

## PHOTOINTERPRETATION CONVENTIONS FOR CALIENTE AND LUND 1;250,000 SCALE MAPS

The majority of the area covered by the Caliente and Lund 1;250,000 scale maps is located in eastern Nevada. Small portions of southwest Utah and northwest Arizona are included in these 1;250,000 scale maps. The following photointerpretation conventions were developed based on field work conducted December 3-7, 1990 by Howard Browers, Dennis Peters, and Renee Whitehead:

1. All photointerpretable streams which are perennial on topographic maps will be delineated. Those perennial streams with good water signatures will be classified as R3UBH. Those perennial streams with dry or nearly dry channels will be classified as R4SBF or in some cases R4SBC.
2. Streams that are intermittent on topographic maps will be delineated where signature, stream length and area drained are significant. Most of these will be classified as R4SBJ, however, some will be classified as R4SBC and R4SBA. The occurrence of springs in drainages will likely influence water regimes of some streams.
3. Dry lake beds will be classified as either palustrine or lacustrine depending on size and vegetation. Dry lake beds with bright white signatures will be classified as unconsolidated shore under the appropriate system. Dry lake beds with any hint of herbaceous vegetation in the photo signature should be classified as palustrine emergent as the vegetation can often be masked by the stronger reflectance of the substrate even though vegetative cover may be 30% or greater. Most dry lake beds (including those containing water at the time of photography) will be classified with an intermittently flooded (J) water regime.
5. Springs will often be classified as saturated especially in hillside situations, however in flats or basin situations springs can be seasonally flooded or in some cases semipermanent.
6. Reservoirs and other open water bodies with strong water signatures represented by permanent water on topographic maps will be classified as permanently flooded. Some examples include Pruess Lake on Lund NE and Upper Pahrnagat Lake on Caliente SW. Permanent water bodies on topographic maps which are dry or nearly dry on photos will be classified as intermittently exposed. Lower Pahrnagat Lake will be classified as semipermanently flooded.