SITE 105 SIZE S D E E C P CLAY SILT SAND T. T H CCC 1 0 2 0 3 0	CLAY MINERALS	QUARIZ FELDSPARS		HEAVY MINERALS	GLAUCONITE	DYRITE	ZEOLITES	C LIMONITE	HEMATITE	In sand layer	C FORAMINIFERA	O COCCOLITHID FORMS	DISCOASTER OFFORMS	RADIOLARIA	DIATOMS	SILC. SPONGE SPICULES	CARBONACEOUS MATTER & PLANT DEBRIS	DOLOMITE	SIDERITE RECRYSTALL.	OTHER CALC. FRAGMENTS	(POSS.DETRITAL)
1 0 2 0 3 0					D R	ILL	E D	51 M	1 E T	In clay and sand In silt layer ERS FROM 40 M	TO 9	91 M									
1 40 2 17 65 94 3 10 18 94 4 31					D	RILL	. E D	84	MET	In white material In gray-yellow nodule Burrow-like filling In yellow silt layer Rhodochrosite	TO	184 M									
109 121 5 35 6 60 91 102 105 cc					D	RIL	L E D	48	M E	In pyrite nodule Rhodochrosite Rhodochrosite	TO	241M						I			
90 138 138 2 0 10 54 65 114 138 143 3 0										Goethite ? Goethite ? Hontmorillonite, common											
34 36 43 74 86 cc 1 70 90 136 2 0			-							Montmorillonite, abund. + Sphalerite, rare + Sphalerite (in sandy - layer_) + Sphalerite (in sandy - layer) + Sphalerite (in sandy - layer)											
96 97 126 CC CC 1 91 1 91 2 28 46 3 45										layer) Montmorillonite, abund, Montmorillonite, abund, Montmorillonite, abund, (In black material) Todorokite ?, abundant (In green material) (In green material) (In yellow silt) (In brown material)											
4 61 5 64 127 6 18 33 46 cc cc										Sphalerite common Sphalerite common Sphalerite common (In black material) Sphalerite common Sphalerite rare Sphalerite rare					,						
68 96 2 0 7 14 42 90 3 0 4 0 16 67										Todorokite + Goethite ? + Sphalerite, rare + Todorokite ? + Sphalerite ? + Sphalerite ? + Todorokite ? + Todorokite ? + Todorokite ? + Sphalerite, rare											
144 5 0 14 15 66 122 6 0 38 40										+ Sphalerite, rare (In green material) + Sphalerite ? + Todorokite ? (In red material)											
1 0 1 60 73 80 88 88 165 2 0 16						D R	ILL	E D	9 M	+ Todorokite ? + Todorokite ? + Sphalerite ? (In red material) (In gray material) + Todorokite ?	77 M	T 0	285 M								
16 20 27 28 50 58 70 81 87 91 93										Pyrite spherules + Sphalerite, rare (In red material) Montmorillonite ? + Todorokite & Sphalerite (rare) + Goethite ? (In white material) + Sphalerite (rare)											
114 126 131 132 133 133 150 3 0 20 25										+ Goethite ? Montmorillonite ? + Goethite, abundant											
40 43 45 51 68 92 99 111 117 124										+ Goethite ? Montmorillonite - + Goethite, abundant - + Halite, rare - + Todorokite ? & - Goethite? + Sphalerite, abundant											
130 135 136 138 148 150 4 0 20 27 35										Pyrite cubes and spheres + Sphalerite, rare + Sphalerite, common Pyrite spherules —Montmorillonite ? + Todorokite ? (In thin white layer) -Montmorillonite ?											
95 126 5 0 11 42 58 68 78 109 125 148				1						(In green material) Rare pyritized rad. Montmorillonite + —spalerite, rare — + Sphalerite ? (In black material) (In greenish gray — material) —(In gray material) —(In gray material) —(In white layer)											
6 0 10 24 80 131 CC 11 43 80 105 140										(In white layer) + Sphalerite, rare Montmorillonite, abund. (In brown material) Burrow-fill											1
2 0 28 68 97 CC C C C C C C C C C C C C C C C C C										(In black material) (In green material) (In black material) In green material) In white and green mat.											
75 111 114 3 0 75 114 124 4 0 57										(In black material) (In green material) Zeolitic silt (In black material) In green and white mat. (In white material) (In black material) (In black material)											
111 5 0 35 59 101 111 c c 1 81 140									R	(In green material) (In green material) (In black material) (In white material) (In green material) (In white material) are pyritized radcoal COAL (burnable) + Sphalerite, rare			I								
40 68 3 0 6 0 6 0 6 0 6 0 7 0 8 0 8 0									N	Siderite silt Pyritized rad. Montmorillonite, abund. Pyritized rad.			1								
6 0 C C C C C C C C C C C C C C C C C C									M E	Zeolitic silt Zeolitic silt Zeolitic silt (In black material) Montmorillonite, abund (In green material) (In hard material) Mn rich siderite T E R S F R O M 331		0 348									
0 78 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9						D R I L	_ L E C	10	P.	yritized rad. and spic. +pyrite spheres and cu- arge (50) siderite rhom	bbs M T	0 38	55 M								
29 31 37 75 0 0 0 0 0 103 c c c c c c c c c c c c c c c c c c c						DRI	LEI	11	T	TERS FROM 392 Sample from OVERSHOT above core 17 (In gray material)	MT	0 40	3 M								
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						DI	RILI	. E D	9	(In dark material) METERS FROM (In dark zone) (In white limestone) (In gray material) (In green streak) (In dark zone) Pyritized rad.	412 M	TO	421 M	1		I					
65 29 110 5 0 17 103 5 0 41 99										(In white limestone) (In white limestone) Pyritized rad. Pyritized rad. Pyritized rad. (In very dark zone) In greenish gray mat.											
C 77 101 C C C C C C C C C C C C C C C C C C			CORE	19 -	HOLE	CAVING	SS IN A	LL SEC	TIONS S R R	- REPRESENT SEVERAL L and size calc. aggreg. Pyritized rad. —(In white material) adiolaria replaced by py and size calc. aggreg. adiol.replaced by pyrite	rite	GICAL T	YPES FI	ROM UP	-HOLE						
60									S	and size calc. aggreg. and size calc. aggreg. Sand size spherical calc. aggregates and size calc. aggreg.											
6 98										Barite crystals (In dark red material) (In pink clast) (In clast) (In clast) Chert. Pelagic crinoids	s plate	es with	calci	te over	rgrowt	h, ceme	ented b	y silica			
4 60										+ Abundant palagonite (In red material) (In white clast) (In pink clast) (In red material)											
129 146 3 61 75 4 54 56 c 2 13 70 82 3 24									((In green material) (In red material) In red clayey material) In red silty material) (In red silty material) In red clayey material) Calcite spindles (rare) crushed fragments of calagonite (green clast)											
91									CC	(In gray material) (In red material) alcite spindles, common—(In red material) alcite spindles, common alcite spindles, common Calc.spindles, common Calc. spindles, common											
33 50 50 55 33 94 120 6 45 51 51 50 50 50 50 50 50 50 50 50 50 50 50 50									F	calc. spindles, common calc. sphirical agg., rarecalc. spindles, common calagonite(+Montmorillonicalc. spindles, rarecalc. spindles, rarecalc. spindles, common calc. spindles, common calc. spindles, rarecalc.	te)	linea	r incl	usion							
108 3 43 98 4 30 31 78 124 5 35 50 6 20										Palagonite, rare — Copper, common Calc. spindles, common Calc. fragments, rare + Spherical aggregates of isotropic silica + Chalcedony spherules											
103 135 135 1 63 90 2 55 1 55 60 63 64										+Chalcedony spherules +Chalcedony spherules Green palagonite (In tan limestone) Montmorillonite, abund. Montmorillonite, abund.											
70 73 74 79 82 84 85 87 93 99 101										Montmorillonite, abund. Montmorillonite, abund. + glass shards. Montmorillonite, abund. + glass, rare - Clay min. show - recrystallization - Clay min. show								7			
105 110 112 114 115 141 1 128	1					+ 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1			3 4 4	Micritic ls. & microspar + included palagonite Micritic ls. & microspar + included palagonite Palagonite, dominant Micritic ls. + microspar + included palagonite Basalt Inclusion = micritic ls. Inclusion = micritic ls.	1200							, 1		\vdash	+
PHIC REPRESENTATION OF VI RARE (LESS TH. COMMON (5% TO ABUNDANT (15%	AN 5%) 15%)									In red limestone Green palagonite Basalt											1