

DATE: 1/2/86

PELICAN NO. 5

LOGGING SUITE NO. 2 BY: SCHLUMBERGER

GEOLOGIST: G.M. KJELLGREN/R. McCULLOUGH

RUN NO: 1 SHOT: 60 RECOVERED: 58

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SHOT NO.	DEPTH (m)	PULL (lb)	REC'D (cms)	CONDITION	ROCK TYPE	VISUAL POROSITY	ODOR	STAIN	FLUORESCENCE	CUT FLUORESCENCE	CRUSH CUT FLUORESCENCE	CUT RESIDUE	RATING
1	3000.0	-	3.0	GOOD	SLST: MDBRN TO GY, SOFT ARGILL, V CALC COMPLETED DISSAGG WITH DILUTE HCL. SST: DK BRN TO BLK, V FN GRN, HD & BRITTLE. COMM QTZ-XTALS SCATTER THRU SLST.	POOR < 10%	-	-	-	-	SLOW DULL YELL-BRN	-	TRACE
2	2995.0	-	2.0	GOOD	SLST: CRMY WHT, V SOFT, UNCONSOL, NON-CALC, CLY COMM, TR GLAUC AS DARK EMERALD GRN PELLA TOIDS, TR FN BLK LAMS OF ORGANIC DEBRIS	POOR < 10%	-	-	-	-	-	-	-
3	2991.0	-	3.0	GOOD	CLST: GYBRN TO DK GY, V SOFT FLAKY TO SUB-FISS, NON-CALC, GRDS TO SLST, V HOMOGENEOUS, NO BEDDING	-	-	TR RD BRN	-	-	-	-	-
4	2979.5	-	4.0	GOOD	SST: LGY TO CRMY WH, LOW M TO UP FRGRD, M TO W SRT, SA-ANG, TR CALC CMT, 10-15%, CLY MATRIX TR, COAL BKLY TO FISSLE, BLK VIT LUST, TR EMERALD GRN GLAUC	10 - 15% FAIR TO GOOD	-	-	-	MOD FAST WHT TO YELL GOLD	FAST WHT TO GLDN YELL	-	POOR
5	2978.5	-	1.5	FAIR	CLST: M BRN TO GY, NON-CALC SOFT FLAKY TO SUB-FISS, POSS MICMIC V. HOMOGENEOUS	-	-	-	-	-	-	-	-
6	2972.0	-	NO REC	-	-	-	-	-	-	-	-	-	-
7	2970.5	-	BROKEN	POOR	COAL: BK BKLY TO SUB-CONCH FRAC, RICH VIT LUST V CLEAN V HOMOGENEOUS	-	-	-	-	-	-	-	-
8	2969.0	-	1.5	GOOD	SST: LT BRN TO GY, V SOFT, V FRIABLE PRED LOW M GRN RARE UP M GRN V CALC. SAMPLE DISSAG WITH HCL. CLAY TR TO COMM M TO W SRT SR-SA.	< 10% FAIR	-	-	-	-	POOR PALE YELL GOLDEN	-	(V COMMON MIN FLUOR) TRACE
9	2965.0	-	BROKEN	POOR	SST: LT BRN TO GY, V SOFT, PREDOM LOW MDGRN RARE UP MD GRN. V CALC. SAMPLE DISSAG WITH HCL M TO S SRT SR TO SA. CLAY TR TO COMM, RARE EMERALD GRN GLAUC PELLA TOIDS.	10-15% FAIR TO GOOD	-	-	-	POOR SLOW GOLDEN YELL	POOR SLOW GOLDEN YELL WHT	-	POOR
10	2962.5	-	2.5	GOOD	SST: LT BRN TO GY, PRED UP FN GRN, M TO W SRT, SA-SR. TR CALC CMT. TR DESS ORGANIC DEBRIS, TR GLAUC EMERALD GRN PELLA TOIDS.	FAIR TO GOOD 10-20%	-	-	30% YEL WH	DULL YELL WHT	IMMED GRN YEL	-	GOOD
11	2941.0	-	4.0	GOOD	SST: LT BRN TO GY, UP FN GRN, M TO W SRT, SA. A SLOW CONTINUOUS DISSOLUTION OF SAMPLE WITH HCL (DOLO?) CMT SOFT TO FIRM, CLAY TR TO COMM	FAIR TO GOOD 10-15%	-	-	-	-	-	-	-
12	2937.0	-	2.5	GOOD	SLST: CRMY WH TO TAN BRN, NON-CALC, SILICEOUS. BANDED APPEARANCE DUE TO ALTERATIONS OF COLOR. TR TO COMMON DESS ORGANIC DEBRIS.	POOR < 10%	-	-	-	-	TR PALE YELL TO WHT	-	TRACE
13	2926.0	-	BROKEN	POOR	SLST: MD BRN GY, SOFT V-CALC, SAMPLE DISSAG COMPLETELY WITH HCL. NO APPAR BEDDING OR BANDING. COMMON BLK ORGANIC DEBRIS DESS THROUGHOUT, CLAY TR TO COMM.	POOR < 10%	-	-	-	-	-	-	-
14	2920.0	-	2.5	GOOD	SST: WH TO LT GY, UP VFNGRN, W SRT, SR, NON-CALC, SOFT TO SEMI FISS. PROB SILIC CMT, TR CLY. TR ORGANIC DEBRIS, TR MAFICS.	FAIR TO GOOD 10-15%	-	-	-	-	-	-	-
15	2915.0	-	3.0	GOOD	SST: LT BRN/GY, LOW UP MD GRN, IN SR-SA. NON-CALC SILICEOUS CMT, TR TO COMM CLY, TR TO COMM ORGANIC LAMINS, DK BRN VIT LUST V HOMOGENEOUS.	FAIR TO GOOD 10-20%	-	LT TAN TO YELL BRN SPOTTY	BRT YELL TO PALE YELLOW OVER 30-40%	IMMED BRT WHT TO YELL FADING TO ORANGE	SLOW BRT YELL TO CRMY WHT	-	EXCELLENT
16	2912.0	-	4.0	GOOD	SST: LT GY, UP FN GRN M TO W SRT, SA-SR. MOD CALCARIOUS, TR CLAY, TR ORGANIC DEBRIS, SOFT TO FRIABLE, V HOMOGENEOUS.	FAIR TO GOOD 15-20%	-	-	-	POSS TR OF PALE ORANGE	TR SLOW PALE YELLOW TO MILKY WHITE	-	TRACE
17	2900.0	-	2.5	GOOD	SLST: LT TAN GY, SOFT. BANDED APPEAR DUE TO ALTERATIONS OF LT TO TAN SILICA. NON-CALC, TR TO COMM LAMIN ORGANIC DEBRIS	POOR < 10%	-	-	-	-	-	-	-
18	2891.0	-	4.0	GOOD	SST: LT GRN TO TAN, PREDOM LOW V FN GRN, TR TO COMM FN TO LOW FN, M TO W SRT, V FN SR, OTHERS SA. CALC CMT, TR SILIC CMT. SOFT TO FIRM, TR CLAY, TR SCATTERED ORGANIC.	FAIR - GOOD 15-20%	-	-	-	-	-	-	-
19	2885.5	-	3.5	GOOD	SLST: MED BRN GY, BANDED DUE TO LAMIN OF DESS ORGANIC MAT. PROB CALC CMT SAMPLE DISSAG WITH HCL. SST: 10% ONE THIN LAMINATION (5mm) V V FN TO SUPER FN, SILIC CMT, TR CLAY, V W SRT, SR.	POOR < 10%	-	-	BRT YELL TO GOLD 30% OF SST	SLOW PALE YELL TO WHT	IMM CRMY WHT TO YELL	-	GOOD