IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	5	R	1

Date	Time	Observers
23/09/16	11:30	MW / EC

[cm]	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Fossils	Core Disturbance	Description
0	1	marlstone	whitish nodule			1	smear ct		Mostly laminated marlstone with local 1-4mm thick dolo? packstone lenses + interbeds. Tone 1.8 cm nodule of unknown mineralogy - @ 20cm one thin gray claystone - 6mm thick @ 23 cm - laminated, sharp contacts, marlstone alternates in color from 10YR 2/1 - black to 2.5Y 3/2 - very dark grayish brown claystone is 5GY 2.5/1 bluish gray one 1cm thick bed @ 35cm is lighter than rest of marlstone due to abundant forams one 1mm thick chert laminae @ 66cm cut by burrow Dark - 0-8 light - 8-11 Dark - 11-19 below it alternates on 2-4cm scale *forams thru out all marlstone CT Facies - marlstones alternating lt-dk gray, except for foram rich bed lt gray w/ white specks claystone black, low density, low At # sharp top + base
77.5		CT - foram bed - low density high atomic #							
80	2	claystone sharp top?	CT - base	black		low low	density At. #		claystone - appears altered in CT + color varies 5GY 2.5/1 bluish gray at top, 5GY 2.5/1 - dark bluish gray
86.0									
90	3	marlstone	CT - as above CT - claystone - white bed	above	low	1 dense atomic	smear ct #		marlstone - laminated, 2.5Y 3/2 very dark grayish brown base Two interbeds one - @ 90cm - 7mm thick claystone - color as above, 95.5 * 5mm thick - 2.5Y 8/1 white - altered?
99.0									
100	4	claystone							claystone 5GY 2.5/1 bluish gray sharp top + base CT - black, low density, low At. #
108.0									
110	5	marlstone	small whitish nodules			1	smear ct		Laminated marlstone similar to base of unit 1 - alternating dark + light at cm scale mudstone dark 2mm layer 125cm - clay? one graded bed - packstone w/ forams, 8mm thick - white @ base a little darker at top * 7mm thick @ 124.6
120									
130									
133.6									CT - mostly lt. gray but w/ 2 darker bands low density, high atomic # but dark bands w/ even lower density + atomic # lightest bands have low density + high atomic #
140									
150									
160									