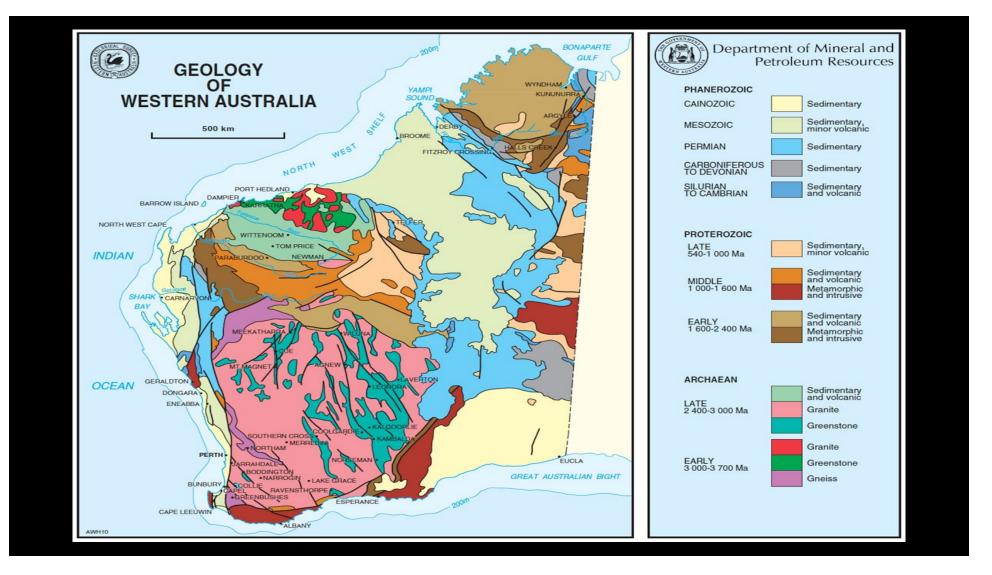
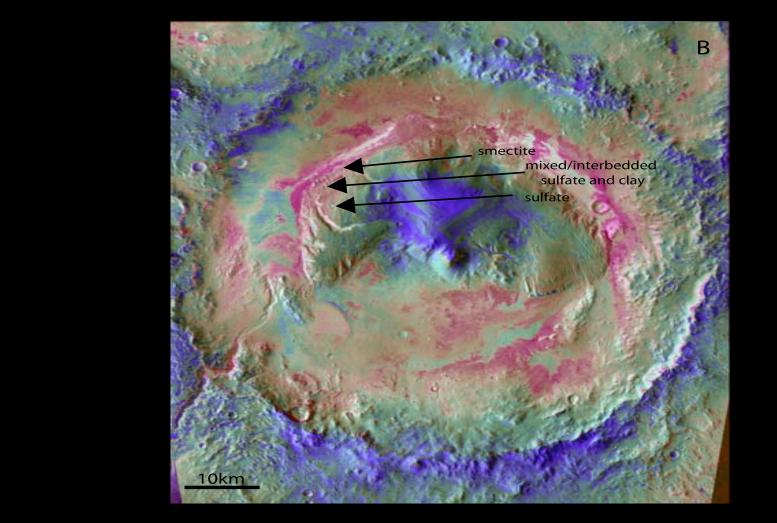
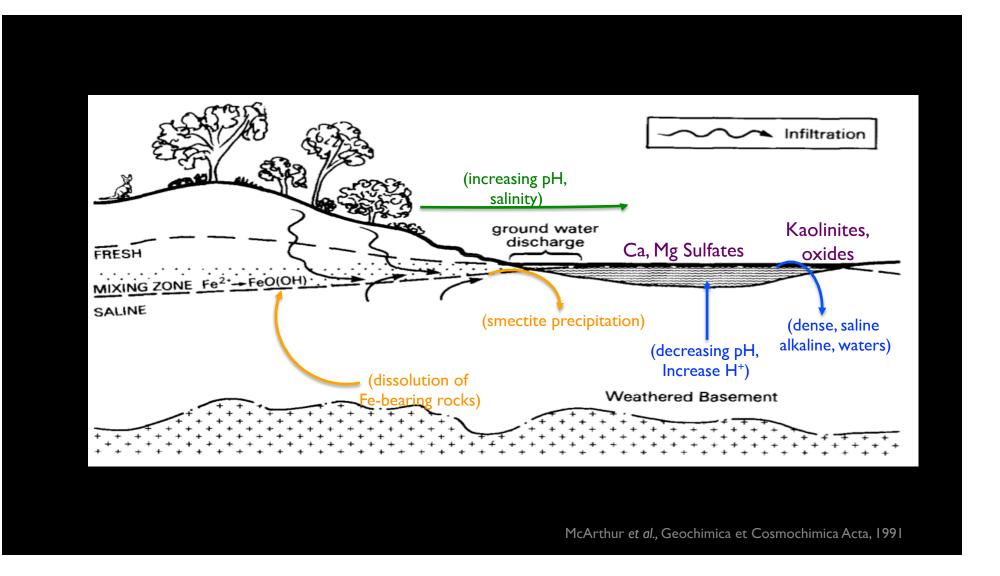
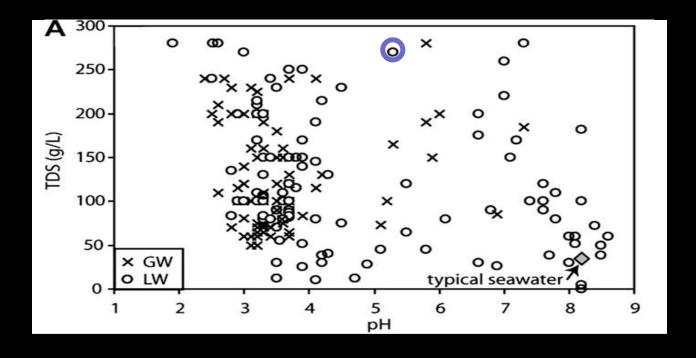
## Australian acid brine lake as a Mars analog: An analysis of preserved lipids in shore & lake sediments





Baldridge et al. Geophysical Research Letters, 2009

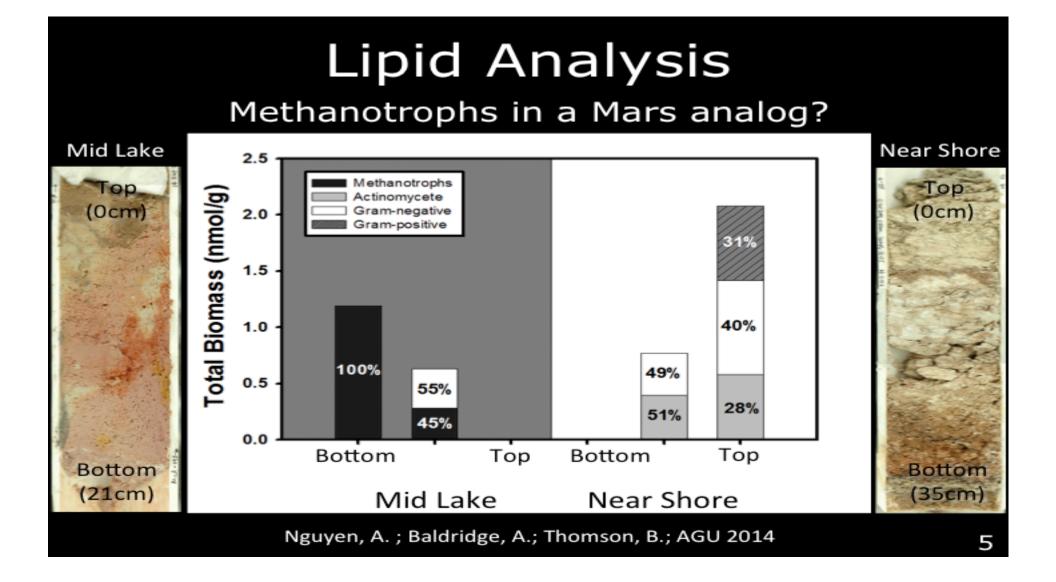


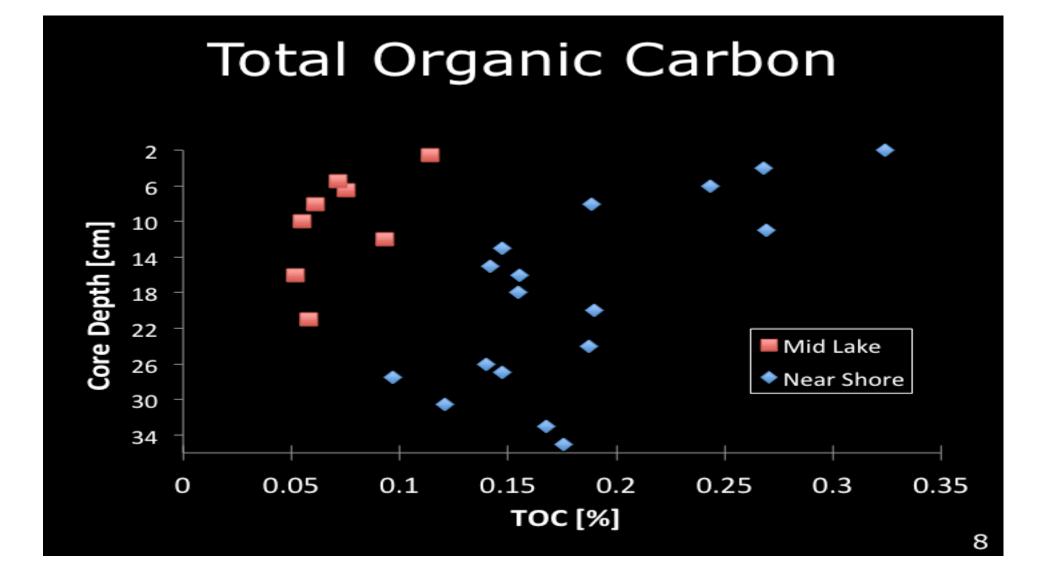


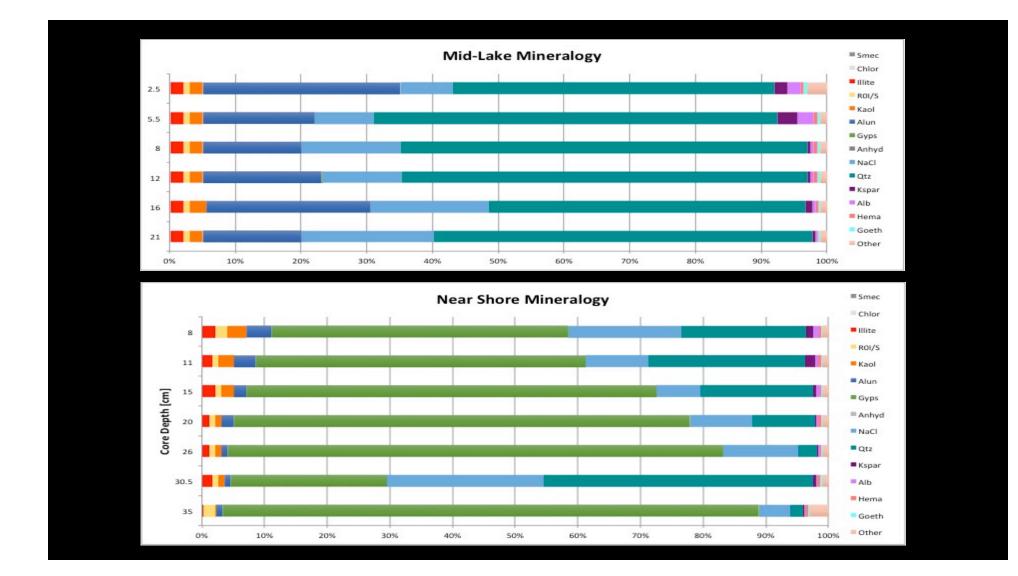
Bowen & Benison, Applied Geochemistry, 2009

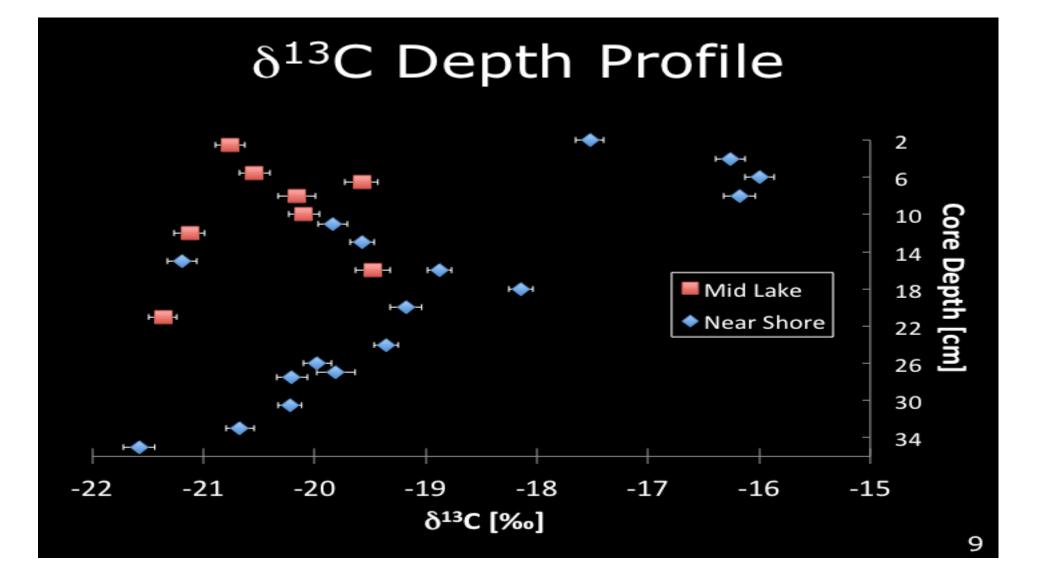


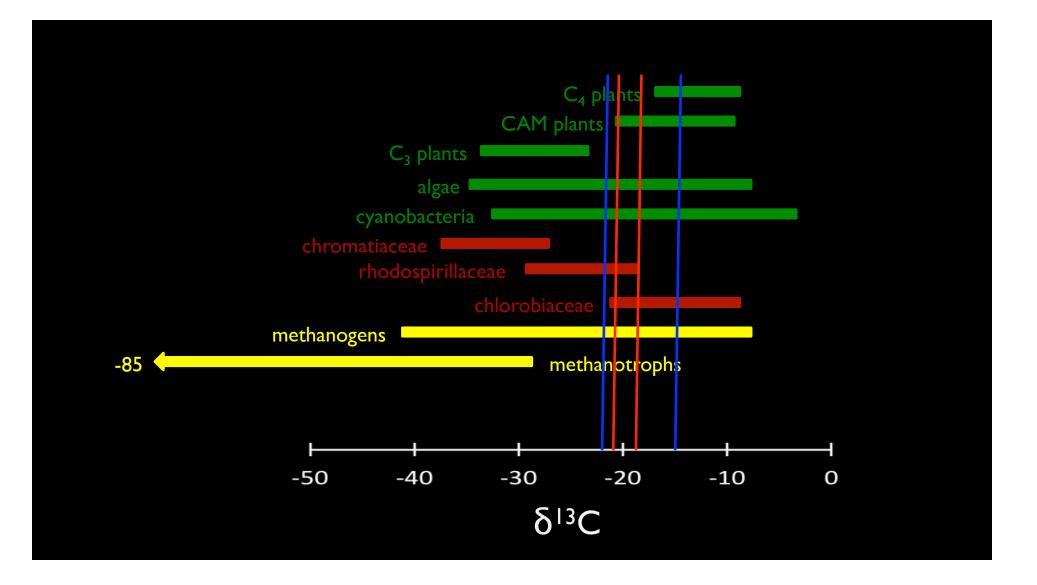
## Lake Gilmore Mid-lake core & near-shore "lunette" core



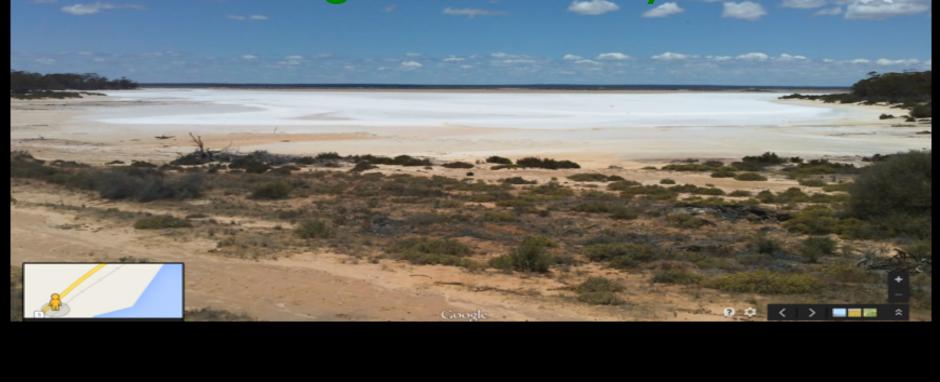


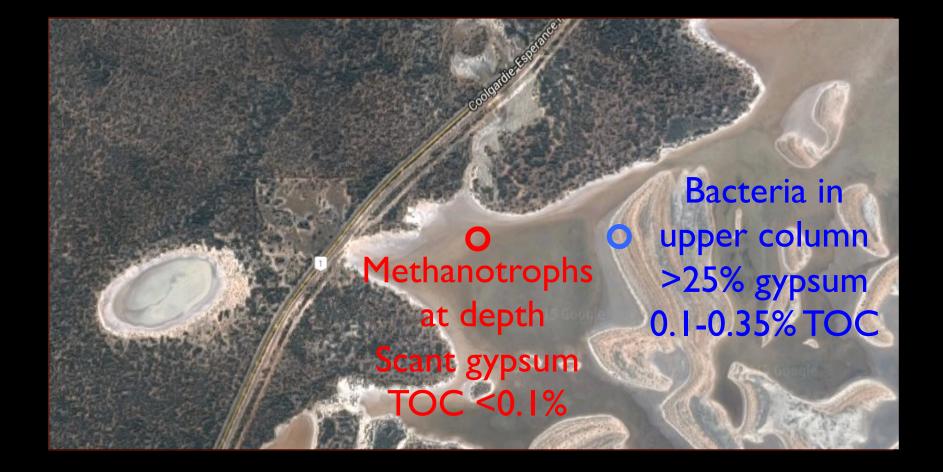






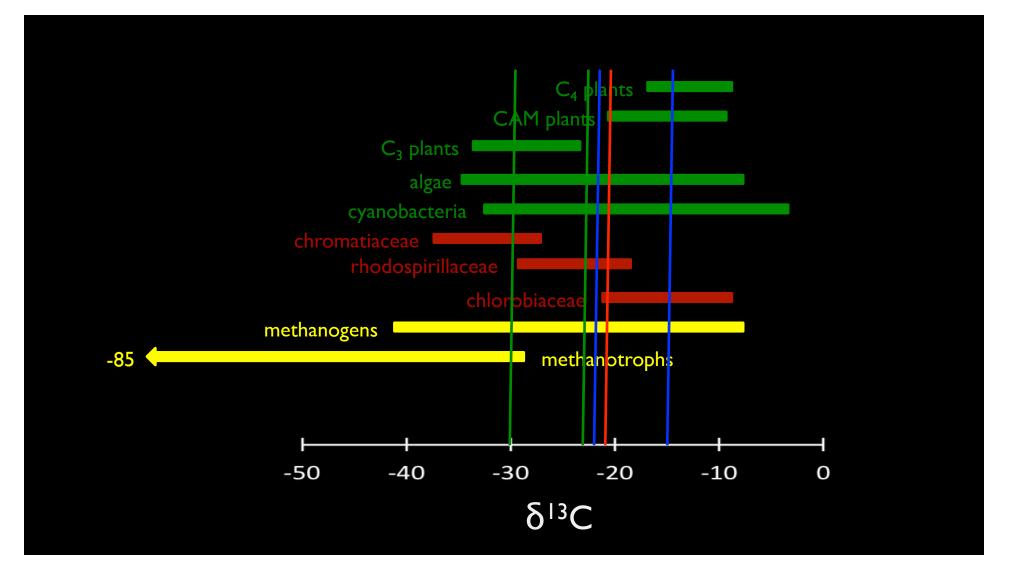
## Vegetation survey

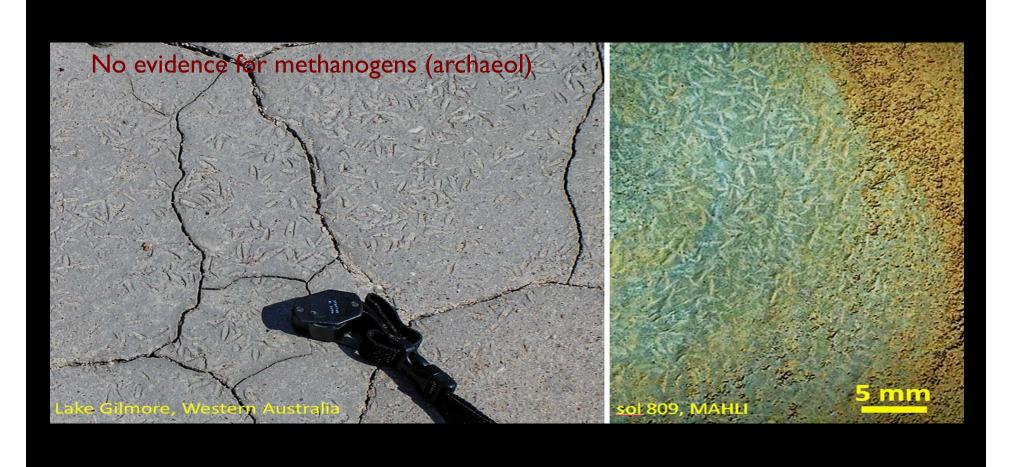


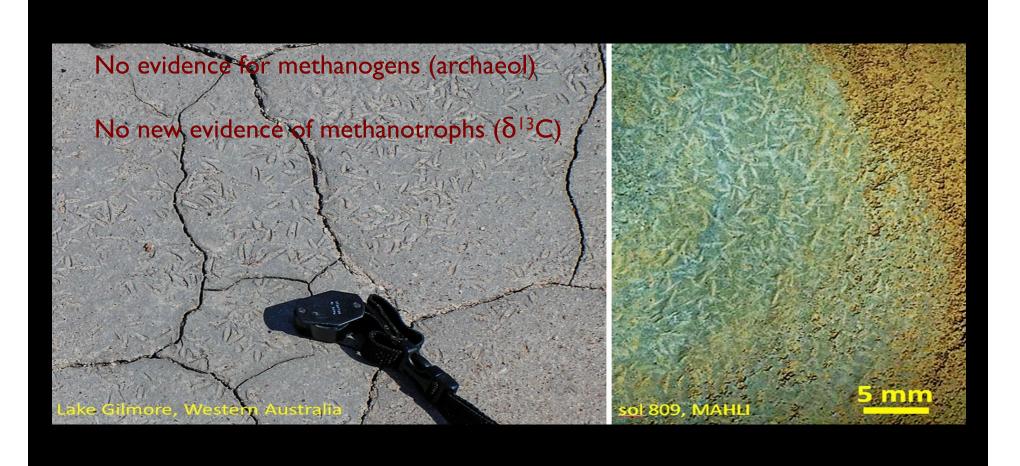
















- No new evidence of methanotrophs ( $\delta^{13}C$ )
- δ<sup>13</sup>C indicates sulfur bacteria input..
- Since lipid data indicates C3 plants

