



**SHERRY L. GADDY**  
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## *EXPERIENCE*

**Aspen Hydrologic Services, LLC**, 905 Pine Street, Ely, NV 89301  
*Owner – Principal Hydrologist, May 2009 to Present*

### Client List and Work Associations

**Sumitomo Metal Mining Pogo Mine, LLC**, Delta Junction, AK

General Environmental and Hydrologic Support, Water Operations and Management, Pump and Pipeline Design, Underground Dewatering Evaluation, Project Support, Water Quality and Monitoring, Well Abandonment, Replacement and Design, Drystack Tailings Facility Support, Regional Hydrologic Model with M Vitale

**Phil Henry**, Ely, NV

Residential Well Troubleshoot, Well Rehabilitation/Development Support and Contractor Management

**White Pine County**, Ely, NV

Regional Hydrologic GIS Update and Support

**Robinson Nevada Mining Company – Quadra Mining Ltd.**, Ruth, NV

Water Rights, Data Collection, and Pump/Well Failure Root Cause Analysis Training and Water Rights Report Data Management

**General Moly, Eureka Moly – Mt. Hope Mine**, Eureka, NV

General Hydrologic Support, Geotech Database Support, Aquifer Characterization Field Support, Water Rights Support, Field Instrumentation Selection and Installation. Worked with Gibler Geotechnical, SW Groundwater, Montgomery and Assoc, Barranca Group and Hydro Geo Field Services

**Robinson Nevada Mining Company – Quadra Mining Ltd.**, P.O. Box 382, Ruth, NV 89319

*Chief Hydrologist, Chief Environmental Engineer, Senior Environmental Engineer, April 2007 to April 2009*

Manage the Hydrology and assist with the initial dewatering and permitting of Ruth Pit including assisting the Superintendent with all mine wide compliance requirements (State & Federal), supervising the Environmental Specialists, and summer intern in order to promote mining, environmental stewardship and high wall stability. Primary responsibilities include project engineering and management of dewatering drilling projects including budget forecast, management, contract/scope of work, and placement of key dewatering wells, monitoring wells, vertical drains and infrastructure. Excellent written communication skills are utilized with writing persuasive Authority for Expenditures (AFE) for projects requiring capital up to \$7 million (total project responsibility for 2008: \$15.2 million for nine projects). Responsible for excess water disposal investigation & initial permitting including rapid infiltration basins (RIBs), injection wells and point discharge for up to 16,000 gpm. Responsible for public relations including legal agreements related to dewatering and water production with the City of Ely, White Pine County and White River Basin entities. Responsible for water rights permitting, maintenance and reporting including primary contact with the State Engineers Office.

**Chemetall Foote Corporation – Rockwood Specialties, P.O. Box 98, Silverpeak, NV 89047***Wellfield Supervisor and Hydrogeologist, April 2004 to April 2007*

Managed the lithium brine wellfield, the wellfield maintenance crew, evaporation ponds, playa maintenance crew, liming and limers to promote safe operations, lithium mining and process production. Other duties include exploration and production drilling program design, promotion, budgeting, AFE writing and management and implementation (one per year); pond maintenance including salt removal, surveying and design for failure repair and leakage reduction; database design, implementation, and upkeep; water rights maintenance and reporting; contractor, vendor and consultant supervision along with contract/scope of work development; safety and environmental training; pumping system, pipeline design and wellfield optimization; aquifer monitoring and development; and pumping system and well failure troubleshooting.

**Round Mountain Gold Company, P.O. Box 480, Round Mountain, NV 89045***Senior Hydrologist, April 2000 to March 2004*

Managed and setup the Hydrology/Dewatering (8,000 gpm) of Round Mtn Gold Mine including supervising the Junior Hydrologist, summer interns and the dewatering operation in order to promote mining and high wall slope stability. Primary responsibilities include project engineering and management of well installation projects including budget forecast, management, contract/scope of work, and placement of key dewatering wells, monitoring wells, horizontal drains and vertical drains from inception to commissioning. Began baseline hydrology studies for Gold Hill EIS and prepared data necessary for permits and water rights. Performed pump tests, injection tests and slug tests along with maintenance of the water database (EDMS). Responsible for pumping equipment and pipeline design including electrical in addition to troubleshooting pumping system, electrical system & well failures. Excellent written communication skills are utilized with writing persuasive AFE's for projects requiring capital up to \$4.2 million (one to four projects per year). Other responsibilities include supervision of contractors (ie., Boart Longyear & WDC), equipment maintenance persons (Centrilift, Johnston Pump & ANM Equipment) and consultants (Water Management Consultants & HCI).

**Newmont Gold Company – Lone Tree Mine (Previously Santa Fe Pacific Gold), P. O. Box**

388, Valmy, NV 89438

*Hydrologist II, Hydrologist I and Junior Hydrologist, January 1995 – March 2000*

Managed the Hydrology/Dewatering for Lone Tree Mine, Mule Canyon Mine and Trenton Canyon Mine including field data collection (water levels, water samples for research and compliance, etc.), data management using Access based Environmental Data Management System (EDMS), quality control management of the on-site laboratory (water analysis), quality control of results received from outside laboratories, supervision of pump tests, supervision of monitoring well and deep dewatering well drilling, project manager/engineer for the expansion of an arsenic treatment plant (10,000 gpm to 20,000 gpm), project manager of a slope stability dewatering project, project manager for pilot tests to expand the arsenic treatment plant to include other metal reduction, provide engineering/hydrology support for the permitting and installation of Rapid Infiltration Basins (RIBs) system for groundwater recharge, provide engineering/hydrology support for dewatering an open-pit mine (32,000 gpm rate with 50,000 gpm expected maximum rate), and write Authority for Expenditures (AFE) for projects requiring capital up to \$1.5 million (one to two projects per year).

**Mid-Continent Testing Lab**, 2381 South Plaza Drive, Box 3388, Rapid City, SD 57709

*Environmental Chemist*, April 1992 – December 1994

Analyze mine water and potable water for physical, inorganic and metal properties, including pH, TDS, SC, SCN and anions with use of Wet Chemistry methods, i.e. titration, meters, probes and color spectrometry. Metal and cation analysis done with Atomic Absorption Spectrometers: graphite furnace and flame. Also: supervise and train lab technicians, quality control of analyses and reports, minor troubleshooting of mechanical and electronic problems with graphite AA Spectrometers; prepared diesel extractions for GC analysis; Lotus 1-2-3; and data management using specialized database.

**SD Department of Environment and Natural Resources/SDGS**, Rapid City, SD 57701

*Drafter*, February 1991 – September 1991

Aided Geologist, Foster Sawyer, with drawing of new geological map of South Dakota, drafted final quads at scale 1:250,000, index maps, and assisted with the explanations and descriptions. Used topographic maps, geologic maps and green line topographic maps.

**Amoco Production Company**, Elk Basin, Powell, WY and Denver, CO

*Summer Engineer*, May 1989 – August 1989

Assisted production hands with the operation and maintenance of Beam Lift Oil Wells: Prime Movers and Wakeshas, Electric Submersible Pumps and Oil Batteries. Observed well workovers and a perforation job. Assisted waterflood hands with water and CO<sub>2</sub> injection operations and water clean up. Observed gas plant operations and assisted workover on a compressor engine. Worked in the Denver Office working on a Decline Analysis Program using the IPGRAPH Amoco Software and Lotus. Designed a well workover using BLAP Software.

## ***ADDITIONAL JOB RELATED EXPERIENCE, TRAINING AND SKILLS***

### **Community Leadership**

President and Information Officer of the White Pine Chamber of Commerce and Member of the Board, Ely, NV, May 2009 to Present, Actively participate in Community Business development and facilitate the monthly Board meeting from July 2010 through June 2011.

President of the Board of Trustees, Esmeralda County School District Board of Trustees, P.O. Box 560, Goldfield, NV 89013, January 2005 to April 2006, Supervised the superintendent, district budget, hiring of personnel and overall management of children's education as a member and President of the board. Appointments include Nevada Association of School Boards (NASB) Director and Certified Committee member. Attended and presided over board meetings, several Board Workshops, NASB Workshop, NASB conference calls and the National School Board Association (NSBA) Conference in San Diego.

**Technical and Computer**

Pertinent skills include Microsoft Excel, Word, Powerpoint, Publisher, Project & Access, EnviroDataSolutions Access Database, Geotech Access Database, AllTopo, GIS, ACAD Map3, 12.0, 14.0, 2000, 2001, 2002, 2007 & 2008, WaterCAD, JDE, SAP, VW Miniloggers, Slope Indicator pressure transducers, Geokon pressure transducers, In-Situ Hermit pressure transducers, In-Situ miniTrolls, ruggedTrolls and levelTrolls, YSI meters, and Hydrolab Flow-Through-Cells

**Training**

Certified and attended classes in First Aid, HazWoper, Incident Commander, Site Supervisor, RCRA, Opacity, DOT, 2006 certified Boomtruck Operator, Kaizan & 5S Principles, Root-Cause Analysis, RNMC supervisor training, Newmont supervisor training, RMGC supervisor training, WSE Well Rehabilitation, Grundfos Pumping System Design and UNR Engaged Leadership Program.

**Miscellaneous**

Picker for the South Dakota Museum of Geology, Washed mud for the Rapid City Archeological Research Center, Data Processor for the Lyman County Title Company, farm hand for Gilman Farms and the family farm/ranch.

***EDUCATION***

**South Dakota School of Mines and Technology (SDSM&T), Rapid City, SD**  
BS in Geological Engineering, May 1992 with an emphasis in environmental groundwater hydrology through post graduate level courses