

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8740	8790	80	CLYST-SHLY CLYST, GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, OLC SLTY, MOD FRM OLC FRM		NF	
		20	SLTST GY, SBBLKY-BLKY, NON CALC, OLC MIC, MOD FRM ACC: FW MASS & LAM CALC, DOL			
8790	8800	90	CLYST-SHLY CLYST, GY, SAME AS ABOVE		NF	
		10	SLTST GY, SAME AS ABOVE ACC: FW MASS CALC			
8800	8820	80	CLYST-SHLY CLYST, GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, OLC SLTY, MOD FRM		NF	
		20	SLTST GY, SAME AS ABOVE ACC: FW MASS CALC, MICFDS			
8820	8840	90	CLYST-SHLY CLYST, GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, SLTY IN PT, MOD FRM		NF	
		10	SLTST, GY, SBBLKY, NON CALC, MIC, MOD FRM ACC: FW MASS CALC, MICFDS			
8840	8866	80	CLYST-SHLY CLYST, GY, SAME AS ABOVE		NF	
		20	SLTST GY, SAME AS ABOVE ACC: FW MASS CALC, MICFDS			
DRILLING STOPPED AT THE F.T.D OF 8866' MD, ON MAY 22 TH , 1995 AT 09.00 HRS.						

Logger: A GARRO E.

Date: MAY 22th, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8620	8625	50	CLYST	MOD HD MNR FRM, P VIS POR ACC: SOME SHELL FRAG, FW MASS CALC	NF	
		30	SD	SHLY CLYST, BN SH GY, GY, SAME AS ABOVE		
		20	SS	HYAL WH-MKY WH BTZ, SAME AS ABOVE SL GY SH WH, SAME AS ABOVE ACC: FW MASS CALC		
8625	8630	80	CLYST	SHLY CLYST, BN SH GY, GY, SAME AS ABOVE	NF	
		10	SD	HYAL WH-MKY WH BTZ, SAME AS ABOVE		
		10	SS	SL GY SH WH, SAME AS ABOVE ACC: SOME MASS CALC		
8630	8675	90	CLYST	SHLY CLYST, GY, BN SH GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, OCC SLTY, MOD FRM-FRM	NF	
		10	SLTST	GY, SBBLKY, NON CALC, V OCC MIC, MOD FRM ACC: FW MASS CALC		
8675	8685	60	CLYST	SHLY CLYST, BN SH GY, GY, SAME AS ABOVE		
		20	SH	BN SH GY-BN, PLTY, FIS, NON CALC, V MICRMIC, MNR MICRCARB, WXY IN PT, FRM	NF	
		10	SLTY SS	WH SH, 100% V F GR, W SRTD, SLTY & ARG MTY, SL CALC, DK GY GRS INCL, MOD HD, V P VIS POR		
		10	SLTST	GY, SAME AS ABOVE ACC: FW MASS CALC		
8685	8705	70	CLYST	SHLY CLYST, GY, SBPLTY-SBBLKY, NON CALC, V MICR- MIC, MNR MICRCARB, MOD FRM-FRM	NF	
		20	SH	GY, PLTY, FIS, NON CALC, V MICRMIC, MNR MICRCARB, OCC WXY, MOD FRM-FRM		
		10	SLTST	GY, SBBLKY, NON CALC, OCC MIC, MOD FRM ACC: FW MASS CALC		
8705	8740	90	CLYST	SHLY CLYST, BN SH GY, GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, V OCC SLTY, MOD FRM-FRM	NF	
		10	SLTST	GY, BIKY, NON CALC, OCC MIC, MOD FRM ACC: FW MASS CALC		

Logger: A. GARRO E

Date: MAY 21th, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8570	8580	80	CLYST	-SHLY CLYST, GY, BN SH GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, MOD FRM-FRM	NF	
		10	SS	LT GY-GY, 100/V F GR, W SRTD, ARG MTX, SL CALC, DK GY GRS INCL, MOD HD-HD, V P VIS POR		
		10	SLTST	GY, SBBLKY, NON CALC, MOD FRM ACC: FW MASS CALC		
8580	8595	90	CLYST	-SHLY CLYST, GY, BN SH GY, SAME AS ABOVE	NF	
		10	SLTST	GY, SAME AS ABOVE ACC: FW MASS CALC		
8595	8605	60	CLYST	-SHLY CLYST, GY, BN SH GY, MNR BN, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, SL SLY, MOD FRM	NF	
		20	SD	HYAL WH-MKY WH BTZ, 40/V F, 30/F, 20/M, 10/C GRS, SBANG-SBRD, FR SRTD, FW DK GY GRS & TR GN GRS		
		20	SS	WH, 90/V F, 10/F GR, W SRTD, CLN IN PT, CALC, OCC MIC (MUSC), DK GY GRS INCL, FRI-MOD HD, P VIS POR ACC: FW MASS CALC, MASS & XL BRI PYR		
8605	8610	50	CLYST	-SHLY CLYST, BN SH GY, BN, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, OCC SLY, MOD FRM-FRM	5/	SL YEL' SH WH FLUR, NO CUT, V SLOW V WK
		30	SD	HYAL WH-MKY WH BTZ, 30/V F, 40/F, 20/M, 10/C GRS, SBANG-SBRD, P SRTD, FW DK GY GRS & TR GN GRS		SL MKY WH ON CRUSHED SPL, V P RES RING
		20	SS	WH, 90/V F, 10/F GR, W SRTD, CLN IN PT, NON CALC, DK GY & TR GN GRS INCL, FRI & MOD HD, P VIS POR ACC: FW MASS & XL BRI PYR, MASS CALC		
8610	8615	60	CLYST	-SHLY CLYST, BN SH GY, GY, SAME AS ABOVE	5/	SAME AS ABOVE
		20	SD	HYAL WH-MKY WH BTZ, SAME AS ABOVE		
		20	SS	WH, SAME AS ABOVE ACC: FW MASS CALC		
8615	8620	40	CLYST	-SHLY CLYST, BN SH GY, GY, SAME AS ABOVE	NF	
		40	SD	HYAL WH-MKY WH BTZ, 30/V F, 30/F, 20/M, 20/C GRS, SBANG-SBRD, P SRTD, FW DK GY & TR GN GRS		
		20	SS	SL GY SH WH, 80/V F, 20/F GR, W SRTD, SL CLN, NON CALC, OCC MIC (MUSC), DK GY & TR GN GRS INCL,		

Logger: A GARRO E

 Date: MAY 19th, 1995

WELL:.....L016-20..... AREA:.....LOBITOS COSTA FUERA.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8530	8540	40	SD	ACC: FW MASS CALC HYAL WH-MKY WH RTZ, 90/VF, 10/F, TR M GRS, PREB SBRD, W SRTD, FW DK GY GRS	20/	YEL'SH WH FLUO NO CUT, V SLOW
		40	CLYST	SHLY CLYST, BN'SH GY, BN, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, DEC SLTY, MOD FRM-FRM		V WK SL MKY W ON CRUSHED SPI
		20	SS	WH, 70/VF, 30/F GR, SBANG-SBRD, W SRTD, CLN, NON CALC, MIC (MUSE), DK GY GRS INCL. P VIS PER		P RES RING
		TR	KAO	ACC: FW MASS CALC		
8540	8550	50	SD	HYAL WH-MKY WH RTZ, 50/VF, 20/F, 20/M, 10/C GRS, SBANG-SBRD, FR SRTD, FW DK GY & TR GN GRS	35/	YEL'SH WH FLUO SAME AS ABOVE
		30	CLYST	SHLY CLYST, BN'SH GY, BN, SAME AS ABOVE		
		20	SS	WH, SAME AS ABOVE		
		TR	KAO	ACC: FW LAM CALC		
8550	8555	50	CLYST	SHLY CLYST, BN'SH GY, BN, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, MOD FRM-FRM	10/	YEL'SH WH FLUO SAME AS ABOVE
		30	SD	HYAL WH-MKY WH RTZ, 30/VF, 20/F, 20/M, 20/C, 10/V C GRS, SBANG-SBRD, P SRTD, FW DK GY & TR GN GRS		
		20	SS	WH, 70/VF, 30/F GR, SBANG-SBRD, W SRTD, CLN, V SL CALC, MIC (MUSE), DK GY & TR GN GRS INCL. FR & MOD HD, P VIS PER		
				ACC: FW MASS BRI PYR		
8555	8560	60	CLYST	SHLY CLYST, BN'SH GY, BN, SAME AS ABOVE	5/	SAME AS ABOVE
		30	SD	HYAL WH-MKY WH RTZ, SAME AS ABOVE		
		10	SS	WH, SAME AS ABOVE		
				ACC: FW LAM & MASS CALC		
8560	8565	80	CLYST	SHLY CLYST, BN'SH GY, BN, SBPLTY-SBBLKY, NON CALC, V MICRMIC, MNR MICRCARB, V DEC SLTY, MOD FRM	NF	
		20	SD	HYAL WH-MKY WH RTZ, 80/VF, 20/F, TR M GRS, SBANG-SBRD, W SRTD, FW DK GY GRS		
				ACC: FW MASS CALC		
8565	8570	100	CLYST	SHLY CLYST, BN'SH GY, GY, SAME AS ABOVE	NF	
				ACC: FW DOL, MASS BRI PYR		

Logger:.....A GARRE E.....

Date:.....MAY 19th 1995.....

WELL:.....L016-20..... AREA: LOBITOS COSTA FUERA.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8480	8485	60	CLYST	-SHLY CLYST, GY, BNSH GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, V MNR MICRCARB, DEC SCLY, MOD FRM-FRM	NF	
		30	SLTY	SS, LT GY, 100/ V F GR, W SRTD, SLTY & ARG MTX, V SL CALC, MIC (MUSC), DK GY GRS INCL, MOD HD DEC HD, V P VIS PER		
		10	SLTST	GY, SBBLKY, NON CALC, DEC MIC, MOD FRM ACC: FW MASS CALC		
8485	8490	50	CLYST	-SHLY CLYST, BNSH GY, MNR GY & BN	NF	
		50	SS	WH, 100/ V F GR, W SRTD, CLN IN PT, V CALC, MIC (MUSC), DK GY GRS INCL, MOD HD, P VIS PER ACC: FW MASS CALC		
8490	8495	60	SS	WH, SAME AS ABOVE + TR GN GRS INCL	51	SL BR, WH FLUR, NO CUT
		40	CLYST	-SHLY CLYST, BNSH GY, SAME AS ABOVE ACC: FW LAM CALC		V SLOW V WR SL MRY WH CN CRUSHED SPL, P RES RING
8495	8510	40	CLYST	-SHLY CLYST, GY, BNSH GY, SBPLTY-SBBLKY, NON CALC, V MICRMIC, V MNR MICRCARB, MOD FRM-FRM	NF	
		20	SS	WH, 90/ V F, 10/ F GR, W SRTD, CLN IN PT, V CALC, MIC (MUSC), DK GY GRS INCL, P VIS PER		
		10	SLTST	GY, SBBLKY, SL CALC, DEC MIC, MOD FRM ACC: FW MASS CALC		
8510	8520	70	CLYST	-SHLY CLYST, GY, BNSH GY, SAME AS ABOVE	NF	
		20	SH	GY, BNSH GY, PLTY, FIS, NON CALC, V MICRMIC, MNR MICRCARB, WXY, MOD FRM-FRM		
		10	SLTST	GY, SAME AS ABOVE ACC: FW MASS CALC		
8520	8530	60	CLYST	-SHLY CLYST, GY, BNSH GY, SAME AS ABOVE	NF	
		30	SLTY	SS, SL GYSH WH, 100/ V F GR, W SRTD, SLTY & SL ARG MTX, V SL CALC, MIC (MUSC), DK GY GRS INCL, V P VIS PER		
		10	SD	HYAL WH-MRY WH BTZ, 100/ V F GR, W SRTD, FW DK GY GRS		

Logger:.....A. GARRO E.....

Date:.....MAY 19th 1995.....

WELL:.....LO16-20..... AREA:.....LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8460	8470	60	CLYST	KAO MTX, OCC SLTY MTX IN PT, CALC, FR TO MOD HD IN PT, W/DK & OCC ENBR, MIC (HUSC) INCL, VP-PVLS POR. ACC: FW MASS CALC, PYR.		
				BRN/SHGY, HNRGY, SBBLKY, SBRITY, NON CALC, MIC. MIC, MIC CORB, SLTY INPT, MOD FRM TO FRM.	N.F	
		30	SS	WH & SLG, SHWH, 40% F, 60% VF GR, V.W SRTO, KAO & OCC SLTY MTX, CALC, MOD FR, VOCC HD, W/DK GR, MIC FLKS (HUSC) INCL, P.VLS POR.		
		10	SLTST	LTGY, SBBLKY, CALC, W/MIC, COAL INCL, GRAD TO VF SS IN PT, FRM. ACC: FW MASS CALC.		
8470	8480	60	CLYST	BRN/SHGY, HNRGY, SBBLKY, HNR SBRTY, NON CALC, MIC. MIC, MIC CORB. OCC DEST-IPYR. CLOT, MOD FRM.	N.F	
		40	SS	SLG, SHWH & WH, 40% VF, 60% FGR W/SRTD, COM KAO MTX, HNR & OCC SLTY MTX, CALC, FR TO MOD HD IN PT, W/DK & OCC ENGRS, MIC FLKS (HUSC) INCL, SLTY SS INPT P.VLS POR. ACC: FW MASS CALC.		

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8420	8430	10	SS	WXY INPT, FEM & COMPACT.		
		10	SS	WH, MNR SL GY WHWH, 100% VF-FGR, W. SRTD, KAO HTX, CALC, W/DKGR, MIC INCL, MOD HD, P. VIS POR.		
		10	SLTST	GY, MNR, BRN'SH GY, SBBLKY, CALC, W/HIL, COAL & GN MINS INCL, FRM.		
		70	CLYST	ACC. FW AMOR GLAUC, MICRFOSS.		
		10	SS	BRN'SH GY, MNR GY, SBELUM, MNR SBPLTY, NON CALC.	N F	
8430	8440	10	SS	MICRMIC, OCC DUSTY PYR SLAT, MOD FRM.		
		10	SD	WH, MNR SL GY WHWH, 100% VF-FGR, SAME AS ABOVE.		
		10	SD	MYDL WH, 100% VF-FGRS, V.W SRTD, SBAND, CLEAN, OCC GN GRS.		
		10	SH.	SLDKGY, PLTY, FISS, NON CALC, MICRMIC, MICRCORB		
		60	CLYST	SLKY IN PT, FEM & COMPACT.		
8440	8450	20	SD	ACC. FW AMOR GLAUC, MICRFOSS, MASSCALC.	5%	Pale Yellow FL. NO CUT.
		10	SS	BRN'SH GY, MNR GY, SOME DS ABOVE.		
		10	SS	MYDL WH, MNLHLKY WH ST2, MOSTLY F & M GR, V.W SRTD.		
		10	SH.	SBAND, MNR SBAND, OCC GN & RD'SH GRS.		
		10	SH.	WH, MNR SL GY WHWH, 100% VFGR, V.W. SRTD, KAO HTX, CALC, W/DKGR & MIC (FLSS) INCL, SLTY-SS, CLEAN P. VISPOR.		slow & wh HLKY WH CUT ON CRUSHED SPL. PRES KING.
8450	8460	10	SH.	SLDKGY, PLTY-LAM, NON CALC, FISS, MICRMIC, MICRCORB, SLKY IN PT, FEM & COMPACT.		
		70	CLYST	ACC. FW AMOR GLAUC, MICRFOSS, MASSCALC.	N F	
		10	SS	BRN'SH GY, MNR GY, SBBLKY, MNR SBPLTY, NON CALC.		
		10	SH	MICRMIC, OCC DUSTY PYR SLAT, MOD FRM.		
		10	SLTST	GY, MNR LTGY, SBBLKY, CALC, W/HIL, COAL & GN MINS INCL, FRM.		
8450	8460	70	CLYST	ACC. FW MASSCALC, PYR & MICRFOSS.	N F	
		10	SH	BRN'SH GY, MNR GY, SBBLKY, MNR SBPLTY, NON CALC, MICRMIC, MICRCORB, SLTY, MOD FRM.		
		20	SS	GY & MNR SLDKGY, PLTY, NON CALC, MICRMIC, MICRCORB, SL FISS, FEM & COMPACT.		
				-SLTY-SS, SLGY SHWH & WH, 100% VFGR, U.W. SRTD.		

Logger: T. HORRLES-ABETON

Date: MAY 18th, 1995

WELL: LAIA-20 AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8300	8320	70	CLYST	BRN' SH Gy, MNR Gy, SBELKY, SEPLTY, NON CALC, MICRO- MIC, MICRO CORB, OIL DUSTY PYR SCOT, MOD FRM.	N F	
		20	SH	SLDKY, MNR Gy & BRN' SH Gy, PLTY, FISS NON CALC MICROMIC, MICRO CORB, SLKY IN PT, FRM & COMPACT.		
		10	SLYST	Gy, SBELKY SAME AS ABOVE. ACC: FW MASS CALC, DOL, TR MICRO FOSS.		
8320	8330	70	CLYST	BRN' SH Gy, MNR Gy, SBELKY, MNR SEPLTY, NON CALC, MICROMIC, MICRO CORB, OIL LAM COAL INCL. FRM.	N F	
		20	SLYST	Gy, SBELKY, CALC, W/MIC, COAL & FW GN MINS INCL, GRAD TO VF SS IN PT, FRM.		
		10	SH	SLDKY, MNR Gy, PLTY - LAM, FISS NON CALC, V MICRO- MIC, MICRO CORB, FW SLKY IN PT, FRM & COMPACT. ACC: N/A		
8330	8360	70	CLYST	BRN' SH Gy & MNR Gy, SBELKY, MNR SEPLTY NON CALC, MICROMIC, MICRO CORB, OIL DUSTY PYR SCOT, MOD FRM.	N F	
		20	SH	SLDKY, SAME AS ABOVE.		
		10	SLYST	Gy, SBELKY, CALC, W/MIC, COAL & FW GN MINS INCL, GRAD TO VF SS IN PT, FRM. ACC: FW MASS CALC, TR MICRO FOSS & AMOR GLAUC.		
8360	8390	60	CLYST	Gy & BRN' SH Gy, SEPLTY, MNR SBELKY, NON CALC, V. MICROMIC, MICRO CORB, SLTY IN PT, MOD FRM, MNR TRM.	N F	
		30	SH	SLDKY, MNR DKGy, PLTY, FISS, NON CALC, V. MICROMIC (SERICITE), MICRO CORB, FRM & COMPACT.		
		10	SLYST	Gy & LT Gy, SBELKY, CALC, W/MIC, COAL & FW DR & GN MINS INCL, GRAD TO VF SS IN PT, FRM. ACC: FW MASS CALC, TR AMOR GLAUC, SOME MICRO FOSS		
8390	8400	60	CLYST	BRN' SH Gy & MNR Gy, SEPLTY, MNR SBELKY, NON CALC, V. MICROMIC, MICRO CORB, SLTY IN PT, MOD FRM.	15%	Yell SHWN & BR FL NO CUT. FAST & STRNG HLKYWH ON CRUSHED SPL. FR. RES. BING
		30	SS	WH & HUE V. SLGy SHWN, 100/VF GR, V. W SRTD, V. OIL SLTY HTX, CALC, W/MIC, DKGy & MNR GN BR INCL, MOD HD, FW IN PT, SLTY-SS, P. VIS PR.		
		10	SH	SLDKY, PLTY, SL FISS, NON CALC, V. MICROMIC, MICRO CORB, FRM & COMPACT. ACC: FW MASS CALC & KOO.		
8400	8420	60	CLYST	BRN' SH Gy & MNR Gy, SAME AS ABOVE	N F	
		20	SH	SLDKY, PLTY, SL FISS, NON CALC, V. MICROMIC, V. MICRO CORB.		

Logger: T. HORALES PABLO

Date: MAY 17th 1995

WELL: L016-20.

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8220	8230	60	CLYST	BRN'SH GY, MNR BRN & GY, SBELKY, MNR SEPLTY, NON CALC, MICROMIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, MOD FRM.	N.F	
		20	SS	SLWH'SH GY, MNR SLGN'SH GY, 80% VF-F, 20% F-M GRs, W. SRD, SLTY MTX, OCC KAO MTX, CALC, MOD FRI, HD IN PT, W/MIC TLKS (MUCH) & COM GLAUC GR INCL, DRTY, V.P. VIS POR.		
		10	SD	MYALWH & MNR HLKWH STR, MOSTLY F & M GRs, W. SRD, SBAND, MNR SBAND, QIZ W/ CLY MAT ON SURF, OCC GN SHOCK GRs.		
		10	SH	SLDK GY, MNR BRN, PLTY, FISS, NON CALC, MICROMIC, OCC LOM COAL INCL, FRM. ACC: FW MASS CALC, PYR; COM AMOR GLAUC.		
8230	8250	60	CLYST	GY & BRN'SH GY, SEPLTY, MNR SBELKY, NON CALC, MICROMIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, MOD FRM.	N.F	
		20	SH	SLDK GY, MNR DKERN, PLTY, FISS, NON CALC, MICROMIC, OCC LOM COAL INCL, SKY IN PT, FRM & COMPACT.		
		10	SS	SLWH'SH GY, MNR GN'SHERN, 100% VF-F, W. SRD, SLTY MTX, OCC KAO MTX, CALC, MOD FRI, HD IN PT, W/MIC (WSD), COM GLAUC GR INCL, DRTY V.P. VIS POR.		
		10	SILT	GY & BRN'SH GY, SBELKY, CALC, W/MIC, COAL & GN MINS INCL, FRM. ACC: FW MASS PYR & CALC; COM AMOR GLAUC, ABDT MICE FOSS.		
8250	8280	70	CLYST	GY & BRN'SH GY, SEPLTY, MNR SBELKY, SAME AS ABOVE	N.F	
		20	SH	SLDK GY, MNR GY, SEPLTY - PLTY, NON CALC, SEFISS, V. MICROMIC, MICR CARB, FW SKY IN PT, FRM & COMPACT.		
		10	SILT	GY & BRN'SH GY, SL CALC, W/MIC, COAL & GN MINS INCL, FRM. ACC: FW MASS CALC, AMOR GLAUC, COM MICE FOSS.		
8280	8300	60	CLYST	BRN'SH GY, MNR GY, SEPLTY, MNR SBELKY, NON CALC, MICROMIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY, FRM.	N.F	
		30	SH	SLDK GY, SEPLTY - PLTY, SLFISS, NON CALC, MICROMIC, MICR CARB, OCC SKY IN PT, FRM & COMPACT.		
		10	SILT	GY & BRN'SH GY, SAME AS ABOVE. ACC: FW MASS CALC, DOL, MICE FOSS		

Logger: TWO ROLAN DOCTAN

Date: MAY 17th 1995

WELL:.....LO16-20..... AREA:.....LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8185	8190.	60	SD	HYALWH, MNR MLKY WH QTZ, 50% F, 30% H, 10% C, 10% VGR, W. SRTD, SBRND - SBRND, V. OCC HCLLY. CLEAN, V. OCC RD'SH GR & DK GY GRs.	N.F	
		20	SS	HYALWH & WH, 100% VF-FGR. WELL SORTED, NIL MTX, V. OCC KAO MTX. SL CALC, FRI, MOD HD IN PT, W/DK GR. OCC GNGR & MIC (MUL) INCL, FW PYR IN PT, FR-P VIS POR.		
		20	CLYST	GY, MNR BRN'SH GY, SBLKY SBLPTY, MICRMIC, MICLDRB, NON CALC, SLTY & OCC DUSTY PYR SCOT, MOD FRM. ACC: FW MASS KAO & AMOR GLAUC.		
8190	8195	50	SS	WH, MNR SLGY SH WH, 80% VF-F, 20% F-M GR W. SRTD, DSDT KAO MTX, CALC, FRI TO MOD HD IN PT, W/DK GNGR, OCC MIC FLK (MUL) INCL, FW PYR-SS, OCC LOM COAL P-FR VIS POR. ONE V. TARRY LAM SS	N.F	
		20	SD.	HYALWH, MNR MLKY WH QTZ, SOME AS ABOVE.		
		20	CLYST	BRN'SH GY, MNR GY, SBLPTY, MNR SBLKY, NON CALC, MICRMIC, MICR CARB, SLTY & DUSTY PYR SCOT, MOD FRM.		
		10	SH.	SLDKGY, PLTY, NONCALC, FISS, V. MICRMIC, V. MICR CARB, WXY IN PT, FRM & COMPACT. ACC: FW MASS CALC, PYR, KAO, AMOR GLAUC.		
8195	8210	50	CLYST	BRN'SH GY, MNR GY, SBLPTY, MNR SBLKY, NONCALC, MICRMIC, MICR CARB, SLTY & DUSTY PYR SCOT, OCC W/ GLAUC GR INCL, SLTY IN PT. MOD FRM.	N.F	
		30	SH	SLDKGY, MNR GY, PLTY, MNR SBLPTY, FISS, NONCALC, V. MICRMIC, MICR CARB, SLKY IN PT, FRM & COMPACT.		
		10	SS.	SLGY SH WH, 100% VF-FGR, W. SRTD, SLTY & OCC KAO MTX, CALC, MOD HD, FRI IN PT, W/DK GR, MIC FLK INCL, OCC LOM COAL, SL DRTY, V.P VIS POR. SOME V. TARRY LAM. SS.		
		10	SD.	HYALWH, MNR MLKY WH QTZ, 40% F, 50% H, 10% C GRs, W-FA, SRTD, SBRND - SBRND, MOD CLEAN, FW LTEN & RD'SH GRs. ACC: FW MASS CALC, PYR, AMOR GLAUC.		
8210	8220	90	CLYST	BRN'SH GY, MNR GY, SBLKY MNR SBLPTY, SOME AS ABOVE.	N.F	
		10	SS	SLGY SH WH, 100% VF-FGR, W. SRTD, SLTY MTX, CALC, MOD HD, W/DK GR & MIC INCL, SLTY-SS, SL DRTY, V.P VIS POR.		
		10	SH	SLGY, MNR DKGy, PLTY, FISS, NONCALC, V. MICRMIC, MICR CARB, SLKY IN PT, FRM & COMPACT.		
		10	SLTST	GY, SBLKY CALC, MICRMIC, OCC LOM COAL INCL, MOD FRM ACC: FW MASS CALC, PYR.		

WELL: 1016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8160	8170	70	SD	ACC. FW MASS PY, CALC, TR DMOR GLAUC & KAO MASS.	5%	a/a.
				HYALWH & MNR HLKYWH QTZ, 80% F, 40% H, 20% C, 10% VC, V.OCC GRNL GRS, SBAND, FR SRTD, HCKLY IN PT, FW SHORE, GN & Rd'SH GRS.		
		10	SS	HYALWH & MNR WH, 100% YF FGR, W SRTD, NIL MTX, OCC KAO NTX, CALC, FR IN PT, V.OCC MOD H.D. W/DKGR, CLEAN; FR-P VIS POR.		
8170	8175	20	CLYST	-SHLY CLYST, GY, MNR SLDE GY, SBPLTY, MNR SBELKY, MICRMIC, MICCARB, DUSTY PYR SCOT, FRM.	N.F	
				ACC: FW MASS CALC & KAO.		
		60	SD	HYALWH, MNR HLKYWH QTZ, 40% F, 50% H, 10% VC-CGR, N.F SBAND-SBAND, W-FR SRTD, HCKLY IN PT, FW SHOR, GN & Rd'SH GRS.		
8175	8180	30	CLYST	GY, MNR BRN'SH GY, SBPLTY SBELKY MICRMIC, MICCARB, NONCALC, SLTY, OCC GLAUC GR INCL, FRM.	N.F	
		10	SH	SLDKGY, PLTY-LAM, FISS, V MICRMIC, MICCARB, NONCALC, WXY IN PT, FRM & COMPACT.		
				ACC: FW MASS CALC, DOL & PYR, TR DMOR GLAUC.		
8175	8180	50	CLYST	GY, MNR BRN'SH GY, SBPLTY, SBELKY, NONCALC, MICRMIC, MICCARB, OCC GLAUC GR INCL, SLTY IN PT, MOD FRM.	N.F	
		10	SH	SLDKGY, MNR GY, PLTY-TO LAM, FISS, NONCALC, V MICRMIC, SL MICCARB, WXY IN PT, FRM & COMPACT.		
		40	SD	HYALWH, MNR HLKYWH QTZ, 20% F, 60% H, 20% C-VC GRS, FR-W SRTD, MOD CLEAN, HCKLY IN PT, SBAND, MNR SBAND, FW LTGN/Rd'SH GRS.		
8180	8185			ACC: FW MASS CALC & KAO.	N.F	
		60	SD	HYALWH, MNR HLKYWH QTZ, 20% F, 50% H, 20% C, 10% VC GRS, FR SRTD, HCKLY IN PT, SBAND, MNR SBAND, MOD CLEAN, FW LTGN, DKGY & Rd'SH GRS.		
		30	CLYST	GY, MNR BRN'SH GY, SBELKY, MNR SBPLTY, NONCALC, V MICRMIC, MICCARB, OCC LOM COM INCL, SLTY, FRM.		
8180	8185	10	SH	SLDKGY, MNR GY, SBPLTY, MNR PLTY, NONCALC, FISS, V MICRMIC, SL MICCARB, WXY IN PT, SLTY IN PT, FRM & COMPACT.	N.F	
				ACC: FW MASS CALC, PYR, DMOR GLAUC.		

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8130	8140	50	SD.	HYALWH MNR MLKY WH QTZ, 20/F, 60/M, 20/VC-CGRS SBANG-SBRND, FR-W, SRTD, FW HCKY, MOD CLEAN, SOME GN & RD'SH GRS.	5	Yellowish WH, L BRI FL. NO CUT. V SLOW & WK CUT ON CRUSHED SPL. PRES RING.
		30	CLYST	SHLY CLYST, Gy, MNR SL DKGy, SBPLY, SBELKY, NON CALC, MICRMIC, X MICL CARB, DUSTY PYR SCAT, SITY, MOD FRM		
		20	SS	SL Gy SHWH, 40/VF-F, 50/F-M GRS, W SRTD, SBANG-SR RND, V SL SITY LTX, CALC, W/DK GR & OCL GN GRS INCL. MOD HD, FR IN PT, P. VIS POR. ACC: FW MASS CAL & DOL.		
8140	8145	60	CLYST	Gy, MNR SL DKGy, SBPLY, MNR SBELKY, NON CALC, MNR MIC, MICR CARB, OCL DUSTY PYR SCAT, MOD FRM.	N.F	
		20	SH	SL DKGy, MNR Gy, PLY, FISS, NON CALC, V. MICRMIC, OCL CARB OCL INCL. FRM & COMPACT.		
		10	SS	SL Gy SHWH, SAME AS ABOVE.		
		10	SIST	Gy, SBELKY, CALC, W/MIC. CARB & DK, GN MINS INCL, FRM. ACC: FW MASS CALC & DOL.		
8145	8150	60	SD.	HYALWH, MNR MLKY WH QTZ, 50/VF-F, 40/F-M, 10/M-C OCC VC GRS, W-FR SRTD, SBANG-SBRND, MOD CLEAN, HCKLY IN PT, SOME GN DKGy & RD'SH GRS.	5	Yellowish WH, SL BRI FL. NO CUT. V. SLOW & WK CUT ON CRUSHED SPL. PRES RING.
		40	CLYST	SHLY CLYST, Gy, MNR SL DKGy, SBPLY, MNR SBELKY, NON CALC, MICR MIC, MICR CARB, OCL GLAUC GR INCL, FRM. ACC: FW MASS CALC & DOL.		
8150	8155	50	CLYST	SHLY CLYST Gy, MNR SL DKGy, SBPLY, MNR SBELKY, NON CALC, MICRMIC, MICR CARB, DUSTY PYR SCAT, FRM.	5	a/c.
		40	SD	HYALWH & MNR MLKY WH QTZ, 40/F, 40/M, 20/C GRS W-FR SRTD, SBRND-SBANG, CLEAN, HCKLY IN PT, SOME GN & RD'SH GRS.		
		10	SS	HYALWH & MNR WH, 100/VF-F GR, W SRTD, KAO HTX IN PT, OCC NILMTX, CALC, W/DK GR & OCL MIC INCL, SITY-SS, P. FR VIS POR. ACC: FW MASS CALC & DOL.		
8155	8160	50	SD.	HYALWH, MNR MLKY WH QTZ, 30/F, 40/M, 20/VC-CGRS. W-FR SRTD, SBRND, MNR SBANG, HCKLY, FW SITY/PYR INCL SOME, GN, SMOKE, RD'SH GRS.	5	Yellowish WH SL BR FL. NO CUT. V SLOW & WK CUT ON CRUSHED SPL. PRES RING.
		40	CLYST	SHLY CLYST, Gy, MNR SL DKGy, V OCL BEN'SHGY, SAME AS ABOVE		
		10	SS.	HYALWH & MNR WH, 100/VF-F GR, V W SRTD, NILMTX, V OCL KAO HTX, CALC, MOD FRM, W/DK GR & OCL MIC FLKS INCL, P. FR VIS POR.		

Logger: T. HORDLES-PACON

Date: MAY 16, 1995

WELL: 1016-20.

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8080	8090	60	CLYST	-SHLY CLYST, GY, MNR BRN'SH GY SEPLTY, SEBLKY, NON CALC, MICRMIC, MICR CORB, OCC GLAUC GR INCL, SLTY, MOD FRM.	5%	a/a.
		30	SD.	HYALWH, MNR MLKY WH, 20% F, 50% M, 30% C GRS, W. SRTD, SBAND, MNR SBANG, CLEAN, V. OCC HCKLY, FWGN & RD'SH GRS.		
		10	SS	GY & SL WH'SH GY, 100% VF F GR, W. SRTD, SBAND-SBANG, OCC KAO MTK, CALC, W/DK GR & MIC, MOD FRI, P.VIS POR. ACC: FW MASS CALC & PYR.		
8090	8100	80	CLYST	-SHLY CLYST, GY, MNR BRN'SH GY, SEPLTY, SEBLKY, NON CALC, MICRMIC, MICR CORB, OCC GLAUC GR INCL, SLTY, MOD FRM.	N.F	
		20	SD.	HYALWH, MNR MLKY WH QTZ, 20% F, 80% M GRS, W. SRTD, SBAND, MNR SBANG, CLEAN, FWGN & RD'SH GR. ACC: FW MASS CALC & PYR.		
8100	8105	70	CLYST	-SHLY CLYST, GY, MNR BRN'SH GY, SAME AS ABOVE.	N.F	
		30	SD.	HYALWH, MNR MLKY WH QTZ, 100% M GR, W. SRTD, SBAND, MNR SBANG, MOD CLEAN, FWGN GRS. ACC: SAME AS ABOVE.		
8105	8110	90	CLYST	-SHLY CLYST, GY, MNR BRN'SH GY, SEPLTY, MNR SEBLKY, NON CALC, MICRMIC, MICR CORB, SLTY, OCC GLAUC GR INCL, MOD FRM.	N.F	
		10	SD	HYALWH, MNR MLKY WH ST, MOSTLY M GR, SAME AS ABOVE. ACC: FW MASS CALC & PYR.		
8110	8120	90	CLYST	-SHLY CLYST, GY & MNR BRN'SH GY, SEPLTY, MNR SEBLKY, NON CALC, MICRMIC, MICR CORB, SLTY, OCC LAM COOL INCL, MOD FRM.	N.F	
		10	SS.	SLWH'SH GY, 100% VF GR, W. SRTD, SLTY MTK, CALC, W/MIC, DK GR INCL, MOD HD, V. P.VIS POR. ACC: FW MASS CALC & SOL.		
8120	8130	50	CLYST	-SHLY CLYST, GY, SL DK GY, SEPLTY, MNR SEBLKY, NON CALC V. MICRMIC, MICR CORB, SLTY, WXY IN PT. FRM.	N.F	
		30	SD.	HYALWH, MNR MLKY WH ST, 60% F, 30% M, 10% C GR, W. SRTD, SBANG-SBAND, FW DK GR GRS.		
		20	SS.	HYAL & SLG'SHWH, 10% VF, 90% F, OCC M GRS, W. SRTD, SLSTY MTK, CALC, MOD HD, TRINPT, W/ MIC & DK GR INCL, OCC GN GR INCL. P.VIS POR. ACC: FW MASS CALC & PYR.		

WELL:.....LO16-20..... AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8035	8040	70	CLYST	-SHLY CLYST, SL DK GY, MNR BRN' SH GY, SEPLTY, SEBLKY, NON CALC, MICRM' C, MCCR CARB, SLTY IN PT, FRM.	5%	YEN' SH WH & BR' FL. NO CUT
		20	SS.	SL GY' SH WH, 80% VF-F, 20% F-MGR, W. SRTD, SEANG, SLTY MTX, CALC, MOD HD, W/MIC & DK GR INCL, SLTY SS IN PT, DRTY, P. VIS POR.		SLOWLY WK CUT ON CRUSHED SPL. PRES RING.
		10	SD	HYAL WH & MNR MLKY WH QTZ, SOME AS ABOVE.		
				ACC: FW MASS CALC & PYR.		
8040	8050	80	CLYST	-SHLY CLYST, SAME AS ABOVE.	N.F	
		20	SS.	GY & SL WH' SH GY, 100% VF-F GR, W. SRTD, AEDT SLTY MTX, OCL KDD MTX, CALC, MOD HD TO HD, W/MIC, DK GR & COAL INCL, OCL PYR IN PT, V. DRTY, SLTY-SS, V.P. VIS POR.		
				ACC: FW MASS PYR & CALC.		
8050	8060	70	CLYST	-SHLY CLYST, GY & MNR BRN' SH GY, SEPLTY, MNR SEBLKY, NON CALC, MICRM' C, MCCR CARB, SLTY IN PT, FRM.	N.F	
		30	SS.	GY & SL WH' SH GY, 100% VF-F GR, W. SRTD, AEDT SLTY MTX, OCL KDD MTX, MOD HD, V. OCL FRM IN PT, W/MIC, COAL LAM, DK GR, OCL PY. SS IN PT, SOME GRAD TO SLTY V.P. VIS POR.		
				ACC: A/D.		
8060	8070	80	CLYST	-SHLY CLYST, GY, MNR BRN' SH GY, SEPLTY, MNR SEBLKY, NON CALC, MICRM' C, MCCR CARB, SLTY IN PT, FRM.	N.F	
		20	SS.	GY, SL WH' SH GY, SAME AS ABOVE.		
				ACC: FW MASS PYR & CALC.		
8070	8075	60	CLYST	-SHLY CLYST GY, MNR BRN' SH GY, SAME AS ABOVE.	N.F	
		30	SS.	GY, MNR WH. SL GY' SH, 100% VF-F GR, W. SRTD, SLTY MTX, OCL KDD MTX, MOD FRM IN PT, W/MIC, COAL, DK GR INCL, OCL PYR-SS IN PT, P. VIS POR.		
		10	SD	HYAL WH, MNR MLKY WH QTZ, MOSTLY F & H GRs, W. SRTD, MOD CLEAN, SEANG, MNR SEANG, TW BK, GN & RD' SH GRs.		
				ACC: FW MASS CALC.		
8075	8080	50	SD.	HYAL WH, MNR MLKY WH QTZ, 10% F, 50% H, 20% C, 10% VC GRs, W. SRTD, SEANG > SEANG, CLEAN, V. OCL HCLLY, FW GN, SHORE & RD' SH GR.	5	YEN' SH WH, SL BR' FL. NO CUT.
		30	CLYST	-SHLY CLYST, GY, MNR BRN' SH GY, SEPLTY, SEBLKY, NON CALC, MICRM' C, MCCR CARB, SLTY, MOD FRM.		SLOWLY WK MLKY WH CUT ON CRUSHED SPL.
		20	SS.	WH, MNR HYAL WH, 70% F, 30% H GR, W. SRTD, SEANG, NIL MTX, OCL KDD MTX, CALC, W/OCC DK & RD' SH GN GR INCL, MOD HD, CLEAN, P. VIS POR.		P. LES RING.
				ACC: FW MASS CALC, PYR, DOL.		

WELL: L016-20.

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
8000	8005	70	CLST	SHLY CLYST. GY, MNR DRN SH GY, SEBLKY MNR SE PLTY, NON COLC, MICRMIC, MICR CARB, OCC DUST-IPYR, SLTY IN PT. FRM.	N.F	
		20	SS	SL GY'SHWH, 100/VF-FGR, SLTY & KAO MTX. COLC, W. SRTD MOD HD, W/DK GR & MIC FLKS INCL, SLTY-SS IN PT, SL DRTY. P-V.P VIS POR.		
		10	SD	HYALWH, MNR MLKYWH QTZ, 40/F, 60/M, W SRTD, SEAND SEONG, FW GN & Kd'SH GRS, ACC: FW MOSS COLC & DOL.		
8005	8010	60	CLYST	SHLY CLYST, SAME AS ABOVE	5%	a/a.
		20	SD	HYALWH & MNR MLKYWH, 30/F, 60/M, 10/C, W FR SRTD SEAND-SEANG, MOD CLEAN, FW GN & Kd'SH GRS.		
		20	SS	SL GY'SHWH, 100/VF-FGR, SLTY & KAO MTX, W. SRTD, COLC, MOD HD, FR IN PT, W/MIC, DK GR INCL, SL DRTY, V.P VIS POR. ACC: FW MOSS COLC.		
8010	8015	70	CLYST	SHLY CLYST, GY & MNR SLDK GY, OCC DRN SH GY, SEPLTY, MNR SEBLKY, NON COLC, MICR MIC, MICR CARB, OCC GLAUC GR INCL, MOD FRM.	N.F	
		30	SS	SL GY'SHWH, 100/VF-FGR, SLTY MTX, COLC, MOD HD, W/MIC, DK GR INCL, DRTY V.P VIS POR. ACC: FW MOSS COLC & PYR.		
8015	8020	60	CLYST	SHLY CLYST, GY & MNR SLDK GY, OCC DRN SH GY, SEPLTY, MNR SEBLKY, NON COLC, MICRMIC, MICR CARB, OCC GLAUC GR INCL, MOD FRM.	N.F	
		40	SS	SL GY'SHWH, & GY, 100/VF-FGR, W. SRTD, SLTY MTX, COLC, MOD HD, W/DK GR & MIC ELKS INCL, SL DRTY, V.P VIS POR. ACC: FW MOSS COLC, DOL & PYR.		
8020	8030	40	SD	HYALWH, MNR MLKYWH QTZ 10/F, 50/M, 30/C, 10/V. FR-W. SRTD, SEAND, MNR SEANG, FW DKEY, SHOKY & GN GRS	15%	YELL'SHWH SL BEI FL. NO CUT. SL FAST & STANG MLKYWH CUT ON CRUSHED SPL. PREP RING.
		40	CLYST	SHLY CLYST SAME AS ABOVE.		
		20	SS	SL GY'SHWH & WH, 100/VF-FGR, W. SRTD, SLTY & OCC KAO MTX, COLC, MOD HD, W/DK GR & MIC INCL, P. VIS POR. ACC: FW MOSS PYR & DOL.		
8030	8035	60	CLYST	SHLY CLYST, GY & MNR SLDK GY, SEPLTY, MNR SEBLKY, NON COLC, MICRMIC, MICR CARB, MOD FRM.	5%	a/a.
		20	SS	SL GY'SHWH & WH, SOME AS ABOVE.		
		20	SD	HYALWH, MNR MLKYWH QTZ, 30/F, 50/M, 20/C, FR-SRTD, SEAND, MNR SEANG, FW GN, SHOKY GRS. ACC: a/a.		

Logger: T. MORALES-RODRI'G

Date: MAY 14th 1995

WELL: LO 16-20. AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7970	7980	50	SS	WH, MNR SLGY'SH WH, 10% VF, 70% F, 20% MGRS, W. SRTD, SBANG, MNR SBEND, NIL MTX & OCC KAO MTX, CALC, FRI TO MOD HD IN PT, W/ DK GR, V OCC GN GR & MIC FLKS (HUS) INCL, SL CLEAN, P-FR VIS POR.	15%	YELL'SH WH, SL BRI FL, NO CUT, FAST & STRONG MLKYWH CUT ON CRUSHED SPL, FR. RES RING.
		40	CLYST	-SHLY CLYST, GY & MNR SL DKGY, SBPLTY, MNR SBELKY, NON CALC, MICRMIC, & MIC CARB, SLTY IN PT, MOD FRM.		
		10	SD	HYALWH, MNR MLKYWH QTZ, 40% F, 50% M, 10% C GRS, W-FR SRTD, SBEND, MNR SBANG, MOD CLEAN, SOME QTZ SL HCKLY FW GN, SL DKGY & GN GRS. ACC: FW MASS CALC, PYR, AMOR GLAUC.		
7980	7990	40	SD	HYALWH & MNR MLKYWH QTZ, 30% F, 50% M, 20% C, OCC VC GRS, FR SRTD, SBEND, MNR SBANG, FW HCKLY, SOME GN, DKGY & RD'SH GRS.	5%	a/a.
		30	SS	WH, MNR SLGY'SH WH, 80% VF-F, 20% F-M GR, W. SRTD, SBANG, MOSTLY KAO MTX, CALC, FRI TO MOD HD IN PT, W/MIC, DK & OCC GN GRS, INCL, CLEAN, SOME PYR-SS IN PT, P-FR VIS POR.		
		30	CLYST	-SHLY CLYST, GY & MNR SL DKGY, SBPLTY, MNR SBELKY, NON CALC, V MICRMIC, MIC CARB, SL FISS IN PT, SLTY MOD FRM. ACC: FW MASS CALC, PYR & KAO.		
7990	7995	50	CLYST	-SHLY CLYST, GY & MNR SL DKGY, SOME AS ABOVE.	5%	PALE YELL'SH WH, FL NO CUT, SLOW & WEAK MLKYWH CUT ON CRUSHED SPL, P. RES RING.
		30	SS	WH, MNR SLGY'SH WH, 90% VF-F, 10% F-M GR, W. SRTD, SBANG, V. MNR SBEND, KAO MTX, OCC NIL MTX, CALC, FRI TO MOD HD IN PT, W/ DK GR, OCC MIC FLKS INCL, FW PYR-SS, P-FR VIS POR.		
		20	SD	HYALWH & MNR MLKYWH QTZ, 20% F, 50% M, 30% C, OCC VC GRS, FR SRTD, SBEND, SOME HCKLY, MOD CLEAN, FW GN FRD'SH GRS. ACC: FW MASS CALC & PYR.		
7995	8000	60	CLYST	-SHLY CLYST, GY & MNR SL DKGY, SBPLTY, MNR SBELKY, NON CALC, V. MICRMIC, MIC CARB, SL FISS IN PT, SLTY MOD FRM.	5%	a/a.
		20	SD	HYALWH, MNR MLKYWH QTZ, 20% F, 60% M, 20% C GRS, FR-W. SRTD, SBEND, MNR SBANG, SOME GN, DKGY & RD'SH GRS.		
		20	SS	WH, MNR SLGY'SH WH, 100% VF-F GR, W. SRTD, KAO MTX, CALC, MOD HD, W/ DK GR, OCC MIC INCL, SL DIRTY, P. VIS POR. ACC: FW MASS CALC & PYR.		

WELL: L016-20

AREA: LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7940	7950	10	SS.	SLGY'SHWH, 100% VF-FGR, W.SRTD, SLTY HTX, CALC, MOD HD, FRI IN PT, W/MIC, COBL, OCC DLK & GN GRS INCL, SLTY-SS, SL DRTY, P.VIS POR. ACC: FW MASS CALC & PYR.		
		80	CLYST	-SHLY CLYST, DKGY & BRN'SHGY, SEPLTY, MNR SEBLKY, V.MICROMIC, MICR CORE, NON CALC, OCC DUSTY PYR SCST, SLTY IN PT, FRM.	N.F	
		10	SS	SLGY'SHWH & GY, 100% VF-FGR, SAME AS ABOVE.		
7950	7955	10	SLTST	GY, SEBLKY, CALC, W/MIC, COBL & FW GN HINS INCL, MOD FRM. ACC: FW MASS CALC, PY & TR AMOR GLAUC.		
		70	CLYST	-SHLY CLYST, SL DKGY & MNR BRN'SHGY, SEPLTY, MNR SEBLKY, NON CALC, MICR MIC, MICR CORE, NON CALC, SLTY IN PT, MOD FRM.	N.F	
		20	SD.	HYDLWH, MNR HLKYWH BTZ, 70% F, 30% M GRS, W.SRTD, SE RND, MNR SBANG, MOD CLEAN, SOME DK, GN & RD'SH GRS.		
		10	SS	SLGY'SHWH & WH, 100% VF-FGR, W.SRTD, SLTY & OCC KAO MTK, CALC, MOD HD, FRI IN PT, W/ DKGR, MIC(MUSC) INCL, P.VIS POR. ACC: FW MASS CALC & DOL.		
7955	7960	60	CLYST	-SHLY CLYST, GY, MNR BRN'SHGY, SAME AS ABOVE	N.F	
		30	SS	WH & SLGY'SHWH, 100% FGR, W.SRTD, SL SLTY HTX, OCC KAO MTK, CALC, MOD HD, FRI IN PT, W/MIC & DKGR INCL, P-FR VIS POR.		
		10	SD.	HYDLWH, MNR HLKYWH BTZ, 60% F, 40% M GRS, W.SRTD, SE RND-SBANG, MOD CLEAN, SOME GN & RD'SH GRS. ACC: FW MASS CALC & PYR.		
7960	7970	50	SS	WH, MNR SLGY'SHWH, 30% VF, 60% F, 10% M GRS, W.SRTD, SBANG MNR SE RND, KAO MTK, NIL MTK IN PT, CALC, FRI TO MOD HD IN PT, W/DKGR, V.OCC GN GRS INCL, OCC MIC(MUSC), CLEAN IN PT, P-FR VIS POR.	15%	YELL'SHWH, BRI FL. NO CUT. SL FAST & STRNG MUKYWH CUT ON CRUSHED SPL. FR. RES RING.
		30	CLYST	-SHLY CLYST, SL DKGY, MNR BRN'SHGY, SEPLTY, MNR SEBLKY, NON CALC, MICR MIC, MICR CORE, NON CALC, SLTY IN PT, MOD FRM.		
		20	SD.	HYDLWH & MNR HLKYWH BTZ, 50% F, 30% M, 20% C GRS, W-FR SRTD, SE RND, MNR SBANG, FW GN, DKGY & RD'SH GRS ACC: FW MASS CALC, TR AMOR GLAUC. KAO MASS. V.SFT.		

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7900	7910	10	SLTST	Gy, SEBELKY, CALC, W/MIC, COAL & GN MINT INCL, OCC DUSTY PYR SCAT, FRM. ACC: FW MASS CALC, DOL & PYR.		
		80	CLYST	BRN'SH Gy, MNR Gy, SEBELKY, SEPLTY, NON CALC, MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, MOD FRM TO FRM.	N.F.	
		10	SS.	SL WH'SH Gy, 100% VF GR, W. SRTD, SLTY MTK, CALC, MOD HD, W/MIC, COAL INCL, OCC DK & GN GRs, SLTY-LS, DRTY, V.P VIS POR.		
7910	7920.	10	SLTST	Gy, SEBELKY, MICR CARB, MICR MIC, CALC, OCC GRAD TO VF. SS, FRM. ACC: FW PYR, DOL & MASS CALC.		
		70	CLYST	BRN'SH Gy & Gy, MNR SL DK Gy, SEPLTY, SEBELKY, NON CALC, MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, MOD FRM.	N.F.	
		20	SS.	SL Gy'SH WH & MNR Gy, 100% VF-FGR, W. SRTD, SL SLTY MTK, CALC, MOD HD TO HD IN PT, W/MIC, COAL, DK & GN GRs INCL, SL DRTY, D. VIS POR.		
7920	7930.	10	SD	HYOLWH, MNR HLKY WH STZ. 10% F, 30% F, 60% M GRs, SBRND. SBANG, W. SRTD, MOD CLEAN, SOME SL DK Gy, GN & RD'SH GRs. ACC: FW MASS CALC & PYR, AMOR GLOUC.		
		60	CLYST	BRN'SH Gy & Gy, SOME AS ABOVE	S	WH'SH YELLOW
		30	SD.	HYOLWH & MNR HLKYWH STZ, 30% F, 60% M, 10% GRs SBRND, MNR SBANG, W. SRTD, MOD CLEAN, SOME DK, GN & RD'SH GRs.		SLBRI FL.
7930	7940.	10	SS.	SL Gy'SH WH & MNR Gy, 100% VF-FGR, W. SRTD, SLTY MTK, CALC, MOD HD. TO HD IN PT, W/MIC, COAL, DK & GN GRs INCL, SL DRTY D. VIS POR. ACC: FW MASS CALC & PYR, AMOR GLOUC.		NOCUT.
		70	CLYST	BRN'SH Gy & Gy, MNR SL DK Gy, SEPLTY, MNR SEBELKY, NON CALC, V. MICR MIC, MICR CARB, SLTY IN PT, MOD FRM.		V. SLOW & WENK
		20	SD	HYOLWH & MNR HLKYWH STZ, 20% F, 80% M GRs, SBRND, MNR SBANG, W. SRTD, MOD CLEAN, SOME DK, GN & RD'SH GRs.		CUT. ON CROSHES SPL.

Logger: T. MORALES - PAETAN

Date: MAY 14TH 1995.

WELL: L016-20 AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7860	7865	60	CLYST	BRN'SH Gy, MNR Gy, SBELKY - SEPLTY, NON CALC, MICR MIC, MICR COAR, OCC DUSTY PYR SCAT, MOD FRM.	N.F	
		30	SS	WH SLGY'SH, MNR WH'SH Gy, 100% VF GR, OCC FGR, V.W. SRTD, OCC KAO & SLTY HTX, CALC, MOD HD, V. OCC FRI IN PT, W/MIC, DK & OCC GN GR INCL, SLTY-SS, DRTY IN PT, P VIS POR.		
		10	SD	HYALWH MNR MLKY WH QTZ, 30% VF, 60% F, 10% MGR, W. SRTD, SBANG - SBAND, MOD CLEAN, OCC GN & DK GR GRS. ACC: FW MASS PYR & CALC.		
7865	7870	70	CLYST	BRN'SH Gy, MNR Gy, SAME AS ABOVE	N.F	
		20	SS	SLGY'SH WH, MNR WH, 100% VF GR, NIL HTX, OCC SLTY & KAO HTX, CALC, V. CALC, W/MIC, DK & GN GR INCL, SLTY-SS, DRTY, V.P VIS POR.		
		10	SD	HYALWH, MNR MLKY WH QTZ, 100% VF - F GR, W SRTD, SBAND - SBANG, MOD CLEAN, OCC GN & Rd'SH GRS. ACC: FW MASS CALC & PYR.		
7870	7880	80	CLYST	BRN'SH Gy, MNR Gy, SBELKY - SEPLTY, NON CALC, MICR MIC, MICR COAR, OCC DUSTY PYR SCAT, MOD FRM.	N.F	
		10	SS	SLGY'SH WH, MNR WH, 100% VF GR, SLTY & OCC KAO HTX, CALC, V. CALC, W/MIC, DK & GN GR INCL, SLTY-SS, DRTY, V.P VIS POR.		
		10	SLTST	Gy, SBELKY, CALC, W/MIC COAL, DK & GN HTX INCL ACC: FW MASS CALC & DOL.		
7880	7890	60	CLYST	BRN'SH Gy, MNR Gy, SBELKY - SEPLTY, NON CALC, MICR MIC, MICR COAR, OCC DUSTY PYR SCAT, MOD FRM.	5	WH'SH Yell, SLGR FL. NO CUT
		20	SS	SLGY'SH WH & MNR WH, 100% VF - F GR, W SRTD, SLTY, OCC KAO HTX, CALC, MOD HD, W/MIC, COAL, DK & GN GR INCL, SLTY-SS, DRTY IN PT, OCC SS - PY IN PT, P-Y VIS POR.		HOWE WEAK CUT ON CRUSHED SPL. PRES RING.
		10	SD	HYALWH & MNR MLKY WH QTZ, MOSTLY F-H GR, W SRTD, SBAND, MOD CLEAN, FW GN & Rd'SH GRS.		
		10	SLTST	Gy, SAME AS ABOVE. ACC: FW MASS CALC & PYR MASS.		
7890	7900	70	CLYST	BRN'SH Gy, MNR Gy, SAME AS ABOVE	N.F	
		10	SD	HYALWH & MNR MLKY WH QTZ, 30% F, 40% M, 30% C GR, W-FR SRTD, SBAND, MNR SBANG, MOD CLEAN, FW SMOKE, GN & Rd'SH GR.		
		10	SS	SLGY'SH WH & MNR WH, 100% VF - F GR, W SRTD, SLTY HTX, CALC, MOD HD, W/MIC, COAL, DK & GN GR INCL, DRTY, OCC PYR-SS, P-Y VIS POR.		

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7800	7820			MTX, SLT CALC, MOD HD, FRI IN PT, W/MIC, DK & GN GR INCL, SLTY SS, VP VIS POR.		
		10	SETST	6y. SBLKY, CALC, W/MIC, LOCAL GNMINS INCL, FW GRAD TO SLTY-SS, FRM.		
				ACC: FW MASS CALC & DOL.		
		70	CLYST	6y. & MNR BRN'SH 6y. SEPLTY, SBLKY, NON CALC, V. MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY, FRM.	N.F	
7820	7840	10	SH	SL DK 6y & 6y, PLY - SEPLTY, NON CALC, FISS, V. MICR MIC, MICR CARB, WXY IN PT, FRM & COMPACT		
		10	SS	SLG'SHWH, 100% VF GR, W. SRTD, SLTY, CALC, FRI IN PT, MOD HD, W/MIC, FW GN & DK GR INCL, SLTY-SS, SL DRTY, VP VIS POR.		
		10	SETST	6y. SOME DS ABOVE.		
				ACC: FW MASS CALC & DOL.		
7840	7850	80	CLYST	BRN'SH 6y, MNR 6y, SBLKY, MNR SEPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, FRM.	N.F	
		10	SETST	6y, SBLKY, CALC, W/MIC, LOCAL GNMINS INCL, FW GRAD TO SLTY-SS, FRM.		
		10	SS	SLG'SHWH, 100% VF GR, OCC FGR, W. SRTD, SLTY MTX, CALC, FRI IN PT, MOD HD, W/MIC, FW GN & DK GR INCL, SLTY-SS, DRTY IN PT, VP VIS POR.		
				ACC: FW MASS CALC, DOL & PYR.		
7850	7860	70	CLYST	BRN'SH 6y, MNR 6y, SBLKY, MNR SEPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, FRM.	N.F	
		20	SS	SLG'SHWH, 100% VF, OCC FGR, V. W. SRTD, SLTY MTX, CALC, MOD HD, FRI IN PT, W/MIC, DK & FW GN GR INCL, SLTY-SS, SL DRTY, VP VIS POR.		
		10	SETST	6y, SBLKY, CALC, MICR MIC, MICR CARB, OCC DK & GNMINS INCL, MOD FRM.		
				ACC: FW MASS CALC & DOL, PYR.		
7850	7860	70	CLYST	BRN'SH 6y, MNR 6y, SBLKY, MNR SEPLTY, NON CALC, V. MICR MIC, MICR CARB, DUSTY PYR SCAT, LAM COAL INCL, MOD FRM.	TR.	
		30	SS	SL WH'SH 6y, MNR SLG'SHWH, 100% VF GR, OCC FGR, V. W. SRTD, SLTY & OCC KAO MTX, CALC, MOD HD, V. OCC FRI, W/MIC, LAM COA & FW DK & GN GR INCL, SLTY-SS, DRTY, VP VIS POR.		
				ACC: FW MASS CALC, DOL & COAL.		

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7680	7720	80	CLYST	SLDKGY, HNR BRN'SHGY, SEPLTY, HNR SBELKY, NON CALC, MICRMIC, MICRCORB, SLTY IN PT, FRM.	N.F	
		10	SH	GY & SLDKGY, PLTY, OCC LOM, NON CALC, FISS, V. MICRMIC, MICRCORB, DUSTY PYR SCAT, WXY IN PT, FRM & COMPACT.		
		10	SLTST	GY, SBELKY, CALC, W/MIC, COAL & GN HINS INCL, OCC GRD TO VF. SS, FRM. ACC: FW MASS CALC, DOL & PYR.		
7720	7750	80	CLYST	SLDKGY, HNR BRN'SHGY, SEPLTY, HNR SBELKY, NON CALC, MICRMIC, MICRCORB, SLTY IN PT, OCC DUSTY PYR SCAT & LAM COAL INCL, FRM.	N.F	
		20	SH	GY & SLDKGY, PLTY, HNR LOM, NON CALC, FISS, V. MICRMIC, MICRCORB, DUSTY PYR SCAT, WXY IN PT, FRM & COMPACT. ACC: FW MASS CALC, DOL & PYR.		
7750	7780	80	CLYST	GY, HNR SLDKGY, OCC BRN'SHGY, SEPLTY, HNR SBELKY, NON CALC, MICRMIC, MICRCORB, OCC LAM COAL INCL & DUSTY PYR SCAT, FRM.	N.F	
		10	SH	SLDKGY, PLTY, HNR LOM, NON CALC, FISS, V. MICRMIC, MICRCORB, DUSTY PYR SCAT, WXY IN PT, FRM & COMPACT.		
		10	SLTST	GY, SBELKY, CALC, W/MIC, COAL & GN HINS INCL, OCC GRD TO VF. SS, FRM. ACC: FW MASS CALC, DOL.		
7780	7790	70	CLYST	GY, HNR SLDKGY, SOME AS ABOVE.	N.F	
		10	SH	SLDKGY, HNR BRN'SHGY, PLTY, NON CALC, FISS, V. MICRMIC, MICRCORB, DUSTY PYR SCAT, WXY IN PT, FRM & COMPACT.		
		10	SS	GY'SHWH, HNR WH, 100/VF-FGR, W. SRTD, SLTY & KAO NTX, SL CALC, MOD HD, FEIN PT, W/MIC, COAL & OCC DK & GN GES INCL, SLTY-SS, FW SLDRTY. P-V. V. VISPOR.		
		10	SLTST	GY, SOME AS ABOVE. ACC: FW MASS CALC & PYR.		
7790	7800	60	CLYST	GY, HNR SLDKGY, SEPLTY, SBELKY, NON CALC, V. MICRMIC, MICRCORB, DUSTY PYR SCAT, WXY IN PT, MOD FRM.	N.F	
		10	SH	SLDKGY, PLTY, NON CALC, FISS, V. MICRMIC, MICRCORB, WXY IN PT, FRM.		
		20	SS	GY'SHWH & HNR WH, 100/VF-FGR, W. SRTD, SLTY & KAO		

Logger: TITO MORALES-PAETON

Date: MAY 14TH 1995

WELL: L016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7650	7654	50	CLYST	SHLY CLYST, Gy, MNR SLDK Gy, SBPLY, MNR SBELKY, NON CALC, V. MICRMIC, SL MICR CORE, WXY IN PT, MOD FRM,	5%	a/a.
		30	SS	Gy'SH WH & MNR SL WH'SH Gy, 100% VF-F GR, W SRD, OCC KAO MTX, SL CALC - CALC, MOD FRI, OCC HD, W/MIC, DK & FW GN GRs INCL, SLTY-SS IN PT, P. VIS POR.		
		20	SD	HYALWH, MNR MLKY WH GR, 30% F, 50% M, 20% C, OCC V.C GR, W SRD, SBONG - SERND, MOD CLEBN, HCKLY IN PT, SOME SMOKE, DK Gy, GN & RD'SH GRs. ACC: FW MASS CALC & PYR.		
7654	7660	80	CLYST	SHLY CLYST, Gy, MNR SLDK Gy, SBPLY, MNR SBELKY, NON CALC, V. MICRMIC, MICR CORE, OCC LHM COBL INCL, WXY IN PT, MOD FRM.	MAY 12 th , 1995.	
		10	SS	Gy'SHWH & MNR SLWH'SH Gy, 100% VF-F GR, SLTY & OCC KAO MTX, CALC, MOD HD, W/MIC, COAL & DK GR INCL, SL DRTY, V.P VIS POR.	N.F	
		10	SD	HYALWH, MNR MLKYWH GR, SOME AS ABOVE. ACC: FW MASS CALC & PYR, DOL.		
7660	7670	80	CLYST	Gy, MNR BRN'SH Gy, SBPLY, SBELKY, NON CALC, MICRMIC, OCC MICR CORE, OCC LHM COBL INCL, MOD FRM.	N.F	
		10	SH	SLDK Gy, SBPLY, NON CALC, MICRMIC, OCC MICR CORE, WXY IN PT, SL FISS, FRM.		
		10	SS	SLWH'SH Gy, 100% VF GR, V.W SRD, SLTY MTX, SL CALC, W/MIC, COAL & FW GN GRs INCL, MOD FRI, SL DRTY, SLTY-SS, V.P VIS POR. ACC: FW MASS CALC, DOL & AMOR GLOUC.		
7670	7680	70	CLYST	Gy, MNR BRN'SH Gy, SOME AS ABOVE.	N.F	
		10	SH	SLDK Gy, MNR Gy, PLTY, NON CALC, V. MICRMIC, OCC LHM COAL INCL, SL FISS, FRM & COMPACT.		
		10	SS	SLGy'SH WH, 100% VF, V.W SRD, KAO MTX, SL CALC, W/MIC, DK & ENGRS INCL, MOD FRI, SLTY-SS, V.P VIS POR.		
		10	SLIST	Gy, SBELKY, CALC, W/MIC, COAL & GN MINS INCL, MOD FRM. ACC: FW MASS CALC, DOL & AMOR GLOUC.		

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7610	7620	20	SD	HYAL WH, HNR MLKYWH STR, 10% VF, 40% F, 50% M, OCC CERS, SE. RND - SBANG, W. SRTD, MOD CLEAN, FW DK, GN & Rd'SH GRS. ACC: FW MASS CALC & PYR.		
		50	SS	SLGY'SH WH & HNR WH, 80% VF-F, 20% F-M GR, W. SRTD, SERND HNR SBANG, OCC KAO MTX, CALC, MOD FRI IN PT, MOD HD, W/MIC, DK GR INCL, SLTY-SS IN PT, P VIS POR, SOME PYR SS & CREAM'SH WH SS GRAD TO CALCAREOUS SS.	5	a.k.
		40	CLYST	SHLYCLYST, SLDKGY & OCC DRN'SH GY, SEELKY-SBPLY, NON CALC, MICRMIC, MICRCORR, SLTY IN PT, FRM.		
7620	7630	10	SD	HYAL WH, HNR MLKY WH STR, 30% VF, 50% F, 20% M, OCC CERS, W. SRTD, SERND - SBANG, MOD CLEAN, FW DK, GN & Rd'SH GRS. ACC: FW MASS CALC & KAO.		
		70	CLYST	SHLY CLYST, GY & HNR SLDKGY, SBPLY, HNR SEELKY, NON CALC, V. MICRMIC, MICRCORR, OCC DUSTY PYR SCOT, SLTY IN PT, MOD FRM.	N.F	
		30	SS	SLGY'SH WH & HNR GY, 100% VF-F GR, W. SRTD, SBANG-SERND, SLTY & OCC KAO MTX, CALC, MOD HD, FRI IN PT, W/MIC, COOL & DK GR INCL, SLTY-SS, P.V.P VIS POR. ACC: FW MASS CALC & PYR.		
7630	7640	50	SS	SLGY'SH WH & HNR GY, 80% VF-F, 20% F-M GR, W. SRTD, SBANG-SERND, SETY & OCC KAO MTX, SL CALC, MOD HD, FRI IN PT, W/MIC FLKS (MUSH), DK GR INCL, OCC LAM COAL & Rd'SH GR, SLTY-SS IN PT, SL DRTY, VP-P VIS POR, SOME SS PYR IN PT.	5	WH'SH YELLOW, SLERI FL. NO CUT SLOW & WEAK CUT ON CRUSHED SPL. RETRING.
		50	CLYST	SHLY CLYST, SLDKGY & OCC ERN'SH GY, SEPLTY-SEELKY, NON CALC, V. MICRMIC, MICRCORR, OCC DUSTY PYR SCOT, SLTY IN PT, MOD FRM. ACC: FW MASS CALC & PYR.		
7640	7650	40	SD	HYAL WH, HNR MLKYWH STR, 10% F, 60% M, 30% C, OCC VC GRS, W-FR SRTD, SBANG, SERND, CLEAN, FW HCKLY, SOME DK, GN, Rd'SH & CHERT GRS.	15	PALE YELL'SH WH FL, NO CUT. SL FAST & STRONG CUT ON CRUSHED SPL. FR. GRS RING.
		30	SS	HYAL WH & WH, 70% VF-F, 30% F-M GRS, W. SRTD, SBANG-SERND, NIL MTX, OCC KAO MTX, FRI TO MOD HD, SL CALC, W/MIC & DK GR INCL, OCC PYR IN PT, P VIS POR, SOME GY SS. DRTY. V.P VIS POR.		
		30	CLYST	SHLY CLYST, SLDKGY & OCC ERN'SH GY, SEPLTY-SEELKY, NON CALC, V. MICRMIC, MICRCORR, WXY IN PT, SLTY, MOD FRM. ACC: FW MASS CALC & PYR.		

Logger: T. MORALES-BAETON

Date: MAY 12TH 1995

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7580	7590.	30	SD	HYALWH & MNR HLKYWH QTZ, 30% VF-F, 30% F-M, 40% M-C, OCC V.C GRS, W-FR. SRTD, SBANG, MNR SERND, MOD CLEAN, SOME HCKLY IN PT, FW QTZ W/CLYHAT ON SURF, OCC DK, GN & Rd'SH GRS I.		FAST & STRONG CUT ON CRUSHED SPL. GRS RES. RING.
		30	SS	HYALWH & WH, 20% VF, 70% F, 10% M GR. W. SRTD, SBANG, MNR SERND, OCC KAO MTX, MOSTLY NIL MTX, CALC, FRI, MOD HD IN PT, W/MIC FLX (MUSC) & DK GR INCL, OCC PYR INCL, FR-P VIS POR.		
		60	SD	HYALWH, MNR HLKYWH QTZ, 10% F, 40% M, 30% C, 20% VC, OCC GRNL GRS, FR SRTD, SBANG, MNR SERND, CLEAN IN PT, HCKLY, SOME QTZ W/ PYR INCL, FW DK, Rd'SH & GN, CHERT GRS, CONGLOMERATE SD IN PT.	30%	Yellowish WH, SL BRI TO BRI FL. NO CUT. FAST & STRONG CUT ON CRUSHED SPL. FR. RES. RING.
		20	SS	HYALWH & WH, 10% VF, 60% F, 30% M, OCC CGR, W-FR SRTD, SBANG, MNR SERND, OCC KAO MTX, NIL MTX, CALC, FRI MOD HD IN PT, W/ OCC MIC FLX (MUSC) & DK GR INCL, FR-P VIS POR.		
7590	7600	20	CLYST	SOME SS GRAD TO. CALCAREOUS SS. -SHLY CLYST, Gy, MNR SL DK Gy, OCC BRN SH Gy, SEPLTY, MNR SEBLKY, V MICR MIC, OCC MICR CARB, NON CALC, OCC WXY, SLTY IN PT, FRM.		
		40	SD	HYALWH, MNR HLKYWH QTZ, 20% F, 50% M, 20% C, 10% VC GRS, FR-W. SRTD, SBANG, MNR SERND, CLEAN IN PT, OCC HCKLY, SOME QTZ W/ PYR INCL, FW DK, GN & Rd'SH GRS, CHERT.	30%	Yellowish WH, SL BR FL NO CUT. FAST & STRONG CUT ON CRUSHED SPL. FR-G. RES RING.
		30	SS	HYALWH & WH, MNR SL Gy, SHWH, 20% VF-F, 80% F-M, OCC CGR, W. SRTD, SBANG, MNR SERND, KAO MTX IN PT, SL CALC, FRI, MOD HD IN PT, W/MIC, OCC DK GR, PYR INCL, FR-P VIS POR.		
		30	CLYST	-SHLY CLYST, Gy & MNR SL DK Gy, SOME DS ABOVE. ACC: FW MASS CALC & PYR, TR ANHY.		
7600	7610	50	CLYST	-SHLY CLYST, Gy & MNR SL DK Gy, SEPLTY, V. OCC SEBLKY NON CALC, MICR MIC, OCC V. MICR MIC, MICR CARB, WXY IN PT, OCC SLTY, MOD FRM.	5%	Yellowish WH, SL BR FL. NO CUT. SLOW & WEAK CUT ON CRUSHED SPL. P. RES RING.
		30	SS	SL Gy SHWH & WH, 80% VF-F, 20% F-M, OCC CGR, W. SRTD, SBANG, MNR SERND, SLTY & OCC KAO MTX, CALC, FRI MOD HD IN PT, W/MIC, OCC DK GR, PYR SCOT. INCL, FR-P VIS POR.		

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7510	7520	10	SLTST	Gy, SBELKY, CALC, W/MIC COAL, GN HINS INCL, GRAD TO VF SS IN PT, MOD FRM. ACC: FW MASS CALC. <u>BASAL-SALINA FM TOP @ 7510' MD, 6777 SS. S: 2706</u> W: 1081'		
		70	CLYST	-SHLY CLYST, Gy & MNR BRN'SH Gy, SBELKY, MNR SBELKY, NON CALC, V. MICRMIC, MICR CARB, OCC WXY IN PT, SLTY IN PT, MOD FRM.	N.F	
7520	7540	30	SS.	SLWH'SH Gy, MNR Gy, 100% VF GR, W SORTD, SLTY & OCC WHCLY MTK, CALC, MOD HD, FRM IN PT, W/ DK & FW GN GR INCL, OCC MIC & COAL INCL, SL DRTY, P.VP VIS POR. ACC: FW MASS CALC & DOL.		
		80	CLYST	-SHLY CLYST, Gy & MNR BRN'SH Gy, SBELKY SEPLTY, NON CALC, V. MICRMIC, MICR CARB, OCC WXY, SLTY IN PT, FRM TO MOD FRM.	N.F	
7540	7560	20	SS.	SLWH'SH Gy, OCC WH, 100% VF-F GR, W SORTD, SLTY & OCC WHCLY MTK, CALC, MOD HD, W/MIC FLKS (MODC), DK & FW GN GR INCL, SL DRTY, P-V.P. VIS POR. ACC: FW MASS CALC & DOL.		
		90	CLYST	-SHLY CLYST, SLDRG, & MNR BRN'SH Gy, SBELKY-SEPLTY, NON CALC, V. MICRMIC, MICR CARB, OCC WXY, FRM TO MOD FRM.	N.F	
7560	7570	10	SS.	SLWH'SH Gy, OCC WH, 100% VF-F GR, W SORTD, SLTY & OCC WHCLY MTK, CALC, MOD HD, W/MIC DK & GN GR INCL, SL DRTY, P-V.P. VIS POR. ACC: FW MASS CALC & AMOR GLAUC.		
		70	CLYST	-SHLY CLYST, Gy, MNR BRN'SH Gy, SEPLTY, MNR SBELKY, NON CALC, V. MICRMIC, MICR CARB, OCC WXY, FRM TO MOD FRM.	5	Yellish WH, SLBE FL NO CUT.
7570	7580	20	SS.	SLWH'SH Gy, MNR WH, 100% VF-F GR, W SORTD, SLTY & OCC WHCLY MTK, CALC, MOD HD, FRM IN PT, W/MIC DK & GN GR INCL, SL DRTY, P. VIS POR.		SLOW & WEAK CUT ON CRUSHE SPL.
		10	SD.	HYDWH, MNR MLKYWH, STZ, 30% VF, 70% F, OCC M GR, W SORTD, SBEND -SBANG, MOD CLEAN, FW GN GR & OCC RD'SH GR.		P. VIS RES. RING.
7570	7580			ACC: FW MASS CALC & AMOR GLAUC, MASS PYR.		
		40	CLYST	-SHLY CLYST, Gy, MNR CLDRG, OCC BRN'SH Gy, SEPLTY MNR SBELKY, NON CALC, V. MICRMIC, MICR CARB, OCC WXY, SLTY IN PT, MOD FRM.	30	WHISH Yellow, BRI TO SLBE FI NO CUT.

Logger: T. MORALES-PAETAN

Date: MAY 12TH 1995

WELL: L016-20

AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7420	7450	90	CLYST	-SHLY CLYST, BRN'SH GY, SEPLTY, HNR SEBLKY, V. MICR MIC, OCC MICR CORB, V. OCC DUSTY PYR SCOT, DITY IN PT, MOD FRM.	N.F	
		10	SLTST	GY, SEBLKY, SL CALC, MICR MIC, MICR CARB, OCC DK & GN HINS INCL, MOD FRM. ACC: FW MASS CALC.		
7450	7460	80	CLYST	-SHLY CLYST, BRN'SH GY, SEPLTY, HNR SEBLKY, NON CALC, V. MICR MIC, MICR CARB, SLTY IN PT, MOD FRM.	N.F	
		10	SS	WH'SH GY, HNR GY'SHWH, 100% VF GR, DEGRITX, SL CALC, MOD HD, FRI IN PT, W/DK & GN GR INCL, OCC MIC ELKS (HUSC) INCL, SLTY-SS, SL DITY, V.P VIS FOR.		
		10	SLTST	GY, SAME AS ABOVE. ACC: FW MASS CALC.		
7460	7470	80	CLYST	-SHLY CLYST, BRN'SH GY, SEPLTY, V. HNR SEBLKY, NON CALC, MICR MIC, MICR CARB, SLTY IN PT, MOD FRM.	N.F	
		20	SS	GY'SHWH & HNR WH, 100% VF GR, SLTY HTX IN PT, CALC, MOD HD, FRI IN PT, W/DK & GN GR INCL, OCC MIC, SLTY-SS, DITY, V.P VIS FOR. ACC: FW MASS CALC & MASS PYR.		
7470	7480.	80	CLYST	-SHLY CLYST, BRN'SH GY, HNR GY, SEPLTY, HNR SEBLKY, SAME AS ABOVE.	N.F	
		10	SS	GY'SHWH & HNR WH, 100% VF GR, SLTY HTX, CALC, MOD HD, FRI IN PT, W/DK & GN GR INCL, OCC MIC, SLTY-SS, V.P VIS FOR.		
		10	SLTST	GY, SEBLKY, SL CALC, W/MIC, COAL & GN HINS INCL, GRAD TO VF. SS IN PT, MOD FRM. ACC: FW MASS CALC.		
7480	7500	90	CLYST	-SHLY CLYST, GY, HNR BRN'SH GY, SEPLTY, HNR SEBLKY, V. MICR MIC, MICR CARB, SLTY IN PT, MOD FRM.	N.F	
		10	SS	GY'SHWH, 100% VF GR, SLTY HTX, CALC, MOD HD, FRI IN PT, OCC MIC (HUSC), W/DK GR INCL, SLTY-SS, V.P VIS FOR. ACC: FW MASS CALC.		
7500	7510	80	CLYST	-SHLY CLYST, GY, HNR BRN'SH GY, SEPLTY, HNR SEBLKY, V. MICR MIC, OCC MICR CARB, SLTY IN PT, OCC WAX, MOD FRM.	N.F	
		10	SS	GY'SHWH, 100% VF GR, SLTY HTX, CALC, MOD HD, FRI IN PT, W/DK GR INCL, OCC MIC (HUSC), SLTY-SS, V.P VIS FOR.		

Logger: T. MORALES-PAE TAN

Date: MAY 12th 1995

WELL: 1016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
7130	7180	80	CLYST	ACC: FW DOL, MASS CALC GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICR-CARB, SLTY IN PT, MED FRM-FRM	NF	
		20	SLTST	GY, SAME AS ABOVE		
7180	7240	90	CLYST	ACC: FW DOL, MASS CALC BNSH GY OCC BN, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, V OCC SLTY, MED FRM OCC FRM	NF	
		10	SLTST	GY, SBBLKY, NON CALC, OCC MIC, MED FRM		
7240	7290	90	CLYST	ACC: FW MASS CALC SHLY CLYST, BNSH GY, BN, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, V MNR MICRCARB, V OCC SLTY, MED FRM-FRM	NF	
		10	SLTST	GY, SBBLKY-BLKY, NON CALC, OCC MIC, MED FRM		
7290	7350	90	CLYST	ACC: FW MASS CALC SHLY CLYST, BNSH GY, BN, SBPLTY-SBBLKY, MNR BLKY, NON CALC, V MICRMIC, MNR MICRCARB, V OCC SLTY, MED FRM OCC FRM	NF	
		10	SLTST	GY, SAME AS ABOVE		
7350	7390	90	CLYST	ACC: FW MASS CALC SHLY CLYST, BNSH GY, SBPLTY-SBBLKY MNR BLKY, NON CALC, V MICRMIC, MNR MICRCARB, V OCC SLTY, V OCC WL DSTY PYR SCAT, MED FRM	NF	
		10	SLTST	GY, SBBLKY-BLKY, NON CALC, OCC MIC, MED FRM		
7390	7420	90	CLYST	ACC: FW DOL, MASS CALC SHLY CLYST, BNSH GY, SBBLKY-BLKY MNR SBPLTY, NON CALC, V MICRMIC, MNR MICRCARB, SLTY, MED FRM OCC SFT	NF	
		10	SLTST	GY, SAME AS ABOVE		
				ACC: FW MASS CALC		

Logger: A. GARRO E.

Date: MAY 12th 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6960	6980	80	CLYST.	BN'SH GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY IN PT, MOD FRM	NF	
		20	SLTST.	GY, SBBLKY, CALC, MIC, MOD FRM ACC: FW DOL, MASS CALC		
6980	6990	60	CLYST.	GY, BN'SH GY, SAME AS ABOVE	NF	
		30	SS.	GYSH WH, 100/ V FGR, W SRTD, V SLTY MTX, CALC IN PT, MIC (MUSC), DK GY GRS INCL, MOD HD, V P VIS POR, GRDG TO SLTY SS.		
		10	SLTST.	GY, SAME AS ABOVE ACC: FW MASS CALC		
6990	7010	50	CLYST.	GY, BN'SH GY, SBBLKY-BLKY MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, SLTY IN PT, MOD FRM ACC SET	NF	
		40	SS.	GYSH WH, 100/ V FGR, W SRTD, ARG MTX, CALC, MIC (MUSC), DK GY GRS INCL, MOD HD, V P VIS POR		
		10	SLTST.	GY-LT GY, SBBLKY, CALC, OCC MIC, MOD FRM ACC: FW DOL, MASS CALC		
7010	7030	70	CLYST.	BN'SH GY, GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, OCC SLTY, MOD FRM-FRM	NF	
		20	SS.	GYSH WH, 100/ V FGR, W SRTD, ARG MTX, CALC, MIC (MUSC), DK GY GRS INCL, MOD HD-HD, V P VIS POR		
		10	SLTST.	GY-LT GY, SAME AS ABOVE ACC: FW DOL		
7030	7070	80	CLYST.	BN'SH GY, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, OCC SLTY, MOD FRM-FRM	NF	
		20	SLTST.	GY, SBBLKY, NON CALC, OCC MIC, MOD FRM ACC: FW DOL, MASS CALC		
7070	7080	90	CLYST.	BN'SH GY, SAME AS ABOVE	NF	
		10	SLTST.	GY, SAME AS ABOVE ACC: FW MASS CALC		
7080	7130	80	CLYST.	GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY IN PT, MOD FRM-FRM	NF	
		20	SLTST.	GY, SBBLKY, NON CALC, OCC MIC, MOD FRM		

Logger: A. GARRO E.

Date: MAY 10th, 1995

WELL:.....L016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6850	6860	70	SAN CRISTOBAL FM TOP AT 6830' MD, 6158' SS.			
			CLYST. GY, BN SH GY, SBBLKY - BLKY MNR SBPLTY, NON CALC		NF	
			MICRMIC, MNR MICRCARB, MOD FRM - FRM			
		20	SS. GY, 100/ V F GR, W SRTD, ARG MTX, CALC, DK GY GRS			
			INCL, MOD HD - HD, V P VIS POR, GRDS TO SLTST.			
		10	SLTST GY, SBBLKY, SL CALC, OCC MIC, MOD FRM			
			ACC: FW MASS CALC			
6860	6890	60	CLYST. GY, BN SH GY, SBBLKY - BLKY, NON CALC, MICRMIC,		NF	
			MNR MICRCARB, SLTY, MOD FRM OCC FRM			
		20	SS. GY, 100/ V F GR, W SRTD, V ARG MTX, CALC, MIC (MUSE)			
			DK GY GRS INCL, MOD HD - HD, V P VIS POR			
		20	SLTST. GY, SBBLKY, SL CALC, MICRCARB IN PT, HD			
			ACC: FW MASS CALC			
6890	6910	60	CLYST. GY, BN SH GY, SBBLKY - BLKY, MNR SBPLTY, NON CALC,		NF	
			MICRMIC, MNR MICRCARB, OCC SLTY, MOD FRM - FRM			
		30	SS. WH, 90/ V F, 10/ F GR, W SRTD, SL ARG MTX, V CALC,			
			OCC DK GY GRS INCL, MOD HD, P VIS POR			
		10	SLTST GY, SAME AS ABOVE			
			ACC: FW MASS CALC			
6910	6920	70	CLYST. GY, BN SH GY, SAME AS ABOVE		NF	
		20	SS. WH, SAME AS ABOVE			
		10	SLTST GY, SAME AS ABOVE			
			ACC: FW MASS CALC			
6920	6950	80	CLYST. GY, BN SH GY, SBBLKY - BLKY, NON CALC, MICRMIC,		NF	
			MNR MICRCARB, SLTY IN PT, MOD FRM - FRM			
		20	SLTST. GY, SBBLKY, SL CALC, OCC MIC, MOD HD - HD			
			ACC: FW DOL, MASS CALC			
6950	6960	70	CLYST. GY, BN SH GY, SAME AS ABOVE		NF	
		20	SLTST GY, SAME AS ABOVE			
		10	SS. GY, 100/ V F GR, W SRTD, V ARG MTX, SL CALC, DK GY			
			GRS INCL, MOD HD OCC HD, V P VIS POR			
			ACC: FW DOL, MASS CALC			

Logger:.....A GARRO E.....

Date:.....MAY. 11th 1995.....

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6750	6770	50	CLYST	GY, SBPLY- SBBLKY, MNR BLKY, NON CALC, MICR MIC, MNR MICR CARB, MOD FRH- FRH	15/	SL BR WH FLUOR, NO CUT, SLOW WK MKY WH CN CRUSHED SPL, PRES RING
		30	SS	WHSH, 80/ V F, 20/ F GR, W SRTD, SL ARG MTX, V CALC, DK GY GRS INCL, MOD HD, P VIS PER		
		20	SD	HYAL WH- MKY WH QTZ, 100/ V F GR, W SRTD, FW DK GY GRS ACC: FW MASS CALC, LAM CALC		
6770	6790	70	CLYST	GY, BN SH GY, SAME AS ABOVE	NF	
		30	SS	SL GYSH WH, 100/ V F GR, W SRTD, SL ARG MTX, V CALC, CARB IN PT, DK GY GRS INCL, MOD HD, P VIS PER ACC: FW MASS & LAM CALC		
6790	6810	60	SS	GYSH WH MNR GY, 100/ V F GR, W SRTD, ARG MTX, SL CALC, MIC (MUSC), DK GY GRS INCL, MOD HD- HD, V P VIS PER	NF	
		40	CLYST	GY, BN SH GY, SBPLY- SBBLKY, MNR BLKY, NON CALC, MICR MIC, MNR MICR CARB, MOD FRH DEC FRH ACC: FW- SOME MASS CALC		
6810	6830	40	SS	WHSH, 80/ V F, 20/ F GR, W SRTD, SL ARG MTX, SL CALC, DEC MIC (MUSC), DK GY GRS INCL, FRI, P VIS PER & MNR GYSH WH- GY, 100/ V F GR, W SRTD, ARG MTX, CALC, MIC (MUSC), MOD HD- HD, V P VIS PER	5/	SL BR WH FLUO NO CUT, V SLOW V WK SL MKY WH CN CRUSHED SPL, PRES RING
		40	CLYST	GY, BN SH GY, SAME AS ABOVE		
		20	SD	HYAL WH- MKY WH QTZ, 80/ V F, 20/ F GR, W SRTD, SBANG- SBRD, FW DK GY GRS ACC: COM MASS CALC, FW SHELL FRAG		
6830	6850	60	CLYST	GY, BN SH GY, SBBLKY- BLKY MNR SBPLY, NON CALC, MICR MIC, MNR MICR CARB, MOD FRH	NF	
		20	SS	LT GY, 100/ V F GR, W SRTD, SLTY & ARG MTX, CALC, DK GY GRS INCL, MOD HD- HD, V P VIS PER, GRDG TO SLTST		
		20	SLTST	GY, BLKY, MIC, SL CALC, MOD FRH ACC: FW MASS CALC		

Logger: A GARRC E

Date: MAY 11 1995

WELL:.....L016-20..... AREA:.....LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6620	6630	60	CLYST	GY, BN'SH GY, SAME AS ABOVE + V OIL W/ LAM COAL IN SURF.	NF	
		20	SLTY SS	LT GY, SAME AS ABOVE		
		20	SLTST	GY, SAME AS ABOVE ACC: FW MASS CALC		
6630	6660	60	CLYST	GY, BN'SH GY, SBBLKY-BLKY MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, OIL SLTY, MOD FRM	NF	
		30	SLTY SS	LT GY, 100/ V F GR, W SRTD, SLTY & ARG MTX, CALC IN PT, MIC (NUSC), MICRCARB IN PT, DK GY GRS INCL, MOD HD OIL HD, V P VIS PER		
		10	SLTST	LT GY, GY, SBBLKY, SL CALC, OIL MIC, MOD FRM ACC: FW SHELL FRAG, MASS CALC, MASS BRI PYR		
6660	6670	50	CLYST	GY, BN'SH GY, SBBLKY-BLKY MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, OIL SLTY, MOD FRM	NF	
		30	SS-SLTY	SS, GY'SH WH, 100/ V F GR, W SRTD, SLTY & ARG MTX, SL CALC, DK GY GRS INCL, MOD HD MNR FRI, V P VIS PER		
		20	SLTST	LT GY, SBBLKY, SL CALC, MIC, SDY, MOD FRM ACC: FW SHELL FRAG, MASS BRI PYR		
6670	6680	60	CLYST	GY, BN'SH GY, SAME AS ABOVE	NF	
		20	SS-SLTY	SS, GY'SH WH, SAME AS ABOVE		
		20	SLTST	LT GY, SAME AS ABOVE ACC: FW SHELL FRAG, MASS CALC		
6680	6740	80	CLYST	BN'SH GY OIL BN, SBPLTY-SBBLKY, MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, MOD FRM	NF	
		20	SLTST	GY, BLKY, SL CALC, OIL MIC, MOD FRM ACC: FW MASS CALC, DOL		
6740	6750	60	CLYST	GY, OIL BN'SH GY, SAME AS ABOVE	NF	
		40	SS	WH'SH, 90/ V F, 10/ FGR, W SRTD, SL ARG MTX, V CALC, CARB IN PT, DK GY GRS INCL, MOD HD OIL HD, P VIS PER ACC: FW LAM COAL		

Logger:.....A. GARRO E.....

Date:.....MAY 11th, 1995.....

WELL:..... L016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6550	6560	40	CLYST	GY, SBPLTY - SBBLKY, NCM CALC, MICRMIC, NCM CALC, MNR MICRCARB, OCC SLTY, MOD FRM ACC: FW MASS CALC		WK MRY WH ON CRUSHED SPL FR RES RING
		70	CLYST	GY, BN, SAME AS ABOVE	NF	
		20	SS	LT GY, 100/ V F GR, W SRTD, SLTY & ARG MTX, NCM CALC, DK GY GRS INCL, MOD HD, V P VIS PER		
6560	6570	10	SLTST	GY, SBBLKY - BLKY, SL CALC, MOD FRM ACC: FW MASS CALC		
		60	CLYST	GY, BN, SBBLKY - BLKY, MNR SBPLTY, NCM CALC, MICRMIC, MNR MICRCARB, V OCC WL LAM COAL ON SURF, MOD FRM	NF	
		20	SS	LT GY, SAME AS ABOVE		
6570	6590	20	SLTST	GY, SAME AS ABOVE ACC: FW MASS CALC		
		60	CLYST	GY, BN, SAME AS ABOVE	NF	
		30	SLTY	SS, LT GY, 100/ V F GR, W SRTD, SLTY & ARG MTX, V CALC, MIC (MUSC), DK GY GRS INCL, MOD HD, V P VIS PER		
6590	6600	10	SLTST	LT GY, GY, SBBLKY, CALC, OCC MIC, SFT - MOD FRM ACC: FW MASS CALC		
		80	CLYST	GY MNR BNSH GY, SBPLTY - SBBLKY, MNR BLKY, NCM CALC, MICRMIC, MNR MICRCARB, OCC SLTY, MOD FRM	NF	
		20	SLTST	LT GY, GY, SAME AS ABOVE ACC: FW MASS CALC		
6600	6610	90	CLYST	GY MNR BNSH GY, SAME AS ABOVE	NF	
		10	SLTST	LT GY, GY, SAME AS ABOVE ACC: FW MASS CALC		
6610	6620	60	CLYST	GY, BNSH GY, SBBLKY - BLKY, MNR SBPLTY, NCM CALC, MICRMIC, MNR MICRCARB, OCC SLTY, MOD FRM	NF	
		30	SLTY	SS, LT GY, 100/ V F GR, W SRTD, SLTY & ARG MTX, V CALC, MIC (MUSC), MICRCARB IN PT, DK GY GRS INCL, MOD HD, V P VIS PER, GRDG To SLTST		
		10	SLTST	GY - LT GY, SBBLKY, SL CALC, OCC MICRCARB, MOD FRM ACC: FW MASS CALC		

Logger: A. GARRE E

Date: MAY 11TH, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6440	6490	70	CLYST	GY, BN'SH GY, SBPLTY-SBBLKY, NMR BLKY, NON CALC, MICRMIC, NMR MICRCARB, MOD FRM NMR SFT	NF	
		30	SLTST	GY, BLKY, SL CALC, SDY, MOD FRM ACC. FW MASS CALC		
6490	6490	40	SS	WH, 100% V F GR, W SRTD, CLN IN PT, V CALC, DK GY GRS INCL, FRI-MOD HD, P VIS PER	5/	BRI WH FLOCK NO CUT, V SLOW
		40	CLYST	GY, SAME AS ABOVE		V WK SL HRY
		20	SD	HYAL WH-MKY WH STR, 90% V F, 10% F GR, W SRTD, FW DK GY GRS.		DN CRUSHED SP PRES RING
				ACC: SOME MASS CALC		
6490	6510	70	CLYST	GY, BN'SH GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, NMR MICRCARB, MOD FRM OCC SFT	NF	
		30	SLTST	GY, SBBLKY, SL CALC, CARB IN PT, SDY, MOD FRM ACC. FW MASS CALC		
6510	6520	70	CLYST	GY, BN'SH GY, SAME AS ABOVE	NF	
		20	SLTST	GY, SAME AS ABOVE		
		10	SS	GY'SH WH, 100% V F GR, W SRTD, SLTY & ARG MTX, CALC, DK GY GRS INCL, MOD HD, V P VIS PER GRDG TO SLTY SS		
				ACC: FW MASS CALC		
6520	6530	70	CLYST	GY OCC BN'SH GY, SAME AS ABOVE	NF	
		20	SS	GY'SH WH, SAME AS ABOVE		
		10	SLTST	GY, SBBLKY-BLKY, CALC, CARB IN PT, MOD FRM ACC. FW MASS CALC		
6530	6540	60	CLYST	GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, NMR MICRCARB, SLTY, OCC w/ LAM COAL ON SURF, MOD FRM OCC SFT	NF	
		30	SS	GY'SH WH, 100% V F GR, W SRTD, SLTY & ARG MTX, V CALC, DK GY GRS INCL, MOD HD, V P VIS PER		
		10	SLTST	GY, SAME AS ABOVE		
				ACC: -		
6540	6550	60	SS	WH, 100% V F GR, W SRTD, SL ARG MTX, V CALC, MIC (MUSC), 20% DK GY GRS INCL, MOD HD, P VIS PER	15/	BRI WH FLOCK, NO CUT, SLOW

Logger: A. GARRO E

Date: MAY 11, 1995

WELL:..... L016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6390	6400	70	CLYST	GRS INCL, FRI, P VIS POR ACC: SOME MASS CALC, FW SHELL FRAG		
		20	SS	GY, SAME AS ABOVE	NE	
		10	SD	HYAL WH - MKY WH GTZ, SAME AS ABOVE		
				SS. WH, SAME AS ABOVE		
				ACC: COM SHELL FRAG, MASS CALC		
6400	6410	60	CLYST	GY, BNISH GY, SBBLKY - BLKY, MNR SBPLTY, NON	NE	
		20	SS	CALC, MICRMIC, MNR MICRCARB, MOD FRM CCC SFT		
		20	SD	SL GYSH WH, 100/ V F GR, W SRTD, SL BLTY & SL ARE		
				MTX, NON CALC, DK GY GRS INCL, FRI - MOD HD, V		
				P VIS POR		
		20	SD	HYAL WH - MKY WH GTZ, 90/ V F, 10/ F, W SRTD, FW		
				DK GY GRS		
				ACC: COM SHELL FRAG, MASS CALC, FW DCL		
6410	6420	90	CLYST	GY, SAME AS ABOVE	NE	
		10	SS	SL GYSH WH, SAME AS ABOVE		
				ACC: FW MASS CALC		
6420	6430	50	CLYST	GY, SAME AS ABOVE	5/	BRI WH FLUR,
		20	SD	HYAL WH - MKY WH GTZ, 50/ V F, 20/ F GR, W SRTD,		NO CUT, SLOW
				FW DK GY GRS		WR MKY WH ON
		20	SLTST	LT GY - GY, SBBLKY, SL CALC, CCC MIC, MOD FRM		CRUSHED SPL,
		10	SS	WH, 80/ V F, 20/ F GR, W SRTD, CLN IN PT, SL CALC,		FR RES RING
				DK GY GRS INCL, FRI, P VIS POR		
				ACC: —		
6430	6440	50	CLYST	GY, SBPLTY - SBBLKY CCC BLKY, NON CALC, MICRMIC,	5/	SAME AS ABOVE
				MNR MICRCARB, MOD FRM CCC SFT		
		30	SD	HYAL WH MNR MKY WH GTZ, 40/ V F, 40/ F, 20/ M GRS,		
				SBANG - SBRD, FR SRTD, FW DK GY GRS		
		10	SS	WH, SAME AS ABOVE		
		10	SLTST	LT GY - GY, SAME AS ABOVE		
				ACC: FW MASS BR, PYR, MASS CALC		

Logger: A. GARRO E.

Date: MAY 11TH, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6340	6350	10	SLTST GY	HD, V P VIS POR, GRDG TO SLTY SS ACC: SOME SHELL FRAG, MASS CALC		
		NOTE: FROM 6330 TO 6370 MICROGASTROPODS ZONE, VERY COMMON CALCAREOUS MATERIAL				
		70	CLYST BN'SH GY, GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, MOD FRM MNR SFT		MF	
		20	SS LT GY, SAME AS ABOVE			
6350	6360	10	SLTST GY, SBBLKY, SL CALC, OCC MIC, MOD FRM			
			ACC: SOME SHELL FRAG, MASS CALC			
		60	CLYST GY, BN'SH GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, ECC W/ LAM (CAL ON SURF), SFT & MOD FRM		MF	
		30	SS LT GY, 100% V F GR, W SRTD, SLTY & ARG MIX, V CALC, DK GY GRS INCL, MOD HD, V P VIS POR, GRDG TO SLTY SS			
6360	6370	10	SLTST GY, SAME AS ABOVE			
			ACC: SOME MASS CALC, FW SHELL FRAG, DOL, MASS BR, DVX			
		60	CLYST GY, BN'SH GY, SBBLKY-BLKY, MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, ECC W/ LAM (CAL INCL), SLTY, SFT & MOD FRM		MF	
		30	SS SL GY'SH WH, 100% V F GR, W SRTD, SL ARG MIX, V CALC, DK GY GRS INCL, MOD HD, P VIS POR			
6370	6380	10	SD HYAL WH-MKY WH BTZ, 50% V F, 40% F, 10% M GRS, SBANG-SBRD, FR SRTD, FW DK GY GRS			
			ACC: COH MASS CALC, SOME SHELL FRAG			
		90	CLYST GY ECC BN'SH GY, SAME AS ABOVE		MF	
		10	SLTST GY, SBBLKY, SL CALC, ECC MIC, MOD FRM			
6380	6390		ACC: FW MASS CALC			
		60	CLYST GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, ECC WXY, SFT-MOD FRM		MF	
		30	SD HYAL WH-MKY WH BTZ, 100% V F GR, W SRTD, FW DK GY GRS			
		10	SS WH, 100% V F GR, W SRTD, CLN IN PT, CALC, DK GY			

WELL:.....L016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6170	6190	60	CLYST	GY MNR BN, BN SH GY, SBPLTY-SBBLKY, NON CALC, MICRNIC, V MNR MICRCARB, MOD FRM OCC SFT	NF	
		20	SLTST	GY, BLKY, NON CALC, MICRCARB IN PT, SDY, SFT GRDG TO SLTY SS.		
		20	DOL	TAN, SAME AS ABOVE ACC: FW MASS CALC		
6190	6210	90	CLYST	GY MNR BN SH GY, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRNIC, MNR MICRCARB, OCC SLTY, MOD FRM OCC SFT	NF	
		10	SLTST	GY, SAME AS ABOVE ACC: FW DOL		
6210	6280	80	CLYST	GY, BN SH GY, SBPLTY-SBBLKY OCC BLKY, NON CALC, MICRNIC, MNR MICRCARB, SLTY, MOD FRM MNR SFT	NF	
		20	SLTST	GY, BLKY, SL CALC, MICRCARB IN PT, SFT ACC: SOME DOL, FW MASS CALC		
6280	6300	70	CLYST	BN SH GY, GY, SBPLTY-SBBLKY OCC BLKY, NON CALC, MICRNIC, MNR MICRCARB, SLTY, MOD FRM MNR SFT	NF	
		30	SLTST	GY, SBBLKY, NON CALC, CARB IN PT, SDY, SFT, MOD FRM, GRDG TO SLTY SS. ACC: SOME DOL, FW MASS CALC		
6300	6310	80	CLYST	BN SH GY, GY, SAME AS ABOVE	NF	
		20	SLTST	GY, SAME AS ABOVE ACC: FW DOL, MASS CALC		
6310	6320	70	CLYST	BN SH GY, GY, SBPLTY-SBBLKY, NON CALC, MICRNIC, MNR MICRCARB, SLTY, MOD FRM MNR SFT		
		30	SLTST	GY, SBBLKY, SL CALC, CARB IN PT, SDY, MOD FRM, GRDG TO SLTY SS. ACC: FW MASS CALC		
6320	6340	60	CLYST	BN SH GY, GY, SAME AS ABOVE	NF	
		30	SS	LT GY, 100/ V.F GR, W SRTD, SLTY & ARG MTX, V CALC, MIC (NUSE), FOSS, DK GY GRS INCL, MOD		

Logger:.....A GARRO E.....

Date:.....MAY 11, 1995.....

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
6040	6050	50	CLYST	V SL CALC, CARB, DK GY GRS INCL, MOD HD IN P VIS POR ACC: SOME MASS CALC, FW LAM (CAL	NF	
		50	SS	BN, SBPLY-SBBLKY, NON CALC, MICRNIC, MNR MICRCARB, MOD FRM SL GYSH WH, 100% V F GR, W SATD, SLTY & ARG MTX, V CALC, CARB IN PT, DK GY GRS INCL, MOD HD, V P VIS POR ACC: SOME MASS CALC, FW LAM (CAL		
6050	6090	70	CLYST	BN, BN'SH GY, SBPLY-SBBLKY DEC BLKY, NON CALC, MICRNIC, MNR MICRCARB, SLTY, SFT DEC MOD FRM	NF	
		20	SS	GY'SH WH, 100% V F GR, W SATD, SLTY & ARG MTX, SL CALC, DK GY GRS INCL, MOD HD, V P VIS PER, GRDG TO SLTY SS.		
		10	SLTST	GY, SBBLKY-BLKY, SL CALC, DEC MIC, MOD FRM ACC: FW MASS CALC		
6090	6100	60	CLYST	BN, BN'SH GY, SAME AS ABOVE	NF	
		20	SLTST	GY, SAME AS ABOVE		
		10	SS	GY'SH WH, SAME AS ABOVE		
		10	DOL	TAN, SBBLKY, NON CALC, DEC MICRCARB, MOD HD ACC: FW MASS CALC		
6100	6160	90	CLYST	-SHLY CLYST, BN, BN'SH GY, SBPLY-SBBLKY, NON CALC, MICRNIC, V MNR MICRCARB, DEC SLTY, MOD FRM DEC SFT	NF	
		10	SLTST	GY, SBBLKY-BLKY, SL CALC, DEC MIC, MOD FRM ACC: FW DOL, MASS CALC		
6160	6170	80	CLYST	-SHLY CLYST, BN, BN'SH GY, SAME AS ABOVE	NF	
		10	SLTST	GY, SAME AS ABOVE		
		10	DOL	TAN, SBBLKY, NON CALC, V DEC W/ DSTY PVR SCAT, HD ACC: FW MASS CALC		

Logger: A GARRO E

Date: MAY 11, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
5890	5900	60	CLYST	GY NNR SL BN SH GY	NF	
		40	SS	GY SH WH-LT GY, 100% V F GR, W SRTD, SLTY & ARG MTX, V CALC, BK GY GRS INCL, MOD HD, V P VIS POR ACC: FW MASS CALC		
5900	5920	80	CLYST	BN SH GY NNR BN, SBBLKY-BLKY, NNR SBPLTY, NON CALC, MICRMIC, NNR MICRCARB, MOD FRM OCC SFT	NF	
		10	SS	GY SH WH-LT GY, SAME AS ABOVE		
		10	SLTST	GY, SBBLKY-BLKY, CALC, OCC MICRCARB, MOD FRM ACC: FW MASS CALC		
5920	5950	100	CLYST	BN SH GY, GY, NNR BN, SBPLTY-SBBLKY, NNR SBPLTY, NON CALC, MICRMIC, NNR MICRCARB, MOD FRM NNR SFT ACC: FW DOL, MASS CALC	NF	
5950	5970	90	CLYST	BN SH GY, GY & BN, SBPLTY-SBBLKY, NON CALC, MICRMIC, V NNR MICRCARB, WXY, FRM	NF	
		10	SLTST	GY, SBBLKY, SL CALC, OCC MICRCARB, MOD FRM ACC: FW MASS CALC, DOL		
5970	6010	100	CLYST	BN SH GY, BN, SBPLTY-SBBLKY NNR BLKY, NON CALC, MICRMIC, NNR MICRCARB, MOD FRM NNR SFT, & BN (30%), SBBLKY, NON CALC, MICRMIC, V NNR MICRCARB, WXY, FRM ACC: FW DOL	NF	
6010	6020	90	CLYST	BN, SBPLTY-SBBLKY, NON CALC, MICRMIC, V NNR MICRCARB, OCC WXY, MOD FRM	NF	
		10	SS	GY SH WH, 100% V F GR, W SRTD, SL SLTY & SL ARG MTX, CALC, OCC MIC (MUSC), BK GY GRS INCL, MOD HD, P VIS POR ACC: FW DOL		
6020	6040	60	CLYST	BN, SAME AS ABOVE	NF	
		40	SS	GY SH WH, 100% V F GR, W SRTD, SLTY & ARG MTX,		

Logger: A. GARRC E

Date: MAY 10th, 1995

WELL:.....LO16-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
5810	5820	60	SS	MICRMIC, MNR MICRCARB, SFT & MOD FRM ACC: FW MASS CALC GY'SH WH, SAME AS ABOVE	NI	
		40	CLYST	GY, SAME AS ABOVE ACC: FW MASS CALC		
5820	5830	80	SS	GY'SH WH, 100% V.FGR, W SRTD, SLTY & ARG MTX, CALC IN PT, MIC (MUSC), DK GY GRS INCL, FRI- MOD HD, V P VIS POR, GRDG TO SLTY SS	NI	
		20	CLYST	GY OCC BN'SH GY, SAME AS ABOVE ACC: FW MASS CALC		
5830	5840	50	SS	GY'SH WH, SAME AS ABOVE	NI	
		50	CLYST	GY OCC BN'SH GY, SBBLKY-BLKY, MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, MOD FRM CCC SFT ACC: FW MASS CALC		
5840	5850	60	SS	SL GY'SH WH, 90% V.F, 10% FGR, W SRTD, SL SLTY & SL ARG MTX, SL CALC IN PT, DK GY GRS INCL, FRI-MOD HD, P VIS POR	SI	SL BRI WH FLUO NO CUT, SLOW WK SL HKY WH ON CRUSHED SP P RES RING
		40	CLYST	BN'SH GY, BN, SBBLKY-BLKY, NON CALC, MICR- MIC, MNR MICRCARB, SFT & MOD FRM ACC: FW MASS CALC, MASS BRI PYR		
5850	5870	50	SS	SL GY'SH WH, 90% V.F, 10% FGR, SAME AS ABOVE	SI	SAME AS ABOVE
		50	CLYST	GY MNR BN'SH GY, SAME AS ABOVE ACC: FW MASS CALC, SHELL FRAG		
5870	5890	60	CLYST	GY, SBBLKY-BLKY, MNR SBPLTY, NON CALC, MIC- RMIC, MNR MICRCARB, MOD FRM CCC SFT	NI	
		30	SS	SL GY'SH WH, 100% V.FGR, W SRTD, SLTY & ARG MTX, SL CALC, MIC (MUSC), DK GY GRS INCL, MOD HD MNR FRI, V P VIS POR, GRDG TO SLTY SS		
		10	SLTST	GY, SBBLKY-BLKY, SL CALC, CCC MIC, MOD FRM ACC: FW DDL, MASS CALC		

Logger: A. GARRO E

Date: MAY 10th, 1995

WELL:..... L016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
5700	5710	70	SS.	Acc. SOME MASS CALC, FW DOL, SHELL FRAG WH DCC. SL GYSH WH, 80/ VF, 20/ F GR, W SRTD, SL ARG MTX, SL CALC, DK GY GRS INCL, FRI- MOD HD, P VIS POR	NF	
		30	CLYST.	GY, BN, SBPLTY- SBBLKY, MNR BLKY, NON CALC MICRMIC, MNR MICRCARB, SFT		
5710	5740	60	SS.	Acc: FW MASS BRI PYR, MASS CALC WH, SL GYSH WH, 80/ VF, 20/ F GR, W SRTD, SL ARG MTX, V CALC, DK GY & TR GN GRS INCL, MOD HD MNR FRI, P VIS POR	NF	
		40	CLYST.	GY, BN, SAME AS ABOVE		
5740	5760	70	SS.	Acc: FW MASS CALC, DOL GYSH WH, 80/ VF, 20/ F GR, W SRTD, SL ARG MTX, SL CALC, DK GY & TR GN GRS INCL, FRI OCC MOD HD, P VIS POR	NF	
		30	CLYST.	GY MNR BN, SBPLTY- SBBLKY, MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT OCC MOD FRM		
5760	5780	80	SS.	Acc: FW MASS CALC, DOL GYSH WH, 90/ VF, 10/ F GR, W SRTD, SL ARG MTX, CALC, OCC MIC (MUSC), DK GY GRS INCL, FRI OCC. MOD HD, P VIS POR	NF	
		20	CLYST.	GY, SL BN SH GY, SBBLKY- BLKY, MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, SFT & MOD FRM		
5780	5800	50	SS.	Acc: FW MASS CALC GYSH WH, 100/ VF GR, W SRTD, SLTY & ARG MTX, NON CALC, DK GY GRS INCL, MOD HD, P VIS POR, GRDG TO SLTY SS.	NF	
		50	CLYST.	GY OCC SL BN SH GY, SAME AS ABOVE		
5800	5810	70	SS.	Acc: FW MASS CALC, MASS BRI PYR GYSH WH, 100/ VF GR, W SRTD, SLTY & ARG MTX, NON CALC, MIC (MUSC), DK GY GRS INCL, FRI- MOD HD, V P VIS POR, GRDG TO SLTY SS	NF	
		30	CLYST.	GY, SBBLKY- BLKY, MNR SBPLTY, NON CALC,		

Logger:..... A. GARRO F.

Date:..... MAY 10th, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
5620	5630	70	SS	GYSH WH, 80/ VF, 20/ F GR, W SRTD, SL ARG MTX, V CALC, MIC (MUSC), DK GY, GN, BN GRS INCL, FRI-MOD HD, P VIS PER	NF	
		30	CLYST	GY, SAME AS ABOVE ACC: COM MASS CALC		
5630	5640	80	SS	WH, 80/ VF, 20/ F GR, W SRTD, SL ARG MTX, SL CALC, DK GY & GN GRS INCL, FRI, P VIS PER	S/	BRI WH FLUR,
		20	CLYST	GY, SBPLY-SBBLKY, NON CALC, MICR MIC, MNR MICRCARB, SFT OCC MOD FRM ACC: SOME MASS CALC, FW DOL		NO CUT IN SLOW V W K SL M K Y W ON CRUSHED SPL PRES RING
5640	5650	60	SS	WH, SAME AS ABOVE	S/	SAME AS ABOVE
		40	CLYST	GY, SAME AS ABOVE ACC: SOME MASS CALC, FW DOL		
5650	5660	60	CLYST	GY, SAME AS ABOVE	NF	
		40	SS	WH, 80/ VF, 20/ F GR, W SRTD, SL ARG MTX, CALC, DK GY & GN GRS INCL, FRI-MOD HD, P VIS PER ACC: FW MASS CALC		
5660	5680	60	CLYST	GY, OCC BN, SBPLY-SBBLKY, NON CALC, MICR MIC, MICRCARB, SFT	NF	
		30	SS	GYSH WH, 100/ VF GR, W SRTD, SLTY & ARG MTX, CALC, DK GY GRS INCL, FRI-MOD HD, V P VIS PER		
		10	DOL	TAN, SBBLKY, NON CALC, OCC MICRCARB, MOD HD ACC: SOME MASS CALC, FW SHELL FRAG		
5680	5690	60	CLYST	GY, BN, YEL'SH BN, SBBLKY, NON CALC, MICR MIC, MNR MICRCARB, SLTY, SFT	NF	
		40	SS	GYSH WH, 100/ VF GR, W SRTD, SLTY & ARG MTX, SL CALC, OCC MIC (MUSC), DK GY GRS INCL, FRI-MOD HD, V P VIS PER ACC: SOME MASS CALC, FW DOL, MASS PYR		
5690	5700	60	SS	GYSH WH, 100/ VF GR, W SRTD, SLTY & ARG MTX, NON CALC, DK GY GRS INCL, FRI-MOD HD, V P VIS PER	NF	
		40	CLYST	GY, BN, YEL'SH BN, SAME AS ABOVE		

Logger: A. GARRO E.

Date: MAY 10, 1995

WELL:..... L016-20 AREA:..... LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
5430	5460	100	CLYST	- SHLY CLYST, GY, BN SH GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, OCC WXY, MOD FRM OCC SFT ACC: FW DOL	NF	
5460	5500	90	CLYST	GY OCC BN, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT MNR MOD FRM	NF	
		10	DOL	TAN, SBBLKY, NON CALC, HD ACC: FW MASS CALC		
5500	5560	90	CLYST	GY OCC SL BN SH GY, SBPLTY-SBBLKY OCC BLKY, NON CALC, MICRMIC, MNR MICRCARB, MOD FRM MNR SFT	NF	
		10	DOL	TAN, SBBLKY, NON CALC, V OCC MICRCARB, HD ACC: FW MICFCS, MASS CALC		
5560	5590	100	CLYST	SL BN SH GY MNR BN, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT MNR MOD FRM	NF	
				MOGOLLON FM TOP AT 5590 MD 5061 SS.		
5590	5600	40	SD	HYAL WH-MKY WH BTZ, 90/ V F, 10/ FGR, W SRTD, FW GN & DK GY GRS	NF	
		40	CLYST	SL BN SH GY, SAME AS ABOVE		
		20	SS	WH'SH, 100/ V F GR, W SRTD, ARG MTX, V CALC, OCC MIC (MUSC), DK GY & GN GRS INCL, FRI-MOD HD, V P VIS POR ACC: SOME DOL, MASS CALC		
5600	5610	70	SS	GY'SH WH, 100/ V F GR, W SRTD, ARG MTX, V CALC, MIC (MUSC), DK GY GRS INCL, FRI-MOD HD, V P VIS POR	NF	
		30	CLYST	SL BN SH GY, SAME AS ABOVE ACC: FW DOL, MASS CALC		
5610	5620	80	SS	GY'SH WH, SAME AS ABOVE	NF	
		20	CLYST	GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT & V MNR BN ACC: FW DOL, MASS CALC		

Logger:..... A. GARZO E

Date:..... MAY 10th, 1995

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
5090	5130	100	CLYST	GY, SBPLTY - SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, V DCC W/ LAM (CAL INCL, DEC. SLTY, SFT ACC: FW DOL, MASS CALC	NF	
5130	5140	80	CLYST	GY, DCC SLBNISH GY, SAME AS ABOVE	NF	
		20	DOL	BN, SBBLKY, NON CALC, DCC MICRCARB, MOD HD ACC: FW MASS CALC		
5140	5200	100	CLYST	GY, SBBLKY - BLKY, MNR SBPLTY, NON CALC, MICRMIC, MNR MICRCARB, SFT DCC MOD FRM ACC: SOME DOL, FW MASS CALC	NF	
5200	5260	100	CLYST	- SHLY CLYST, GY, SBPLTY - SBBLKY, MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, WXY IN PT, SFT & MOD FRM ACC: FW DOL, MASS CALC	NF	
5260	5320	100	CLYST	MOSTLY SHLY CLYST, SBPLTY - SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, WXY IN PT, SFT & MOD FRM ACC: FW DOL	NF	
5320	5340	90	CLYST	- SHLY CLYST, GY, SAME AS ABOVE	NF	
		10	DOL	BN, SBBLKY, NON CALC, DCC MICRCARB, MOD HD ACC: FW MASS CALC		
5340	5410	100	CLYST	- SHLY CLYST, GY, SBPLTY - SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, MOD FRM DCC SFT & BN (40/), SBPLTY, NON CALC, MICRMIC, V MNR MICRCARB, WXY, MOD FRM ACC: FW DOL, MASS CALC	NF	
5410	5430	80	CLYST	- SHLY CLYST, GY, SBPLTY - SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, MOD FRM DCC SFT & BN (40/), SBPLTY, NON CALC, MICRMIC, V MNR MICRCARB, WXY, MOD FRM	NF	
		20	DOL	TAN, SBBLKY, NON CALC, DCC MICRCARB, MOD HD - HD ACC: FW MASS CALC		

Logger: A. GARRO E

Date: MAY 10th 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
				ACC: FW DOL, MASS CALC		
4870	4890	80	CLYST	SL BN'SH GY, SAME AS ABOVE	NF	
		10	SLTST	GY, SAME AS ABOVE		
		10	DOL	LT BN, SBBLKY, NON CALC, MICRCARB IN PT, MOD HD		
				ACC: FW MASS CALC		
4890	4900	60	CLYST	SL BN'SH GY, SBBLKY-BLKY, NON CALC, MICR- MIC, MNR MICRCARB, SLTY, V OCC W/ LAM COAL INCL, SFT	NF	
		20	SS	GYSH WH MNR LT GY, 100% V F GR, W SRTD, ARE MTX, CALC, MOD HD OCC FRI, DK GY GRS INCL, V P VIS POR		
		20	DOL	BN, SBBLKY, NON CALC, OCC MICRCARB, MOD HD		
				ACC: FW MASS CALC		
4900	4950	90	CLYST	SL BN'SH GY, GY, SBPLTY-SBBLKY, OCC BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, SFT	NF	
		10	SLTST	GY, BLKY, NON CALC, OCC MICRCARB, SFT		
				ACC: FW DOL, MASS CALC		
4950	5010	100	CLYST	GY, SBPLTY-SBBLKY, MNR BLKY, NON CALC, MICR- MIC, MNR MICRCARB, V OCC SLTY, SFT OCC MOD FRM	NF	
				ACC: FW DOL, MASS CALC		
5010	5070	100	CLYST	GY OCC SL BN'SH GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, SFT	NF	
				ACC: FW DOL, MASS CALC		
5070	5090	90	CLYST	GY OCC SL BN'SH GY, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, V OCC W/ LAM COAL INCL, SFT OCC MOD FRM	NF	
		10	DOL	LT BN, BN, SBBLKY, NON CALC, MICRCARB, MOD HD		
				ACC: FW MASS CALC		

Logger: A GARRO E

Date: MAY 8th, 1995

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
4500	4520	90	CLYST	LT GY, GY, SBBLKY-BLKY, NON CALC, MICRMIC, MICRCARB, V OCC W/ LAM COAL INCL, V OCC W/ DSTY PYR SCAT, SFT	NF	
		10	DOL	BU, BLKY, NON CALC, MICRMIC, IN PT, MOD HD ACC: FW MASS CALC		
4520	4600	100	CLYST	GY, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT ACC: FW MASS CALC, DOL	NF	
4600	4660	100	CLYST	GY, SBPLTY-SBBLKY MNR BLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT V OCC. MOD. FRM ACC: FW MASS CALC, DOL	NF	
4660	4700	90	CLYST	GY, MNR SL BN SH GY, SBBLKY-BLKY MNR SB-PLTY, NON CALC, MICRMIC, MNR MICRCARB, V OCC. W/ LAM COAL INCL, SFT	NF	
		10	DOL	LT BN, SBBLKY, MICRCARB IN PT, V OCC W/ VEINS OF CALC INCL, MOD HD ACC: FW-CON. MASS CALC		
4700	4730	100	CLYST	SL BN SH GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SFT DEC MOD FRM (BN) ACC: FW DOL, MASS CALC	NF	
4730	4770	90	CLYST	GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY IN PT, V OCC W/ LAM COAL INCL, SFT	NF	
		10	DOL	BU, SBBLKY, NON CALC, MICRCARB IN PT, MOD HD ACC: FW MASS CALC		
4770	4820	100	CLYST	SL BN SH GY, SBBLKY-BLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, SFT ACC: FW DOL	NF	
4820	4870	90	CLYST	SL BN SH GY, GY, SBPLTY-SBBLKY, NON CALC, MICRMIC, MNR MICRCARB, SLTY, SFT DEC MOD FRM	NF	
		10	SLTST	GY, SBBLKY-BLKY, NON CALC, DEC MIC, SFT		

Logger: A. GARRO E.

Date: MAY 8th, 1995

WELL: 1016-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
4340	4380	10	SS	Gy ¹ SHWH, 100% VF GR, V.W. SETD, SLTY MTK, CALC, MODHD HD IN PT, W IDK & GN GRs INCL, OCC COAL & MIC INCL, SLTY-SS, DRTY, V.P VIS POR.		
		10	SLIST	Gy, SBBLY, CALC, W/MIC, COAL & FW GN MINS INCL. ACC: FW DOL & MIC FOSS.		
		90	CLYST	BRN ¹ SH Gy, MNR LTGY, SBPLTY, MNR SBBLY, NON CALC MICRHC, SL MICRARB, W/LAM COAL INCL, SLTY, MOD FRM.	N.F	
		10	SLIST	Gy, BLKY /SBBLY, CALC, W/MIC, COAL & FW GN MINS INCL, ACC: FW DOL & MIC FOSS.		FRM
4380	4430	100	CLYST	Gy & MNR BRN ¹ SH Gy, SBBLY-SEPLTY, NON CALC, V. MICRHC, MICRARB, W/LAM COAL INCL, SLTY, V.OCC WXY, MOD FRM, MNR SFT. ACC: FW DOL & MASS CALC.	N.F	
4430	4500	90	CLYST	BRN ¹ SH Gy, MNR LTGY & Gy, SBPLTY, MNR SBBLY, NON CALC, V. MICRHC, MICRARB, OCC WXY, W/LAM COAL INCL, SLTY IN PT, MOD FRM, MNR SFT.	N.F	
		10	SLIST	Gy, SBBLY, MNR BLKY, CALC -NON CALC IN PT, W/MIC, COAL, OCC GN MINS INCL, FRM. ACC: FW DOL & MASS CALC.		

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
4010	4030	80	CLYST	LTGy & HNR Gy, SBPLTY - HNR SBBLKY, NON CALC, MICR MIC, MICR CARB, SLTY, SFT, HNR MOD FRM.	N.F	
		10	SD	HYAL WH, HNR WLKY WH QTZ, 20% F, 80% M, V. OCC CARS, W. SRTD, SB ANG, HNR SBEND, MOD CLEDA, FW GN GRS		
		10	SS	WH'SH Gy, 100% VFGR, W. SRTD, SLTY HTX, CALC, MOD HD, FRÍ IN PT, W/DK & GN GRS INCL. SLTY-SS, DRTY, V.P VIS POR. ACC: FW DOL		
4030	4050	90	CLYST	LTGy, SBPLTY - HNR SBBLKY, NON CALC, MICR MIC, MICR CARB, SLTY, SFT, HNR MOD FRM.	N.F	
		10	SS	WH'SH Gy, 100% VFGR, W. SRTD, SLTY HTX, CALC, MOD HD, FRÍ IN PT, W/DK & GN GRS INCL. DRTY, V.P VIS POR. ACC: FW DOL & MASS CALC.		
4050	4080	100	CLYST	LTGy, HNR Gy, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LOM COAL INCL, SFT, HNR V. SFT. ACC: FW DOL.	N.F	
4080	4110	90	CLYST	LTGy, HNR Gy, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LOM COAL INCL, SFT.	N.F	
		10	SLTST	Gy, SBBLKY, CALC, W/MIC, COAL, OCC MIC, INCL & FW GN MINS INCL. MOD FRM. (GRAD TO VF. SS). ACC: FW DOL & MASS CALC.		
<u>PALEGREDA FM TOP @ 4110' MD, 3723' SS S1377' W:400'</u>						
4110	4240	100	CLYST	BRN'SH Gy & HNR Gy, SBBLKY, HNR SBPLTY, MICR MIC, OCC MICR CARB, NON CALC, SOME LOM COAL INCL, MOD FRM, HNR SFT. ACC: FW DOL & MASS CALC.	N.F	
4240	4270	90	CLYST	Gy & LTGy, OCC BRN'SH Gy, SBBLKY, HNR SBPLTY, NON CALC, V. MICR MIC, MICR CARB, W/LOM COAL INCL, SLTY IN PT, SFT, HNR MOD FRM.	N.F	
		10	SLTST	SL Gy'SH WH, SBBLKY, CALC, W/MIC, COAL & FW GN MINS INCL, GRAD TO VF. SS, MOD FRM. ACC: FW DOL & MASS CALC.		
4270	4300	80	CLYST	BRN'SH Gy & HNR Gy, SBBLKY. SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LOM COAL INCL, SFT TO MOD FRM.	N.F	
		20	SLTST	SL Gy'SH WH, SAME AS ABOVE. ACC: FW DOL & MASS CALC.		
4300	4340	80	CLYST	Gy, HNR BRN'SH Gy, SBBLKY, HNR SBPLTY, NON CALC, V. MICR MIC, OCC MICR CARB, NON CALC, MOD FRM, HNR SFT,	N.F	

APRIL 27th, 1995

WELL: L016-20.

AREA: LOROTOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
3900	3910	20	SD	HYALWH & MNR NLKYWH QTZ, 30% F, 60% M, 10% C GRS, SBANG - SBEND, FR - W. SRTD, MOD CLEAN, SOME GN GRS. ACC: FW DOL & MASS CALC.		SPL. FR RES. RING.
		70 30	CLYST SD	LTGY, MNR BRN'SH GY, SBPLTY, MNR SBBLKY, NON CALC, MICR MIC, MICR CARB, SLTY IN PT, MOD FRM. HYALWH & NLKYWH QTZ, 30% F, 50% M, 20% C, OCC V.C GRS, SBANG, MNR SBEND, FR SRTD, MOD CLEAN, SOME GN GRS. ACC: FW MASS CALC & PIR.	15%	A.A.
3910	3920	80 20	CLYST SD	LTGY, MNR BRN'SH GY, SAME AS ABOVE. HYALWH & MNR NLKYWH QTZ, 40% F, 50% M, 10% C GRS, OCC V.C GRS, SBANG, MNR SBEND, FR SRTD, MOD CLEAN, SOME LT GN & RD'SH GRS. ACC: FW MASS CALC & PYR.	15%	WH'SH Yellow FL SL BRI, NO CUT, FAST & STRONG CUT ON CRUSHED SPL. FR. RES RING.
3920	3950	80 10 10	CLYST SD SS	LTGY, MNR GY, SBBLKY-SBRLTY, NON CALC, V. MICR MIC, MICR CARB, SLTY IN PT, MOD FRM. HYALWH & MNR NLKYWH QTZ, SAME AS ABOVE. HYALWH & MNR WH, 100% F, OCC MGR, W. SRTD, NIL MTX, SL CALC, FRI, MOD HD IN PT, WIDK & FW GN GRS INCL, OCC MIC & COAL INCL, P- FR VIS POR. ACC: FW DOL & MASS CALC.	5%	YELLOW, V. SL BRI FL, NO CUT, SL FAST CUT ON CRUSHED SPL. P. RES RING.
		90	CLYST	GY & LTGY, MNR BRN'SH GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SLTY, MOD FRM.	N.F	
		10	SD	HYALWH & MNR NLKYWH QTZ, 100% M & OCC C GR & V.C GRS, SBANG & MNR SBEND, FR - W. SRTD, MOD CLEAN, FW GN & RD'SH GRS. ACC: FW DOL & MASS CALC.		
3960	3980	100	CLYST	GY & MNR BRN'SH GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SLTY, SFT TO MOD FRM. ACC: FW DOL.	N.F	
3980	4010	90	CLYST	GY & MNR BRN'SH GY, SBPLTY, MNR SBBLKY, NON CALC, MICR MIC, MICR CARB, SLTY, FRM.	N.F	
		10	SS	WH'SH GY, 100% V.F-FGR, W. SRTD, SLTY MTX, CALC, FRI, MOD HD IN PT, WIDK & GN GRS INCL, OCC MIC & LAM COAL INCL, SLDRTY, V-P VIS POR. ACC: FW MASS CALC & DOL.		

WELL:.....L016-20..... AREA:..LOBITAS...OFF SHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
3710	3730	80	CLYST	LT Gy, SBBLKY - SBPLTY, NON CALC, MICR MIC, MICR CARB, SFT.	N.F	
		10	SLTST	Gy, SBBLKY, CALC, W/MIC, COAL & FW GN MINS INCL, MOD FRM.		
		10	DOL	BEIGE, SBBLKY, NON CALC, HD, OCC MICR CARB, ACC: FW MASS CALC.		
3730	3740	70	CLYST	LT Gy, SAME AS ABOVE.	N.F	
		10	SS	WH, 100% VF GR, V.W. SRTD, NL HTX, CALC, W/DK & FW GN GRS INCL, OCC MIC, SLTY-SS, P. VIS POR.		
		10	SLTST	Gy, SBBLKY, CALC, W/MIC, COAL & FW GN MINS INCL, MOD FRM.		
		10	DOL	BEIGE, SBBLKY, NON CALC, HD, OCC MICR CARB, ACC: FW MASS CALC.		
3740	3760	80	CLYST	LT Gy, MNR BRN'SHGy, SBBLKY, MNR SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SFT & OCC V. SFT.	N.F	
		10	SS	WH, MNR SLGY'SHWH, 100% VF GR, W. SRTD, SLTY HTX, V. CALC, MOD HD, FRI IN PT, W/DK, FW GN GRS INCL, OCC MIC & TR BRICKS GRS, P. VIS POR.		
		10	DOL	TAN, MNR BEIGE, MICR CARB, OCC DUSTY PYR SCAT, MOD HD, ACC: FW MASS CALC.		
3760	3830	90	CLYST	LT Gy, MNR BRN'SHGy, SBBLKY, MNR SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, FW W/DUSTY PYR SCAT, SFT, OCC V. SFT.	N.F	
		10	DOL	TAN, MNR BEIGE, MICR CARB, OCC DUSTY PYR SCAT, MOD HD, ACC: FW MASS CALC & MICR FOSS.		
3830	3860	100	CLYST	LT Gy, MNR BRN'SHGy, SBBLKY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, FW W/DUSTY PYR SCAT, SFT, OCC V. SFT, ACC: FW MASS CALC & MICR FOSS.	N.F	
3860	3890	90	CLYST	<u>PARITAS FM TOP @ 3860 MD 3498'SS 5:1282' W:374'</u> LT Gy, MNR Gy, SBBLKY, MNR SBPLTY, NON CALC, V. MICR, MIC, MICR CARB, OCC DUSTY PYR SCAT, SFT, OCC V. SFT.	5%.	WH'SH YELLOW SLBRI FL. NO CUT. SLOW & WEAK CUT ON CRUSHED SPL. P. RES RING.
		10	SD	HYALWH & MNR HLKYWH QTZ, 10% VF, 40% F, 50% M, 10% C GR, W. SRTD, SBANG, MNR SBRND, CLEAN, SOME GN & DK GRS. ACC: FW MASS CALC & PYR.		
3890	3900	80	CLYST	LT Gy, MNR BRN'SHGy, SBBLKY - SBPLTY, NON CALC, MICR CARB, V. MICR MIC, OCC LAM COAL INCL, SLTY IN PT, SFT TO MOD FRM.	15%.	WH'SH Yellow SLBRI FL, NO CUT SL FAST & STRONG CUT ON CRUSHED

WELL: L016-20.

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
3490	3550	70	CLYST	LTGY, MNR GY, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SFT, MNR MOD FRM.	N.F.	
		20	DOL	TAN, MNR BEIGE, SBBLKY, V. SL CALC, MOD HD, MICR CARB & DUSTY PYR SCAT IN PT, OCC CALCITE VEINS.		
		10	SLTST	SL GY'SH WH, SBBLKY, CALC, W/MIC, COAL, DK & GN HINS INCL, GRAD TO V.F SS, MOD FRM. ACC: FW MASS CALC, MICR FOSS & COAL.		
3550	3610	90	CLYST	GY & LTGY, OCC BRN'SH GY, SBBLKY - SBPLTY, NON CALC, V. MNR. F. MIC, MICR CARB, OCC LAM COAL INCL, SFT, SOME V. SFT.	N.F.	
		10	DOL	BEIGE, MNR TAN, SBBLKY, MICR CARB, OCC LAM COAL INCL, NON CALC, MOD HD. ACC: COM MASS CALC, COAL & MICR FOSS.		
3610	3650	80	CLYST	GY, MNR LTGY, OCC BRN'SH GY, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, SFT, MNR MOD FRM.	N.F.	
		20	DOL	TAN, V. MNR BEIGE, SBBLKY, NON-SL CALC, MOD HD, MICR CARB, OCC CALCITE VEINS. ACC: FW MASS CALC & MICR FOSS.		
3650	3670	70	CLYST	GY, MNR LTGY, SAME AS ABOVE.	N.F.	
		20	SS	WH & SLGY'SH WH, 100% VF GR, W. SRTD, WH CLY HTX, CALC MOD HD, FRI IN PT, W/DK & FW GN GRS INCL, OCC MIC, V. OCC RD'SH GR, SLTY-SS IN PT, P. VIS POR.		
		10	DOL	BEIGE, MNR TAN, SBBLKY, MICR CARB, OCC LAM COAL INCL, NON-SL CALC MOD HD. ACC: FW MASS CALC.		
3670	3680	60	CLYST	GY, MNR LTGY & OCC BRN'SH GY, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, SFT, MNR MOD FRM.	N.F.	
		30	SS	WH, 100% VF GR, W. SRTD, KAO HTX IN PT, CALC, MOD HD, FRI IN PT, W/DK, MNR GN GRS INCL, OCC MIC, P. VIS POR.		
		10	DOL	BEIGE, SBBLKY, NON-SL CALC IN PT, MOD HD, MICR CARB, OCC DUSTY PYR SCAT. ACC: FW MASS CALC & PYR.		
3680	3710	70	CLYST	LTGY, MNR GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SFT, MOD FRM IN PT.	N.F.	
		10	SS	SLGY'SH WH, 100% VF GR, W. SRTD, SLTY HTX IN PT, CALC, FRI IN PT, MOD HD, W/DK & GN, OCC RD'SH GR INCL, SOME WITH MIC & COAL INCL, P. VIS POR.		
		10	SUST.	GY, SBBLKY, CALC, W/MIC, COAL & FW GN HINS INCL, GRAD TO VF. SS IN PT, MOD FRM.		
		10	DOL	BEIGE SAME AS ABOVE. ACC: FW MASS CALC & PYR.		

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
3360	3400	10	SLTST	SLGY/SHWH, SBBLY, CALC, W/MIC, DK & GN MINS INCL, GRAD TO SLTY SS IN PT, MOD FRM.		
		10	DOL	BEIGE MNR TAN, SBBLY, MICR CARB, OCC LAM PYR COAL, V. SL CALC, HD TO MOD HD. ACC: FW MASS CALC.		
		90	CLYST	LTGY & MNR GY, SBBLY - SBPLY, MICR MIC, MICR CARB, N.F. NON CALC, OCC LAM COAL INCL, SLTY IN PT, SFT, MNR MOD FRM.		
		10	SS	WH, 100% VF GR, V.W SRTD, WHCLY MTX, CALC, MOD HD, W/ DK & OCC GN GRS INCL, MIC, COAL, SLTY-SS, V.P VIS POR. ACC: FW MASS CALC.		
3400	3410	80	CLYST	LTGY & MNR GY, SAME AS ABOVE.		
		10	SS	WH, MOSTLY VF GR, W. SRTD, CLY MTX, CALC, MOD HD, OCC DK GRS, MIC & COAL, V.P VIS POR.	N.F	
		10	SLTST	SLGY/SHWH, SBBLY, CALC, W/MIC, DK & GN MINS INCL, MOD FRM. ACC: FW MASS CALC.		
3410	3430	70	CLYST	LTGY, MNR GY, SBBLY, MNR SBPLY, MICR MIC, MICR CARB, NON CALC, SLTY IN PT, SFT.	N.F	
		20	SS	WH & MNR SLGY/SHWH, 100% VF GR, V. OCC FGR, W. SRTD WHCLY MTX, CALC MOD FRM IN PT, MOD HD, W/ DK & FW GN GRS INCL, OCC MIC & LAM COAL INCL, SLTY-SS, P. VIS POR.		
		10	DOL	BEIGE, SBBLY, NON CALC, MICR CARB, W/CALCITE VEINS, MOD HD. ACC: FW MASS CALC.		
		90	CLYST	LTGY, MNR GY, SBBLY, MNR SBPLY, V. MICR MIC, MICR CARB, W/ LAM COAL INCL, NON CALC, OCC W/ DOLOHITE INCL, SFT TO MOD FRM IN PT.	N.F	
3430	3470	10	DOL	BEIGE, MNR TAN, SBBLY, NON CALC, MICR CARB, MOD HD. ACC: FW MASS CALC & COAL.		
		80	CLYST	LTGY, MNR GY, SBBLY, NON CALC, MICR MIC, MICR CARB, W/ LAM COAL INCL, SFT TO MOD FRM.	N.F	
		10	SLTST	GY, SBBLY, CALC, W/MIC, CARB MAT INCL, OCC GN MINS INCL, FRM.		
		10	DOL	BEIGE SAME AS ABOVE. ACC: FW MASS CALC.		

WELL: LO 16-20.

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
3060	3090	80	CLYST	Gy, MNR LT GY, SBBLKY, MNR SBPLTY, NON CALC, V. MICR MIC	N.F	
		20	DOL	MICR CARB, W/LAM COAL INCL, SLTY IN PT, SFT TO MOD FRM. TAN & MNR BEIGE, BLKY. SBBLKY, V. SL CALC, MICR CARB, OCC FRCT FILLED W/CALC VEINS, MOD HD. ACC: FW MASS CALC & MICR FOSS.		
3090	3120	70	CLYST	Gy, MNR LT GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, V. MICR CARB, OCC LAM PYR COAL, SLTY IN PT, SFT TO V. SFT.	N.F	
		30	DOL	TAN & MNR BEIGE SAME AS ABOVE. ACC: FW MASS CALC.		
3120	3140	60	CLYST	LT GY, SBPLTY, MNR SBBLKY, NON CALC, MICR MIC, SL MICR CARB, SLTY IN PT, SFT.	N.F	
		40	DOL	TAN & MNR BEIGE, SBBLKY, SL CALC, MICR CARB, OCC W/LAM COAL INCL, MOD HD. ACC: FW MASS CALC.		
3140	3180	80	CLYST	LT GY & Gy, V. OCC BRN'SH Gy, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, LAM PYR COAL INCL, SLTY, SFT TO V. SFT.	N.F	
		20	DOL	BEIGE, SBBLKY, V. SL CALC, MOD HD. MICR CARB IN PT W/CALC VEINS. ACC: FW MASS CALC.		
3180	3240	90	CLYST	LT GY, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SLTY IN PT, SFT, MNR MOD FRM.	N.F	
		10	DOL	BEIGE, SBBLKY, NON CALC, HD, OCC MICR CARB. ACC: FW MASS CALC & COAL.		
3240	3260	80	CLYST	LT GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, SLTY IN PT, SFT.	N.F	
		20	DOL	TAN & MNR BEIGE, SBBLKY, MICR CARB. OCC LAM COAL INCL, V. SL CALC, HD. ACC: FW MASS CALC.		
3260	3300	90	CLYST	LT GY, MNR Gy, SBBLKY - SBPLTY, NON CALC, V. MICR MIC, V. MICR CARB, W/LAM COAL INCL, SLTY, SFT, MNR V. SFT.	N.F	
		10	DOL	BEIGE, MNR TAN, SAME AS ABOVE. ACC: FW MASS CALC.		
3300	3360	80	CLYST	LT GY & Gy, SBPLTY - SBBLKY, NON CALC, V. MICR MIC, MICR CARB, OCC LAM COAL INCL, SLTY, SFT.	N.F	

Logger: T. MORALES - P. T. A. N

Date: APRIL 27th, 1995

WELL: LO16-20

AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
2730	2760	90	CLYST	V.P. VIS POR. ACC: FW DOL. <u>CHACRA FM TOP AT 2730 MD 2491'SS; 5:788' W:233'</u> LTGY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, N.F. OCC LAM COAL INCL, SLTY IN PT, SFT, MNR V. SFT.		
		10	SS	LTGY, 100% VF GR, W. SRTD, SLTY & CLY HTX, NON - V. SL CALC, MOD FRM, W/DK, GN & FW RD SHGRS, DRTY, SLTY - SS, V.P. VIS POR. ACC: FW DOL.		
2760	2790	100	CLYST	LTGY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, N.F. OCC LAM COAL INCL, SLTY IN PT, SFT, MNR V. SFT. ACC: FW DOL & MASS CALC.		
2790	2850	80	CLYST	LTGY & MNR GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, W/LAM COAL INCL, SLTY IN PT, SFT, MNR MOD FRM. N.F.		
		10	DOL	BEIGE, SBBLKY, V. SL CALC, MICR CARB, CONCH FRACT, MOD HD.		
		10	SLTST	GY, SBBLKY, CALC, W/MIC COAL, DK & GN MINS INCL, MOD FRM. ACC: FW MASS CALC & MICR FOSS.		
2850	2910	90	CLYST	LTGY & GY, SBPLTY, MNR SBBLKY, NON CALC, V. MICR MIC, MICR CARB, W/LAM COAL INCL, SLTY IN PT, SFT. N.F.		
		10	DOL	BEIGE, MNR TON, SBBLKY, V. SL CALC, MICR CARB, CONCH FRACT, MOD HD, ACC: FW MASS CALC.		
2910	3030	70	CLYST	LTGY & GY, SBPLTY - SBBLKY, NON CALC, V. MICR MIC, MICR CARB, N.F. OCC LAM COAL INCL, SLTY IN PT, SFT, MNR V. SFT.		
		20	DOL	BEIGE, SBBLKY, V. SL CALC, V. MICR CARB IN PT, OCC DUSTY PYR SCAT, MOD HD.		
		10	SS	WH & SLGY SHWH, 100% VF GR, W. SRTD, WH CLY HTX, CALC, MOD HD, FRM IN PT, W/GN & FW DK GRS INCL, MIC & OCC LAM COAL INCL, SLTY - SS, V.P. VIS POR. ACC: FW MASS CALC & MICR FOSS.		
3030	3060	90	CLYST	GY, MNR LTGY, SBBLKY, MNR SBPLTY, NON CALC, V. MICR MIC, MICR CARB, W/LAM COAL INCL, SLTY IN PT, SFT TO MOD HD. N.F.		
		10	DOL	TON & MNR BEIGE, BLKY - SBBLKY, V. SL CALC, MICR CARB, OCC FRACT FILLED W/CALC, MOD HD. ACC: FW MASS CALC.		

WELL: L016-20 AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
		10	SLTST	2 WHSH GY, SBBLKY, CALC, W/MIC, COAL & OCC GN MINS INCL; GRAD TO SLTY-SS IN PT, MOD FRM. ACC: FW DOL, MICR FOSS, PYR COAL.		
2340	2398	100	CLYST	BRN, MNR LT BRN, SBPLTY, MNR SBBLKY, SL CALC-CALC SL MICR MIC, MICR CARB, OCC LAM PYR COAL & DUSTY PYR SCAT, SOME SL BENT, SFT, MNR MOD FRM. ACC: FW DOL, PYR COAL, TRAMOR GLAUC, MICR FOSS. TRIP FOR. CHANGE: BIT 12 1/4" & ASSY.	N.F	
2398	2460	100	CLYST	BRN, SBPLTY, MNR SBBLKY, CALC, SL MICR CARB, W/LAM PYR COAL INCL, OCC DUSTY PYR SCAT, SLTY IN PT, FW W/ GN MINS INCL, MOD FRM, MNR SFT. ACC: FW DOL & MICR FOSS.	N.F	
2460	2550	90	CLYST	BRN, SBPLTY-SBBLKY, SL CALC, CALC IN PT, MICR CARB, SL MICR MIC, OCC LAM PYR COAL INCL & DUSTY PYR SCAT, SLTY IN PT, MOD FRM, MNR SFT.	N.F	
		10	SLTST	SL WHSH GY, SBBLKY, CALC, W/MIC, COAL & OCC GN MINS INCL, MOD FRM. ACC: FW DOL & MICR FOSS.		
2550	2640	100	CLYST	BRN, MNR LT BRN, SBBLKY-SBPLTY, SL CALC, SL MICR-MIC MICR CARB, V. OCC DUSTY PYR SCAT, SLTY IN PT, MOD FRM, MNR SFT. ACC: FW DOL & MASS CALC.	N.F	
2640	2670	90	CLYST	BRN, SBBLKY, MNR SBPLTY, CALC, V. OCC MICR MIC, MICR- CARB, W/LAM PYR COAL INCL & DUSTY PYR SCAT, SLTY IN PT, MOD FRM, MNR SFT.	N.F	
		10	SLTST	SL WHSH GY, SBBLKY, CALC, W/MIC, COAL & OCC GN MINS INCL, FRM. ACC: FW DOL.		
2670	2700	60	CLYST	BRN, SBBLKY, MNR SBPLTY, SL CALC, MICR MIC, MICR CARB W/LAM COAL INCL, SLTY IN PT, MOD FRM. SOME LT GY CLYST.	N.F	
		40	SS-	GY SHWH, 100% V.F GR, V.W. SRTD, SLTY HTX, CALC, MOD HD, FRM IN PT, W/DK, GN & FW RD'SH GR, OCC MIC & LAM COAL INCL, SLTY-SS, DRTY, V.P VIS POR. ACC: FW DOL & MASS CALC.		
2700	2730	70	CLYST	BRN & MNR LT GY SBPLTY, NON CALC, MICR MIC, MICR CARB OCC LAM COAL INCL, SLTY, SFT.	N.F	
		30	SS-	LT GY, 100% V.F GR, W. SRTD, SLTY & CLY HTX, NON-V. SL CALC, MOD FRM, W/DK, GN & FW RD'SH GR, DRTY, SLTY-SS		

Logger: T. MORALES-POETA

Date: APRIL 27th, 1995.

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
2050	2080	100	CLYST	BRN, SEPLTY, MNR SBELKY, SL MICR MIC, MICR CARB, SL CALC OCC DUSTY PYR SCAT, SLTY, FW GN MINS INCL, SFT. ACC: FW MASS CALC & DOL.	N.F	
2080	2110	80	CLYST	BRN, SBELKY-SBPLTY, SL CALC, OCC MICR MIC, MICR CARB, W/LAM COAL INCL & DUSTY PYR SCAT, OCC GN MINS INCL, SLTY IN PT, SFT, MNR MOD FRM.	N.F	
		20	SD	HYALWH, MNR MLKYWH QTZ, 100% F-M GRS, W. SRTD, SBANG -MNR SBEND, MOD CLEAN, SOME SMOKE & GN GRS (KAVING) ACC: FW MASS CALC & DOL.		
2110	2140	90	CLYST	BRN, SBELKY-SBPLTY, SL CALC, MICR MIC, MICR CARB, OCC LAM COAL & GN MINS INCL; SLTY IN PT, SFT TO MOD FRM.	N.F	
		10	SITST	BRN'SHGY, SBELKY, CALC, W/MIC, COAL, GN MINS INCL, OCC GRAD TO SLTY-SS, MOD FRM. ACC: SAME AS ABOVE.		
2140	2200	100	CLYST	BRN, SBELKY, MNR SBPLTY, SL CALC-CALC, SL MICR- MIC, MICR CARB, DUSTY PYR SCAT, OCC LAM PY COAL INCL, SLTY IN PT, SFT, MNR V. SFT. ACC: FW DOL, MICR FOSS.	N.F	
2200	2230	90	CLYST	BRN & MNR BRN'SHGY, SBELKY-SBPLTY, CALC, SL MICR MIC & MICR CARB, OCC DUSTY PYR SCAT, GRAD TO SLTY-CLYST, SFT, MNR MOD FRM.	N.F	
		10	SD	HYALWH, MNR MLKYWH QTZ, 100% F & OCC MGRS, W. SRTD, SBANG, MNR SBEND, CLEAN, SOME GN GRS. ACC: FW DOL & MASS CALC, TR MICR FOSS.		
2230	2280	80	CLYST	BRN, SBELKY-SBPLTY, CALC, SL MICR MIC & MICR CARB, OCC DUSTY PYR SCAT, W/LAM PY COAL INCL, SFT, MNR MOD FRM.	N.F	
		10	SD	HYALWH, MNR MLKYWH QTZ, SAME AS ABOVE.		
		10	SS	SLWV'SHGY, 100% VF-F, GRS, W. SRTD, SLTY & OLY HTX, CALC, MOD HD, FR IN PT, W/DK & GN GRS INCL, OCC MILS LAM COAL INCL, V.P. VIS POR. ACC: FW DOL & MASS CALC, TR MICR FOSS.		
2280	2340	90	CLYST	BRN, SBELKY, MNR SBPLTY, SL CALC, OCC MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, V. OCC LAM COAL INCL, SFT, MNR MOD FRM.	N.F	

Logger: T. MORELES-PALTA

Date: APRIL 26TH, 1995.

WELL: L016-20 AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
1780	1840	100	CLYST	BRN, MNR LT BRN, SBPLY, MNR SBPLY, SL CALC, SL MICR MIC, MICR CARB, DUSTY PYR SCOT IN PT, SLTY, SFT, MNR MOD FRM. ACC: FW MASS PYR & MICR FOSS.	N.F	
1840	1870	80	CLYST	BRN, MNR LT BRN, SOME AS ABOVE, OCC W/LAM COAL INCL, SLTY, SFT, MNR MOD FRM.	N.F	
		10	SD	HYAL WH, MNR MLKY WH STZ, 100% VF FGR, W SRD, 2BAND, MNR SBRND, MOD CLEAN, OCC DK GY & GN GRS.		
		10	SS.	SL GN SH WH, 100% VF-FGR, W SRD, SLTY & KDO HTX, CALC MOD HD, W/DK & GN GRS INCL, MIC, V.P VIS POR. ACC: FW DOL & MICR FOSS.		
1870	1900	90	CLYST	BRN, MNR LT BRN, SBPLY, MNR SBPLY, SL CALC, OCC MICR MIC, MICR CARB, SOME W/DUSTY PYR SCOT & GN MINS INCL, SLTY IN PT, SFT, MNR MOD FRM.	N.F	
		10	SS.	SL GY SH WH, 100% VF GR, W. SRD, WH CLY MTX, OCC SLTY MTX, V. CALC, FRI, MOD HD IN PT, W/DK & FW GN GRS INCL, OCC MIC, SLTY-SS, DRTY IN PT, V.P VIS POR. ACC: FW MASS CALC & DOL.		
1900	1930	80	CLYST	BRN, MNR LT BRN, SBPLY-SBPLY, V. SL CALC, MICR CARB. SAME AS ABOVE. SFT.	N.F	
		10	SD.	HYAL WH, MNR MLKY WH STZ, 100% VF GR, OCC F & M GR, W. SRD, MOD CLEAN, FW GN & Rd SH GRS.		
		10	SS.	G' SH WH, 100% VF GR, W. SRD, WH CLY MTX, SLTY MTX IN PT, V. CALC, FRI, MOD HD IN PT, W/DK GR INCL, OCC MIC, FW PYR-SS, V.P VIS POR. ACC: FW MASS CALC, PYR COAL & MICR FOSS.		
1930	1990	90	CLYST	BRN, MNR BRN SH GY, SBPLY, MNR SBPLY, V. SL CALC SL MICR MIC, MICR CARB, DUSTY PYR SCOT, FW W/ GN MINS & LAM COAL INCL, SLTY IN PT, SFT, MNR MOD FRM.	N.F	
		10	SS.	G' SH WH, 100% VF, OCC FGR, W SRD, WH CLY MTX, SLTY MTX IN PT, V. CALC, FRI, MOD HD IN PT, W/DK GR INCL, OCC MIC, SLTY-SS, V.P VIS POR. ACC: FW MASS CALC, DOL & MICR FOSS.		
1990	2050	100	CLYST	BRN, MNR BRN SH GY, SBPLY, MNR SBPLY, V. SL CALC SL MICR MIC, MICR CARB, DUSTY PYR SCOT, FW W/LAM PYR COAL & OCC GN MINS INCL, SLTY-CLYST IN PT, SFT, MNR MOD FRM. ACC: FW DOL, & MICR FOSS, MASS CALC.	N.F	

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
1630	1660	40	SD.	HYAL WH, MNR MLKY WH QZ, OCC LITHIC FRAGTS, 20% F, 40% M, 30% VC-C, 10% GRN LGR, FR-P. SORTD, SBRND, V. MNR SBANG, CONGLOMERATE SD IN PT, FW QZ W/ CLV HATON SURF. OBDT. GN, LTGN GRS, MNR, DK GY, RD SH GRS.	N.F	
		40	SS.	SLGN GY SH WH, 80% VF-F, 20% F. M GRS, W. SRTD, SBANG-SBRND, SLTY & WH CLY MTX, V. CALC, W/ GN & FW DK & BRN GRS INCL, OCC MIC & PY-SS IN PT, DRTY, V.P. VIS POR.		
		20	CLYST	BRN & MNR LT BRN, SBLKY, V. SL CALC, MICR CARB, OCC DUSTY PYR SCAT, SFT. ACC: FW MASS PYR & DOL.		
1660	1690	50	SS	SLGN SH WH & MNR SLGN GY SH WH, 70% F-F, 30% F. M, OCC C GRS, W. SRTD, SBANG-SBRND, SLTY & OCC KAO MTX, V. CALC, W/ GN GRS, OCC MIC & LAM PYR COAL INCL, MOD HD, FRI IN PT, SLTY-SS, DRTY, V.P. VIS POR.	N.F	
		30	SD.	HYAL WH, MNR MLKY WH QZ, OCC LITHIC FRAGTS, MOSTLY M-C GR, MNR VC-GRN LGR, FR-SRTD, SBRND, MNR SBANG, MOD CLEAN, SOME GN, LTGN, BRN & FW DK GY GRS.		
		20	CLYST	BRN & MNR LT BRN, SBLKY, V. SL CALC, SAME AS ABOVE. ACC: FW MASS CALC & DOL.		
1690	1720	70	CLYST	BRN, SBLKY, MNR SBPLTY, SL CALC, OCC MICR MIC, OCC MICR CARB, DUSTY PYR SCAT, SLTY IN PT, FW GN & BRN. MINS INCL, SFT.	N.F	
		20	SD	HYAL WH, MNR MLKY WH QZ, MOSTLY M-LGR. SAME AS ABOVE.		
		10	SS	SLGN SH GY WH, 100% VF F GR, W. SRTD, SLTY & CLY MTX, CALC, MOD HD, FRI IN PT, W/ GN, BRN GRS INCL, OCC MIC & LAM COAL INCL, SETV-SS, V. DRTY, V.P. VIS POR. ACC: FW DOL & MASS. PYR.		
1720	1780.	90	CLYST	BRN & MNR LT BRN, SBLKY, MNR SBPLTY, SL CALC, OCC MICR MIC, MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, FW GN MINS INCL, SFT.	N.F	
		10	SLTST	BRN SH GY, SBLKY, SL CALC, W/ MIC, LAM COAL, OCC GN & BRN MINS INCL, GRAD TO SLTY-SS IN PT, MOD SFT MNR MOD FRH. ACC: FW MASS CALC & MICR FOSS.		

WELL: LO 16-20 AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
1480	1510	60	SD	CSG 133/8" SHOE @ 1489'		
				HYALWH, MNR MLKY WH QTZ, 20% VF, 40% F, 40% M, OCC GRS	N.F	
				W. SRTD, SB RND-SB ANG, MOD CLEON, SOME GN, LT GN & FW BRN GRS		
		30	SS	SLGN'SHWH, 100% VF-F&R, W. SRTD, WHOLY MTX, OCC SLTY MTX NON-SL CALC IN PT, MOD HD, W/DK & BRN GRS INCL		
				OCC MIC, SLTY-SS IN PT, P. VIS POR.		
		10	CLYST	BRN & BRN'SH G, SB BLKY, MNR SEPTLY, V. SL CALC, MICROGRS, OCC LAM COAL INCL, SFT.		
				ACC: FW DOL. NOTE: 40% OF CEMENT ON SAMPLE.		
1510	1570	70	SD	HYALWH, MNR MLKY WH QTZ, FRAGTS LITHIC (10%), 30% M, 30% C, 30% VC, 10% GRNL, P-FR SRTD, PRED SB RND, FW QTZ W/CLY MAT ON SURF, ABBT GN & LT GN, SOME BRN & DK GRS, OCC CHERT. GRAD TO COMGLOMERATY SD IN PT.	N.F.	
		20	SS	GN'SHWH, 60% VF-F, 40% F-M, GRS, W-FR SRTD, SLTY & CLY MTX, OCC WH CLY MTX (KOO), V. CALC, MOD HD TO FRI IN PT, W/ GN & DK GRS INCL, OCC MIC & LAM PY COAL INCL, DETY P. VIS POR.		
		10	CLYST	BRN, SB BLKY, SAME AS ABOVE, SLTY INPT & OCC DUSTY PYR SCAT, SFT.		
				ACC: FW MOSS PYR. SOME LMST: BEIGE & MUDSTONE.		
1570	1600	60	SD	HYALWH, MNR MLKY WH QTZ, SOME LITHIC FRAGTS, 10% F, 30% M, 30% C, 20% VC, 10% GRNL, P-FR SRTD, PRED SB-RND, MOD CLEON, ABBT GN & LT GN GRS, MNR DK G & BRN GRS, OCC CHERT, GRAD TO COMGLOMERATY SD IN PT.	N.F	
		30	SS	GN'SH GY WH, 70% VF-F, 30% F-M, OCC CGRS, FR SRTD, SLTY & CLY MTX, V. CALC, MOD HD TO FRI IN PT, COM GN & BRN GRS INCL, OCC MIC & FW LAM PY COAL INCL, V. DETY V.P. VIS POR.		
		10	CLYST	BRN, SAME AS ABOVE. SOME BEIGE LMST (MUDSTONE) OCC W/LAM PYR COAL INCL.		
				ACC: FW MOSS PYR.		
1600	1630	60	SD	HYALWH, MNR MLKY WH QTZ, OCC LITHIC FRAGTS, MOSTLY M-VC GRS, 10% GRNL, FR SRTD, PRED REND-SERND, COMGLOMERATY SD IN PT, COM GN & LT GN GRS, MNR DK G & BRN'SH GY GRS, FW CHERT.	NF	
		40	SS	GN'SH GY WH, SAME AS ABOVE, MNR, GY'SHWH, 100% VF-F GR, W. SRTD, SLTY & OCC KOO MTX, V. CALC, W/ FW GN & DK GRS, OCC MIC & LAM PYR COAL INCL, SLTY SS, V. P. VIS POR.		
				FW BEIGE LMST.		
				ACC: FW DOL & MOSS PYR.		

WELL:..... LO 16-20 AREA:..... LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
1360	1390	10	CLYST	PT, V. CALC. MOD HD, FRI IN PT, W/ GN, BRN & BRICK GRS INCL, OCC MIC, LAM PYL COAL, SOME PY SS, SL DRTY, P-FE VIS POR. BRN, HNR LT BRN, SBELKY, HNR SBPLTY, V. SL CALC, V. OCC MICR MIC, LAM COAL INCL, SLTY IN PT, SFT. ACC: MASS CALC & PYR.		
		40	SS	SL GN'SH WH, 30% VF, 50% F, 20% M, OCC CGRS, W-FESRTD SLTY & CLY MTX, V. CALC, MOD HD, FRI IN PT, W/ GN, BRN GRS INCL, OCC MIC & LAM PYL COAL INCL, DRTY P.V. VIS POR.	N.F	
		30	SD	HYAL WH, HNR MLKY WH STZ, 20% F, 40% M, 30% C, 10% VCGRS. FR SRTD, SBEND, HNR SLANG, MOD CLEAN, W/ GN, DK, BRN & RD'SH GRS.		
		30	CLYST	BRN, HNR LT BRN, SAME AS ABOVE. ACC: FW MASS CAL & DOL.		
1390	1420	60	CLYST	BRN, HNR LT BRN, SBELKY, HNR SBPLTY, V. SL CALC, V. OCC MICR CARB, OCC LAM COAL INCL, DUSTY PYR SCAT IN PT, SFT.	N.F	
		30	SS	SL GN'SH WH, 90% VF-F, 10% F-M GRS, W-SRTD, SLTY MTX CALC, MOD HD, FRI IN PT, W/ GN, BRN GRS, MIC & LAM PYL COAL INCL, DRTY, V.P. VIS POR.		
		10	SD	HYAL WH, HNR MLKY WH STZ, MOSTLY F & M GR, W-SRTD, SBEND, MOD CLEAN. COM GN & FW BRN, DK GRS. ACC: FW MASS PYR, DOL, TRATOR GLAUC.		
		40	SD	HYAL WH, HNR MLKY WH STZ, 30% F, 50% M, 20% C-VC, OCC GRNL, FR SRTD, MOD CLEAN, SBEND - END, SOME LITHIC FRAGTS & CHERT, COM GN, BRN, DK & BRICK RD GRS.	N.F	
1420	1450	40	CLYST	BRN, HNR LT BRN, SAME AS ABOVE.		
		20	SS	GN'SH WH, 70% VF-F, 30% F-M, W-SRTD, SLTY & OCC WHCLY MTX, CALC, MOD HD, FRI IN PT, W/ COM GN, BRN & RD'SH GRS INCL, OCC MIC (MUSC) & PY COAL INCL, DRTY IN PT, P.VIS. POR. ACC: FW MASS PYR, DOL, MASS CALC.		
		70	SD	HYAL WH & HNR MLKY WH STZ, SOME LITHIC FRAGTS, 20% F, 30% M, 30% C, 10% VC, 10% GRNL GRS, FR SRTD, PRE D SBEND, GRAD TO CONGLOMERATY SD IN PT, COM GN & BRN GRS.	N.F	
		10	CLYST	BRN, HNR LT BRN, SBELKY, HNR SBPLTY, V. SL CALC, V. OCC MICR CARB, OCC LAM COAL INCL. DUSTY PYR SCAT IN PT, SFT.		
1450	1480	10	SS	GN'SH WH, MOSTLY F & OCC MICR, W-SRTD, SLTY MTX, CALC, MOD HD, W/ COM GN, BRN GRS INCL, DRTY, P.VIS POR. ACC: FW MASS PYR, DOL.		

WELL: L016-20

AREA: LOBITOS OFF SHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
1150	1180	40	SS.	SLGN'SHWH, 80/VF-F, 20/F-M, W SRTD, SB ANG-SERND, SLTY & CLY HTX, CALC. MOD HD, FR IN PT, W/GN & DK GRS INCL, OCC MIC, DRTY IN PT, P.VIS POR.		
		20	CLYST	BRN, MNR LT BRN, BLKY-SERBLKY, NON-SL CALC IN PT W/ LAM COAL INCL, OCC DUSTY PYR SCAT, SFT. ACC: FW MASS CALC, PYR COAL, DOL.		
		50	CLYST	BRN, MNR LT BRN, SBBLKY, NON CALC, MICR CLARE, OCC LAM COAL INCL, DUSTY PYR SCAT, SLTY IN PT, SFT.	N.F	
		40	SS	SLGN'SHWH, 100/VF-F GR, W.SRTD, SLTY HTX, OCC WHOM HTX, CALC-Y.CALL, MOD HD FR IN PT, W/MIC, COAL & GN, DK GRS INCL, SLTY-SS IN PT, DRTY, P.VIS POR.		
1180	1240	10	SD.	HYALWH STZ, MOSTLY F-M GR, FR-W.SRTD, SERND/SB-ANG, MOD CLEAN. SOME GN, DK & RD'SH GRS. ACC: FW MASS CALC, PYR COAL, TR AMOR GLAUC.		
		40	SS	SLGN GN'SHWH, 20/VF, 60/F, 20/M GR, W-FR SRTD, SBANG-SERND, SLTY & CLY HTX, V.CALL, MOD HD, FR IN PT, W/ABT GN, OCC DK & BRN GRS INCL, OCC MIC & LAM COAL INCL, DRTY IN PT, P.VIS POR.	N.F	
		40	CLYST	BRN, MNR LT BRN, SAME AS ABOVE.		
		20	SD	HYALWH & MNR HLKYWH STZ, 50/F, 50/M, V.OCC CGRS, W.SRTD, SERND-SBANG, ABT GN, RD'SH & BRN GRS. ACC: FW MASS CALC, PYR COAL, TR AMOR GLAUC.		
1240	1300	60	SD	HYALWH & MNR HLKYWH STZ, 40/M, 40/C, 20/V.C, OCC GENL, FR SRTD, PRED SERND, MNR RND, W/DK, GN, BRN & FW SMOKE GRS; SOME LITHIC FRAGTS & CHERT, GRAD TO. COMGLOMERATY SD IN PT.	N.F	
		30	SS.	GN'SHWH MNR SLGN GN'SHWH, 20/F, 50/M-C, 30/C-V.C, OCC GENL, SERND-SBANG, FR SRTD, WH CLY HTX IN PT, OCC SLTY HTX, V.CALL, MOD HD, FR IN PT, W/GN & BRN GRS INCL, V.OCC LAM COAL & MIC INCL, SL DRTY IN PT, FR-P.VIS POR.		
		10	CLYST	BRN & MNR BRN'SH GY, SERBLKY, MNR SERLT, V SL CALC IN PT MICR CORB, OCC DUSTY PYR SCAT, SFT, MNR MOD FRM. ACC: FW MASS CALC, PYR COAL & PYR.		
		70	SD.	HYALWH & MNR HLKYWH, LITHIC FRAGTS (20%), 10/F, 30/M, 30/C, 30/V.C-GENL, FR-P.SRTD, PRED SERND, MNR RND, COMGLOMERATY SD IN PT, COM GN, BRN GRS, SOME DK, RD'SH & CHERT GRS.	N.F	
1300	1360	20	SS.	GN'SHWH MNR SLGN GN'SHWH, 10/VF, 50/F, 20/M, 30/C, 10/V.C-GENL GRS, SERND-SBANG, FR SRTD, WH CLY HTX IN		

Logger: T. MORALES-PBETAN

Date: APRIL 23RD, 1995.

WELL:.....LO16-20..... AREA: LOBITOS OFFSHORE.....

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
940	1000	30	SS	SLGN GYSHWH, 80/VF-F, 20/F-M GR, W. SETD, SBANG-SBRND, SLTY MTX, V. CALC, MOD HD, W/GN, DK GRS INCL, MIC, LAM COAL INCL, SLTY-SS, V. DRTY IN PT, V.P. VIS POR.		
		10	SD	HYALWH & MNR HLKYWH QTZ, 30/VF, 50/F, OCC CGRS, 20/M GRAINS, AEST GN, MNR DK GRS, SBANG-SBRND, ACC. FW MASS CALC, COAL.		
		80	CLYST	BRN, MNR LT BRN, SBLKY, MNR SBPTY, CALC, MICR MIC, OCC MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, SFT.	N.F	
		20	SS	SLGN GYSHWH SAME AS ABOVE. MNR SLGYSHWH 100/VF-F GR, W. SETD, SLTY MTX, CALC, W/MIC, COAL INCL, MOD HD, OCC DK GRS INCL, SLTY-SS, V.P. VIS POR, ACC. FW PY COAL & MASS CALC, TR. AMOR GLAUC.		
1000	1030	90	CLYST	BRN, MNR LT BRN, SBLKY, MNR SBPTY, SL CALC IN PT, MICR CDRS, W/LAM COAL INCL, OCC DUSTY PYR SCAT, SFT, V. SFT IN PT.		
		10	SS	SLGN GYSHWH SAME AS ABOVE. ACC. FW DOL.		
1030	1060	60	CLYST	BRN & MNR LT BRN, SBLKY-SBPTY, V. SL CALC, MICR CARB, OCC. DUSTY PYR SCAT & LAM COAL INCL, SFT.	N.F	
		20	SD	HYALWH, MNR HLKYWH QTZ, 10/VF, 50/F, 30/M, 10/C OCC V.C GRS, SBRND-SBANG, FR. SETD, COM GN & SOME DK GRS.		
		20	SS	SLGN GYSHWH, 100/F, OCC MGRS, W. SETD, SLTY MTX, CALC, MOD HD, FR IN PT, W/GN, DK GR INCL, OCC MIC & COAL, SLTY-SS IN PT, DRTY, P. VIS POR, ACC. FW PY COAL, MASS CALC, MIC.		
1060	1120	40	CLYST	BRN & MNR LT BRN SAME AS ABOVE	N.F	
		30	SD	HYALWH & MNR HLKYWH QTZ, 30/VF-F, 40/F-M, 20/M-C, 10/C-V.C GRS, FR SETD, SBANG/SBRND, COM GN, MNR DK & BRN GRS.		
		30	SS	SLGN'SH WH, 30/VF, 50/F, 20/M GRS, SLTY & OCC WH CLY MTX, V. CALC, MOD HD, FR IN PT, W/GN, DK & OCC BRICKS GRS INCL, OCC DRTY. P. VIS POR, ACC. FW MASS CALC, DOL, PY COAL, AMOR GLAUC.		
1120	1150	40	SD	HYALWH, MNR HLKYWH QTZ, 20/VF-F, 40/F-M, 30/M-C, 10/C-V.C GRS, FR-P. SETD, SBRND-SBANG, COM GN, MNR DK & BRN GRS.	N.F	

Logger: T. MORALES-POETBW

Date: APRIL 22TH 1995.

WELL: L016-20

AREA: LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
730	760	70	CLYST	BRN, SBELKY, MNR SBPTY, NON - SL CALC IN PT, MICR CARB	N.F	
				OCC LAM COAL INCL, SLTY IN PT. SFT.		
		20	SS	GN 64'SHWH, 90'/VF-F, 10'/F-M GR. W. SRTD, SLTY MTX.		
				V. CALC, MOD HD, FRI IN PT, W/ GN, MNR DK GRS INCL, OCC		
				MIC, DRTY IN PT, P. VIS POR.		
		10	SD	HYALWH, MNR MLKY WHSTZ, 90'/VF-F, 10'/H GR, W. SRTD		
				SBANG- SBRND, MOD CLEAN, COM. GN, FW DK GRS.		
				ACC: FW DOL.		
760	790	50	CLYST	BRN, SBELKY, MNR SBPTY, NON - V. SL CALC IN PT,	N.F	
				MICR CARB, OCC LAM COAL INCL, DUSTY PYR SCAT, SFT.		
		30	SS	GN 64'SHWH, 30'/VF, 50'/F, 20'/H GRS, W. SRTD,		
				SLTY MTX, V. CALC, MOD HD, FRI IN PT, W/ GN, MNR DK GRS		
				INCL, OCC MIC, DRTY, P. VIS POR.		
		20	SD	HYALWH, MNR MLKYWH STZ, 30'/VF, 60'/F, 10'/H GR, W.		
				SRTD, SBANG- SBRND, SOME GN & DK GRS.		
				ACC: FW DOL. MASS CALC.		
790	850	80	CLYST	BRN, MNR LT BRN, SBELKY, NON CALC, MICR CARB, OCC	N.F	
				LAM PYR COAL INCL, OCC DUSTY PYR SCAT, SFT.		
		20	SS	GN 64'SHWH, 80'/VF-F, 20'/F-M GRS, W. SRTD, SLTY		
				MTX, OCC KAO MTX, V. CALC, MOD HD, FRI IN PT, W/ GN,		
				DK GR INCL, OCC COAL, MIC & TR GLAUC GR INCL, DRTY		
				IN PT. P. VIS POR.		
				ACC: FW DOL.		
850	880	100	CLYST	BRN SH 64, MNR BRN, SBELKY, MNR SBPTY, CALC, MICR-	N.F	
				MIC, OCC MICR CARB, OCC DUSTY PYR SCAT, SLTY IN PT, OCC		
				BENT, SET, MNR V. SFT.		
				ACC: -		
880	910	80	CLYST	BEN / MNR LT BRN, BLKY, SBELKY, CALC, OCC MICR CARB,	N.F	
				DUSTY PYR SCAT, BENT, SLTY IN PT, SFT.		
		20	SS	SL GN WH'SH 64, MNR 64'SHWH, 70'/VF-F, 30'/F-M GRS,		
				W. SRTD, SLTY MTX, V. CALC, MOD HD, W/ DIC. GN & BRICKS		
				GRS INCL, MIC, OCC LAM COAL INCL, SLTY-SS, V. DRTY, Y.P.		
				VIS POR.		
				ACC: FW MASS CALC & DOL.		
910	940	60	CLYST	BRN, LT BRN, BLKY, SBELKY, CALC, OCC MICR CARB,	N.F	
				DUSTY PYR SCAT, SLTY IN PT, BENT, SFT.		

Logger: T. MORALES-POETAN

Date: APRIL 22TH 1995.

WELL:..... L016-20 AREA:..... LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTION

Geologist. Contractor: J.J. Petrolog S.R.L.

FROM	TO	%	Lith	DESCRIPTION	Fluorescence	
					%	Cut & Color
				DRILLING STOPPED ON APRIL 15 TH , 1995 AT 18:00HRS.		
363	520	-	-	NO RECOVERED SAMPLES.		
520	580	80	CLYST	BRN ¹ SHGY, MNR SLGN GY, SBBKLY MNR SEPLTY, NON CALC, SL MICR MIC, MICR CARB, BENT, OCC DUSTY PYR SCOT, SFT.	N.F	
		20	SS	SLGN GY'SHWH & GY'SHWH, 100% VF-F GR, W. SRTD, SLTY HTX, V. CALC, MOD HD, W/ DK & GN GRS, OCC MIC INCL, SLDRTY, V.P. VIS POR.		
				ACC: FW DOL.		
580	610	90	CLYST	BRN & BRN ¹ SHGY, SBBKLY MNR SEPLTY, NON CALC, MICR MIC, DUSTY PYR SCOT, OCC BENT, SFT TO MOD FRM IN PT.	N.F	
		10	SS	SLGN GY'SHWH, 100% VF-F GR, W. SRTD, SLTY HTX, MOD HD, DK & GN GRS INCL, DRTY IN PT, V.P. VIS POR.		
				ACC: FW MASS CALC.		
610	640	100	CLYST	BRN, MNR BRN ¹ SHGY, SBBKLY, MNR SEPLTY, NON-SL CALC IN PT, SL MICR CARB, DUSTY PYR SCOT, BENT, SFT	N.F	
				ACC: FW DOL.		
640	670	80	CLYST	BRN, MNR BRN ¹ SHGY, SBBKLY, MNR SEPLTY, NON-SL CALC, IN PT, DUSTY PYR SCOT, BENT, SFT	N.F.	
		20	SS	GY'SHWH & MNR SLGN GY'SHWH, 80% VF-F, 20% F-M GR, W. SRTD, SLTY & OCC KAO HTX, V. CALC, MOD HD, W/ DK & GN GRS INCL, OCC MIC & PYR INCL, V. DRTY, V.P. VIS POR.		
				ACC: FW MASS CALC.		
670	700	60	CLYST	BRN & BRN ¹ SHGY, SAME AS ABOVE.	N.F	
		30	SS	GN GY'SHWH, MNR GY'SHWH, 20% VF, 80% F, OCC MGRS, W. SRTD, SLTY HTX IN PT, OCC KAO HTX, V. CALC, MOD HD, FRM IN PT, W/ GN & DK GR, OCC MIC, COBL & BRN GRS, DRTY IN PT, P. VIS POR.		
		10	SD	HYDLWH, MNR MLKYWH STZ, 80% VF-F, 20% F-M GR, W. SRTD, SEANG - SEEND, W/ DK & GN GRS.		
				ACC: FW MASS CALC & TR ANDR GLDUC.		
700	730	80	CLYST	BRN, MNR BRN ¹ SHGY, SBBKLY, MNR SEPLTY, NON-SL CALC IN PT, DUSTY PYR SCOT, BENT, SFT	N.F	
		20	SS	GN GY'SHWH, MNR GY'SHWH, SAME AS ABOVE.		
				ACC: FW DOL & TR ANDR GLDUC		

Logger:..... T. MORALES-PIETON

Date:..... APRIL 21TH, 1995