Monday, April 26, 2010
POSTER SESSION: DESERTS AND EVAPORITE BASINS AND ASSOCIATED MICROBIALITE SYSTEMS
6:00 p.m. Marina Plaza Ballroom

Gómez-Ortiz D. Fernández-Remolar D. C. Chong-Díaz G. Rodríguez-Manfredi J. A. García-Villadangos M. de Diego G. Gómez F. Moreno M. Parro V.
Combining Resitivity and Geochemical Procedures in the SOLID (Signs of Life Detector) Mission to the Atacama Mars Analog: Identifiying Water-driven Units in the Subsurface **[#5281]**
A combined geophysical-geochemical survey has been carried out in the arid environment of the salty Atacama desert. Joint use of both techniques has allowed to determine both the shallow subsoil stratigraphy and the water content of the rock units.

Denson J. D. Ivey D. M. Leuko S. Rothschild L. J. Hand K. L.
A Survey of the Microbial Diversity of an Alkaline Biofilm Associated with a Unique Geological Feature within a Hot Spring of the Hypersaline Alkaline Basin of Lake Magadi, Kenya **[#5510]**
This study examines the microbial diversity found within a photosynthetic biofilm associated with unique erosional features within an alkaline hot spring in the southern rift valley of Kenya.

Kong F. J. Zheng M. P. Wang A. Ma N. N. Amend J.
Microbes in Evaporite Salts on Tibet Plateau as Analog for Martian Life in Salt Environments **[#5227]**
Da Langtan playa occurs at the west end of Qaidam Basin, on northern part of Tibet plateau. The characterization of halophiles isolated from the evaporative salts in the area, and SEM and EDAX for microbial biosignatures in the evaporate crystal sample was report.