water Scientists and Engineers
<b>Honors</b>	George B. and Jane C. Maxey Award, 1990; Barrick Fellowship, 1988-89; Phi Beta Kappa, 1985; Graduated Magna cum Laude, 1985; Utah Mineralogical Society Scholarship, 1985; University of Utah Geology Department Scholarship Award, 1985
<b>Professional Experience</b>	
1995 – Present	<i>Itasca Denver, Inc., Colorado</i> <i>Senior Hydrogeologist/Associate Hydrogeologist</i>
1995	<i>Camp Dresser &amp; McKee, Denver, Colorado</i> <i>Groundwater Modeler and Hydrogeologist</i>
1990 – 1994	<i>Hydro-Search, Inc., Reno, Nevada and Denver, Colorado</i> <i>Groundwater Modeler and Hydrogeologist</i>
1988 – 1989	<i>Desert Research Institute, Las Vegas, Nevada</i> <i>Research Assistant</i>
1986 – 1987	<i>Corning Glass Works, Corning, New York</i> <i>Process Engineer</i>
1984 – 1985	<i>Sohio Shale Oil Company, Salt Lake City, Utah</i> <i>Assistant Geologist</i>

**Project Experience**

**Groundwater Flow Modeling:** Experience in all aspects of groundwater flow modeling as modeler and project manager. More than 20 years of experience in developing and refining conceptual hydrogeologic models and constructing, calibrating and making predictive simulations with groundwater flow models. Expertise in modeling for designing mine dewatering systems and predicting related regional hydrologic impacts.

*Contaminant Hydrogeology:* Conducted and supervised numerous site investigations to detect, delineate and remediate organic and inorganic compounds. Also used numerical models to predict fate and transport of contaminants.

*Field Programs:* Conducted various field investigations including: installation of monitoring wells; sampling of air, soil and groundwater; and aquifer testing. Other experience includes Phase I and II investigations for real- estate purchases, Level B drilling and installation of deep municipal water-supply wells.