FOLDOUT II

SMEAR SLIDE SUMMARY, SITE 382

KEY

RARE	=	0- 4%
PRESENT	=	5-24
COMMON	=	25-49
ABUNDANT	=	50-74
DOMINANT	=	75-100

SAMPLE INTERVAL (cm)	DETRITAL QUARTZ	FELDSPAR	HEAVY MINERALS	MICA	GLASS	OPAQUES	PYRITE	HEMATITE	GLAUCONITE	CLAY MINERALS	AMORPHOUS FE-OXIDES	PALAGONITE	ZEOLITES	SIDERITE + RHODOCHROS.	UNSPEC. AND RXTL. CALCITE	COMMENTS	FORAM-INIFERS	NANNO-FOSSILS	RADIO-LARIANS	DIATOMS	SPONGE SPICULES	SILICO-FLAGELLATES	MOLLUSK + ECHIN. FRAG'S.	PHOSPHATIC + FISH DEBRIS	ORGANIC + PLANT DEBRIS	MISCELL. + ALTERED	AGE	LITHOLOGIC UNIT
1-1, 50																											PLEISTOCENE	1
1-1, 55																												
1-2, 16																												
1-2, 64																												
1-2, 75																												
1-3, 0 [a]																Black coal-like fragment												
1-3, 55																												
1-3, 68																												
1-3, 126																												
1-3, 145																												
1-4, 8																												
1-4, 14																												
1-4, 45																												
1-4, 51																												
1-4, 88																												
1-4, 115																												
1-4, 125																												
1-5, 21																												
1-5, 49																												
1-5, 120																												
1-6, 6																												
1-6, 40																												
1-6, 70																												
1-6, 95																												
1-6, 121																												
1, CC																												
DRILLED 60.1 TO 107.2 m																												
2-1, 65																												
2-1, 110																												
2-1, 140																												
2-2, 20																												
2-2, 98																Near base of graded bed												
2-2, 117																												
2-2, 118																												
2-3, 30																												
2-3, 64																												
2-3, 145																												
DRILLED 116.8 TO 174.0 m																												
3-1, 133																												
3-1, 138																												
3-2, 10																												
3-2, 38																												
3-2, 86																												
3-2, 90																												
3-2, 127																In middle of graded bed												
3-2, 133																Near base of graded bed												
DRILLED 183.5 TO 202.5 m																												
4-1, 40																												
4-1, 71																												
4-1, 93																												
4-1, 112																												
4-1, 130																												
4, CC																												
DRILLED 212.0 TO 231.0 m																												
5-1, 55																											PLIOCENE	
5-1, 63																												
5-1, 70																												
5-1, 113																Flat indurated silty pebble												
5-1, 140																												
5-2, 3																												
5-2, 10																												
5-2, 17 [a]																3 mm-thick ooze interbed												
5-2, 46																												
5-2, 112																												
5-2, 132 [a]																1 cm thick ooze interbed												
5-3, 14																												
5-3, 120																												
5-4, 7																												
5-4, 80																												
5-4, 112																Yellowish brown streak												
5, CC																												
DRILLED 240.5 TO 250.1 m																												
6-1, 15																												
6-1, 53 [a]																Indurated burrow filling												
6-1, 79																												
6-2, 78																												
6-3, 60																												
6-4, 47 [a]																Indurated burrow filling												
6-4, 70																												
6-5, 70																												
6-5, 93																												
6-6, 70																												
6-6, 138																From light-colored "specks"												
6, CC																												
DRILLED 259.6 TO 269.1 m																												
7-1, 57																Pale brown streak												
7-1, 75																												
7-2, 75																												
7-3, 75																												
7-4, 75																												
7-4, 145																												
7-5, 38 [a]																Black pyrite-rich streak												
7-5, 75																												
7-6, 73																												
7-6, 84																												
7, CC																												
8-1, 75																												
8-1, 124 [a]																Light gray "specks"												
8-2, 7 [a]																Burrow filling												
8-2, 54 [a]																3 cm-thick calcareous interbed												
8-2, 75 [a]																												
8-2, 142 [a]																1 cm-thick ooze interbed												
8-3, 59 [a]																Black pyrite-rich streak												
8-3, 75																												
8-4, 20																Holo-type burrow mottle												
8-4, 75																												
8-5, 75																												
8-6, 54 [a]																1 cm-thick calcareous interbed												
8-6, 75																												
8, CC																												
9-1, 60																Blackish-red burrow mottle												
9-1, 71																												
9-1, 148 [a]																Indurated burrow filling												
9-2, 75																												
9-3, 75																												
9-4, 35 [a]																Semi-indurated burrow filling												
9-4, 75																												
9-4, 140 [a]																Indurated ls. pebble												
9-4, 141 [a]																3 cm-thick calcareous interbed												
9-5, 75																												
9-6, 65																											MIOCENE	2
9-6, 103 [a]																Altered basalt fragment												
9-6, 125 [a]																Hornblende fragment												
9-6, 126 [a]																Indurated silty pebble												
9-6, 131 [a]																Altered basalt fragment												
9, CC																												
10-1, 140																												
10-2, 75																												
10, CC																												
10, CC																Altered basalt fragment												
11-1, 75																												
11-2, 27																												
11-2, 32																												
11-2, 75																												
11-3, 75																												

[a] Minor lithology

SMEAR SLIDE SUMMARY, SITE 382

KEY

RARE	=	0- 4%
PRESENT	=	5-24
COMMON	=	25-49
ABUNDANT	=	50-74
DOMINANT	=	75-100

SAMPLE INTERVAL (cm)	DETRITAL QUARTZ	FELDSPAR	HEAVY MINERALS	MICA	GLASS	OPAQUES	PYRITE	HEMATITE	GLAUCONITE	CLAY MINERALS	AMORPHOUS FE-OXIDES b	PALAGONITE	ZEOLITES	SIDERITE + RHODOCHROS.	UNSPEC. AND RXTL. CALCITE	COMMENTS	FORAM-INIFERS	NANNO-FOSSILS	RADIO-LARIANS	DIATOMS	SPONGE SPICULES	SILICO-FLAGELLATES	MOLLUSK + ECHIN. FRAG'S.	PHOSPHATIC + FISH DEBRIS	ORGANIC + PLANT DEBRIS	MISCELL. + ALTERED	AGE	LITHOLOGIC UNIT
11-4, 75																												
11-4,125 [a]																Burrow filling												
11-5, 75																												
11-6, 75																												
11, CC																												
12-1, 75																												
12-2, 75																												
12-3, 80																												
12-4, 71																												
12-5, 68																												
12-6, 77																												
12-6, 104																Blackish-red, pyrite-enriched												
12, CC [a]																												
13-1, 76																												
13-2, 75																												
13-3, 71																												
13-4, 75																												
13-5, 75																												
13-6, 74																												
13, CC [a]																												
14-1, 75																												
14-2, 75																												
14-3, 75																												
14-3, 126																4 cm-thick brn. interbed												
14-4, 75																												
14-5, 75																												
14-6, 75																												
14, CC [a]																												
15-1, 75																												
15-2, 75																												
15-3, 75																												
15-4, 75																												
15-5, 75																												
15-6, 40																												
15-6, 52																												
15-6, 132																												
15-6, 136																												
15, CC																												
16-1, 13																												
16-1, 56																												
16-1, 97																												
16-1, 134																Silt interbed												
16-2, 5																												
16-2, 55																Silt interbed												
16-2, 84																Silt interbed												
16-2, 130																												
16-2, 140																Silt stringer												
16-3, 30																												
16-3, 84																												
16-4, 23																Silt interbed												
16-4, 105																												
16-4, 132																												
16-5, 77																												
16-5, 97																												
16-5, 112																Silt interbed												
16-5, 146																												
16-5, 147																Burrow filling												
16-6, 12																												
16-6, 47																Graded sand and silt interbed												
16-6, 85																												
16-6, 130																												
16-6, 131																Black inclusions in main lith.												
16, CC																												
16, CC																												
17-1, 75																												
17-1, 90																												
17-1, 97																												
17-2, 63																												
17-2, 73																												
17-2, 92																												
17-2, 120																Sand and silt interbed												
17-3, 30																												
17-3, 80																												
17-3, 133																												
17-4, 45																												
17-4, 86																												
17-4, 129																												
17-5, 49																												
17-5, 72																												
17-5, 124																Mixture of sand and clay												
17-6, 27																												
17-6, 43																Sand and silt interbed												
17-6, 118																												
17, CC																												
18-1, 63																Indurated sand and silt stringer												
18-1, 68																												
18-2, 67																Sand and silt stringer												
18-2, 86																												
18-2, 130																Sand and silt stringer												
18-3, 37																Sand andsilt interbed												
18-3, 77																												
18-3, 122																												
18-4, 39																												
18-4, 100																												
18, CC																												
19-1, 144																												
19-2, 6																												
19-2, 17																												
19-2, 43																Silty claystone interbed												
DRILLED 392.8 TO 402.3 m																												
20-2, 27																Marly limestone interbed												
20-2, 76																Marly limestone interbed												
20-2, 105																												
20-2, 147																												
20-3, 66																												
20-3, 116																												
20-4, 34																												
20-4, 119																												
20-5, 13																												
20-5, 42 [a]																1 mm-thick Mn-rich layer												
20-5, 63																												
20-5, 103																												
20-5, 105																Sand and silt stringer												
20, CC																												
21-1, 65																												
21-1, 90																												
21-2, 78																												
21-2, 84																												
21-3, 31																												
21-3, 74																												
DRILLED 421.3 TO 440.3 m																												
22-1, 123																Indurated to bottom of hole												
22-2, 75																												
22-2, 104																												
22-3, 29																												
22-3, 42																												
22-3, 128																												
22-3, 144																												
22, CC																												
DRILLED 449.9 TO 468.9 m																												
23-1, 90																												
23-1, 124																From rounded blk."blebs"												
23-1, 125																												
23-2, 39																												
23-2, 101																												
23-3, 17																												

[a] Minor lithology

LITHOLOGIC UNIT	
1	
2	
3A	
3B	
3C	
3D	
3E	