MODERN AND ANCIENT MICROBIAL CARBONATES IN UTAH, U.S.A.
EXAMPLES FROM GREAT SALT LAKE AND THE UINTA BASIN’S TERTIARY (EOCENE) GREEN RIVER FORMATION

MICROBIALITES

Examples from Great Salt Lake and Uinta Basin’s Tertiary (Eocene) Green River Formation. Microbialite Examples in Condo Section and Bowling Ball Hill. View of Bowling Ball hill. Note the tubular and filamentous structures. Filaments and carbonate rip-up clasts are common in the Bowling Ball Hill carbonate facies. (Plane light)

CONDO SECTION

Ooids: Small pisoids in thin section from carbonate facies. Carbonate rip-up clasts are common in the Bowling Ball Hill carbonate facies. (Plane light)

BOWLING BALL HILL

Thrombolites: Small pisoids in thin section from carbonate facies. Carbonate rip-up clasts are common in the Bowling Ball Hill carbonate facies. (Plane light)

HELLS HOLE SECTION

Carbonate grains associated with microbialites
Examples of grains and cements: Antelope Island

REFERENCES

CONCLUSIONS

DISCLAIMER