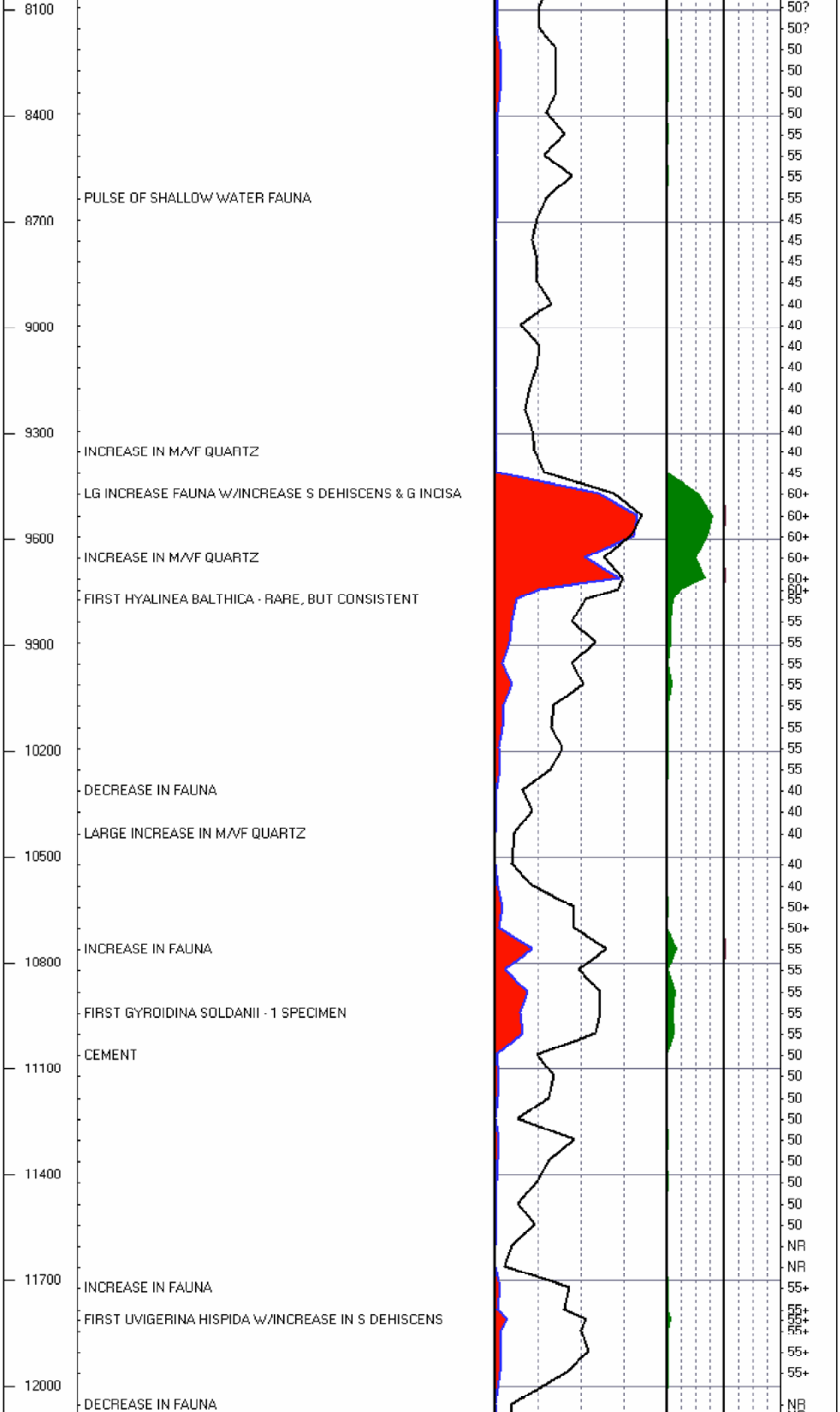
Green Canyon 238 BHPBilliton #1

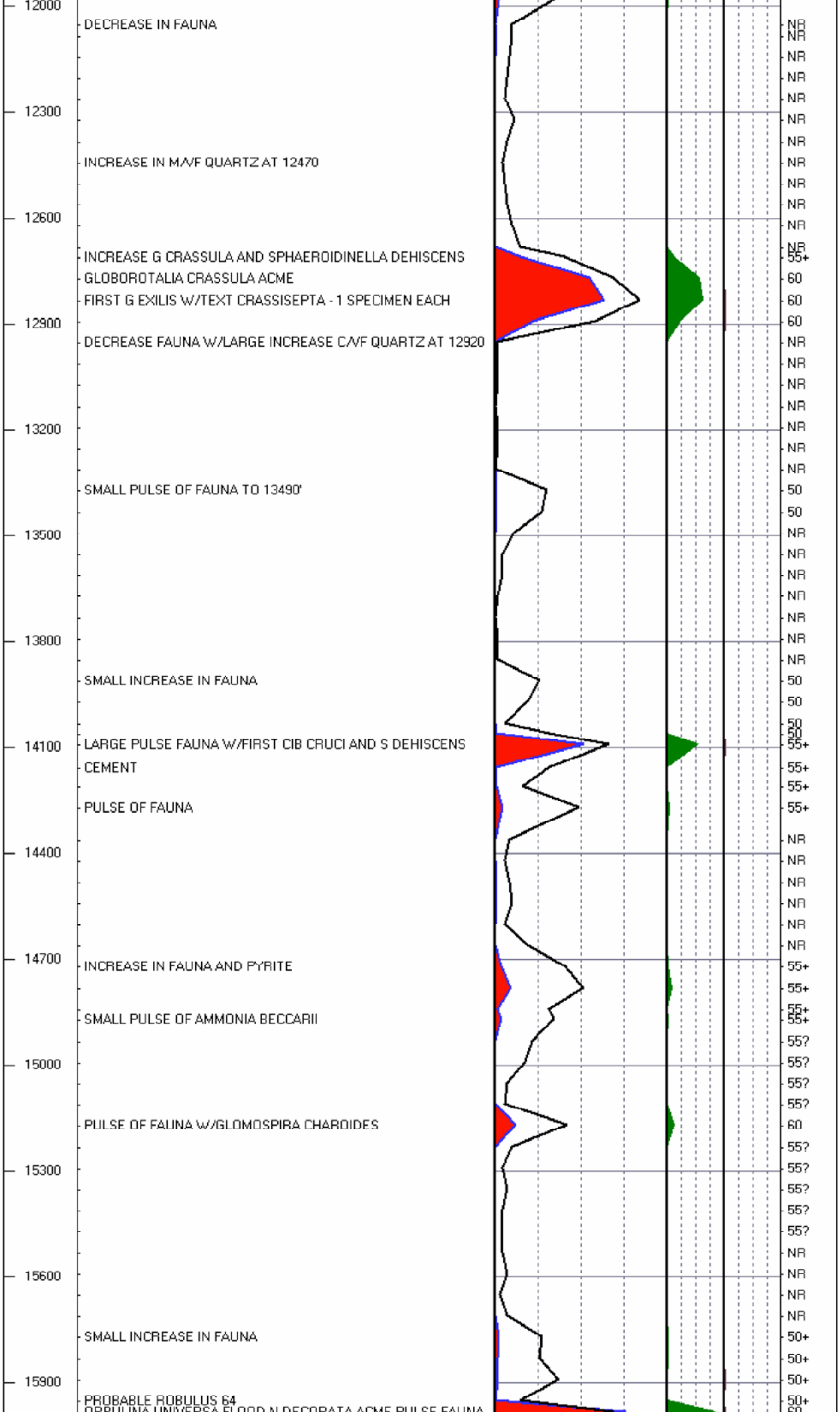
APPLIED BIOSTRATIGRAPHIX

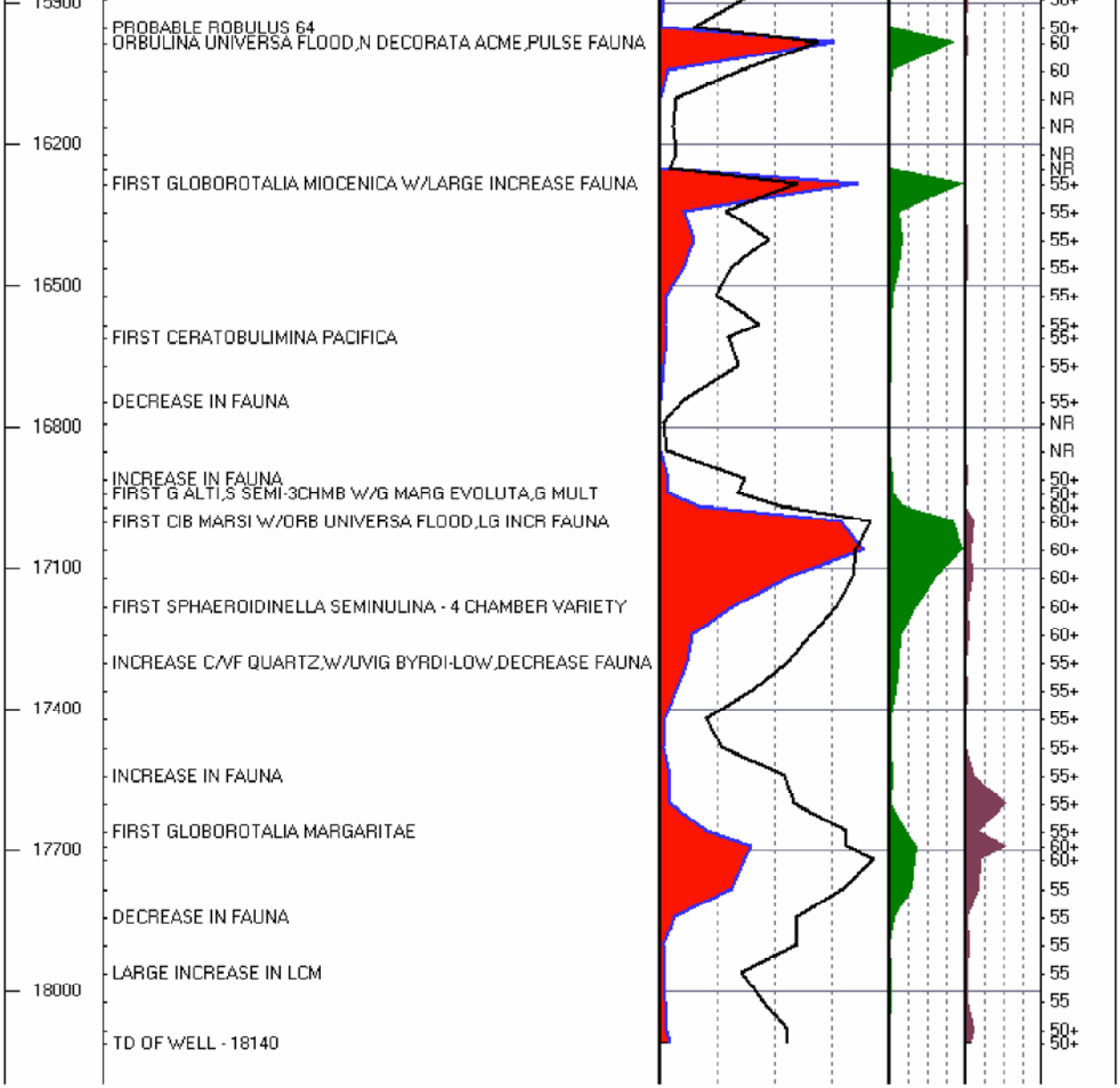
BIOSTRAT LOG

Callender 9/05

Depth (ft)	Biostratigraphic Comments	Foraminiferal Abundance (area) & Diversity (line)	Planktonic Abundance	Arenaceous Abundance	Paleoenvironment
		Specimens (Area) 0 4000 8000; Species (Line) 0 35 70	0 35000	0 10000	
	FIRST SAMPLE EXAMINED - AOA GLOBOROTALIA INFLATA				35
					35
					35
5400					35
					35
					40
					50
	INCREASE FAUNA W/STILOSTOMELLA LEPIDULA				50
5700	FIRST STILOSTOMELLA ANTILLEA - 1 SPECIMEN				50
					50
					50
					40
					40
6000					40
					40
					40
					40
	STILOSTOMELLA ANTILLEA - CONSISTENT				40
6300	FIRST GLOBOROTALIA INCISA & S DEHISCENS W/C CICAT				40
					60
					55
					55
					50
					50
6600					50
					50
					50+
					50+
					50+
6900					55
					55
	FIRST TRIMOSINA A - LOW, W/INCREASE IN M/VF QUARTZ				55
	DECREASE IN FAUNA				55
					50
					50
7200					50
	CEMENT				50
					50
					50
					50
7500	INCREASE FAUNA W/CIB NEOFLORIDANUS,BUL ACULEATA				50
					50
					50
					50
					50
7800					50
					50?
	DECREASE IN FAUNA				50?
					50?
					50?
8100					50?
					50?


8100
8400
8700
9000
9300
9600
9900
10200
10500
10800
11100
11400
11700
12000
PULSE OF SHALLOW WATER FAUNA
INCREASE IN M/VF QUARTZ
LG INCREASE FAUNA W/INCREASE S DEHISCENS & G INCISA
INCREASE IN M/VF QUARTZ
FIRST HYALINEA BALTHICA - RARE, BUT CONSISTENT
DECREASE IN FAUNA
LARGE INCREASE IN M/VF QUARTZ
INCREASE IN FAUNA
FIRST GYROIDINA SOLDANII - 1 SPECIMEN
CEMENT
INCREASE IN FAUNA
FIRST UVIGERINA HISPIDA W/INCREASE IN S DEHISCENS
DECREASE IN FAUNA


12000
DECREASE IN FAUNA
12300
INCREASE IN M/VF QUARTZ AT 12470
12600
INCREASE G CRASSULA AND SPHAEROIDINELLA DEHISCENS
GLOBOROTALIA CRASSULA ACME
FIRST G EXILIS W/TEXT CRASSISEPTA - 1 SPECIMEN EACH
12900
DECREASE FAUNA W/LARGE INCREASE C/VF QUARTZ AT 12920
13200
SMALL PULSE OF FAUNA TO 13490'
13500
13800
SMALL INCREASE IN FAUNA
14100
LARGE PULSE FAUNA W/FIRST CIB CRUCI AND S DEHISCENS
CEMENT
PULSE OF FAUNA
14400
14700
INCREASE IN FAUNA AND PYRITE
SMALL PULSE OF AMMONIA BECCARII
15000
PULSE OF FAUNA W/GLOMOSPIRA CHAROIDES
15300
15600
SMALL INCREASE IN FAUNA
15900
PROBABLE ROBULUS 64
OPBULINA UNIVERSA FLOOD N DECORATA ACME PULSE FAUNA
NR
55+
60
50
55?
50+


15900
PROBABLE ROBULUS 64
ORBULINA UNIVERSA FLOOD,N DECORATA ACME,PULSE FAUNA
16200
FIRST GLOBOROTALIA MIOCENICA W/LARGE INCREASE FAUNA
16500
FIRST CERATOBULIMINA PACIFICA
DECREASE IN FAUNA
16800
INCREASE IN FAUNA
FIRST G ALTI,S SEMI-3CHMB W/G MARG EVOLUTA,G MULT
FIRST CIB MARSI W/ORB UNIVERSA FLOOD,LG INCR FAUNA
17100
FIRST SPHAEROIDINELLA SEMINULINA - 4 CHAMBER VARIETY
INCREASE C/VF QUARTZ,W/UVIG BYRDI-LOW,DECREASE FAUNA
17400
INCREASE IN FAUNA
FIRST GLOBOROTALIA MARGARITAE
17700
DECREASE IN FAUNA
LARGE INCREASE IN LCM
18000
TD OF WELL - 18140
50+
60
60
NR
NR
NR
NR
55+
55+
55+
55+
55+
55+
55+
55+
55+
NR
NR
50+
50+
60+
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