

LOCATION *Cheniere Longueville*

DESCRIBED BY: *T. F. Mosher*

SEDIMENTARY TEXT. & STRUCTURES				BURROWING INTERVAL (m)	BASIC ROCK TYPE	BED THICK.				STRATIFICATION TYPE				COLOR	Massive	Detrital (S.S.)	Fl. cont.	Samples (G.S.)	DATE <i>2-16-84</i>	UNIT <i>Run No. 1</i> (0-6.20m) (20.3')		
CARBONATES						< 1cm	1-10cm	10-30cm	> 30cm	LAMINATED	RIPPLES	Small X-Beds	Large X-Beds								Wavy	Vertical
GN	PK	WKE	MUDST.																			
% SAND 75 50 25 5				AVERAGE GRAIN SIZE																		
<i>slightly silty clay shell hash</i>																			<i>Inner shell muds - shell hash - bag -</i>			
<i>125m</i>																			<i>Ripple ditto across laminae</i>			
<i>125m</i>																			<i>2.5 (slum) fine - v. silty sand</i>			
<i>125m</i>																			<i>fine - v. silty sand</i>			
<i>150m silty clay</i>																			<i>sand - little humus</i>			
<i>175m</i>																			<i>Ripple cross</i>			
<i>200m</i>																			<i>bedded (90% clay) ripple</i>			
<i>175m silty clay</i>																			<i>retrograde mudstone laminae - scalloped faces</i>			
<i>175m silty clay</i>																			<i>Reversed laminae</i>			
																			<i>CR-38-G-11 - 5.6m</i>			
																			<i>12 - 4.9m</i>			
																			<i>13 - 4.2m</i>			
																			<i>14 - 2.8m</i>			

Run 1:0-20' - Red

SEDIMENTARY TEXT. & STRUCTURES		BURROWING	INTERVAL (M)	BASIC ROCK TYPE	BED THICK.			STRATIFICATION TYPE				COLOR	Description	DATE 2-16-84	UNIT Run No. 2		
GN	PK				WKE	MUDST.	< 1cm	1-10cm	10-30cm	> 30cm	LAMINATED					RIPPLES	Small X-Beds
% SAND		AVERAGE GRAIN SIZE															
75	50		25														
[Sketch of sedimentary texture]		175µ	0												0-4.6m (4.6m) (15.1')	Unit No. 2 576m (1875')	
[Sketch of sedimentary texture]		175µ	1														
[Sketch of sedimentary texture]		175µ	2														
[Sketch of sedimentary texture]		175µ	3														
[Sketch of sedimentary texture]		200µ	4														
[Sketch of sedimentary texture]		200µ	5														
6 RAIN SIZE SAMPLES:																	
Run 2)	CR-38		6														
			7														
			8														
			9														
			10														

Overlap -18" at base of Run 2 Run 2 20-33 13' Run
 (6" at top of Run 2)
 or base of 1)
 "19 -34' 15.1' total

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DATE 3/23/84

UNIT Section FG

R-2
part of unit I-B
COMMENTS

SEDIMENTARY TEXT. & STRUCTURES	INTERVAL DEFORMATION	BASIC ROCK TYPE	COLOR	AV. GRAIN SIZE				BED THICK.				STRATIFI- CATION TYPE				BURROWING	SHELL CONTENT	SAMPLE	RADIOGRAPH	PHOTOGRAPH	PEEL
				< 1cm	1-10cm	10-30cm	> 30cm	LAMINATED	RIPPLES	Small X-beds	Large X-beds	MASSIVE	OTHER								
% SAND 100 75 50 25 0			tan-lt gray																		

0
0.5
1.0
1.5m

1.0-1.5m

* "Organics" are mostly fragmented (rotted?) plant detritus, minor amount of cotton grounds;

Plane & Trough
X-bedded clean f. sand, 0.3m thick unit of bedded sequences at 0.5 - 0.8m.

Distributary Channel Sand
Crossbedding is high angle 10°-30° in lower part of core;

Missing section FG; R-2
Repeat Section? (or Base of R2)

> Heavy minerals trace of X-bedding plane surfaces;

NAME CR-38

STRUCT. SETTING

LOCATION

DESCRIBED BY: T.T. Voshell

SEDIMENTARY TEXT. & STRUCTURES				BURROWING INTERVAL ()	BASIC ROCK TYPE	BED THICK.				STRATIFICATION TYPE				COLOR	Massive	Dot matrix	Vertical lines	Sand Samples	DATE 2-10-54	UNIT Run # 3			
CARBONATES						< 1cm	1-10cm	10-30cm	> 30cm	LAMINATED	RIPPLES	Small X-Beds	Large X-Beds								Wavy	Lo-Ten	
GN	PK	WKE	MUDST.	% SAND				AVERAGE GRAIN SIZE								Total Length (2.05 m) (0.7')							
				75	50	25	5	175u				Massive sandstone with large - small clay rip-up clots (breccia)				Basal X-bedded sand				Very sharp contact			
								250u				Silty clay with parallel basinal contact with sand streaked with silty sand (1-2 to 15%) No lamination?				Trace amounts of soft-sediment deformation.				Unit 2			
								1												Unit 1			
								2															
								3															
								Run 3: Green color - conglomerate												Unit 2 - Basal X-bedded sand (Trough? X-bedded)			
								GR 38-61 - 0.65m												Lamination abnormal by caving?			
								CR 38-62 - 0.50m												Overlying unit contains 2 layers (5-7cm) horizontal clay shales and basal sand cr (1-2 cm) scattered irregular clay clasts			
								CR 38-3 - 1.0 m															
								light yellow (90%)															

Run 3 33-40' (Run)
 Run

LOCATION _____

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DATE _____

UNIT _____

COMMENTS

missing section

*planar x-beds & parallel laminae.
0.5 to 0.8 organic debris (plant fragments) on bedding planes
planar & trough x-beds*

Section positioned 1.7 m from base of channel sequence

SEDIMENTARY TEXT. & STRUCTURES	INTERVAL DEFORMATION	BASIC ROCK TYPE	COLOR	BED THICK.				STRATIFICATION TYPE				BURROWING	SHELL CONTENT	SAMPLE RADIOGRAPH PHOTOGRAPH PEEL	
				AV. GRAIN SIZE	< 1cm	1-10cm	10-30cm	> 30cm	LAMINATED	RIPPLES	Small X-Beds				Large X-Beds
% SAND 100 75 50 25 0															
			<i>17m</i>												
			<i>200m</i>												

*0
0.5
1.0
1.5
2.0*