

**Figure A1.7:** Outcrop photo of exposure measured in the Reno West quarry. Middle Farley is represented by a thin shale seam at the level of the black line in the photo. Aggregate sample KU-6 was collected from the interval indicated. Scale bar is 1.5 meters.

Rock Unit(s): Ferry LS

Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed Struct & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
10cm		N # 8	⊙	Phyl. Algal Wackestone	Sp. in phyl. (~20%)				
32cm		N # 9	⊙	Phyl. Algal Wackestone	Ab. coarse sp. esp. near base. Change of color (50-10%) Sp. size is variable (2-3mm)				Phyls. nodules @ base. Ab. smaller pores dyf. but w/ coarse sp.
17cm		N # 10	A.B	Phyl. Algal Wackestone	Highly recryst. ~70% fine sp. & micropor.		R207		Ab. smaller pores filled w/ sp. below phyls. No visible dyf.
16cm		N # 11	A.B	Phyl. Algal Wackestone	Very little visible sp. All present is fine (1mm) (~15%)		R206		Ab. silty stringers. Abt. concentrated accumulations. Typically found around bedding plane. (~20%)
11cm									
14cm									
28cm									
1cm				Black-lam. Siltsone					Well cemented calcareous
44cm		N # 12		Skeletal Wackestone	Fine-med sp. (~1mm) (~5-10%)		R205		Major concentrations of stringy shales (dyf. & mudcracks) (~20-35%)
10cm+									Cont. from pg 1

Date \_\_\_\_\_

Location Reno West Quarry

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Rock Unit(s): Fairley LS

Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed. Struct & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
20cm		# @ # Y N		Skeletal Wackestone	Fine-med spar in fossils (41cm) (~10%)				Ab. diffuse conc. shale seams (~25%)
3cm		# @ #	AB	Skeletal Wackestone	Med-coarse spar in fossils (41cm) (~5%)		RW3		Ab. silty diffuse shales  ~25-30% has diffuse clay in it
20cm		# @ #		Skeletal Wackestone	Spar only visible in fossils + @ cement (~5%)				Ab. large crinoid clams  Very little clay material Some @ base (~5%)
9cm		# @ # 2 @		Skeletal Wackestone	Spar + fossils only (41cm) (~15%)			RW2	Ab. silty material diffused @ base. indistinct (~50% has clay mat)
5cm		# @ # 2 @		Skeletal Wackestone (Argillaceous)				RW1	Blocky to slightly platy. Ab. crinoid stems of all sizes.
17cm		# @ # 2 @		Fossiliferous Siltstone					
30cm		# @ #							

Date 7/2/97  
1:10pm

Location Reno West Quarry

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Rock Unit(s): Fairfax LS

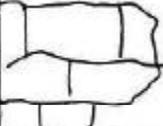
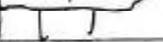
Thickness	Lithology & Weathering Profile	Fossils & Grains	Soil Struct & Diag Feat	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
24cm +		~# @ □ ▽	A.B.	Phylloid Algal Wacke - Packstone	Ab. coarse med coarse spon Replace phyls Shale matrix is rare. Spon may be - ppt or a bit fossil.		RW11 RW12 RW13 RW14 RW15 RW16 RW17 RW18 RW19		Very clean LS w/ little to no clay internal. (< 1%) No shale between bedding planes Phyls are densely packed w/ ab. shatter porosity & autoclastic brecciation.
36cm									
36cm									
36cm									
18cm									
18cm									
22cm									
23cm									
36cm +									

Date \_\_\_\_\_

Location Fern West Quarry

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Rock Unit(s): Foxey LS

Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed. Struct & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
14m				as below					
4m									

Date \_\_\_\_\_

Location Reno West Quarry

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**Locality SRBS:** Quarry section. Measured in active quarry operated by Shawnee Rock Company. Quarry is located along Kansas Highway 32 just east of Kansas Highway 7. Section was compiled from two localities within the quarry. The middle and upper Farley sections were measured in what was the southwest corner of the quarry. This section has since been covered for reclamation. The lower Farley and Island Creek Shale were measured in an active section of the quarry in an area approximately 500 feet north of the rock crusher. This quarry contains full sections of the Argentine Limestone, Bonner Springs Shale and the Merriam and Spring Hill Limestones in addition to the Farley. Aggregate samples KU 4 & 5 as well as KDOT 5 & 6 are from this quarry.

