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7.1 References

- Aikens, C. M. 1970. Hogup Cave. *University of Utah Anthropological Papers*, No. 93. Salt Lake City, Utah.
- Aikens, C. M and David B. Madsen. 1986. Prehistory of the Eastern Area. In: *Handbook of North American Indians, Great Basin*, volume 11, pp. 149-160. Warren L. d'Azevedo and William Sturtevant (Eds.) Washington, D.C.: Smithsonian Institution.
- Air Sciences, Inc. 2012. NEPA Air Quality Impact Analysis, Pan Mine Project. Prepared for Midway Gold US Inc. October 2012.
- Angel, Myron. 1958. *History of Nevada with an introduction by David F. Myrick*. Oakland, CA: Thompson and West, 1881 and reprinted by Berkeley, CA: Howell- North, 1958.
- Avian Power Line Interaction Committee (APLIC). 2006. *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006*. Washington, D.C.: Edison Electric Institute, APLIC, and Sacramento, CA: California Energy Commission.
- Banks, C., A. Van Wyke, B. Orcutt, and H. Brewer. 2012a. A Class III Cultural Resource Inventory of Approximately Three Miles of the "Lincoln Highway/Access Road Segment Four" for the Midway Gold Pan Project in White Pine County, Nevada. BLM Report No. 8111 NV-04-11-1888-1(P). Prepared by Chambers Group, Inc. for Midway Gold Corp and the U.S. Bureau of Land Management, Egan Field Office, Ely, Nevada.
- Banks, C., B. Orcutt, and H. Brewer. 2012b. A Class III Cultural Resource Inventory of Approximately 357 Acres for the Midway Gold Pan Project, White Pine County, Nevada. BLM Report No. 8111 NV-04-11-1913-2(P). Prepared by Chambers Group, Inc. for Midway Gold Corp. and the U.S. Bureau of Land Management, Egan Field Office, Ely, Nevada.
- Banks, C., A. Van Wyke, and H. Brewer. 2012c. A Class III Cultural Resource Inventory of Approximately 5.5 Miles of Proposed Access Road for the Midway Gold Pan Project in White Pine County, Nevada. BLM Report No. 8111 NV-04-11-1935-1(P). Prepared by Chambers Group, Inc. Prepared by Chambers Group, Inc. for Midway Gold Corp and the U.S. Bureau of Land Management, Egan Field Office, Ely, Nevada.
- Banks, C., B. Orcutt, and H. Brewer. 2012d. A Class III Cultural Resource Inventory of Approximately 760 Acres for the Midway Gold Pan Project, White Pine County, Nevada. BLM Report No. 8111-NV-04-11-1954(P). Prepared by Chambers Group, Inc. for Midway Gold Corp. and the U.S. Bureau of Land Management, Egan Field Office, Ely, Nevada.
- Barrick Gold Corporation (Barrick). 2011. Exploration Success. Barrick Annual Report 2011. http://www.barrick.com/Theme/Barrick/files/docs_annual/2012/09-Exploration-success.pdf

- Basgall, Mark. E. and K. R. McGuire. 1988. The Archaeology of CA-INY-30: Prehistoric Culture Change in the Southern Owens Valley, California. Report submitted to California Department of Transportation, District 9, Bishop, California. Davis, CA: Far Western Anthropological Research Group, Inc.
- Beck, C. 1995. Functional Attributes and the Differential Persistence of Great Basin Dart Forms. *Journal of California and Great Basin Anthropology*, 17(2):222-243.
- Beck, C. 1998. Projectile Point Types as Valid Chronological Units. In *Unit Issues in Archaeology: Measuring Time, Space, and Material*. A. F. Ramenofsky and A. Steffen (Eds.). Salt Lake City, UT: University of Utah Press, pp. 21-40.
- Beck, Charlotte and George T. Jones. 2000. Paleoarchaic Archaeology in the Great Basin. In *Models for the Millennium*, pp. 83-95. Charlotte Beck (Ed.). Salt Lake City, UT: University of Utah Press.
- Beck, D. I. 1975. Attributes of a Wintering Population of Sage Grouse. North Park, Colorado. 49 p. Thesis, Colorado State University, Fort Collins,
- Bengston, Ginny. 2003. Northern Paiute and Western Shoshone Land Use in Northern Nevada: A Class I Ethnographic/Ethnohistoric Overview. Cultural Resource Series No. 12, Nevada. U.S. Bureau of Land Management, December 2002.
- Bettinger, R. L. 1991. Aboriginal Occupation at Altitude: Alpine Villages in the White Mountains of Eastern California. In: *Natural History of Eastern California and High-Altitude Research*. C. A. Hall, Jr., and V. Doyle-Jones (Eds.) University of California, Los Angeles, White Mountain Research Station Symposium Volume 3, pp. 341.
- Bettinger, R. L. 1994. How, When, and Why Numic Spread. In: *Across the West: Human Population Movement and the Expansion of the Numa*, pp. 44-55. D. B. Madsen and D. Rhode (Eds.) Salt Lake City, UT:University of Utah Press.
- Bettinger, R. L., and M. A. Baumhoff. 1982. The Numic Spread: Great Basin Cultures in Competition. *American Antiquity* 47 (3): 485-503.
- Billat, S. 1989. Intermountain Antiquities Computer System (IMACS) Site Form for 26WP3929 (46- 05972). U.S. Bureau of Land Management, Ely District Office, Ely, Nevada.
- Billat, Scott E., and Lorna B. Billatt. 1990. An Archaeological Inventory of the Alta Gold Pan Project in the Pancake Range, South of Pancake Summit, White Pine County, Nevada. Technical Series No. 90-2, Provo, UT: Brigham Young University Museum of Peoples and Cultures.
- Blankenship Consulting LLC. 2008. Mount Hope Project Socioeconomic Assessment. Prepared for General Moly, Inc. June 2008.
- Blankenship Consulting, LLC. 2009. Supplemental Information to Address Eureka County Concerns with the June 2, 2008 Mount Hope Project Socioeconomic Assessment. March 2009.
- Boeker, E. L. and T .D. Ray. 1971. Golden eagle population studies in the southwest. *The Condor*, 73:, pp. 463-467.

- Bowers, M. H., and H. Muessig. 1982. History of Central Nevada: An Overview of the Battle Mountain District. Cultural Resource Series No. 4. Reno, NV: U.S. Bureau of Land Management,
- Bradley, P.V., M.J. O'Farrell, J.A. Williams, and J.E. Newmark. Editors. 2006. The Revised Nevada Bat Conservation Plan. Nevada Bat Working Group. Reno, Nevada.
- Braun, Clait E., J.W. Connelly and M.A. Schroeder. 2005. Seasonal Habitat Requirements for Sage-grouse: Spring, Summer, Fall, and Winter. In: Sage-grouse Habitat Restoration Symposium Proceedings. PP 38-42. June 4-7, 2001. Nancy L. Shaw, Mike Pellant, Stephen B. Monsen (Eds.). Boise, ID. Fort Collins, Co. U.S. Department of Agriculture, Forest Service Proceedings RMRS-P-38.2005.
- Braun, C. E., O. O. Oedekoven, and C. L. Aldridge. 2002. Oil and Gas Development in Western North America: Effects on Sagebrush Steppe Avifauna with Particular Emphasis on Sage Grouse. Transactions of the North American Wildlife and Natural Resources Conference volume 67: 337–349.
- Bureau of Land Management (BLM). 1984. Manual 8400: Visual Resource Management. U.S. Bureau of Land Management. April 1984.
- Bureau of Land Management (BLM). 1986a. Visual Resource Contrast Rating. BLM Manual Handbook 8431-1. U.S. Bureau of Land Management.
- Bureau of Land Management (BLM). 1986b. Visual Resource Inventory Handbook: H-8410-1,. January 17, 1986
- Bureau of Land Management (BLM). 1990. Cumulative Impact Analysis (IM No. NV-90-435). U.S. Bureau of Land Management, Nevada State Office. September 27, 1990.
- Bureau of Land Management (BLM). 1991. Nevada State Office, Nevada Cyanide Management Plan. August 22, 1991.
- Bureau of Land Management (BLM). 1993. Robinson Project Environmental Assessment. (NV-040-2-37). February 1993.
- Bureau of Land Management (BLM). 1995. Bald Mountain Mine Expansion Project Final Environmental Impact Statement and Record of Decision. U.S. Bureau of Land Management, Ely Field Office, Nevada. September 1995.
- Bureau of Land Management (BLM). 2000a. Ely District Managed Natural and Prescribed Fire Plans, Ely, Nevada. U.S. Bureau of Land Management, Ely District Office. November 17, 2000
- Bureau of Land Management (BLM). 2000b. Interpreting Indicators of Rangeland Health. Version 3. Technical Reference 1734-6. (BLM/WO/ST-00/001-734). Denver, CO: BLM National Science and Technology Center Information and Communications Group.
- Bureau of Land Management (BLM). 2001a. Falcon to Gonder 345kV Transmission Project Final Environmental Impact Statement and Proposed Resource Management Plan Amendments. (NV 063-EIS00-27). December 2001.

Bureau of Land Management (BLM). 2001b. Instruction Memorandum No. NV-040-2001-02, Ely District Policy Management Actions for the Conservation of Migratory Birds. To Bureau of Land Management Employees, Ely Field Office, from Field Manager, Ely. May 23, 2001.

Bureau of Land Management (BLM). 2004a. Management Guidelines for Sage-Grouse and Sagebrush Ecosystems in Nevada. June 2004.

Bureau of Land Management (BLM). 2004b. General Procedural Guidance for Native American Consultation (Handbook H-8120-1). December 2004.

Bureau of Land Management (BLM). 2004c. Castleworth Ventures, Inc.: Pan Exploration Project: Environmental Assessment: NV-040-04-010 [NVN078305]. U.S. Bureau of Land Management, Ely Field Office. May 2004.

Bureau of Land Management (BLM). 2004d. Easy Junior Mine Closure Project Environmental Assessment. (NV-040-04-17). July 2004.

Bureau of Land Management (BLM). 2005. Ruby Hill Mine Expansion-East Archimedes Project Final Supplemental Environmental Impact Statement (NVN-067762) (NV063-EIS04-34). July 2005.

Bureau of Land Management (BLM). 2007a. Ely Proposed Resource Management Plan and Final Environmental Impact Statement. November 2007.

Bureau of Land Management (BLM). 2007b. Northeast Great Basin Resource Advisory Council Standards and Guidelines.

Bureau of Land Management (BLM). 2007c. Smoky Canyon Mine, Panels F&G Expansion. Bureau of Land Management, Idaho Falls District. October 2007.

Bureau of Land Management (BLM). 2008a. National Environmental Policy Act Handbook BLM Handbook H-1790-1. January 2008.

Bureau of Land Management (BLM). 2008b. Ely District Record of Decision and Approved Resource Management Plan. August 2008.

Bureau of Land Management (BLM). 2008c. Special Status Species Management Manual for the Bureau of Land Management. Revised Manual 6840. United States Bureau of Land Management.

Bureau of Land Management (BLM). 2008d. Preliminary Environmental Assessment: Limousine Butte Exploration Project. (NV-043-08-01)(N84651). July 2008.

Bureau of Land Management (BLM). 2008e. Environmental Assessment: Southwest Intertie Project Southern Portion. (NV-040-07-048). July 2008.

Bureau of Land Management (BLM). 2008f. Visual Resource Management Areas: EYDO [Vector Digital Data]. Bureau of Land Management, Ely District: Ely, Nevada.

Bureau of Land Management (BLM). 2009a. Final Environmental Impact Statement for the Bald Mountain Mine North Operations Area Project(380910 NVL0100). August 2009.

Bureau of Land Management (BLM). 2009b. Final Record of Decision for the Newark Allotment.

Bureau of Land Management (BLM). 2009c. Final Record of Decision for the South Pancake Allotment.

Bureau of Land Management (BLM). 2010a. Final Environmental Impact Statement for the ON Line Project.

Bureau of Land Management (BLM). 2010b. Final Record of Decision for the Duckwater Allotment.

Bureau of Land Management (BLM). 2010c. Lookout Mountain Exploration Project Environmental Assessment. (NVN-086574). July 2010.

Bureau of Land Management (BLM). 2010d. Emigrant Final Environmental Impact Statement. (NVN78123). December 2010.

Bureau of Land Management (BLM). 2010e. Letter from the BLM regarding the modification to the Stonehouse Hazardous Fuels Reduction and Habitat Improvement Project in reply to 9214 (NVL-0044). July 2010.

Bureau of Land Management (BLM). 2011a. DR/FONSI and APPROVAL for the Midway Gold Pan Project Exploration Amendment Environmental Assessment. July 2011.

Bureau of Land Management (BLM). 2011b. Preliminary Environmental Assessment, Midway Gold Pan Project Exploration Amendment. (NVL010-2011-0011). July 2011.

Bureau of Land Management (BLM). 2011c. Greater Sage-Grouse Interim Management Policies and Procedures (IM No. 2012-043). December 22, 2011.

Bureau of Land Management (BLM). 2011d. Instructional Memorandum No. 2012-044: BLM National Greater Sage Grouse Land Use Planning Strategy December 27, 2011.

Bureau of Land Management (BLM). 2011e. National Operations Center, Division of Resource Services. Geographic Information Systems (GIS) Geospatial Data for Nevada. http://www.blm.gov/nv/st/en/prog/more_programs/geographic_sciences/gis/geospatial_data.html. June, July and August 2012, multiple days.

Bureau of Land Management (BLM). 2011g. Mount Hope Project Draft Environmental Impact Statement Volume I of II. (NV063-EIS07-019). December 2011.

Bureau of Land Management (BLM). 2012a. Land and Mineral Legacy Rehost 2000 System-LR2000. <http://www.blm.gov/lr2000/>. August, September and October 2012, multiple days.

Bureau of Land Management (BLM). 2012b. State Protocol Agreement between the BLM, State of Nevada, and the Nevada SHPO. January 2012.

Bureau of Land Management (BLM). 2012c. Environmental Assessment: Ruby Hill Project (DOI-BLM-NV-B010-2012-0047-EA). August 2012.

- Bureau of Land Management (BLM). 2012d. Federal and State Agencies Seek Public Input on Overland Pass/Big Wash Habitat Improvement Project. http://www.blm.gov/nv/st/en/info/newsroom/2012/february/ely_federal_and_state.html Accessed October 2012, multiple days.
- Bureau of Land Management (BLM). 2012e. Clark, Lincoln, and White Pine Counties Groundwater Development Project Final Environmental Impact Statement (NV9410). August 2012.
- Bureau of Land Management (BLM). 2012f. VRM System. http://www.blm.gov/wo/st/en/prog/Recreation/recreation_national/RMS/2.html. June, July, August 2012, multiple days.
- Bureau of Land Management (BLM). 2012g. Geocommunicator. <http://www.geocommunicator.gov/blmMap/Map.jsp?MAP=SiteMapper>. June, July, August 2012, multiple days.
- Bureau of Land Management (BLM). 2012h. White Paper on BLM and U.S. Forest Service Preliminary Habitat Map. http://www.blm.gov/nv/st/en/prog/wildlife/greater_sage-grouse/preliminary_habitat.html. December 7, 2012.
- Bureau of Land Management (BLM). 2012i. Gold Rock Exploration Amendment Final Environmental Assessment. U.S. Department of the Interior, Bureau of Land Management (NVL010-2012-0044). November 2012.
- Bureau of Land Management (BLM). 2012j. BLM Manual 6330-Management of BLM Wilderness Study Areas (Release Number 6-134). July 13, 2012.
- Casazza, M.L., P.S. Coates, and C.T. Overton. 2011. Linking Habitat Selection and Brood Success in Greater Sage-Grouse. Pp. 151-167 in Ecology, Conservation, and Management of Grouse. Studies in Avian Biology (no. 39). B.K. Sandercock, K. Martin, and G. Segelbacher (Eds.), University of California Press, Berkeley, CA.
- Casjens, L. A.. 1974. The Prehistoric Human Ecology of Southern Ruby Valley, Nevada. Ph.D. dissertation, Harvard University.
- Clay, V. L. 1997. Within the Gathering, Hunting, and Sacred Sphere of the Tosawih: Archaeological Survey and Evaluation of 2480 Acres in the Proposed Rock Creek Dam and Reservoir Project, Lander County, Nevada. Virginia City, NV: Archaeological Research Services, Inc.
- Clay, V. L., and M. Hemphill. 1986. An Evaluation of Five Sites in the Proposed Rock Creek Dam and Project Area, Lander County, Nevada. Virginia City, NV: Archaeological Research Services, Inc.
- Clewlow, C. W., Jr., H. F. Wells, and R. D. Ambro. 1978. History and Prehistory at Grass Valley, Nevada. Monograph VII, Institute of Archaeology, University of California, Los Angeles.
- Coates, Peter S. and David J. Delehanty. 2010. Nest predation of greater sage-grouse in relation to microhabitat factors and predators. DOI: 10.2193/2009-047. *Journal of Wildlife Management* 74(2):240-248.

- Connelly, J.W., M.A. Schroeder, A.R. Sands, and C.E. Braun. 2000a. Nevada Energy and Infrastructure Development Standards to Conserve Greater Sage-Grouse Populations and their Habitats. Nevada Governor's Sage-Grouse Conservation Team. April 2010.
- Connelly, John W., Schroeder, Michael A., Sands, Alan R., and Braun, Clait E. 2000b. Guidelines to Manage Sage Grouse Populations and their Habitats. *Wildlife Society Bulletin* 2000, 28(4): 967-985. <http://sagemap.wr.usgs.gov/>. Accessed on July 30, 2012.
- Connelly, J. W., A. D. Apa, R. B. Smith, and K. P. Reese. 2000c. Effects of predation and hunting on adult sage grouse *Centrocercus urophasianus* in Idaho. *Wildlife Biology* 6:227-232.
- Connelly, John W., Reese, Kerry P., Schroeder, Michael A. 2003. Monitoring of Greater Sage-Grouse Habitats and Populations. Station Bulletin 80. College of Natural Resources Experiment Station. Moscow, Idaho. October 2003. <http://sagemap.wr.usgs.gov/> Accessed July 6, 2012.
- Council on Environmental Quality (CEQ). 1997. Environmental Justice: Guidance Under the National Environmental Policy Act. Council on Environmental Quality, Executive Office of the President. December 1997.
- Crocker, Malcolm J (Ed.). 1998. Handbook of Acoustics. Wiley-Interscience Publication. New York, N.Y. February 23, 1998.
- Cronquist, A., A.H. Holmgren, N.H. Holmgren, J.L. Reveal and P.K. Holmgren. 1989. Intermountain Flora. Volume Three, Part B: Fabales. New York Botanical Garden.
- Damele, Ron. Public Works Director for Eureka County. Telephone conversation with Jan Elise Stambro, Senior Research Economist for the Bureau of Economic and Business Research, University of Utah on July 12, 2012 and in-person interview on August 3, 2012.
- Davis, Schelle, Jenni Prince Mahoney, and Jon Schulman. 2007. Global Warming/Climate Change: an overview, associated science and project impacts. Sandy, UT: JBR Environmental Consultants. February 1, 2007.
- Delacorte, M. G. 1991. Room to Move: Environment, Demography, and Adaptation in the Mono-Inyo Region of Eastern California. In *Natural History of Eastern California and High-Altitude Research*, pp. 342-355. C. A. Hall, Jr., and V. Doyle-Jones (Eds.) White Mountain Research Station Symposium Volume 3. University of California, Los Angeles.
- Delacorte, M. G and R. McGuire. 1993. Report of Archaeological Test Evaluations at Twenty-three sites in Owens Valley, California. Report submitted to Contel of California and the U.S. Bureau of Land Management, California Desert District. Davis, CA:Far Western Anthropological Research Group, Inc.,
- Delacorte, M. G. 1997. Cultural Change along The Eastern Sierra Nevada and Cascade Front: Volume I, History Of Investigation And Summary Of Findings. Report prepared for Tuscarora Gas Transmission Company, Reno.
- Desert Mountain Realty, Inc. (Desert Mountain Realty). 2013. <http://desertmountainrealty.com/home.phtml>. Accessed January 2, 2013.

- Dwyer Engineering, LLC. 2012. Modeling Report in Support of a Soil Cover Design. Midway Gold, Eureka County, Nevada. Prepared for Applied Soil Water Technologies. January 2012.
- Eaton, G. P. 1979. Regional Geophysics, Cenozoic Tectonics, and Geologic Resources of the Basin and Range Province and Adjoining Regions. In: Newman, G. W. and H. D. Goode, Basin and Range Symposium and Great Basin Field Conference. Denver, Colorado: Rocky Mountain Association of Geologists, pp. 11–40.
- Elliott, Russell R. 1973. The History of Nevada. University of Nebraska Press, Lincoln and London.
- Elliot, Russell R., and William D. Rowley. 1987. History of Nevada, second edition. Lincoln, NV: University of Nebraska Press.
- Ellis, K. L. 1984. Behavior of lekking sage grouse in response to a perched golden eagle. *Western Birds* 15:37–38.
- Elston, R. G. 1986. Prehistory of the Western Area. In Great Basin, In; Handbook of North American Indians, Vol. 11, pp. 135-160 . Warren L. d’Azevedo and W.C. Sturtevant, (Eds.). Washington, D.C.: Smithsonian Institution.
- Elston, R. G., and Elizabeth Budy. 1990. The Archaeology of James Creek Shelter. University of Utah Anthropological Papers, No. 115, Salt Lake City, Utah.
- Elston, R.G., and Margaret E. Bullock (Eds.). 1994. Behind the Argenta Rim: Prehistoric Land Use in Whirlwind Valley and the Northern Shoshone Range. Intermountain Research, Silver City, Nevada. Prepared for Gold Fields Mining Company and Santa Fe Pacific Gold Corporation.
- Elston , R. G., and C. Raven (Eds.). 1992. Archaeological Investigations at Tosawihi, A Great Basin Quarry: Part 3: A Perspective from Locality 36. Intermountain Research, Inc. Silver City, Nevada.
- Estes, Mark. 2009. Paleoindian Occupations in the Great Basin: A Comparative Study of Lithic Technological Organization, Mobility, and Landscape Use from Jakes Valley, Nevada. Master’s thesis, Department of Anthropology, University of Nevada, Reno.
- Eureka County Assessor’s Office. 2010. Housing Unit Counts for July 1, 2010. Final Certification for 2010 Estimates. Received by email on July 13, 2012.
- Eureka County Board of Commissioners (ECBC). November 2011. Eureka Canyon Subdivision Making Progress.
<http://www.co.eureka.nv.us/housing/Nov%202011%20newsletter%20rev%206%20FINAL.pdf>. Accessed October, 2012, multiple days.
- Eureka County. 2010. Eureka County Master Plan 2010. Eureka County, Nevada. pp 6-61 and 6-62 http://www.co.eureka.nv.us/pdf/Master_Plan_Final%202010.pdf. Accessed July 2, 2012.
- Eureka County Recorder/Auditors Office. 2011. Comprehensive Annual Financial Report, June 30, 2011. www.co.eureka.nv.us/audit/auditor01.htm. Accessed July 6, 2012.

- Federal Motor Carrier Safety Administration (FMCSA). 2001. Comparative Risks of Hazardous Materials and Non-Hazardous Materials Truck Shipment Accidents/Incidents. March 2001.
- Floyd, T., C.S. Elphick, G. Chisolm, K. Mack, R.G. Elston, E.M. Ammon, and J.D. Boone. 2007. Atlas of the breeding birds of Nevada. University of Nevada Press.
- Fowler, Don. D. 1968. The Archaeology of Newark Cave, White Pine County, Nevada. Social Sciences and Humanities Publication No. 3. Western Studies Center, Desert Research Institute, Reno.
- Franzwa, Gregory M. 2004. The Lincoln Highway: Nevada (Volume 5). Tucson, AZ: The Patrice Press,
- Garza, Jim. 2012. Director of Community and Economic Development for White Pine County, Ely, Nevada. In person interview with Jan Elise Stambro, Senior Research Economist for the Bureau of Economic and Business Research, University of Utah on August 3, 2012 and telephone conversation with Jan Elise Stambro on July 11, 2012.
- Golder Associates Inc. 2011. Pre-feasibility Level Pit Slope Evaluation, Pan Project, White Pine County, Nevada. Prepared for Midway Gold Corp. Project 103-91724. Reno, NV: Golder Associates Inc.. April 2011.
- Governor's Greater Sage-grouse Advisory Committee (GGSAC). 2012. Strategic Plan for Conservation of Greater Sage-grouse in Nevada. Presented to Governor Sandoval July 31, 2012. 15 P.
- Grayson, Donald K. 1993. The Desert's Past: A Natural Prehistory of the Great Basin. Washington, D.C.: Smithsonian Institution Press.
- Gustavson Associates. 2011. NI-43-101 Technical Report, Feasibility Study for the Pan Gold Project. White Pine County, Nevada. November 2011.
- Gullion, Gordon W. 1964. Wildlife uses of Nevada Plants. Contributions toward a Flora of Nevada: No. 49. CR-24-64. 170 P. Beltsville, MD: U.S. Department of Agriculture, Agricultural Research Service, Crops Research Division. Washington, DC: U.S. National Arboretum, Herbarium.
- Hall, Sarah Workman. 2008. Archaeological Excavations at the Maryland Wells Site (26WP1849/CrNV-46-5081), White Pine County, Nevada. Submitted to the U.S. Bureau of Land Management, Ely District, Nevada. Prepared for Land Services, Inc. by Summit Envirosolutions, Inc. Manuscript in possession of Summit Envirosolutions, Reno, Nevada.
- Hall, Shawn. 1994. Romancing Nevada's Past. Ghost Towns and Historic Sites of Eureka, Lander, and White Pine Counties. University of Nevada Press, Reno.
- Hardesty, D. L., and E. M. Hattori. 1982. Archaeological Studies in the Cortez Mining District, 1981. U.S. Bureau of Land Management Report CRR6-472(P). On file at the Bureau of Land Management Battle Mountain Field Office, Nevada.

- Harris, Don. 2007. Pan Project Geology Map, Unpublished Geologic Map of the Pan Property, MGC Resources. (Project number 103-91724).
- Harris, D. 2009. NI 43-101, Technical Report: Pan Project, White Pine County, Nevada
- Heilweil, V.M., and Brooks, L.E., eds. 2011. Conceptual Model of the Great Basin Carbonate and Alluvial Aquifer System: U.S. Geological Survey Scientific investigations Report 2010-5193, 191 p.
- Heizer, Robert F. and Thomas R. Hester. 1973. Review and Discussion of Great Basin Projectile Points: Forms and Chronology. Contributions of the University of California Archaeological Research Facility, Berkeley.
- Hockett, Brian S. 1995. Chronology of Elko Series and Split Stemmed Points from Northeastern Nevada. *Journal of California and Great Basin Anthropology* 17(1):41-53.
- Holloran, M. J. 2005. Greater sage-grouse (*Centrocercus urophasianus*) population response to natural gas field development in western Wyoming. Ph.D. Dissertation, University of Wyoming, Laramie, USA.
- Hose, R.K., and M.C. Blake Jr., and R.M. Smith. 1976, Geology and Mineral Resources of White Pine County, Nevada. Nevada Bureau of Mines and Geology, Bulletin 85.
- Hulse, James W. 1991. The Silver State. University of Nevada Press, Reno.
- Intergovernmental Panel on Climate Change (IPCC). 2007. Summary for Policymakers In Climate Change 2007: The Physical Science Basis. Contribution of Working Group 1 to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge and New York: Cambridge University Press.
- International Organization for Standardization (ISO). 1996. Standard 9613-2: Acoustics-Attenuation of Sound Propagation Outdoors. Part 2: General Method of Calculation. Geneva, Switzerland.
- Interralogic Inc. 2011. Midway Gold US Inc. Interim Baseline Geochemistry Report, Pan Project, Nevada.
- Interralogic, Inc. 2012a. Midway Gold U.S. Inc., Final Baseline Geochemistry Report, Pan Project, Nevada. January 2012.
- Interralogic, Inc. 2012b. Midway Gold U.S. Inc., Groundwater Monitoring Plan, Pan Project, Nevada. January 2012.
- Interralogic Inc. 2012c. Midway Gold US Inc., DRAFT Baseline Hydrogeology Report, Pan Project, Nevada.
- Interralogic Inc. 2013a. Midway Gold US Inc., Groundwater Monitoring Plan, Pan Project, Nevada. January 2013.
- Interralogic Inc. 2013b. Midway Gold US Inc., Waste Rock Management Plan, Pan Project, Nevada. January 2013.

- James, Steven R. 1981. Prehistory, Ethnohistory and History of Eastern Nevada: A Cultural Resources Summary of the Elko and Ely Districts. BLM Cultural Resource Series No. 3.
- Jass, C.N. and Bell, C.J. 2010. Desert Tortoises (*Gopherus agassizzi*) from Pleistocene sediments in Cathedral Cave, White Pine County, Nevada.
- JBR Environmental Consultants, Inc. (JBR). 2010. Vegetation Baseline Survey Report, Pan Project. Prepared for Midway Gold Corp., Dated November 2010.
- JBR Environmental Consultants, Inc. 2011a. 2011 Raptor Nest Survey. Pan Project. White Pine County, Nevada. Finalized November 10, 2012.
- JBR. 2011b. Waters of the United States jurisdictional determination for the Pan Project, White Pine County, Nevada (JBR Project B.A1229.00; JBR Report Number 990 Final). Prepared for Midway Gold Corp. JBR Environmental Consultants, Inc. Elko, NV. March 4, 2011.
- JBR Environmental Consultants, Inc. (JBR). 2012a. Scoping Summary Report for the Pan Mine Project Environmental Impact Statement (JBR Project Number B.A12070.00). Prepared for Midway Gold US Inc. JBR Environmental Consultants, Inc. Reno, NV. June 14, 2011.
- JBR Environmental Consultants. 2012b. 2011 Vegetation Baseline Survey Report, Pan Project, White Pine County, Nevada (JBR Project Number B.A11278.00; JBR Report Number 1051 Final). Prepared for Midway Gold Corp. JBR Environmental Consultants, Elko, NV. Survey was performed in 2011 but report was finalized January 2012.
- JBR Environmental Consultants, Inc. 2012c. 2011 Wildlife Baseline Survey Report. Pan Project. White Pine County, Nevada (JBR Project Number B.A11278.00; JBR Report Number 1057 Final). Prepared for Midway Gold Corp. JBR Environmental Consultants, Elko, NV. Survey was performed in 2011 but report was finalized April 13, 2012.
- JBR Environmental Consultants, Inv. (JBR). 2012d. Biological Baseline Survey Report Green Lantern Project Eureka, Nevada (Project Number B.A12256.00). Prepared for Newmont Mining Corporation. JBR Environmental Consultants.
- Johnston, S., P. Waski, and G. Foulkes. 1985. Intermountain Antiquities Computer System (IMACS) Site Form for Site No. 26WP3415/CrNV-046-3934 (Eighteen Mile Well House). Nevada State Historic Preservation Office, Nevada Cultural Resource Information System (NVCRIS).
- Kaiser, R. C. 2006. Recruitment by greater sage-grouse in association with natural gas development in western Wyoming. M.S. Thesis, University of Wyoming, Laramie, USA.
- King, J., K. McGuire, K. Carpenter, M. Maniery, C. Baker, H. McCarthy, H. Scotten, M. Delacorte, D. C. Young, and H. Myers. 2004. Class I Cultural Resources Overview and Research Design for the Alturas, Eagle Lake, and Surprise Resource Areas. Far Western Anthropological Research Group, Inc., with PAR Environmental Services, Inc., and Cultural Resource Consulting. Submitted to the U.S. Bureau of Land Management Surprise, Eagle Lake, and Alturas field offices.

- Kobriger, Jerry D. and John M. McCarthy. 2005. Management Plan and Conservation Strategies for Greater Sage-grouse in North Dakota. North Dakota Game and Fish Department. July, 2005.
- Lincoln Highway Association. 1916. The Complete Official Road Guide of the Lincoln Highway. Detroit, Michigan: Lincoln Highway Association National Headquarters.
- Lyon A.G., and S.H. Anderson. 2003. Potential gas development impacts on sage-grouse nest initiation and movement. *Wildlife Society Bulletin* 31:486–491.
- Madsen, D. B. 1989. Exploring the Fremont. Salt Lake City, UT: Utah Museum of Natural History, University of Utah.
- McBride, T. 2002. Exploration and Early Settlement In Nevada: Historic Context. Nevada State Historic Preservation Office, Carson City.
- Mine Development Associates (MDA). 2005. Pan Gold Project, Updated Technical Report, White Pine County, Nevada USA. Prepared for Castleworth Ventures. January 2005.
- Mears, Michael A. 2012. Eureka County Assessor. Telephone conversation with Jan Elise Stambro, Senior Research Economist for the Bureau of Economic and Business Research, University of Utah, on July 11, 2012.
- Midway Gold Corporation (Midway). 2012. Pan Mine Plan of Operations and Reclamation Permit Application (BLM Case File Number NVN-078305) (Permit No. 0228). Revised May 2012.
- Midway Gold Corporation (Midway). 2013. Pan Project Stormwater Management Plan. January 2013.
- Montana Sage grouse Work Group (MSGWG). 2005. Management Plan and Conservation Strategies for Sage Grouse in Montana-Final. Rev. 1-2-2005.
- Montana Field Guide. 2012. Montana's Official State Website, Search Field Guide. <http://fieldguide.mt.gov/default.aspx>.
- Mt. Hamilton LLC (Mt. Hamilton). 2012. Mt. Hamilton LLC Centennial-Seligman Mining Project White Pine County, Nevada Mine Plan of Operations. Submitted to U.S. Forest Service on November 2012.
- MT. Wheeler Power (MWP). 2012. Mt. Wheeler Power, Inc. Highway 50 to Pan 69 KV Transmission Line Project White Pine County, Nevada, Plan of Development. October 2012.
- National Audubon Society, Inc. (Audubon). 2010. Bird Conservation Audubon watch list for the Pinyon Jay. <http://audubon2.org/watchlist/viewSpecies.jsp?id=159>. Accessed June 20, 2010.
- National Invasive Species Council (NISC). 2010. Executive Order 13112 to ensure Federal programs and activities to prevent and control invasive species are coordinated, effective, and efficient. <http://www.invasivespecies.gov/>. Accessed July 2012.

- National Park Service. 2004. Lincoln Highway: Special Resource Environmental Assessment. U.S. Department of the Interior, Washington D.C. Crystal Bay, NV: D. L. Zerga & Associates.
- Natural Resources Conservation Service (NRCS). 1990. Soil Survey of Western White Pine County Area, Nevada – Parts of Eureka and White Pine Counties, Volume 1.
- Natural Resources Conservation Service (NRCS). 2006. Profile for the Greater Sage-Grouse. February 2006. <http://www.plant-materials.nrcs.usda.gov>. Accessed July 26, 2012.
- Natural Resources Conservation Service (NRCS). 2012. National Hydric Soils List. <http://soils.usda.gov/use/hydric/>. Accessed July 20, 2012.
- NatureServe Explorer. 2012. NatureServe Explorer Species Index. <http://www.natureserve.org>.
- Nevada Bureau of Mines and Geology (NBMG). 1980. A Preliminary First Stage Study of Nevada Coal Resources. NBMG Open-File Report 80-5. Nevada Bureau of Mines and Geology.
- Nevada Bureau of Mines and Geology (NBMG) and Ron Hess. 2001. Nevada Oil and Gas Well Database Map with GIS Layers. NBMG Open File Report 01-7. Nevada Bureau of Mines and Geology.
- Nevada Bureau of Mines and Geology (NBMG). 2010. Handwritten notes on sandstone quarries dated 5-20-69 in “Coal Mines in Pancake District.” Item no. 35100016. In Nevada Mining District File Collection with Index and Search Engine. Nevada Bureau of Mines and Geology Open-File Report OF10-8. 2nd ed. Electronic document, <http://www.nbmq.unr.edu/mdfiles/mdfiles.htm>. Accessed February 23, 2012.
- Nevada Bureau of Mines and Geology (NBMG) and Ron Hess. 2011. Nevada Oil and Gas Wells Listed by Increasing Township, Range, and Section. Nevada Bureau of Mines and Geology. August 2011.
- Nevada Bureau of Mines and Geology (NBMG). 2012a. Interactive Geothermal Maps: GIS Overviews of Great Basin Geospatial Data. Nevada Bureau of Mines and Geology. <http://www.nbmq.unr.edu/Geothermal/InteractiveMaps.html>. Accessed October 2012.
- Nevada Bureau of Mines and Geology (NBMG). 2012b. Current Geothermal Projects/Exploration Activity. <http://www.nbmq.unr.edu/Geothermal/Exploration.html>. Accessed October 2012, multiple days.
- Nevada Department of Conservation and Natural Resources, Nevada State Demographer. 2012. Certified Population Estimates for 2001 to 2010 of Nevada’s Counties, Cities and Towns. www.nvdemography.org. Accessed July 2, 2012.
- Nevada Department of Education. 2010. Nevada Annual Reports of Accountability: 2010-2011. <http://www.nevadareportcard.com>. Accessed July 16, 2012.
- Nevada Department of Transportation (NDOT). 1927. Highway Map of the State of Nevada. State of Nevada Department of Highways. Electronic document, http://www.nevadadot.com/uploadedFiles/NDOT/Traveler_Info/Maps/1927HwyMapDuplexWeb.pdf. Accessed November 28, 2011.

- Nevada Department of Transportation (NDOT). 1929. Highway Map, State of Nevada. State of Nevada Department of Highways. Electronic document, http://www.nevadadot.com/uploadedFiles/NDOT/Traveler_Info/Maps/1929HwyMapDuplexWeb.pdf. Accessed November 28, 2011.
- Nevada Department of Transportation (NDOT). 2011. 2011 Annual Traffic Report for White Pine County. Nevada Department of Transportation, Traffic Information Division.
- Nevada Department of Wildlife (NDOW). 2004. Greater Sage-Grouse Conservation Plan for Nevada and Eastern California. Sage-Grouse Conservation Team. First Edition. <http://www.ndow.org>. Accessed July 2012, multiple days.
- Nevada Department of Wildlife (NDOW). 2006. Nevada Wildlife Action Plan. Developed by the Wildlife Action Plan Team, Nevada Department of Wildlife, Reno, Nevada. June 23, 2006.
- Nevada Department of Wildlife (NDOW). 2007. Mule Deer Herd Prescription for Management Area 10. March 2007.
- Nevada Department of Wildlife (NDOW). 2012a. Nevada Department of Wildlife Management Units [Map]. 1in=25miles. <http://www.ndow.org/hunt/maps/unitmap.shtm>. Accessed July 19, 2012.
- Nevada Department of Wildlife (NDOW). 2012b. Nevada Department of Wildlife: 2011-2012 Big Game Status. Reno, NV: Nevada Department of Wildlife.
- Nevada Division of Employment, Training & Rehabilitation (NDETR). 2010. Research and Analysis Bureau. Local Area Employment and Unemployment. <http://www.nevadaworkforce.com/cqi/dataanalysis/AreaSelection.asp?tableName=Labforce>, Accessed July 2012, multiple days.
- Nevada Division of Environmental Protection (NDEP). 1994. Best Management Practices Handbook. Nevada Division of Environmental Protection (Bureau of Water Quality Planning) and the Nevada Division of Conservation Districts. 1994. <http://ndep.nv.gov/bwqp/bmp03.htm>. Accessed June 26, 2007.
- Nevada Division of Environmental Protection (NDEP). 1998. Revegetation Guidelines.
- Nevada Division of Environmental Protection (NDEP). 2012. Section 303(d)/305(b) Integrated Report. <http://ndep.nv.gov/bwqp/303dlist.htm>. Accessed July 18, 2012.
- Nevada Division of Water Resources (NDWR). 2008. GIS shapefile “wr_pod_2007_07” showing points of diversion for the state of Nevada. Nevada Division of Water Resources, Carson City.
- Nevada Division of Water Resources (NDWR). 2011. Crop and Irrigation Pumpage Inventory, Newark Valley-Basin 154. <http://images.water.nv.gov/images/Crop%20Inventories/2011/NewarkValleyCropInv2011.pdf>. Accessed January 16, 2013.

- Nevada Division of Water Resources (NDWR). 2012. Nevada Division of Water Resources, Carson City. <http://water.nv.gov/waterrights/>. Accessed July 16, 2012.
- Nevada Division of Water Resources (NDWR). 2013. Crop and Irrigation PUmpage Inventory, Newark Valley-Basin 154. <http://water.nv.gov/mapping/inventories/CropInv.cfm>. Accessed January 8, 2013
- Nevada Natural Heritage Program (NNHP). 2010. Data Request and Consultation. Department of Conservation and Natural Resources, Carson City, Nevada. April 22, 2010.
- Nevada Natural Heritage Program (NNHP). 2012. Nevada Rare Plant Atlas. Rare Plant Fact Sheets (compiled in 2001). <http://heritage.nv.gov/atlas/atlas.html>. Carson City, Nevada.
- Nichols, William D. 2000. Regional Ground-Water Evapotranspiration and Ground-Water Budgets, Great Basin, Nevada. U.S. Geological Survey Professional Paper 1628.
- Nye County. 2012. Nye County Comprehensive Economic Development Strategy (CEDS). June 29, 2012. www.nyecounty.net/DocumentCenter/view/20861. Accessed September 13, 2012.
- Orcutt, B. and H. Brewer. 2012. A Class III Cultural Resource Inventory of Approximately 2,920 Acres for the Midway Gold Pan Mine Project in White Pine County, Nevada. BLM Report No. 8111-NVL0100-NV04-12-1979(P). Prepared by Chambers Group, Inc. Prepared for Midway Gold Corp. and the U.S. Bureau of Land Management, Egan Field Office, Ely, Nevada.
- Pagel, J.E., D.M. Whittington, and G.T. Allen. 2010. Interim Golden Eagle Technical Guidance: Inventory and Monitoring Protocols; and other Recommendations in support of Eagle Management and Permit Issuance. Division of Migratory Bird Management, U.S. Fish and Wildlife Service.
- Paher, Stanley W. 1970. Nevada Ghost Towns and Mining Camps. Berkeley, CA: Howell-North Books.
- Parker, Patricia L. and Thomas F. King. 1994. Guidelines for Evaluating and Documenting Traditional Cultural Properties. National Register Bulletin No. 38. Washington, D.C.: U.S. National Park Service.
- Parker, Patricia L., and Thomas F. King. 1998. National Register Bulletin Guidelines for Evaluating and Documenting Traditional Cultural Properties. U.S. National Park Service. National Register History and Education, National Register of Historic Places.
- Patterson, Edna B, Louise A Ulph and Victor Goodwin. 1969. Nevada's Northeast Frontier. Sparks, NV: Western Printing and Publishing Company,
- Pavelko, Michael T. 2007. Spring Database for the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and Adjacent Areas in Nevada and Utah, Data Series 272, Version 1.1. U.S. Geological Survey. August 30, 2007.
- Podborny, Mike. 2012a. Game Biologist, Nevada Department of Wildlife. Personal communication with Josh Vittori, Biologist for JBR Environmental Consultants, on July 6, 2012.

- Prince, B. A., and S. E. Johnston. 1988. A Model of Late Pleistocene and Early Holocene Adaptation in Eastern Nevada. In *Early Human Occupation in Far Western North America: The Clovis-Archaic Interface*. J. A. Willig, C. M. Aikens, and J. L. Fagan (Eds.), pp. 53-74.
- Price, Jonathan G., Jordan Hastings, and Christine Arritt. 2007. *Assessment of Risks and Vulnerability to Earthquake Hazards in Nevada*, Nevada Bureau of Mines and Geology Open-File Report 07-1. Nevada Bureau of Mines and Geology, University of Nevada, Reno.
- Publiclands.org. 2012. Public Lands Information Center: East Central Nevada Quadrant Map, Recreation Search. http://www.publiclands.org/explore/quadrant_map.php?quad=nv_q6&plicstate=NV. Accessed October 31, 2012.
- Pupacko, Alex, David B. Wood, and Rhea P. Williams. 1989. *Geohydrologic Data for Selected Springs in Eastern Nevada through 1982, with Emphasis on White Pine County*, U.S. Geological Survey Open-File Report 88-712, prepared in cooperation with the Nevada Department of Conservation and Natural Resources, Division of Water Resources.
- Reid, Harry. 2012. Press Releases. Reid: Senate Votes to Extend PILT, Secure Rural Schools Funding for Nevada. <http://www.reid.senate.gov/newsroom/>. Accessed July 14, 2012.
- Reno, Ronald L. 1994. *The Charcoal Industry in the Roberts Mountains, Eureka County, Nevada: Final Report for the Mitigation of Adverse Effects to Significant Cultural Properties From Atlas Precious Metals' Gold Bar II Mine Project, Volume 1*. BLM Report No. CRR-06-1193(P). Virginia City, NV: Archaeological Research Services, Inc..
- Resource Concepts, Inc. 2005. *White Pine County Fire Plan*. <http://www.rci-nv.com/reports/whitepine/>. Accessed on July 1, 2012.
- Romin, L.A. and J. A. Muck. 1999. *Utah Field Office guidelines for raptor protection from human and land use disturbances*. Salt Lake City, UT: U.S. Fish and Wildlife Service, Utah Field Office, 42pp.
- Rowland, M. M. 2004. *Effects of management practices on grassland birds: Greater Sage-Grouse*. Version 12. Northern Prairie Wildlife Research Center, Jamestown, ND. Northern Prairie Wildlife Research Center Online. <http://www.npwrc.usgs.gov/>. Accessed August 2004.
- Ryser, Fred A. 1985. *Birds of the Great Basin*. Max C. Fleischmann series in Great Basin Natural History. Reno, NV: University of Nevada Press.
- Sage-grouse National Technical Team (NTT). 2011. *A Report on National Greater Sage-Grouse Conservation Measures*. U.S. Bureau of Land Management. December 21, 2011. <http://www.blm.gov>. Accessed July 6, 2012.
- Sanchez, V. 2012 and 2013. Duckwater Shoshone Tribal Chairman. Personal communication with Jan Elise Stambro, Senior Research Economist for the Bureau of Economic and Business Research, University of Utah on December 18 and 20, 2012, and January 3, 2013.

- Sawyer, Byrd Wall. 1971. Nevada Nomads; A Story of the Sheep Industry. San Jose, CA: Harlan-Young Press.
- Shaputis, June (compiler). 1999. 1887 Assessment Roll Book, White Pine County, Nevada. Electronic document, http://www.webpanda.com/white_pine_county/Goverment/1887wp_accessment.htm. Accessed June 6, 2011.
- Shepperson, W. S. 1970. Restless Strangers: Nevada's Immigrants and their Interpreters. Lancehead Series. Reno, NV: University of Nevada Press.
- Simms, S. 1990. Fremont Transitions. *Utah Archaeology*, 3(1):1-18.
- Smith, Roscoe M. 1976. Part II: Mineral Resources. In Geology and Mineral Resources of White Pine County, Nevada, by Richard K. Hose, M. C. Blake, Jr., and Roscoe M. Smith, Nevada Bureau of Mines and Geology Bulletin 85. Mackay School of Mines, University of Nevada, Reno, pp. 36- 105.
- SRK Consulting US Inc. 2013. Petroleum-Contaminated Soil Management Plan for the Pan Mine Project. January 2013.
- Stever, Deanna. Mineral Administrator for the USFS Ely Ranger District. Phone Conversation and email communication with Steve Morton, Environmental Analyst/Land Planner with JBR Environmental Consultants on October 4, 2012.
- Steward, Julian H. 1938. Basin-Plateau Aboriginal Sociopolitical Groups. Smithsonian Institution, Bureau of Ethnology Bulletin 10. Washington D.C.: Smithsonian Institution.
- Suter, G.W., H, and J.L. Jones. 1981. Criteria for golden eagle, ferruginous hawk, and prairie falcon nest site protection. *Journal of Raptor Research*, 15:12-18.
- Tadlock, W. L. 1966. Certain Crescentic Stone Objects as Time Markers in the Western United States. *American Antiquity*, 31:662-675.
- Tetra Tech, Inc (Tetra Tech). 2011. Soil Survey, Pan Project White Pine County, Nevada. Lakewood, CO: Tetra Tech, Inc. October 2011.
- Tetra Tech (Tetra Tech), Inc 2012a. Addendum to Soil Survey, Pan Project White Pine County, Nevada. Lakewood, CO: Tetra Tech, Inc. May 2012.
- Tetra Tech (Tetra Tech), Inc 2012b. Reclamation Plan for the Plan of Operations and Reclamation Permit Application, Pan Project White Pine County, Nevada. October 2011 (Rev. 2 April 2012). Tetra Tech, Inc, Colorado.
- Thomas, David H. 1981. How to Classify the Projectile Points from the Monitor Valley, Nevada. *Journal of California and Great Basin Archaeology* 3(1): 7-43.
- Thomas, David H. 1982. The 1981 Alta Toquima Village Project: A Preliminary Report. Desert Research Institute Social Sciences Center Technical Report Series 27. Reno, NV: DRI.
- Thomas, David H. 1986. The Archaeology of Hidden Cave, Nevada. Anthropological Papers Vol. 61, Pt. 1. American Museum of Natural History, New York.

- Thomas, David H. 1994. Chronology and the Numic Expansion. In *Across the West: Human Population Movement and the Expansion of the Numic*. D. B. Madsen and D. Rhode (Eds.), pp. 56-61. Salt Lake City, UT: University of Utah Press.
- Thomas, David Hurst, Lorann S. A. Pendleton, and Stephen C. Cappannari. 1986. Western Shoshone. In: *Handbook of North American Indians*, Vol. 11, Great Basin, Warren L. D'Azevedo, William C. Sturtevant (Eds.). Washington, D.C.: Smithsonian Institution, pp. 262-283.
- Tingley, Joseph V. 1998. *Mining Districts of Nevada, Second Edition*. Nevada Bureau of Mines and Geology Report 47. Mackay School of Mines, University of Nevada, Reno.
- Tingley, J. V. and Jo L. Bentz. 1983. A Mineral Inventory of the Egan District Resource Area, Ely District, Nevada. NBMG Open-File Report 83-1. Nevada Bureau of Mines and Geology.
- Udvardy, Miklos D. F. 1994. *Field Guide to Birds Western Region*. Revised Edition. National Audubon Society. John J. Farrand, Jr. (Ed.). New York: Knopf.
- United States Army Corps of Engineers (USACE). 1987. *Wetlands Delineation Manual*. Technical Report Y-87-1, Environmental Laboratory, U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi.
- United States Census Bureau (U.S. Census Bureau). 2000. 2000 County-to-County Worker Flow Files. <http://www.census.gov/population/www/cen2000/commuting/index.html>. Accessed July 12, 2012.
- United States Census Bureau (U.S. Census Bureau). 2002. CO-EST2001-07-32 Time Series of Nevada Population Estimates by County, April 1 2000 to July 1, 2001. <http://www.census.gov/popestdata/historical/2000/vintage+2001/county/html>. Accessed June 10, 2012.
- United States Census Bureau (U.S. Census Bureau). 2008. *A Compass for Understanding and Using American Community Survey Data: What General Data Users Need to Know*. U.S. Government Printing Office: Washington, D.C.
- United States Census Bureau (U.S. Census Bureau). 2010a. *American Community Survey: Puerto Rico Community Survey: 2010 Subject Definitions*.
- United States Census Bureau (U.S. Census Bureau). 2010b. 2010 Census, DP 1: Profile of General Population and Housing Characteristics: 2010. <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> Accessed June 10, 2012.
- United States Census Bureau (U.S. Census Bureau). 2010c. 2010 Census Interactive Population Map, Eureka County. <http://2010.census.gov/2010census/popmap/ipmtext.php?fl=32>. Accessed May 21, 2012.
- United States Census Bureau (U.S. Census Bureau). 2011a. 2010 Census Summary File 1 [Nevada].

- United States Census Bureau (U.S. Census Bureau). 2011b. 2006-2010 American Community Survey [Nevada].
- United States Census Bureau (U.S. Census Bureau). 2011c. 2006-2010. Units in Structure, Universe: Housing Units, 2006-2010 American Community Survey 5-Year Estimates. <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?ftp=table>. Accessed July 11, 2012.
- United States Census Bureau (U.S. Census Bureau). 2012a. 2010 Census Summary File 1: 2010 Census of Population and Housing: Technical Documentation. March 2012.
- United States Census Bureau (U.S. Census Bureau). 2012b. How the Census Bureau Measures Poverty. <http://www.census.gov/hhes/www/poverty/about/overview/measure.html>. Accessed July 18, 2012.
- United States Census Bureau (U.S. Census Bureau). 2012c. Selected Economic Characteristics, 2007-2011 American Community Survey 5-Year Estimated. http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_DO03&prodType=table. Accessed December 19, 2012.
- United States Department of Agriculture (USDA). 1990. Soil Survey of Western White Pine County Area, Nevada, Parts of Eureka and White Pine Counties. U.S. Natural Resources Conservation Services.
- United States Department of Agriculture (USDA). 1993. Soil Survey Manual. U.S. Department of Agriculture Handbook 18. U.S. Natural Resources Conservation Service (Soil Survey Division Staff).
- United States Department of Agriculture [USDA]. 2007. National Agriculture Statistics Service [NASS]. 2007 Census of Agriculture – County Data. www.agcensus.usda.gov/Publications/2007/Full_Report. Accessed July 15, 2012.
- United States Department of Agriculture (USDA). 2012a. The PLANTS Database. National Plant Data Team, Greensboro, NC 27401-4901 USA. U.S. Natural Resources Conservation Services. <http://plants.usda.gov>.
- United States Department of Agriculture (USDA). 2012b. Farm Service Agency Aerial Imagery accessed on Google Earth on October 2012, multiple days.
- United States Department of Commerce, Bureau of Economic Analysis [BEA]. 2010a. 2010 Regional Economic Information System, Table CA25N Total Full-time and Part-time Employment by NAICS Industry. Washington, D.C. July 2012.
- United States Department of Commerce, Bureau of Economic Analysis [BEA]. 2010b. REIS Table CA05N Personal Income by Major Source and Earnings by NAICS Industry. REIS <http://www.bea.gov/iTable>. Accessed May 21, 2012
- United States Environmental Protection Agency (EPA). 1971. Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances. Prepared by

- Bolt, Beranek and Newman under Contract 68-04-0047 for the U.S. EPA Office of Noise Abatement and Control. Washington, D.C. December 31, 1971
- United States Environmental Protection Agency (EPA). 1976. Resource Conservation and Recovery Act (RCRA). Section 3001. <http://epw.senate.gov/rcra.pdf>. Accessed July 16, 2012.
- United States Environmental Protection Agency (EPA). 1998. Final Guidance for Incorporating Environmental Justice Concerns in the U.S. Environmental Protection Agency's National Environmental Policy Act Compliance Analyses. Washington D.C.: EPA, April 1998.
- United States Environmental Protection Agency (EPA). 2002a. Toxic Substance Control Act (TSCA) as amended. Section 7. <http://epw.senate.gov/tsca.pdf>. Accessed July 16, 2012.
- United States Environmental Protection Agency (EPA). 2002b. Clean Water Act (CWA) as amended. Sections 307(a) and 311. <http://epw.senate.gov/water.pdf>. Accessed July 16, 2012.
- United States Environmental Protection Agency (EPA). 2004. Clean Air Act (CAA) as amended. Section 112. <http://epw.senate.gov/envlaws/cleanair.pdf>. Accessed July 16, 2012.
- United States Environmental Protection Agency (EPA). 2012a. "Climate Change." Climate Change Basics. <http://epa.gov/climatechange/basics/>. Accessed June 14, 2012.
- United States Environmental Protection Agency (EPA). 2012b. EJ View, formerly known as Environmental Justice Geographic Assessment Tool. [Map depiction of County-level U.S. Census Bureau 2006-2010 American Community Survey poverty data]. <http://epamap14.epa.gov/eimap/entry.html>
- United States Environmental Protection Agency (EPA). 2012c. GIS Data and Land Cover (GAP) Maps collected between 1999 and 2001 for the state of Nevada. http://www.epa.gov/nerlesd1/land-sci/nv_geospatial/pages/nvgeo_gis1.htm#map
- United States Fish and Wildlife Service (USFWS). 2010. Data Request and Consultation with Josh Vitorri, Biologist with JBR Environmental Consultants on May 5, 2010. U.S. Fish and Wildlife Service, Reno, NV.
- United States Fish and Wildlife Service (USFWS). 2012. National Wetland Inventory <http://www.fws.gov/wetlands/Data/index.html>. Accessed on July 12, 2012.
- United States Forest Service (USFS). 1987. Scoping Document for U.S. Minerals Exploration Company's Proposed Green Springs Mine Development. October 1987.
- United States Forest Service (USFS). 2003. Conservation Assessment of Loggerhead Shrike (*Lanius ludovicianus*). U.S. Forest Service, Eastern Region. 2003.
- United States Forest Service (USFS). 2011. Ely Westside Rangeland Project. U.S. Forest Service. June 2011.
- United States Forest Service (USFS). 2012a. Wheeler Ridge Mineral Exploration Project Cumulative Effects White Paper. U.S. Forest Service. March 2012

- United States Forest Service (USFS). 2012b. Wheeler Ridge Mineral Exploration Project. http://www.fs.fed.us/nepa/nepa_project_exp.php?project=38398&exp=location. Accessed October 2012, multiple days.
- United States Forest Service (USFS). 2012c. Overland Pass Fuels Project. http://www.fs.fed.us/nepa/nepa_project_exp.php?project=36593. Accessed October 2012, multiple days.
- United States Forest Service (USFS). 2012d. Schedule of Proposed Actions (SOPA) 07-01-2009 to 09-30-2009: Humboldt-Toiyabe National Forest. <http://www.fs.fed.us/sopa/components/reports/sopa-110417-2009-07.html#27>. Accessed October 2012, multiple days.
- United States Forest Service (USFS). 2012e. Ward Mountain Interagency Landscape Restoration and Fuels Reduction Project. http://data.ecosystem-management.org/nepaweb/nepa_project_exp.php?project=36586&exp=detail. Accessed October 2012, multiple days.
- United States Forest Service (USFS). 2012f. Siegel Creek Road Restoration. http://data.ecosystem-management.org/nepaweb/nepa_project_exp.php?project=37601. Accessed October 2012, multiple days.
- United States Forest Service (USFS). 2012g. Griffon Definition Mineral Exploration Drilling Project. http://data.ecosystem-management.org/nepaweb/nepa_project_exp.php?project=40143. Accessed October 2012, multiple days.
- United States Geological Survey (USGS). 2012a. Earthquake Hazards. http://earthquake.usgs.gov/regional/imw/imw_bnr_faults/. Accessed July 18, 2012.
- United States Geological Survey (USGS). 2012b. NEIC: Earthquake Search Results. <http://neic.usgs.gov/cgi-bin/epic/epic.cgi?SEARCHMETHOD=2&FILEFORMAT=4&SEARCHRANGE=HH&SLAT2=40.09095&SLAT1=38.49395&SLON1=-116.708&SLON2=-114.809&SYEAR=&SMONTH=&SDAY=&EYEAR=&EMONTH=&EDAY=&LMAG=&UMAG=&NDEP1=&NDEP2=&IO1=&IO2=&CLAT=0.0&CLON=0.0&CRAD=0.0&SUBMIT=Submit+Search>. Accessed July 19, 2012.
- United States Geological Survey (USGS). 2012c. Northern Prairie Wildlife Research Center. Wyoming Rare Plant Field Guide for Starveling Milkvetch. <http://www.npwrc.usgs.gov/resource/plants/wyplant>. Accessed July 2012.
- United States Geological Survey (USGS). 2012d. National Hydrography Dataset. <http://nhd.usgs.gov/index.html>. Accessed July 11, 2012.
- United States Geological Survey (USGS). 2012e. NEIC: Earthquake Search Results. <http://neic.usgs.gov/cgi-bin/epic/epic.cgi?SEARCHMETHOD=2&FILEFORMAT=4&SEARCHRANGE=HH&SLAT2=39.35068&SLAT1=39.23596&SLON1=-115.721&SLON2=-115.777&SYEAR=&SMONTH=&SDAY=&EYEAR=&EMONTH=&EDAY=&LMAG=&UMAG=&NDEP1=&NDEP2=&IO1=&IO2=&CLAT=0.0&CLON=0.0&CRAD=0.0&SUBMIT=Submit+Search>. Accessed July 19, 2012.

- United States Geologic Survey (USGS). 2012f. ESRI ArcGIS Explorer. Accessed October 2012, multiple days.
- United States Geologic Survey (USGS). 2012g. Streamflow Data Results. http://waterdata.usgs.gov/nwis/help?output_formats_help#streamflow_measurement_data. Accessed July 2012.
- United States Department of the Interior (USDI). 1918. Migratory Bird Treaty Act (1918 as amended), 16 U.S.C. 703-712. U.S. Fish and Wildlife Service.
- United States Department of the Interior (USDI). 1973. Endangered Species Act, 16 U.S.C. 1531-1544. U.S. Fish and Wildlife Service.
- University of Nevada Cooperative Extension (UNCE). 2002. *Duckwater Shoshone Indian Reservation Agriculture and Natural Resource Focus Group Session Results*. Cooperative Extension, Fact Sheet-02-44
www.unce.unr.edu/publications/files/cd/2002/fs0244.pdf. Accessed January 2, 2013
- University of Nevada Cooperative Extension (UNCE). 2010. Nevada's Noxious Weeds. UNCE Publications Database (<http://www.unce.unr.edu/publications>). University of Nevada, Reno.
- University of Nevada Reno (UNR). 2012. Liquefaction. <http://www.nbmq.unr.edu/Geohazards/Liquefaction.html>. Accessed July 23, 2012
- Upper Green River Basin Sage-Grouse Working Group. 2007. Upper Green River Basin Sage-Grouse Conservation Plan. May 24, 2007.
http://qf.state.wy.us/wildlife/wildlife_management/sagegrouse/UpperGreenRiver/Upper%20Green%20River%20Basin%20SG%20Conservation%20Plan5-24-07.pdf. Accessed January 2013.
- USA.com. 2012. White Pine County Natural Disasters and Weather Extremes. <http://www.usa.com/white-pine-county-nv-natural-disasters-extremes.htm>. Accessed July 17, 2012.
- ViewPoint Consulting & Design (ViewPoint). 2012. Final Visual Baseline Study Report, Visual Resources and Landscape Aesthetics, Pan Project, White Pine County, NV. January 20, 2012.
- Vlasich, J.A. 1981. History of Elko and Ely Districts. In Prehistory, Ethnohistory, and History of Eastern Nevada: A Cultural Resource Summary of the Elko and Ely Districts, Cultural Resource Series 3. S.R. James (Ed.). U.S. Bureau of Land Management, April 1981, pp.211-272.
- Wheat, Carl. 1954. Jedediah Smith and His Maps of the American West. San Francisco, CA: California Historical Society.
- Welch, A.H., D.J. Bright, and L.A. Knochenmus (Eds.) 2007. Water resources of the Basin and Range carbonate-rock aquifer system, White Pine County, Nevada, and adjacent areas in Nevada and Utah: U.S. Geological Survey Scientific Investigations Report 2007-5261, 96 p.

- Western Bat Working Group (WBWG). 2005. Species Accounts developed for the 1998 Reno Biennial Meeting. Updated at the 2005 Portland Biennial Meeting. http://www.wbwg.org/speciesinfo/species_accounts/species_accounts.html.
- Western Regional Climate Center (WRCC). 2012. <http://www.wrcc.dri.edu/summary/Climsmnv.html>. Accessed July 2012.
- White Pine County. 2009. White Pine County Land Use Plan. White Pine County Community and Economic Development Office. January 2009.
- White Pine County Community and Economic Development (WPCCED). 2011. White Pine County 2011 Comprehensive Economic Development Strategy (CEDS). April 4, 2012. Received via email from Elaine Blackman on July 19, 2012.
- White Pine County Community and Economic Development (WPCCED). 2012. Housing Value Needs Assessment, White Pine County, Nevada. May 8, 2012. Received via email from Elaine Blackham on July 20, 2012.
- White Pine County Finance Director. 2011. White Pine County, Nevada Financial Statements for the Fiscal Year Ended June 30, 2011. Received via email by Charles A. Rodewald on July 17, 2012.
- White Pine County Public Land Use Advisory Committee (PLUAC). 1998. White Pine Public Land Use Plan. May 1998.
- White Pine County Public Land Use Advisory Committee (PLUAC). 2007. 2007 White Pine County Public Lands Policy Plan. White Pine County Public Land Users Advisory Committee. August 2007. <http://lands.nv.gov/docs/SLUPA/WhitePinePlan.pdf> Accessed on July 1, 2012.
- White Pine County Water Advisory Committee (WPCWAC). 2006. White Pine County Water Resources Plan. August 2006. http://ndep.nv.gov/bffwp/docs/water_execsum.pdf. Accessed July 2, 2012.
- Wigand, P. E. 2001. Chapter 1: Great Basin Vegetation and Climate History. In *A Transect Across the Great Basin: Reno, Nevada to Spanish Fork, Utah*. Carson City, NV: Summit Envirosolutions, Inc.
- Winther, Oscar Osburn. 1945. *Via Western Express and Stagecoach*. Lincoln, NE: University of Nebraska Press.
- Yeats, R.S., K. Sieh, and C. R. Allen. 1997. *The Geology of Earthquakes*. Oxford University Press Inc. January 1997.
- Young, James A., and Jerry D. Budy. 1979. Historical Use of Nevada's Pinyon-Juniper Woodlands. *Journal of Forest History* 23 (July):116–17.
- Young, James A. and Debra E. Palmquist. 1992. Plant Age/Size Distributions in Black Sagebrush (*Artemisia Nova*): Effects on Community Structure. *Great Basin Naturalist*. 52(4): 313-320.

- Zeier, C. R. and L. Furnis. 1989. Grantsville: The Archaeological and Historical Investigation of a Late Nineteenth Century Nevada Mining Town. Silver City, NV: Intermountain Research.
- Zerga, Don L. 2009. Archaeological Investigations at Carbonari Kiln Feature DLZ-07-29-IF9, White Pine County, Nevada. Bureau of Land Management Cultural Resources Inventory Report: BLM-8111-NV-04-07-1687(P) Addendum. Submitted to the U.S. Bureau of Land Management, Egan Field Office, Nevada; and Midway Gold Corp., Englewood, Colorado. Crystal Bay, NV: D. L. Zerga & Associates.
- Zerga, Don L. 2010. An Examination of the History and Significance of the Lincoln Highway and the Class III Cultural Resources Inventory of the Midway Segment, White Pine County, Nevada. Bureau of Land Management Cultural Resources Inventory Report: BLM-8111-NV-04-10-1888(P). Submitted to the U.S. Bureau of Land Management, Egan Field Office, Nevada; and Midway Gold Corp., Englewood, Colorado. Crystal Bay, NV: D. L. Zerga & Associates.
- Zerga, Don L. 2011a. The Class III Cultural Resources Inventory of Midway Gold Corporation's Proposed Access Road/Power Corridor, Pan Project, White Pine County, Nevada. Bureau of Land Management Cultural Resources Inventory Report: BLM-8111-NV-04-11-1935(P). Submitted to the U.S. Bureau of Land Management, Egan Field Office, Nevada; and Midway Gold Corp., Englewood, Colorado. Crystal Bay, NV: D. L. Zerga & Associates.
- Zerga, Don L. 2011b. The Class III Cultural Resources Inventory of Midway Gold Corporation's Middle Pan Access Road and Exploration Location DS2734A, Pan Project, White Pine County, Nevada. Bureau of Land Management Cultural Resources Inventory Report: BLM-8111-NV-04-11-1925(P). Submitted to the U.S. Bureau of Land Management, Egan Field Office, Nevada; and Midway Gold Corp., Englewood, Colorado. Crystal Bay, NV: D. L. Zerga & Associates.

7.2 Glossary

Acid Mine Drainage: Water from pits, underground workings, and waste rock containing free sulfuric acid. The formation of acid drainage is primarily due to the weathering of iron pyrite and other sulfur-containing minerals. Acid drainage can mobilize and transport heavy metals which are often characteristic of metal deposits.

Acid Rock Drainage: Drainage that occurs as a result of natural oxidation of sulfide minerals contained in rock that is exposed to air and water. It is not confined to mining activities, but can occur wherever sulfide-bearing rock is exposed to air and water.

Acre: A unit of land measure equal to 43,560 square feet.

Acre-foot: The amount of water or sediment volume which covers an acre of land to a depth of one foot; an acre-foot is equal to 325,851 gallons or 43,560 cubic feet.

Affecting: Will or may have an effect on.

Alluvium: A general term for clay, silt, sand, gravel, or similar unconsolidated detrital material, deposited during comparatively recent geologic time by a stream or other body of running water.

Alluvial Fan: A low, outspread, gently sloping mass of loose rock material, shaped in plan view like an open fan or a segment of a cone; deposited by a stream at the place where it issues from a narrow mountain valley upon a plain or broad valley, or where a tributary stream is near or at its junction with the main stream, or wherever a constriction in a valley abruptly ceases or the gradient of the stream suddenly decreases.

Animal Unit Month (AUM): The amount of forage required by one cow and calf, or their equivalent, for one month. Approximately 800 pounds of air-dried feed (26 pounds per day).

Aquifer: A zone, stratum, or group of strata acting as a hydraulic unit that stores or transmits water in sufficient quantities for beneficial use.

Bedrock: Solid rock exposed at the surface of the earth or overlain by unconsolidated material, weathered rock, or soil.

Borehole: A hole with a drill, auger, or other tools for exploring strata in search of minerals, for water supply, for blasting purposes, for proving the position of old workings and faults, and for releasing accumulations of gas or water.

Cooperating Agency: Any Federal agency other than a lead agency which has jurisdiction by law or special expertise with respect to any environmental impact involved in a proposal (or a reasonable alternative) for legislation or other major Federal action significantly affecting the quality of the human environment. The selection and responsibilities of a cooperating agency are described in Section 1501.6. A State or local agency of similar qualifications or, when the effects are on a reservation, an Indian Tribe, may by agreement with the lead agency become a cooperating agency.

Cumulative Impact: The impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions.

Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.

Deposit: A natural accumulation, such as precious metals, minerals, coal, gas, oil, etc., that may be pursued for its intrinsic value; gold deposit.

Designated Basin: Groundwater basin where permitted ground water rights approach or exceed the estimated average annual recharge and the water resources are being depleted or require additional administration.

Dewatering: The removal or extraction of water from a pit, tunnel, or other conduit containing volumes of water.

Doré: Metal alloy composed of gold, silver, and other precious metals. Bullion containing unseparated metallic gold and silver.

Downgradient: In relation to any fixed point with regard to the direction of drainage or flow, downgradient is at a lower point of elevation than the chosen observation point and thus downward in relation to the direction of flow.

Drawdown: Vertical distance that a water elevation is lowered or the pressure head is reduced due to the removal of water from the same system.

Drill Pad: An earthen platform/bench created to provide stable support for a drill rig during drilling activities.

Effects include:

(a) Direct effects, which are caused by the action and occur at the same time and place.

(b) Indirect effects, which are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems.

Effects and impacts as used in these regulations are synonymous. Effects includes ecological (such as the effects on natural resources and on the components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct, indirect, or cumulative. Effects may also include those resulting from actions which may have both beneficial and detrimental effects, even if on balance the agency believes that the effect will be beneficial.

Environmental Document: Includes the documents specified in Sec. 1508.9 (environmental assessment), Sec. 1508.11 (environmental impact statement), Sec. 1508.13 (finding of no significant impact), and Sec. 1508.22 (notice of intent).

“Environmental impact statement” means a detailed written statement as required by section 102(2)(C) of the Act.

Ephemeral Drainage: A channel or drainage that flows only in direct response to precipitation or snow melt. Such flow is usually of short duration.

Erosion: The wearing away of the land surface by running water, wind, ice or other geologic agents, including such processes as gravitation creep.

Exploration: The search for economic deposits of minerals, ore, gas, oil, or coal through the practices of geology, geochemistry, geophysics, drilling, shaft sinking and/or mapping.

Extraction: The process of mining and removal of coal or ore from a mine. Also used in relation to all process of obtaining metals from ores.

Feasible: Capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, legal, social, and technological factors.

Federal Agency: All agencies of the Federal Government. It does not mean the Congress, the Judiciary, or the President, including the performance of staff functions for the President in his Executive Office. It also includes for purposes of these regulations States and units of general local government and Indian tribes assuming NEPA responsibilities under section 104(h) of the Housing and Community Development Act of 1974.

Forage: All browse and non-woody plants that are available to livestock or game animals for grazing or harvestable for feed.

Fugitive Dust: Dust particles suspended randomly in the air from road travel, excavation and rock loading operations.

Geochemistry: The study of the distribution and amounts of the chemical elements in minerals, ores, rocks, soils, water, and the atmosphere, and their circulation in nature, on the basis of the properties of their atoms and ions.

Geotechnical: A branch of engineering that is essentially considered with the engineering design aspects of slope stability, settlement, earth pressures, bearing capacity, seepage control, and erosion.

Groundwater: Water found beneath the land surface in the zone of saturation below the water table.

Growth Media: All materials, including topsoil, specified soil horizons, vegetative debris, and organic water, which are classified as suitable for stockpiling and/or reclamation.

Haul Road: A road used by large (<50 ton capacity) trucks to haul ore and waste rock from an open pit mine to other locations.

Heap Leaching: An ore extraction method used for moderate to high grade ores, involves placing the ore bearing materials in a mound and then “washing” by percolation of waters which dissolve constituents from the rock and thus extracting soluble minerals.

Heavy Metals: A group of elements, usually acquired by organisms in trace amounts, that are often toxic in higher concentrations; includes lead, mercury, molybdenum, nickel, copper, cobalt, chromium, iron, silver, etc.

HDPE (High Density Polyethylene): A high density man-made material used for liners. This material deforms with a low probability of puncturing or splitting. Seams are heat welded instead of glued, thus preventing rupture.

Human Environment: Shall be interpreted comprehensively to include the natural and physical environment and the relationship of people with that environment. (See the definition of “effects” (Sec. 1508.8).) This means that economic or social effects are not intended by themselves to require preparation of an environmental impact statement. When an environmental impact statement is prepared and economic or social and natural or physical environmental effects are interrelated, then the environmental impact statement will discuss all of these effects on the human environment.

Hydrographic Basin: An extent or an area of land where surface water from rain and melting snow or ice converges to a single point, usually the exist of the basin, where the waters join another waterbody, such as a river, lake, reservoir, estuary, wetland, sea, or ocean.

Hydraulic Conductivity: A measure of the ability of rock or soil to permit the flow of groundwater under a pressure gradient; permeability.

Irreversible and Irretrievable Commitments of Resources: Irreversible commitments of resources occurs when, once committed to the proposed project components, the resource would continue to be committed throughout the life of the proposed project. An irretrievable commitment of the resources referes to those resources that, once used, consumed, deteroyed or degraded during construction, operations, or decommissioning of the proposed project components, would cause the resource to be unavailable for use by future generations.

Key Observation Point: A specific place on a travel route or within an existing or potential use area where the view of a management activity or project would be most revealing for purposes of the contrast rating.

Lead Agency: The agency or agencies preparing or having taken primary responsibility for preparing the environmental impact statement.

Leaching: The process of applying a chemical agent that bonds preferentially and dissolves into solution. The precious metals in an ore. The precious metal complexes or binds to the solution, which is then called a “pregnant” solution. The pregnant solution is collected for processing to recover the precious metals.

Locatable Minerals: Generally refers to hardrock minerals on Public Domain lands or National Forest System lands reserved from the Public Domain that are mined and processed to recover metals, such as gold and copper, chemical grade limestone, and asbestos.

Major Federal Action: Includes actions with effects that may be major and which are potentially subject to Federal control and responsibility. Major reinforces but does not have a meaning independent of significantly (Sec. 1508.27). Actions include the circumstance where the responsible officials fail to act and that failure to act is reviewable by courts or administrative tribunals under the Administrative Procedure Act or other applicable law as agency action.

(a) Actions include new and continuing activities, including projects and programs entirely or partly financed, assisted, conducted, regulated, or approved by federal agencies; new or revised agency rules, regulations, plans, policies, or procedures; and legislative proposals (Secs. 1506.8, 1508.17). Actions do not include funding assistance solely in the form of general revenue sharing funds, distributed under the State and Local Fiscal Assistance Act of 1972, 31 U.S.C. 1221 et seq., with no Federal agency control over the subsequent use of such funds. Actions do not include bringing judicial or administrative civil or criminal enforcement actions.

(b) Federal actions tend to fall within one of the following categories:

Adoption of official policy, such as rules, regulations, and interpretations adopted pursuant to the Administrative Procedure Act, 5 U.S.C. 551 et seq.; treaties and international conventions or agreements; formal documents establishing an agency's policies which will result in or substantially alter agency programs.

Adoption of formal plans, such as official documents prepared or approved by federal agencies which guide or prescribe alternative uses of Federal resources, upon which future agency actions will be based.

Adoption of programs, such as a group of concerted actions to implement a specific policy or plan; systematic and connected agency decisions allocating agency resources to implement a specific statutory program or executive directive.

Approval of specific projects, such as construction or management activities located in a defined geographic area. Projects include actions approved by permit or other regulatory decision as well as federal and federally assisted activities.

Milling: The general process of separating the valuable constituent (gold) from the undesired or non-economic constituents of the ore material.

Mine Pit: Surface area from which ore and waste rock are removed.

Mineral Entry: The filing of a mining claim upon Public Domain or related land to obtain the right to any minerals it may contain. Valid mining claims may be purchased in full (patented) under the 1872 mining law, as amended.

Mining Claim: A portion of the Public Domain or related lands which a miner, for mining purposes, takes and holds in accordance with mining laws.

Mitigation includes:

- (a) Avoiding the impact altogether by not taking a certain action or parts of an action.
- (b) Minimizing impacts by limiting the degree or magnitude of the action and its implementation.
- (c) Rectifying the impact by repairing, rehabilitating, or restoring the affected environment.
- (d) Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.
- (e) Compensating for the impact by replacing or providing substitute resources or environments.

NEPA Process: All measures necessary for compliance with the requirements of section 2 and Title I of NEPA.

Notice of Intent: A notice that an environmental impact statement will be prepared and considered. The notice shall briefly:

- (a) Describe the proposed action and possible alternatives.
- (b) Describe the agency's proposed scoping process including whether, when, and where any scoping meeting will be held.
- (c) State the name and address of a person within the agency who can answer questions about the proposed action and the environmental impact statement.

“Proposal” exists at that stage in the development of an action when an agency subject to the Act has a goal and is actively preparing to make a decision on one or more alternative means of accomplishing that goal and the effects can be meaningfully evaluated. Preparation of an environmental impact statement on a proposal should be timed (Sec. 1502.5) so that the final statement may be completed in time for the statement to be included in any recommendation or report on the proposal. A proposal may exist in fact as well as by agency declaration that one exists.

Open Pit Mining: A type of mining that involves excavation of the ore or minerals above ground by removing the overburden and extracting the mineral beneath. The result of the mining operation is an “open pit.”

Ore: A mineral or group of minerals present in sufficient value as to quality and quantity which may be mined at a profit.

Patented Claims: Private land which has been secured from the U.S. Government by compliance with the laws relating to such lands.

Permeability: The property or capacity of a porous rock, sediment, or soil for transmitting a fluid; it is a measure of the relative ease of fluid flow under unequal pressure.

pH: Symbol for the negative common logarithm of the hydrogen ion concentration (acidity) of a solution. The pH value of 7 is considered neutral. A pH value below 7 indicates acidity, and a pH value above 7 indicates alkalinity or a base.

Plan of Operations: A detailed description presenting the methods, timing, and contingencies to be used during the operation of the Project. A document required from any person proposing to conduct mineral related activities which utilizing earth moving equipment and which will cause disturbance to surface resources.

Precious Metal: Any of the less common and highly valuable metals; gold, silver, platinum.

Pregnant Solution: The resulting metal-laden solution collected from the leaching process which contains dissolved metal values. The precious metals values are recovered from this pregnant solution, which then becomes the barren solution that is typically refortified and reintroduced to the leaching circuit.

Reclamation: Returning disturbed land to a form and productivity in conformity which a predetermined land management plan or a government approved plan or permit.

Record of Decision: A document separate from but associated with an Environmental Impact Statement which states the decision, identified all alternatives, specifying which were environmentally preferable, and states whether all practicable means to avoid environmental harm from the alternative have been adopted, and if not, why not (40 CFR 1505.2).

Relationships Between Short-Term Use and Long-Term Productivity: Those relationships which tie short-term use to the long-term condition and viability of a given resource value (an example would be the long-term effects of overgrazing on range productivity and condition).

Riparian: Pertaining to or situated on the bank of a body of water, especillay of a watercourse such as a river.

Rock Disposal Area (RDA): Also called waste rock disposal area or stockpile area; an area where waste rock (loose or consolidated rock material that overlies a mineral deposit) is placed during mining either temporarily or permanently.

Scope: Consists of the range of actions, alternatives, and impacts to be considered in an environmental impact statement. The scope of an individual statement may depend on its relationships to other statements (Secs.1502.20 and 1508.28). To determine the scope of environmental impact statements, agencies shall consider 3 types of actions, 3 types of alternatives, and 3 types of impacts. They include:

(a) Actions (other than unconnected single actions) which may be:

Connected actions, which means that they are closely related and therefore should be discussed in the same impact statement. Actions are connected if they:

(i) Automatically trigger other actions which may require environmental impact statements.

(ii) Cannot or will not proceed unless other actions are taken previously or simultaneously.

(iii) Are interdependent parts of a larger action and depend on the larger action for their justification.

Cumulative actions, which when viewed with other proposed actions have cumulatively significant impacts and should therefore be discussed in the same impact statement.

Similar actions, which when viewed with other reasonably foreseeable or proposed agency actions, have similarities that provide a basis for evaluating their environmental consequences together, such as common timing or geography. An agency may wish to analyze these actions in the same impact statement. It should do so when the best way to assess adequately the combined impacts of similar actions or reasonable alternatives to such actions is to treat them in a single impact statement.

(b) Alternatives, which include:

No action alternative.

Other reasonable courses of actions.

Mitigation measures (not in the proposed action).

(c) Impacts, which may be: (1) Direct; (2) indirect; (3) cumulative.

Significantly: As used in NEPA requires considerations of both context and intensity:

(a) Context. This means that the significance of an action must be analyzed in several contexts such as society as a whole (human, national), the affected region, the affected interests, and the locality. Significance varies with the setting of the proposed action. For instance, in the case of a site-specific action, significance would usually depend upon the effects in the locale rather than in the world as a whole. Both short- and long-term effects are relevant.

(b) Intensity. This refers to the severity of impact. Responsible officials must bear in mind that more than one agency may make decisions about partial aspects of a major action. The following should be considered in evaluating intensity:

1) Impacts that may be both beneficial and adverse. A significant effect may exist even if the Federal agency believes that on balance the effect will be beneficial.

2) The degree to which the proposed action affects public health or safety.

- 3) Unique characteristics of the geographic area such as proximity to historic or cultural resources, park lands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas.
- 4) The degree to which the effects on the quality of the human environment are likely to be highly controversial.
- 5) The degree to which the possible effects on the human environment are highly uncertain or involve unique or unknown risks.
- 6) The degree to which the action may establish a precedent for future actions with significant effects or represents a decision in principle about a future consideration.
- 7) Whether the action is related to other actions with individually insignificant but cumulatively significant impacts. Significance exists if it is reasonable to anticipate a cumulatively significant impact on the environment. Significance cannot be avoided by terming an action temporary or by breaking it down into small component parts.
- 8) The degree to which the action may adversely affect districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places or may cause loss or destruction of significant scientific, cultural, or historical resources.
- 9) The degree to which the action may adversely affect an endangered or threatened species or its habitat that has been determined to be critical under the Endangered Species Act of 1973.
- 10) Whether the action threatens a violation of Federal, State, or local law or requirements imposed for the protection of the environment.

Silicification: The introduction of , or replacement by, silica, generally resulting in the formation of fine-grained quartz, chalcedony, or opal, which may fill pores and replace existing minerals.

Stockpile: An accumulation of ore, stone, or other mined or quarried material.

Surface Water: Water found in ponds, lakes, inland seas, streams, and rivers or above the ground surface.

Third-Party Contractor: An independent firm contracted by a government agency to perform work related to a proposed action or another organization; due to the financial and contractual arrangements governing such relationships, the third-party contractor has no financial or other interest in the decision to be reached on the project.

Undesignated Basin: Groundwater basin where permitted groundwater rights are less than the estimated average annual recharge.

Upgradient: In relation to any fixed point with regard to the direction of drainage or flow, upgradient is at a higher point of elevation than the chosen observation point and thus upward in relation to the direction of flow.

Waste Rock: A non-ore rock that is removed to access the ore zone. It contains no gold or contains gold below the economic cutoff level, and must be removed to gain access to the ore zone.

Watershed: The entire land area that contributes water to a particular drainage system or stream.

Wilderness Areas: Wilderness areas are designated by Congress under the authority of the Wilderness Act of 1964 and comprise the National Wilderness Preservation System.

7.3 Index

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