RESUME of JON F. KAMINSKY, P.G., L.H.G
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SPECIALIZATION

Jon F. Kaminsky is a professional hydrogeologist with 30 years of broad experience that includes technical and field-related responsibilities, project management, NEPA analysis, and natural resource management. His most recent focus has been the collection and analysis of geologic and hydrologic field data for natural resource evaluation and federal (BLM, USFS), state, and local permitting. Technical specialties include water well planning, construction, and testing, vadose zone monitoring, groundwater modeling and monitoring, groundwater and soil sampling, contamination and remediation studies, mine and oil/gas permitting, and solving problems related to reclamation, geomorphology, riparian habitat and channel restoration. Jon also periodically teaches courses at Western State Colorado University as adjunct faculty. He holds numerous state professional geologist and hydrogeologist licenses.

Jon was formerly with the Bureau of Land Management in Lander, Wyoming where he held the position of geologist and Assistant Field Manager for Minerals and Lands and managed an active locatable, leasable, and salable minerals department, involved with commodities such as oil & gas, uranium, gold, phosphate, and aggregates, in addition to analyzing and permitting large realty actions such as wind power, natural gas and CO2 pipelines, and utility corridors. While at the BLM, he authored the minerals-related sections of the Lander Field Office RMP, numerous minerals-related NEPA documents and the Lander Mineral Occurrence and Development Potential Report. He was also selected to the Pavillion Gas Field Groundwater Contamination Technology Team, a multi-agency team formed to evaluate study design and data concerning alleged groundwater impacts from shallow gas field hydro-fracking in the Wind River Basin, Wyoming.

He has worked on both sides of the regulatory desk in oil & gas and mining and has extensive experience from both regulator and proponent perspectives in preparing and implementing Resource Management Plans (RMPs), EISs, Environmental Assessments, and Remedial Investigation/Feasibility Studies. Jon has an in-depth knowledge of NEPA, FLPMA, 43 CFR 3809 Surface Management Regulations, 1872 Mining Law, Mineral Leasing Act of 1920 (as amended), and salable mineral regulations as they apply to the public lands.

Mr. Kaminsky is currently owner and principal hydrogeologist of a consulting business based in Gunnison, Colorado.

EDUCATION

1991, Master of Science, Hydrogeology, Idaho State University — Boise State University — University of Idaho Cooperative Master of Science in Hydrogeology, Pocatello, Idaho. Master's Thesis: *In Situ Characterization of Unsaturated Hydraulic Properties of Surficial Sediments Adjacent to the Radioactive Waste Management Complex, Idaho National Engineering Laboratory, Idaho.*

1987, Bachelor's Degree, Geology, Western State College of Colorado, Gunnison, Colorado. Senior Thesis: *Geology and petrography of the Shields Gulch Vermiculite Deposit, Chaffee County, Colorado.*

EMPLOYMENT HISTORY

Environmental Consultant, Gunnison, CO **Senior/Principal Hydrogeologist** **2012 – present**

Provider of environmental consulting services to private and governmental clients, specializing in hydrology, groundwater development, water well planning, drilling and construction oversight, environmental sampling and monitoring, geologic, geomorphic, mineral resource and watershed studies; NEPA document preparation.

Bureau of Land Management, Lander, WY **Assistant Field Manager/Geologist** **2007 – 2012**

Supervised a staff of 15 professionals and provided technical program oversight and decision making for hydrology, geology, minerals development, policy, and enforcement, realty, etc. for the BLM Lander Field Office, which includes over 2.5 million acres of public lands, and technical support for tribal minerals development and management on the Wind River Indian Reservation. Duties included:

- Supervision of the surface management (3809) program for locatable minerals (precious metals, uranium), the salable minerals (3600) operations program (aggregates, building stone), the solid leasable minerals (3500) program (phosphate, etc.), the fluid minerals (1315) program (oil & gas), and the realty program.
- Led ID teams, provided hydrologic, geologic, and project management for EIS projects, authored numerous NEPA documents, and portions of the Lander Planning Area Resource Management Plan (RMP) revision.
- Field Office Abandoned Mine Lands (AML) and HAZMAT Coordinator

Intel Corporation, Dupont, WA **Senior Software Engineer** **1997 – 2007**

Led a 20-person group of technicians performing highly technical hardware validation as either group manager or team lead in Intel Corporation's Platform Validation Laboratory (PVL), Intel's state-of-the-art server validation laboratory.

- Provided validation project management for numerous 2-way, 4-way, 8-way, and 16-way MP designs including Pentium pro, Xeon, and Itanium platforms with hundreds of IHV adapter cards, drives and other peripherals.
- Championed, designed, and programmed validation database saving Intel millions of dollars in headcount and technician time.
- Designed new processes, procedures and metrics-gathering/presentation tools for validation project managers resulting in greater efficiencies and increased QA results.

Environmental Consultant, Tacoma, WA **Senior/Principal Hydrogeologist** **1994 – 2000**

Principal/owner of a scientific and engineering services consultancy. Built a small business from ground up, generating business from contacts in public and private entities.

- Provided geologic engineering, project scoping and management, client/regulator negotiations, on-site hydrogeologic field investigations, Phase I Site assessments and document preparation.
- Geotechnical drilling oversight and soils evaluation
- Water well and monitoring well planning, and oversight of drilling, installation and development.
- Assisted clients in compliance with federal NPDES and NEPA regulations, Washington EPA, and county growth management acts.

Idaho National Laboratory, Idaho Falls, ID **Scientist** **1990 – 1994**

- Principal Investigator for the RWMC infiltration/drainage experiment, generating first-ever measurements of in-situ unsaturated flow through surficial sediments.
- Principal Investigator for the multi-year INL Test Area North Groundwater RI/FS.
- Test Reactor Area Shallow Groundwater Contamination Project Hydrogeologist.
- Work package manager for the INEL Well Inspection and Survey Project.
- Co-investigator for the INL drilling additives water quality experiment.
- Wrote and received a grant from DOE to study the application of unsaturated zone instrumentation to agriculture quality field measurement issues.
- Provided expert testimony and technical support for US EPA Region IX Environmental Monitoring Systems Laboratory litigating a California environmental groundwater cleanup action.
- Led numerous Phase I and Phase II hydrogeologic and environmental assessments.

FMC Gold Company, Denver CO **Exploration Geologist** **1988 – 1989**

U.S. Geological Survey, Denver, CO **Geologist** **1987**

PROFESSIONAL CERTIFICATIONS AND MEMBERSHIPS

- Licensed Hydrogeologist (L.HG.) and Geologist, Washington State, No. 1719
- Professional Geologist (P.G.) Wyoming PG-3630, Utah, No. 9404659-2250, and Idaho No. PGL-1403
- U.S. EPA Environmental Professional (CERCLA), U.S. Department of Interior
- MSHA Safety Training (surface, metal, non-metal)
- OSHA 40-hour Hazardous Waste Operations training
- OSHA Hazardous Waste Supervisor training
- U.S. Department of Energy Radiation Worker Certification, Idaho National Laboratory
- National Ground Water Association (NGWA)
- Geological Society of America (GSA)
- Rocky Mountain Association of Geologists (RMAG)
- Utah Geological Association (UGA)
- New Mexico Geological Society (NMGS)
- Wyoming Geological Association (WGA)
- Soil Science Society of America (SSSA)

RELEVANT TRAINING

2012, Writing Quality EA's and EIS's - Week-long Workshop (Conducted by Shipley Group)
2011, Department of Interior 40-hour Level 1 Supervisor Training (one-week DOI Course)
2010, Abandoned Mine Land Program Policy Handbook Training (BLM course)
2009, NEPA Concepts - Module 3 (BLM Course)
2009, NEPA Purpose and Need (BLM Course)
2009, Abandoned Mine Lands Site Clean-up Module (one-week BLM training)
2008, Environmental Site Characterization, Bonita Peak/Silverton, Colorado (one-week BLM training)
2007, NEPA Concepts - Module 1 & Module 2 (BLM Course)
2007, Introduction to Mining Law (BLM Course)

REPRESENTATIVE PROJECT EXPERIENCE

- *Groundwater Exploration and Aquifer Testing, Private Party Project, Mt. Crested Butte, Colorado* – Conducted groundwater exploration and successfully located groundwater resources in an environment (Mancos Shale) historically known for poor quality and production. Supervised drilling operations and conducted aquifer testing. Sampled well for general water quality parameters, organics (volatiles, pesticides) inorganics including nitrate/nitrite, metals, and micro-biologicals.

- *Hydrologic Evaluation, The Corner at Brush Creek Proposed Affordable Housing Development, Crested Butte, Colorado* – On-going evaluation of groundwater resources for a prospective high density residential development. Instrumented on-site well to characterize seasonal groundwater level changes and possible interference from nearby wells. Developed preliminary plans for future aquifer testing to be conducted at the appropriate project phase.

- *Water Quality Impact Source Assessment, Crested Butte, Colorado* – Due to suspected septic related impacts to water quality, Mesa Hydro-logic conducted DNA-protocol sampling to determine/rule-out possible sources of contamination (human, ruminants including wildlife and livestock, canine or avian). Several surface water locations and one groundwater location were sampled and submitted to laboratory for analysis.

- *Environmental Evaluation, Various mining properties, Bonita Peak (Eureka and Animas) Mining Districts, Silverton, Colorado* – As part of a team (Cushman & Wakefield, Gustavson Associates LLC) contracted by the U.S. Army Corp of Engineers to perform real property and mineral appraisals of several mining properties, Mesa Hydrologic assessed past, current and future environmental conditions resulting from mining activities (subcontract to Cushman and Wakefield, Park City, Utah).

- *CAD Support, Downing Reservoir, Lakewood, Colorado* – Provided CAD services to produce record drawings that illustrate the changes to the original reservoir design for a large environmental remediation project in Lakewood, Colorado (subcontract to Anders Environmental LLC, Boulder, Colorado).

- *Hydrologic Evaluation and Groundwater Resource Development, Gunnison County, Colorado* – Conducted evaluation of groundwater resources in an unexplored geologically complex mountainous terrain for a prospective luxury residential development. Based on the study results, planned and supervised the drilling, logging, and construction of exploratory water wells.

- *Geomorphology and Hazards Evaluation, Crested Butte South, Colorado* – Characterized geomorphology and assessed geologic hazards from earth flows in moderately steep terrain underlain by unstable Cretaceous marine shales and Jurassic siltstones, mudstones, and shales prone to failure.

- *Hydrologic, Geomorphic and Hazards Evaluation, Round Mountain, Gunnison County, Colorado* – Evaluated groundwater resource and identified favorable locations for domestic groundwater supplies. Conducted an investigation of site geomorphology and mapped and assessed geologic hazards associated with rock creep, slides, and rock fall for steep terrain overlying a proposed residential development site along State Highway 135.

- *Hydrologic Evaluation, Star Mountain, Gunnison County, Colorado* – Conducted evaluation of groundwater resources in a highly disturbed area underlain by mined-out subsurface coal workings, and siting and planning for a domestic water well.

- *Waste-Water Treatment Facility Water Balance, Town of Saguache, Colorado* – Conducted a water balance at the town's waste-water treatment facility lagoons to characterize a significant imbalance of inflow (sewer + precipitation + high groundwater) with respect to outflow (evaporation + infiltration + treated release).
- *Hydrologic Evaluation, Private Party Project, Mt. Crested Butte, Colorado* – Conducted evaluation of shallow groundwater resources for a prospective residential expansion. Supervised drilling operations and conducted aquifer testing. Sampled well for general water quality parameters, organics (volatiles, pesticides) inorganics including nitrate/nitrite, metals, and micro-biologicals.
- *Hydrologic Evaluation, Big C Builders Project, Gunnison, Colorado* – Conducted evaluation of groundwater resources for a prospective residential and commercial development.
- *Owl Creek Watershed Study, Hot Springs County, Wyoming* – Responsible for geologic, hydrogeologic, and hydrologic characterization within the Owl Creek basin, a watershed within the Greater Yellowstone Area, for a study commissioned by the Wyoming Water Development Commission (subcontractor to Lowham Walsh, Lander, Wyoming).
- *Hydrologic Evaluation, Whetstone Industrial Park Project, Crested Butte, Colorado* – Numerous test boreholes sited in Quaternary glacial units underlain by Cretaceous shale all failed to find adequate groundwater resources for a proposed industrial park. Mesa Hydro-Logic was retained to evaluate subsurface hydrogeology to identify a well site that would have high probability of meeting the desired yield. The analysis comprised the creation of a subsurface model built in GIS from data drawn from over 200 well logs, the USGS geologic quadrangle map, and surface topography generated from a DEM raster file, resulting in the discovery of groundwater resources meeting the client's needs.
- *Mineral Trespass Case, Uinta Basin, Utah* – Conducted field observations and provided expert opinion on mineral trespass case where surface owner' operations were alleged to have interfered with the mineral estate owner's ability to access minerals and adversely impacted the quality and distribution of salable minerals (subcontractor to Gustavson Associates LLC, Boulder, Colorado).
- *Yellowstone Generator Station MSAs, Yellowstone National Park, Wyoming* – Services provided to the National Park Service in compliance with Wyoming Department of Environmental Quality (WDEQ) rules for Minimum Site Assessments (MSAs). Conducted core drilling and subsurface sampling around several buried fuel tanks associated with power generator stations within in the Park (subcontractor to Lowham Walsh, Lander, Wyoming).
- *Lisbon Valley Copper Mine, La Sal, Utah* – On-going assistance to the company in developing a mine plan modification for submission to BLM with a focus on evaluating potential groundwater impacts from mining operations. Prepared Environmental Assessment (EA) for BLM to evaluate environmental impacts from mine pit backfilling.
- *TomCo Oil Shale Pilot Project, Bonanza, Utah* – Hydrogeologic evaluation of site conditions for the submission of a Ground Water Discharge Permit to the State of Utah. Conducted aquifer stress tests in several monitoring wells and prepared a geologic evaluation of the mining zone for comparison to similar nearby proposed mining sites (subcontractor to Lowham Walsh, Lander, Wyoming).
- *Sevier Lake Potash Mine Project, Utah* – Led team responsible for recharge analysis, hydrologic properties testing and analysis, and groundwater flow and transport modeling using MODFLOW-SURFACT. Output from the model was used to assist in mine layout and design, brine extraction rate, brine grade dilution rate, characterization of sources of recharge, ET rates, and solute transport. These data were then used to assist the calculation of reserves for feasibility studies as well as helping calibrate the environmental modeling for the eventual EIS required by the permitting agency (BLM, UDOGM).
- *Rasmussen Valley Phosphate Mine EIS, Idaho* – Assisting the 3rd party NEPA contractor and the agencies (USFS, BLM, IDEQ) as a participant on an ID team of scientists investigating hydrological, hydrogeological, and geochemical aspects of a planned phosphate mine in Southeast Idaho on the Caribou National Forest within the Greater Yellowstone Area (GYA). Participated in step-test and constant rate aquifer stress testing and corrected all data for Earth tide and barometric effects. Wrote Water Resources Technical Report and Hydrology section for EIS.
- *Paris Hills Phosphate Mine Project, Idaho* – Agency permitting support (USFS, BLM, IDEQ). Conducted the analysis of pneumatic slug tests to estimate hydrologic properties for initial estimate of groundwater flow into a

proposed underground phosphate mine located on the Cache National Forest within the Greater Yellowstone Area (GYA). These were also used to plan additional drilling and aquifer stress tests to better constrain the estimate of water in-flow to the mine. Assisted in developing hydrogeologic model to estimate impacts from underground mine dewatering.

- *Scott #2 Well Application for Permit to Drill (APD), Cooperative USFS/BLM Environmental Assessment* – As geologist and Assistant Field Manager for the Lander BLM Field Office, worked cooperative with USFS personnel to permit a controversial oil and gas well on the Shoshone National Forest located within the Greater Yellowstone Area (GYA) near Dubois, Wyoming. BLM had regulatory authority over the down-hole mineral estate permitting and necessary ROW, while the USFS was charged with permitting the surface use plan. Performed extensive review of the APD, conducted an on-site environmental evaluation, cooperated with the USFS in the EA process and decision record, and chaired a public meeting in Dubois to discuss issues with the concerned public.
- *Wind River Gas Field Hydrofracking Impact Investigation, Pavillion, Wyoming (BLM)* – Participated in the regulatory/industry cooperative workgroup chartered to evaluate the claim of connection between hydrofracking in a shallow gas reservoir and suspected groundwater contamination. Work group was responsible for planning and design of various research initiatives, including field data collection and evaluation. Key participant in public outreach in a highly contested and controversial atmosphere, with prospective far-reaching implications for industry and Federal/Tribal jurisdictional responsibilities.
- *Rattlesnake Mountains Gold Project, Wyoming (BLM)* – Led department responsible for preparing a large EA, and several amendments for the multi-year core/reverse drilling of a deep gold/REE exploration target. Concerns and challenges included wildlife impacts, and designing reclamation in a relatively un-impacted area due to extremely steep terrain and low precipitation
- *Strathmore Gas Hills Conventional Heap Leach Uranium Mine, Wyoming (BLM)* – Led department responsible for preparing an EA for exploratory operations and planning for an eventual EIS covering conventional open-pit/heap leach uranium operations. Concerns and challenges included designing a mine plan to work constructively with the State of Wyoming Abandoned Mine Lands Division in addressing impacts to previously-reclaimed pre-law mining disturbances, transportation issues surrounding four isolated mine units with a central heap facility, and consensus building among a variety of regulators including the BLM, Wyoming DEQ and the NRC, as well as issues affecting neighboring mine operations conducted by other parties.
- *Sheep Mountain Conventional Heap Leach Uranium Mine, Wyoming (BLM)* – Led department responsible for preparing an EIS for a conventional open-pit/underground/heap leach uranium operation on previously mined lands. Concerns and challenges included designing a mine plan to work constructively with State of Wyoming Abandoned Mine Lands Division plans to continue remediating existing pre-law disturbances in the permit area, dewatering of old mine workings, legacy mine pit water quality, and consensus building among a variety of regulators including the BLM, Wyoming DEQ and the NRC.
- *Grieve Field Secondary Enhancement Project, Wyoming (BLM)* – Led department responsible for preparing a large EA for a secondary enhancement project (CO_2 flood) in an older, depleted oil field. Components included plugging and abandonment of numerous wells, permitting new recovery and injection wells, and pipeline and power-line alternative development.
- *Bison Basin Field Secondary Enhancement Project, Wyoming (BLM)* – Led department responsible for preparing an EA for water flood secondary enhancement project in an older, depleted oil field. Components included plugging and abandonment of numerous wells, permitting new recovery and injection wells, and addressing field expansion issues in Greater Sage-Grouse (candidate species) core habitat.
- *Lander Field Office Resource Management Plan Revision (BLM)* – Led minerals-related contributions for the Resource Management Plan revision, encompassing an area of 6.6 million acres containing 4.7 million acres of federal mineral estate and 2.5 million acres of public lands are managed under the multiple-use mandate by the BLM. Sole author of the Mineral Occurrence and Development Report which informs alternative development with respect to mineral resource use and/or protective measures for other resource concerns.
- *Cameco/Power Resources Gas Hills In-Situ Recovery Uranium Mine, Wyoming (BLM)* – Led department responsible for preparing an EIS for a five mine-unit in-situ leach uranium operation on previously conventionally mined lands. Concerns and challenges included characterizing the effects on hydrogeology from over 15,000 delineation boreholes historically drilled in the area and hydrologic interactions with remaining pit lakes.

- *Moneta Divide Gas Field Development Project, Wyoming (BLM)* – Led department responsible for preparing an EIS for the future development of the Moneta Divide Gas Field (formerly the Gunbarrel/Madden/Iron Horse project), a 4,200 gas well expansion. Main concerns and challenges include air quality, surface disturbance/reclamation, and treatment and disposal of approximately 1,000,000 bbls per day of highly saline produced water.
- *Various Developers, Pierce County/Thurston County, Washington* – In accordance with Washington State Environmental Policy Act (SEPA) and various county regulations, prepared pre-development hydrogeologic reports for numerous clients, including residential developers, manufacturing facilities, and several schools and fire stations. Collected and analyzed precipitation data, soil textural data, mapped glacial units at the reconnaissance scale, and performed storm water run-off, percolation and nitrate loading analyses.
- *Princeton Bridge Geotechnical Project, City of Seattle, Washington* – Conducted geotechnical drilling and physical sample analysis (water content, texture) for the design of the foundation for the new Princeton Bridge, Seattle.
- *Reynolds Metal Company/(associated confidential client), Oregon* – Principal Investigator for a legal conflict involving accusations of Drilling-Introduced PAH Contamination in Several Boreholes at The Reynolds Metals Company, Troutdale, Oregon.
- *Thurston County LOTT Project, Olympia, Washington* – Principal Investigator for the estimation of County-wide Hydrogeologic Parameters Bearing on Potential of Vertical Movement of Reclaimed Water Related to the Lacey, Olympia, Tumwater, and Thurston County (LOTT) Project.
- *Tumwater School District No. 33, Seasonal Flooding Project, Tumwater, Washington* – Designed and constructed piezometers and groundwater monitoring plan to determine the nature of seasonal water table fluctuations as part of an effort to address surface flooding of low-lying areas at the Support Services Facility and Tumwater High School.
- *INL New Waste Treatment and Storage Facility Surficial Characterization, Idaho* – Conducted analyses of physical properties of sediment samples from various candidate sites for a replacement waste treatment and storage facility at the Idaho National Laboratory.
- *Expert Testimony, US EPA Region IX Environmental Monitoring Systems Laboratory* – Provided expert testimony and technical support for volatile organic contamination case involving several PRPs operating on the grounds of what is now the Burbank Airport in Southern California.
- *INL Test Area North Groundwater RI/FS, Idaho* - Principal Investigator for the multi-year Idaho National Laboratory Test Area North Groundwater RI/FS. Led installation of numerous deep monitoring wells, aquifer properties testing, sampled groundwater for volatile organics, semi-volatiles, inorganics, and radionuclides; conducted remedial interim action to remove radiological/organic-contaminated sludge plugging an injection well. Implemented a packer testing and sampling process in conjunction with a mobile certified laboratory to provide immediate analytical results to inform drilling "go, no-go" decisions, and to provide data to profile a contaminant plume, calculate mass, and select screen intervals in quasi-real time.
- *INL Test Reactor Area Shallow Groundwater Contamination Investigation, Idaho* – Logged cuttings, installed stainless steel monitoring wells, sampled groundwater for volatile organics, semi-volatiles, inorganics, and radionuclides; performed aquifer tests and data analysis to develop hydraulic conductivity values for inter-bedded silt and fractured basalt aquifer.
- *INL Drilling Additives Chemical Interaction Experiment, Idaho* – Co-investigator for the design and implementation of an experiment designed to characterize the impacts of various drilling additives on groundwater chemistry on the Idaho National Laboratory.
- *INL RWMC Infiltration/Drainage Experiment, Idaho* - Conducted vadose-zone infiltration/drainage experiment in surficial soils to generate hydraulic properties for modeling the flux of water and radioactive contaminants from disposal horizons at the Radioactive Waste Management Complex to the Snake River Plain aquifer. Project generated the first-ever measurements of in-situ unsaturated flow through surficial sediments at the Idaho National Laboratory.
- *INL Interactive Instantaneous Profile Program, Idaho* – Developed computer software solution for calculating unsaturated hydraulic properties estimates of field soils *in situ* using an instantaneous profile-type methodology. Used in processing a large number of time and water content data pairs for comparison to unit gradient and van Genuchten parameter estimation methods.

- *Various Municipal Water Purveyors, Washington* – Conducted aquifer protection (well head protection program) and groundwater resource studies for various water purveyors.
- *City of Olympia, Washington* - Designed and conducted the City of Olympia's North Percival Storm-water Facility Site Investigation, implemented to reduce storm water impacts on salmon habitat. Installed a network of shallow piezometers and developed a water balance for the site.
- *Beartrack Mine Associated Exploration targets, North Fork, Idaho* - Conducted mineral exploration in areas peripheral to a prospective open-pit gold mine in an effort to develop additional reserves in the area. Collected soil samples, logged drill cuttings, performed geologic field mapping, drafted maps and assay results.
- *FMC Gold Company Grassroots Exploration Activities, Nevada, Utah, Oregon, and Idaho* - Conducted grassroots mineral exploration with the purposes of discovering mineable deposits of gold and associated metals. Collected soil samples, stream sediment samples, logged drill cuttings, performed geologic field mapping, drafted maps and assay results.
- *Coterminous United States Mineral Assessment Project, Utah* - Geologic field work (mapping and geochemical sampling) as part of a Coterminous United States Mineral Assessment Project (CUSMAP) team, investigating prospects in West Tintic Utah Mining District, Simpson Mountains, and Deep Creek Mountains, Utah.

SELECTED PUBLICATIONS

Kaminsky, J. F., 2015, Environmental Assessment for the Centennial Pit Backfilling Mine Plan Modification for the Lisbon Valley Copper Mine, San Juan County, Utah: U.S. DOI Bureau of Land Management, DOI-BLM-UT-Y010-2014-0018.

Everett, B., Kaminsky, J. F., Effner, S., and Kramer, D, 2013, Hydrogeologic Characterization and Numerical Modeling of Groundwater Inflow to Support Feasibility Studies for Underground Mining – a Case Study in the Southeast Idaho Phosphate District: Proceedings, International Mine Water Association Symposium (IMWA 2013), Golden Colorado.

Kaminsky, J. F., 2012, Environmental Assessment for the Hard Pickens Placer Gold Mining Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA12-071.

Kaminsky, J. F., 2011, Environmental Assessment for the Jab-Antelope Uranium Exploration Drilling Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA08-103.

Kaminsky, J. F., 2010, Environmental Assessment for the Meadowlark Placer Mining Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA10-113.

Kaminsky, J. F., 2010, Environmental Assessment for the Miner's Delight Placer Gold Mining Project, Wyoming, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA10-078.

Kaminsky, J. F., (2009), Mineral Occurrence and Development Report for the Lander Field Office Planning Area, April 2009, U.S. Department of Interior, Bureau of Land Management, 194 p.

Kaminsky, J. F., (2009), Environmental Assessment for the Rattlesnake Hills Gold Exploration Drilling Project, U.S. DOI Bureau of Land Management, EA WY-050-EA09-036, 76 p.

Kaminsky, J.F., 2008, Environmental Assessment for the Wildhorse Greater Bison Basin Uranium Exploration Project, Wyoming, U.S. DOI Bureau of Land Management, EA WY-050-EA08-50.

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Nimmo, J. R., Perkins, K. S., Denton, M. A., Shakofsky, S. M., and Kaminsky, J. F., 1997, Measurement and Modeling of Two-Dimensional Unsaturated Zone Water Fluxes Near Buried Radioactive Waste at the Idaho National Engineering Laboratory [abs]: Proceedings, Field Testing and Associated Modeling of Potential High-Level Nuclear Waste Geologic Disposal Sites Workshop (FTAM), Lawrence Berkeley National Laboratory, Berkeley, California.

Nimmo, J.R., Perkins, K. S., Denton, M. A., Shakofsky, S. M., and Kaminsky, J. F., 1997, Measurement and Modeling of Two-dimensional Unsaturated Zone Water Fluxes near Buried Radioactive Waste at the Idaho National Engineering and Environmental Laboratory [abs.]: Fall meeting, American Geophysical Union, San Francisco, EOS, v. 78, no. 46, p. 298.

Kaminsky, J. F., and Wylie, A. H., 1995, Vertical Contaminant Profiling of Volatile Organics in a Deep Basalt Aquifer, Ground Water Monitoring and Remediation, v. 15, n. 2, p. 97-103.

Norrell, G. T., Kaminsky, J. F., and Bergren, C. L., 1993, Dissolved VOC Inventory Calculations as a Method of Evaluating DNAPL Occurrences in Contaminant Plumes: Examples from the Savannah River Site and the Idaho National Engineering Laboratory, in Proceedings from ER '93 Environmental Remediation Conference, U. S. Department of Energy, October 24-28, 1993, Augusta, Georgia, p. 1287-1295.

Kaminsky, J. F., Stormberg, G. J., and Wylie, A. H., 1993, Vertical Contaminant Profiling of Volatile Organics in a Deep Basalt Aquifer [Abs.]: *Fourth U. S. Dept. of Energy National Technology Information Exchange (TIE) Workshop, Knoxville, Tennessee, May 11-13*, 1993, p. 16.

Kaminsky, J. F., 1991, In Situ Characterization of Unsaturated Hydraulic Properties of Surficial Sediments Adjacent to the Radioactive Waste Management Complex, Idaho National Engineering Laboratory, Idaho [Abs.]: Journal of Groundwater, v. 29, n. 6, p. 927.

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Stein, H. J., D. L Kelly, J. F. Kaminsky, and I. R. Gordon, 1988, Field trip guide for the West Tintic Mining District, western Utah: U.S. Geological Survey Open-File Report 88-0558, 12 p.