

WELL: LO16-31D

PALYNOLOGICAL ANALYSIS

DEPTH: 10580'

ZONE: V

PROCESSING:

Reaction of the sample to acids:

- Chlorhydric acid: -
- Fluorhydric acid: Strong
- Flotation: Double time

FINDINGS:

Chart 1. Palynomorphs content

PHOTO	MICRO SPECIE	QUANTITY	PERCENTAGE
A	<i>Diporites sp 1</i>	26	53
B	<i>Apiculatisporites sp</i>	7	14
C	<i>Polipodaceosporites sp 4</i>	3	6
D	<i>Diporites sp 3</i>	2	4
E	<i>Verrucate trilete spore</i>	2	4
F	<i>Bombacacidites sp 10</i>	2	4
G	<i>Stephanoporites sp 3</i>	2	4
H	<i>Deltoidospora sp</i>	1	2
I	<i>Lyciliae sp 1</i>	1	2
J	<i>Verrucosisporites sp</i>	1	2
K	<i>Diporites sp 2</i>	1	2
L	<i>Tripoporollenites sp 5</i>	1	2

DESCRIPTION

I have recognized 12 micro species and 49 palynomorphs.

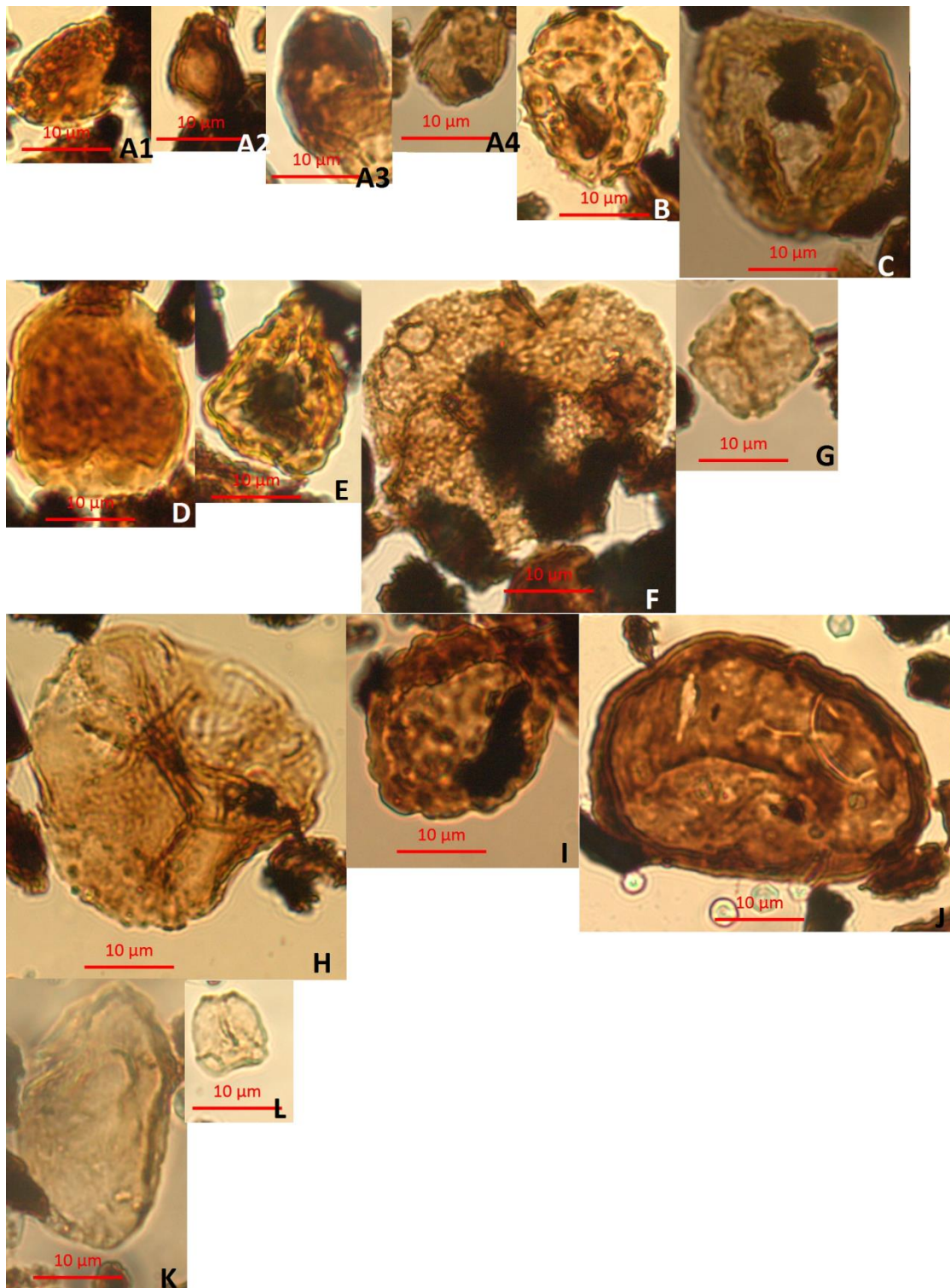
DISCUSSION:

As I show in char 1, I have found 49 palynomorphs, most of them are in zone V (resalted) also I have found palynomorphs from VI, VII and VIII zone, I think their presence is because of mud reuse or fallen.

RESULTS:

This interval is in V zone.

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PICTURE 1. Palynomorphs

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CHART 2. Histogram



GEOLOGY LABORATORY
SHEET CONTROL
HISTOGRAM

WELL: LO16-31D MADE BY: Ing Dana Gutierrez			<div>Tetracolporopollenites sp</div> <div>Diporites sp 2</div> <div>Syncolpites sp 3</div> <div>Bombacacidites sp 11</div> <div>Diporites sp 3</div> <div>Diporites sp 1</div> <div>Stephanoporites sp 3</div> <div>Apiculatisporites sp</div> <div>Porocolporopollenites sp</div> <div>Peltandrapites sp</div> <div>Bombacacidites sp 6</div> <div>Verrucate trilete spore</div> <div>Liliacidites sp</div> <div>Tanaysphaeridium sp</div> <div>Triporopollenites sp 5</div> <div>Reticulatisporites sp 1</div> <div>Polipodaeciosporites sp 4</div> <div>Deltoideospora sp</div> <div>Cerodinium sp</div> <div>Bombacacidites aracuarensis</div> <div>Hystichosphaeridium sp</div> <div>Paleovystodinium sp</div> <div>Classopollis sp</div> <div>Lycillae sp 1</div> <div>Bombacacidites sp 6</div> <div>Tetracolporopollenites sp</div> <div>Granulatisporites sp</div> <div>Bombacacidites sp 10</div> <div>Verrucosporites sp</div>																													ORGANIC MATERIAL COLOR 1 -. Pale Yellow 2 -. Yellow 3 -. Intense Yellow 4 -. Amber 5 -. Orange 6 -. Dark Orange 7 -. Brown		
N°	Sample type	Deepth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	All	ZONE	
1	D.S.	9060'	14	11	9	8	5	4	3	2	1	1	1	1	1																	61	VI with V reworked zone	
2	D.S.	9290'-9300'		4		1		7		12		3	2	1		3	2	2	2	1	1	1	1										43	VI with V & IV reworked zone
3	D.S.	9530'		2				3		11		1				1			2	2			3	2	1	1	1	1					31	VI with V & IV reworked zone
4	D.S.	9740'		4						3		1													1								9	Undeterminable
5	D.S.	9940'		2		1		6		6									1														16	VI with V reworked zone
6	D.S.	10210'		6				3		6									3	1			1			1				3			24	VI with V reworked zone
7	D.S.	10420'					3	5		5										2					1						2		18	Tail V zone
8	D.S.	10580'		1			2	26	2	7				2			1		3	1						1				2	1		49	V zone
																																251	TOTAL	