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MEASURED SECTION NO. Clay 1107  
 LOCALITY Columbia Ges 20310  
 SETTING \_\_\_\_\_

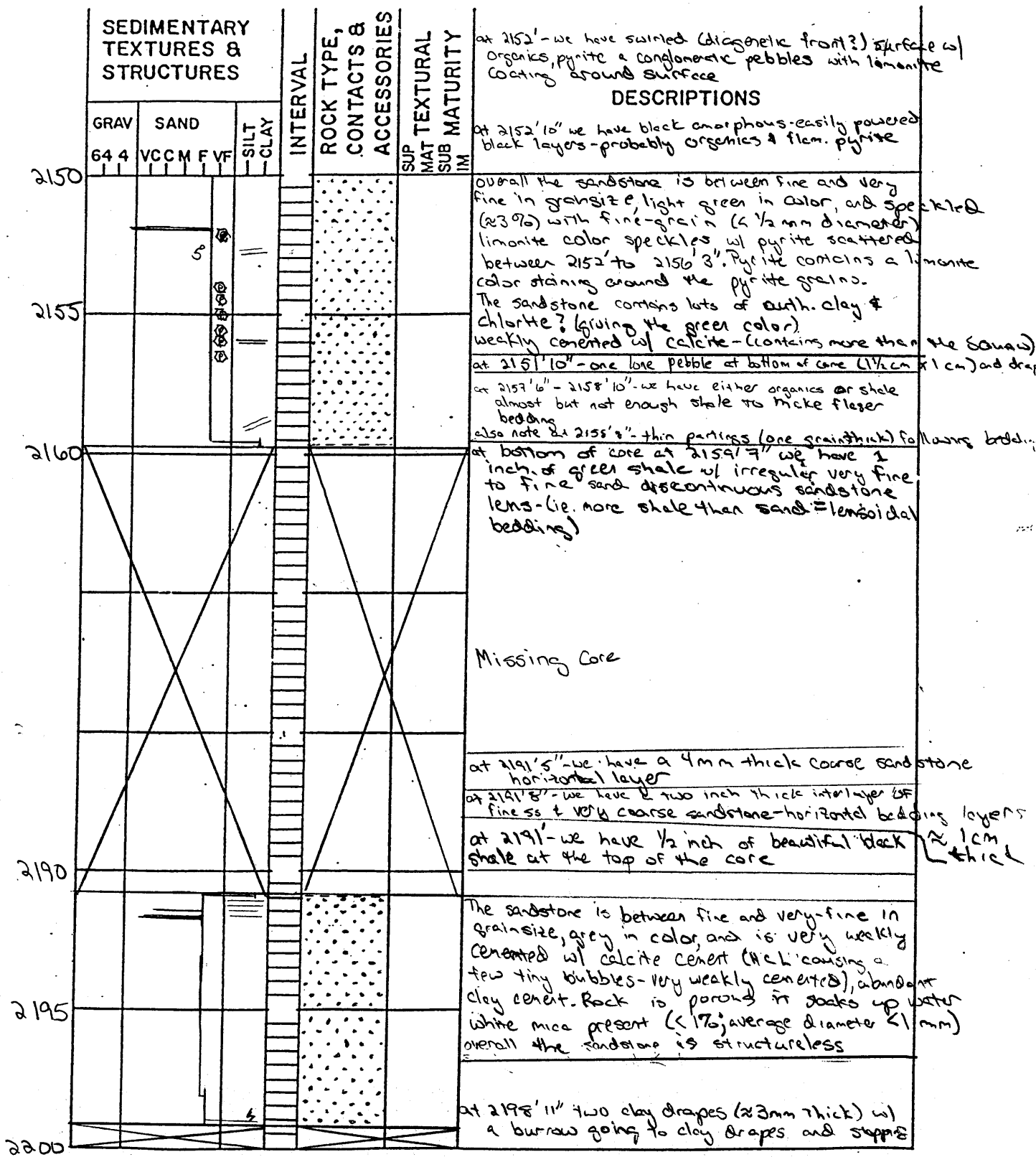
DATE 5/16/91  
 STRATIGRAPHIC UNIT BIG INJUN  
 MEASURED BY RM & AV

	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT TEXTURAL	SUB MATURITY	DESCRIPTIONS		
	GRAV	SAND							SILT	CLAY
	64 4	VCCM	FVF						CLAY	
2115										
2120								H. tan-htgy sandy micrite → qtz sand packstone w/ faint, horizontal laminae at top (algal?): partially cemented horizontal & oblique fracture increasingly sandy (→ >50%) toward lower contact which is gradational: qtz sand is bimodal in size - coarse & vt-coarse silt		
2125								pale green to greenish grey, vt qtz sand w/ horizontal laminae & rare, horizontal burrows: sharp lower contact but not scoured; increasing calcite cement		
2130	Missing							H. purplish grey, very poorly sorted fine-medium qtz sandstone interbedded w/ lt. purplish grey coarse-granular qtz sandstone; calcareous nodules (→ 2cm diameter) common - they have a concretionary internal structure like Liesegang bands; low angle planar xbed common throughout; calcite cement diminishes down hole & sorting increases: 2126'3" - 2cm thick greenish shale; weak scour at base of coarse sand		
2135								H. purplish grey, poorly sorted, coarse-medium qtz sand w/ planar xbeds & faint horizontal laminae: weak calcite cement throughout		
2140								interbedded, purplish grey, coarse-very coarse qtz ss w/ weak calcite cement & planar xbeds & dk green coarse silt-v.f. sand w/ irregular horizontal laminae = micaceous partings		
2140'8"								dk brownish grey, vt-fine qtz sandstone w/ isolated white qtz granules and single grain layers of coarse qtz sand: faint horizontal laminae → massive; at 2136' sudden increase in red sideritic banding & speckles: weak calcite cement throughout increases w/ sideritic banding: 2137'4" high angle diagenetic front at 45° to bedding		
2145								2146'6": sideritic bands gone; laminae more pronounced w/ black clay or organic material; weak calcite cement - rock is becoming poorly cemented		
2146'6"										
2150										

rrrrr - algal laminae    (E) - calcite cement  
 X - fracture            ~ - ripple beds            ~ - scour  
 S - burrow              W - trough bed            ~ - unconformity  
 (S) - siderite            // - planar xbed

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— horizontal lamination  
 ⚡ - bioturbation  
 ⊗ - pyrite