

CARBONATE / EVAPORITE ROCK THIN SECTION AND HAND SPECIMEN DESCRIPTION

SAMPLE: _____ ROCK NAME _____

Megascopic Description

Colour (Fresh): _____ Colour (Weathered): _____ Sample Quality: _____

Crystal Size: _____ Particle Size: (Max-Min; Ave.): _____

Particle/Matrix: (grain- or matrix-supported) _____

Hand Specimen Description: _____

Thin Section Description

Allochem%: _____ Micrite Matrix%: _____ Sparite (Cement)%: _____

Particle/Matrix: (grain- or matrix-supported) _____ Micritized Grain Margins: _____

Allochemical Particle Types:

Bioclastic Fragments: (Size and %)		Inorganic Allochemicals: (Size and %)	
Corals:	_____	Ooids:	_____
Brachiopods:	_____	Peloids:	_____
Bivalves:	_____	Pisoids:	_____
Gastropods:	_____	Intraclasts:	_____
Bryozoans:	_____	Aggregate Grains:	_____
Echinoderms:	_____	Lithoclasts:	_____
Ostracodes:	_____	OTHERS:	_____
Calcareous Green Algae:	_____		_____
Calcareous Red Algae:	_____		_____
Foraminifera:	_____		_____
Radiolarians:	_____		_____
Stromatoporoids:	_____		_____
Oncoids:	_____		_____

Fabric(s), Packing and Structure(s): _____

Diagenesis

Matrix Type(s) and %:

Cement Type(s) and %:

Other Authigenic Minerals:

Compactional Data:

Porosity Type(s): (Primary or Secondary/Fabric or non-Fabric Selective)

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..... Porosity%:

Neomorphism and Diagenetic History:

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Representative Thin Section Description:

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