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Mark DeMulder Chief, National Geospatial Program US Geological Survey 12201 Sunrise Valley Drive, MS 511 Reston, VA 20192-0002

Subject: New USGS GeoPDF maps for Nevada

Dear Mark,

On June 23, 2010 the Nevada State Mapping Advisory Committee was given a review and shown examples of the USGS Digital Map Beta GeoPDF map series. The quality of the image base and the layering flexibility allowed by the GeoPDF file format impressed the members of the committee. However, lack of the Public Lands Survey System (i.e. township, range, and section lines) was identified as a significant shortcoming in the product.

In a public lands state, the ability to locate areas by township and range is a significant public and agency requirement for this product. Federal agencies use the Public Lands Survey System (PLSS) to describe the location of oil, gas, geothermal, and industrial mineral leases; wilderness areas, wilderness study areas, National Parks, agency management boundaries (Forest Service, BLM, DOD), property ownership, mining claim descriptions, etc. State and local agencies use PLSS to describe civil unit boundaries, land ownership descriptions, mining claim descriptions, various special management areas, and fire districts. The public uses the PLSS lines on topographic maps to locate the areas listed above.

Based on the importance of PLSS to the public and to various government agencies and the long history that the U.S. Geologic Survey and the Department of Interior have of producing high-quality topographic maps that include PLSS, the Nevada State Mapping Advisory Committee requests that the 2012 editions of US topo maps for Nevada include the Public Lands Survey System.

Sincerely,

Jonathan G. Price

Chair

Nevada State Mapping Advisory Committee

Ronald H. Hess

**Executive Secretary** 

Nevada State Mapping Advisory Committee

cc:

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The Nevada Bureau of Mines and Geology (NBMG) is a research and public service unit of the University of Nevada, Reno and is the State geological survey. Established by the Nevada Legislature as a department within the public service division of the Nevada System of Higher Education, NBMG is part of the Mackay School of Earth Sciences and Engineering within the College of Science and one of the Statewide Programs at the University of Nevada, Reno. NBMG's mission, to provide the State's needs for geological and mineral-resource information and research, is defined in its enabling legislation. NBMG scientists conduct research and publish reports that focus on the economic development, public safety, and quality of life in urban and rural areas of Nevada.