HOLE No. O P2

PASMINCO EXPLORATION
DIAMOND DRILL CORE RECORD

LOCATION	OCEANA
PROJECT	OCEANA
PROSPECT	OCEANA
DESIGNED BY	P.M. QUAYLE
LOGGED BY	P.M. QUAYLE
RELOGGED	
COMMENCED	12-11-1992
COMPLETED	17-12-1992
DRILLED BY	East Coast Drilling
DRILL RIG	LM 38

OBJECTIVE

To test for the along strike extension of the Oceana mineralisation intersected on line 3400-N (local grid). The target was coincident with a magnetic negative and an offset gravity positive anomaly inferred as a zone of alteration and two offset structural features.
The hole was designed to intersect the Moina Sandstone and thus provide information on physical properties and the geometry of the Moina Sandstone.

RESULT

The drill hole intersected the expected lithologies, however no major structures and no significant mineralisation were encountered.

LOCATION/SURVEY DATA (AMG)

Grid	AMG		RL Collar m	193
Northing m	5,357,263.5		Bearing Collar	229.5°
Easting m	362,463.2		Dip Collar	-50
DH Survey Type	EASTMAN SINGLE SHOT		Length Hole m	425

Depth m	Bearing	Dip	Depth m	Bearing	Dip
30	228.5	-51			
60	227.5	-51			
90	227	-50			
120	225.5	-49			
151	224.5	-47.75			
181	223.5	-46.75			
211	223.5	-46			
241	221.5	-43.5			
271	221	-42			
301	220	-39.25			
331	219.5	-36			
361	219.5	-33.25			
391	218.5	-32			

SIGNIFICANT INTERSECTIONS

From m	To m	Interval m						Comments

SIGNIFICANT CORE LOSS

From m	To m	% Lost
-	-	-
-	-	-
-	-	-

POOR GROUND CONDITION ZONES

From m	To m	Condition
-	-	-
-	-	-
-	-	-

HOLE SIZE

Size	Depth m
HW roon	0-25
HQ	0-66
NQ	66-425

HOLE CONDITIONS AFTER COMPLETION

Collar	Sealed Steel Pipe
Steel Casing	25m HW. casing left in hole
PVC Casing	0-420m
Ground Water	Surface
Wedge	-
Drill Pad	Site restored.

PASMINCO EXPLORATI
DIAMOND DRILL CORE L

5 cm

HOLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				0		Crotty Quartzite : white to pale pink massive fine-medium grained, quartz sandstone. Competant rock broken by drilling.	0			CQ			
						Contact : sheared with both quartzite + limestone pug.	3.1		core loss - tr qtz vein				
				3.1		Massive Carbonate : fine grained sst with stylolites. Rock is mostly broken, core loss + pug and bright irregular slick faces. Minor irregular qtz-calc veins. Contact : ? affected by shear zone.	9.1						
				9.1		Sheared breccia zone : zone of very broken rock with lms. gravel chips in pug. still part of sheared contact with Crotty Quartzite. Contact: decrease in deco-position.	24						
				24		Intercalated mudstone/carbonate : mdst <10% - carb fg sst - coarse shell layers - trace stylolites - trace slump shearing - trace calcite veining. Contact: gradational.	28.4		tr calcite veining				
				28.4		Intercalated mdst/carb : mdst >10% - carb fg sst with coarse shell frags - well bedded - bed thickness 3 : 10 cms. Contact : gradational.	33 / 37		sheared broken zone				
				31.1		Intercalated mdst/carb : mdst >10% - cb fg sst with coarse shell frags - stylolitic contact between mdst	44.6		cavity				

5 cm

PASMINCO EXPLORATIO
DIAMOND DRILL CORE LOG

DLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						carb bands (distinct texture) bedding 115° by 90°	46						
						Contact : gradational.			minor low angle calcite veins				
				42.9		Intercalated mdst/carb : mdst <10% – cb fg sst with coarse shell frags – trace stylolites – trace calcite veining. Contact : cavity.	51						
				46.6		Intercalated mdst/carb : mdst >10% – cb fg sst – trace coarse shell beds – well bedded – bed thickness 5:15. Minor low angle calcite veining. Contact : gradational.							
				52.0		Intercalated mdst/carb : mdst <10% – cb fg sst with coarse shell frags – mudstone partings bounded by stylolites to well bedded in part. Bedding 57m = 105° 80°E , 58.5m = 125° 90°							
				83.4		Intercalated mdst/carb : mdst >40% – cb fg sst – well bedded – bed thickness 5:10cms – trace slump shear (lines oblique to banding) trace calcite veining. Contact : gradational.	83.4						
				88.1		Intercalated mdst/carb : mdst <10% – carb fg sst with minor coarse shell frags. Mdst partings with stylolitic contact in part to well bedded in part. Minor calcite veins throfout. Pug zone ~10 cms coincident E loss of water at 99.2m. Minor shear 35-40° to LCA at 108.5m Contact : gradational.	88.1						
							93						

PASMINCO EXPLORATIO
DIAMOND DRILL CORE LO

5 cm

HLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				115		Intercalated mdst/carb : mdst > 50% – cb : large frags of indistinct stromatolites. Contact : gradational	93						
				120.1		Laminated Carbonate : fg sst ± fine mdst partings Contact : gradational.	115		increased calcite veining				
				120.6		Intercalated Carbonate : mdst < 40% – cb fg sst – sculpture mottling ± trace tube mottling to well bedded texture – bed thickness 3 : 15 cms. Contact : gradational.	120.1		minor broken core				
				128.0		Bioclastic debris flow : 20 - 50mm clasts of coral ± stromatolites in intercalated mdst/carb. Minor calcite veining, trace pyrite. Contact : calcite vein possibly small shear.	120.6		trace dolomite/ankerite alt at 115.6m				
				130.0		Intercalated mdst/carb : mdst > 40% – cb fg sst – wellbedded – bed thickness 10 : 10 – bedding 70° to CA Contact : Gradational.	128						
				133.6		Mixed carb/mdst : fine wispy mixing > 40% mdst unusual texture. Contact : Gradational.	130		trace fg diss py+sp				
				137.2		Msv carb : fg sst – minor stylolite - Contact : gradational	133.6						
				137.8		Laminated Carbonate : fine mdstone laminae : Ct : gradational	137.2 / 137.8 / 139.3 / 140						

PASMINCO EXPLORATI[C]

DIAMOND DRILL CORE L[OG]

5 cm

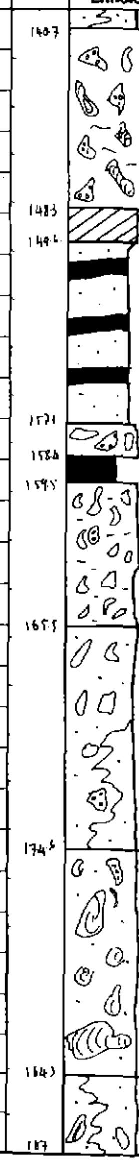
[H]OLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION				CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				139.3		Massive carbonate: fg sst – trace stylolite. Contact: abrupt conformable.					
				140.7		Bioclastic debris flow: large 10-20 cms indistinct corals + stroms. mdst > 10%. Contact: gradational.					
				148.3		Laminated Carbonate (vg): fine mdst laminae in fg sst 65° to LCA + worm trace. Contact: gradational					
				149.6		Intercalated mdst/carb: mdst > 40% – cb fg sst – well bedded – bed thickness 5:5 cms – trace lam, trace slump shear. Contact: abrupt conformable.					
				157.1		Bioclastic debris flow: indistinct 5-10cm strom clasts. in > 10% mdst Contact: abrupt conformable.					
				158.4		Massive mudstone: c̄ minor bioclasts. Contact: abrupt conformable					
				159.5		Bioclastic debris flow: distinct coral, shell, strom clasts in > 10% mdst. Contact: abrupt conformable	trace flecks of pale sp. abdnt py at 178.8 - 178.9m as 1-2mm cubes replacing irregular clasts.				
				165.5		Bioclastic debris flow: mdst ≤ 10% – msv cb in part large clasts. Contact: conformable					

Depth / Graphic Lithology / Struct.



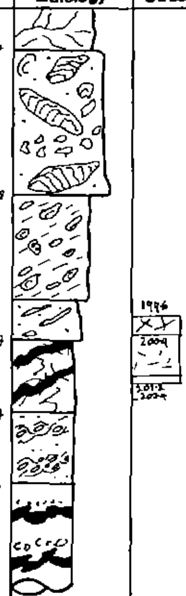
PASMINCO EXPLORATIO[N]
DIAMOND DRILL CORE LO[G]

5 cm

[HO]LE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY From m	Interval m	%	RQD	DESCRIPTION From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct	MINERALISATION	CODES LITHO	STRUCT	ALTN	MIN
				174.6		Bioclastic debris flow: distinct coral + strom frags fine to 40 cms. in mdst <10%. Contact gradational.	177 184.7						
				184.3		Bioclastic debris flow: msv intexture – indistinct clasts – minor stylolites – trace calcite veins – Contact: abrupt conformable.	194.8						
				188.7		Bioclastic debris flow: characterised by large ~ 5-15 cms stroms in mdst matrix to 191m becoming more msv cemented carb, features becoming indistinct. Contact: abrupt conformable.	199 200.7 203.7		calcite veining. minor brokencou dolomite veining				
				194.8		Bioclastic debris flow: characterised by abundant mudstone matrix + more homogeneous clast size (0.5-3 cms) Contact: abrupt conformable	206.6 210.8						
				199.0		Massive carbonate: fg sst $\bar{c}$ minor mdst laminae $\bar{c}$ scalloped texture becoming massive, coarser grained and calcite veined downhole: Contact: abrupt conformable			Trace pyrite on joint faces, trace dolomite alteration in calcite veins trace brown min carb? or sp?				
				200.7		Intercalated mdst/carb: mdst >10% – cb stt – indistinct bedding overprinted by calcite veining. Minor stylolites in msv cb bands. Contact: abrupt conformable.							
				203.7		Intercalated mdst/carb: mdst >10% – cb fg sst – distinct tube mottled bioturbation. Bedding 50° to LCA Contact abrupt conformable.							
				206.6		Intercalated mdst/carb: mdst >10% – cb fg sst – sculpture			trace py in coarse shell bands				

96206

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

5 cm

E No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						mottled texture ± trace tube mottling and trace coarse shell beds. Bedding 60° to LCA. Contact: abrupt conformable.	210.9				1		
				210.8		Intercalated mudst/carb: mdst >10% – cb fg sst – tube mottled bioturbation ± cb infill in mdst beds. trace stylolites in carb bands – indistinct trn. in cb bands producing indistinct texture. Contact: abrupt conformable	214.9						
				214.9		Intercalated mudst/carb: mdst <10% – cb fg sst – mudst partings with sharp stylolitic boundaries – carb tending to massive. Contact: abrupt conformable.	221.4						
				217.4		Intercalated mudst/carb: mdst <40% – cb sst – tyt tube mottling bioturbation, bands of sst casts in mdst matrix, cb casts in cb matrix in part coalescing to msv carb. Contact: abrupt conformable.	223.5						
				221.4		Massive Carbonate: coarse grained clastic debris fining downhole with trace stylolitic mudst partings Contact: abrupt conformable.	232.4						
				223.3		Intercalated mudst/carb: mdst >40% – cb sst – tyt dominated by tube mottling bioturbation, cb clasts in mudst or in carb coalescing to msv cb. Minor shell fragment bands in mudst in part. Contact: abrupt conformable.							

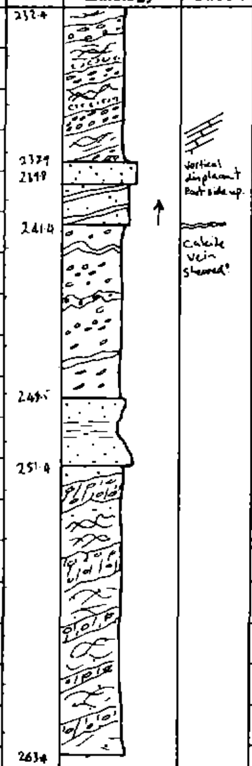
PASMINCO EXPLORATIO[N]
DIAMOND DRILL CORE L[OG]

PROJECT: *OCEANA*

5 cm

HOLE No. OP2

Graphic Scale 1: 200



CORE RECOVERY From m	Interval m	%	RQD	DESCRIPTION From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				230·2		Massive Carbonate: fining uphole with base at 232·4m being packed shell fragments fining to msv fg sst. with stylolites then to intercalated mdst/carb bands of 2-3 cms. Abundant shell fragments throughout. Contact: abrupt conformable.					
				232·4		Intercalated mudst/carb: mdst >10% – cb fg sst – dominant tube mottling texture. Mudst bands well defined. Tm best defined in cb sst stratigraphically below mudst. abundant coarse shell beds in cb sst. Contact: abrupt conformable					
				238·9		Massive Carbonate: m-fg, fining downhole, increasing irregular mudstone partings downhole. Contact: abrupt conformable.					
				239·8		Intercalated mudst/carb: mudst >40% – cb sst – well banded, beds ~5cms thick – minor coarse shell beds younging uphole. Contact: calcite veining, slicken features – possible shear.					
				241·1		Intercalated mudst/carb: mudst <10% – cb sst – TM dominant texture, mudst partings tend to be stylolitic or interstitial to worm casts. Casts in cb indistinct. minor stylolites in cb. minor coarse shell beds. Contact: abrupt conformable.					
				248·5		Massive Carbonate: bands of massive cb, ? cemented shell	Trace pyrite replacing				

890379

5 cm

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

DLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						debris in background of intercalated mdst/carb bands.	265.9		calcite pods at contact				
						Contact : sharp conformable.			Trace ankerite in calcite				
							267.8		vein at 249.2m.				
				251.4		Intercalated mdst/carb: mdst >10% - cb sst - dominant txt TM	269.4	264.5 / 270.8					
						casts generally cb sst in cb stt and lesser in mudst.			Trace cg pyrite in irregular				
						Mdst component decreases downhole and stylolits increase		271.3 bleached halo forming shear	calcite patches at 254.8m.				
						Calcite veining increases from 256.9m.							
						Contact : abrupt conformable.	275.9						
							277						
				263.4		Intercalated mdst/carb: mdst < 10% - cb fg sst - txt variable,							
						sty. in msv sst bands, some well defined mdst casts in	283						
						cb sst + irregular patches of mottled txt in part. Calcveining 266.2m	285.5						
						Contact : abrupt conformable							
				267.8		Massive carbonate: sst with minor development of fine							
						laminations + stylolites in part. Rock bleached towards 269.4m							
						Contact : missing.							
								294.4 calcite vein					
				269.4		Intercalated mdst/carb: mdst <10% - cb fg sst - txt	295.1		Pyrite in shear at				
						irregular to tube mottling bioturbation with jigsaw fit appearance			low angle to CA. 270.8m				
						in part. Shear with pug at 270.8m ± bleached halo.			Trace calcite/dolomite veins				
						Contact : abrupt conformable.			at 275m.				
				275.9		Laminated Carbonate: msv fg cb sst ± minor development of							
						mdst partings at 50° to LCA.							
						Contact : abrupt conformable.							
				277.0		Intercalated mdst/carb: mdst < 40% - cb stt - txt banded							

PASMINCO EXPLORATIO
DIAMOND DRILL CORE LO

5 cm

N.E. No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTH	MIN
						to sculpture mottled bioturbation - bed thickness 5-10 cms -								
						trace coarse shell beds. Attains 40-45° to LCA.								
						In situ coral at 278.5m								
						Contact: abrupt conformable.								
				281.3		Intercalated mdst/carb: mdst >10% - cb sst, m-cg granular				283.4m - semi msv cg				
						prominent TM in sst and well bedded mdst. X's 45-50°				pyrite replacing carbonate				
						Contact: abrupt conformable.				worm casts.				
				283.5		Intercalated mdst/carb: mdst >40% - cb slt - vfl variable				285.3 - 6mm bandinged				
						within a unit of ~~wet~~uniform grain size and mdst/cb ratio.				vein of msv pyrite // bedding				
						Well bedded mdst bands 1-2cms ± 5cm bands of msv cb				infilled with calcite				
						± trace TM edged by mdst partings which grade into								
						laminations with increased shear slumping to 286m then								
						TM becomes more pronounced but irregular. Trace indistinct								
						coarse shell beds ± coral fragments. X's ~ 40-45°								
						Contact: abrupt conformable.								
				295.1		Intercalated mdst/carb: mdst <10% - cb cg sst, granular				Trace wispy pyrite				
						with trace coarse shell beds - indistinctly banded with				replacement at 296.5m				
						general massive appearance								
						Contact: abrupt conformable.								
				296.6		Massive Carbonate: fg sst with minor fine laminations								
						trace stylolites.								
						Contact: abrupt conformable.								
				297.2		Intercalated mdst/carb: mdst >10% - cb f-mg sst - well				Trace wispy pyrite				

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

5 cm

Hole No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						banded with defined coarse granular layers, msv fine sst layers (with stylolites) + mdst bands – minor tm in part – minor coarse shell bands ± coral frags in part. Orientation = 301.4m bedding 65° E dip, 345° azimuth. Contact : gradational.	296.1 296.6 297.2 302.3			on selvages at 299 + 300.3m				
				302.3		Intercalated mdst/carb : mdst <10% – cb fg sst – txt tending to msv cb with distinct wispy partings of mdst throughout – minor tm ~ 310.4m, minor stylolites towards base of interval. L's 45-50° to LCA – homogenous interval. Contact : conformable.								
				318.2		Intercalated mdst/carb : mdst >10% – cb slt – txt well bedded to tm – bed thickness md 2, cb 5-10cms – L's 55° to LCA Contact : abrupt conformable.	318.1		calc vein parallel @ 50					
				323.3		Intercalated mdst/carb : mdst >40% – cb slt – msv appearance minor shell fragments in slt, bands 5cms md:cb. L's 55-60° to LCA Contact : abrupt conformable.	323.3 324.4							
				324.4		Intercalated mdst/carb : mdst >10% – cb slt – txt irregular tm – trace coarse shell debris. Contact : abrupt conformable.								
				329.1		Intercalated mdst/carb : mdst >40% – cb fg sst – txt well bedded – bed thickness md 3, cb 5cms L's 60-70° to LCA								

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

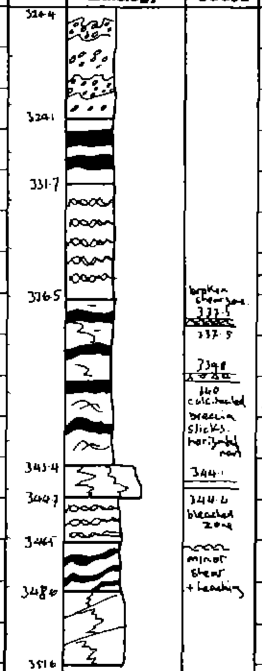
5 cm

HOLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY From m	Interval m	%	RQD	DESCRIPTION From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	MINERALISATION	CODES LITHO	STRUCT	ALTN	MN
						Contact: abrupt conformable.					
				331.7		Intercalated mdst/carb: mdst <10% – cb fg sst – irregular slumped tm picked out by mdst partings. Contact: abrupt conformable.					
				336.5		Intercalated mdst/carb: mdst >10% – cb fg sst – well bedded to tm – bed thickness md 1-5cms cb 2-10cms. ∡'s 60° to LCA calcite healed breccia zone at 339.8-340m (c̄ trace sp.) Contact: abrupt conformable.	Trace eg sphalerite in breccia. (pale brown 1-3mm) Trace pyrite at 342m				
				343.4		Massive Carbonate: mg sst c̄ stylolites. Bleached zone round possible fault at 344.4m + minor associated calcite veining. Contact: gradational.					
				344.7		Intercalated mdst/carb: mdst >10% – cb fg sst – txt tm prominant becoming indistinct through ~~indist~~ superimposed slump shearing at 346.5m. ∡'s ~55° to LCA. Contact: abrupt conformable.					
				346.5		Intercalated mudst/carb: mdst >10% – cb fg sst – well bedded – bed thickness 2:4cms – ∡'s ~50° to LCA minor shear at 347m // bedding. Contact: abrupt conformable.					
				348.6		Massive Carbonate: fg sst – minor stylolites to 350m then trace laminations. Contact: abrupt conformable.					



627076

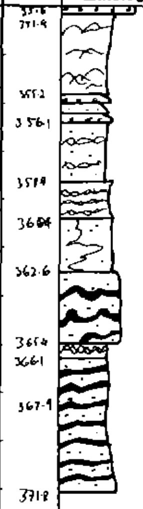
PASMINCO EXPLORATIO[N]
DIAMOND DRILL CORE LO[G]

PROJECT: *OCEANA*

5 cm

HOLE No. OP2

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION							CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				351.6		Terrigenous sandstone – cg ~ 0.5 - 2mm qtz-calcite grains, poorly sorted matrix supported. Contact: abrupt conformable.								
				351.9		Intercalated mdst/carb: mdst >10% – grades from mg to fg cb sst, mdst content increases downhole together with increased tube mottling + slump shear. ∠'s ~ 50° to LCA. Contact: abrupt conformable.				trace pale sphalerite in calcite vein at 354.2m				
				355.2		Turbidites: medium to coarse grained terrigenous derived bases qtz rich to fg carb rich tops. Contact: abrupt conf.								
				356.1		Intercalated mdst/carb: mudst <10% – cb sst – txt indistinct TM – Contact: abrupt conformable.								
				358.8		Intercalated mdst/carb: mdst >10% – cb sst – bands ~15-20cms. with cg bases and increasing TM texture towards the top. Contact: abrupt conformable.								
				360.4		Intercalated mdst/carb: mdst <10% – cb, msv fg sst, with increasing mdst wisps – minor stylolites. Contact: gradational.								
				362.6		Intercalated mdst/carb: mdst >40% – cb mg sst – txt Sculpture mottling – bed thickness 5:5 - coarse shell bedds graded, trace isolated 3cm coral frags. Contact: abrupt conformable.								
				365.4		Intercalated mdst/carb: mdst >40% – cb sst – dominant TM txt								

973073

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

5 cm

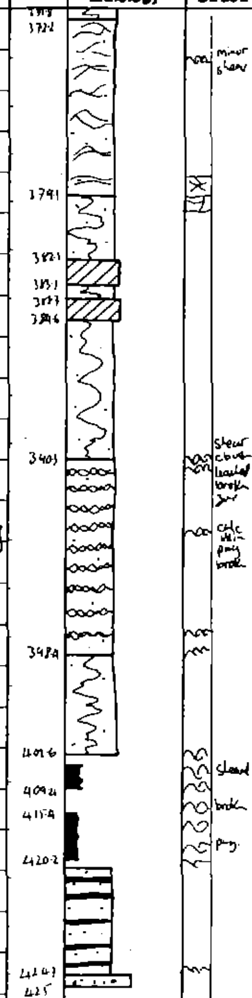
L.E. No. OP2

PROJECT : OCEANA

Graphic Scale 1: 200

CORE RECOVERY From m	Interval m	%	RQD	DESCRIPTION From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						∠'s ~ 50° to LCA. Contact : abrupt conformable.					
				366.1		Intercalated mdst/carb : mdst >10% - cb sst - well bedded - trace stylolites - Contact : abrupt conformable.	cavity bleached broken zone				
				367.9		Intercalated mdst/carb : mdst <10% - cb sst - indistinct tube mottling - ∠'s ~35° to LCA. Contact : abrupt conformable.					
				371.8		Massive Carbonate : sst with trace stylolites. Contact : abrupt conformable.					
				372.2		Intercalated mdst/carb : mdst >10% - cb m.fg sst - txt from jigsaw fit sculpture mottling to well bedded with carb becoming msv and mdst tending to fine laminations towards 379.4m. Contact: cavity at 379.4m ~2m thick rock broken, leached.					
				379.4		Massive carbonate : sst trace stylolites. Contact : gradational.					
				382.1		Laminated Carbonate: fg sst with fine mdst partings ∠'s 55-60° to LCA . Contact: gradational					
				383.1		Massive Carbonate : sst - stylolites - Contact : gradational					
				383.9		Laminated Carbonate : Contact : gradational					
				384.6		Massive Carbonate : sst with trace stylolites Contact : broken leached zone with calcite veining.					

Depth | Graphic Lithology | Struct.



E.O.H.

970274

PASMINCO EXPLORATIO
DIAMOND DRILL CORE LO

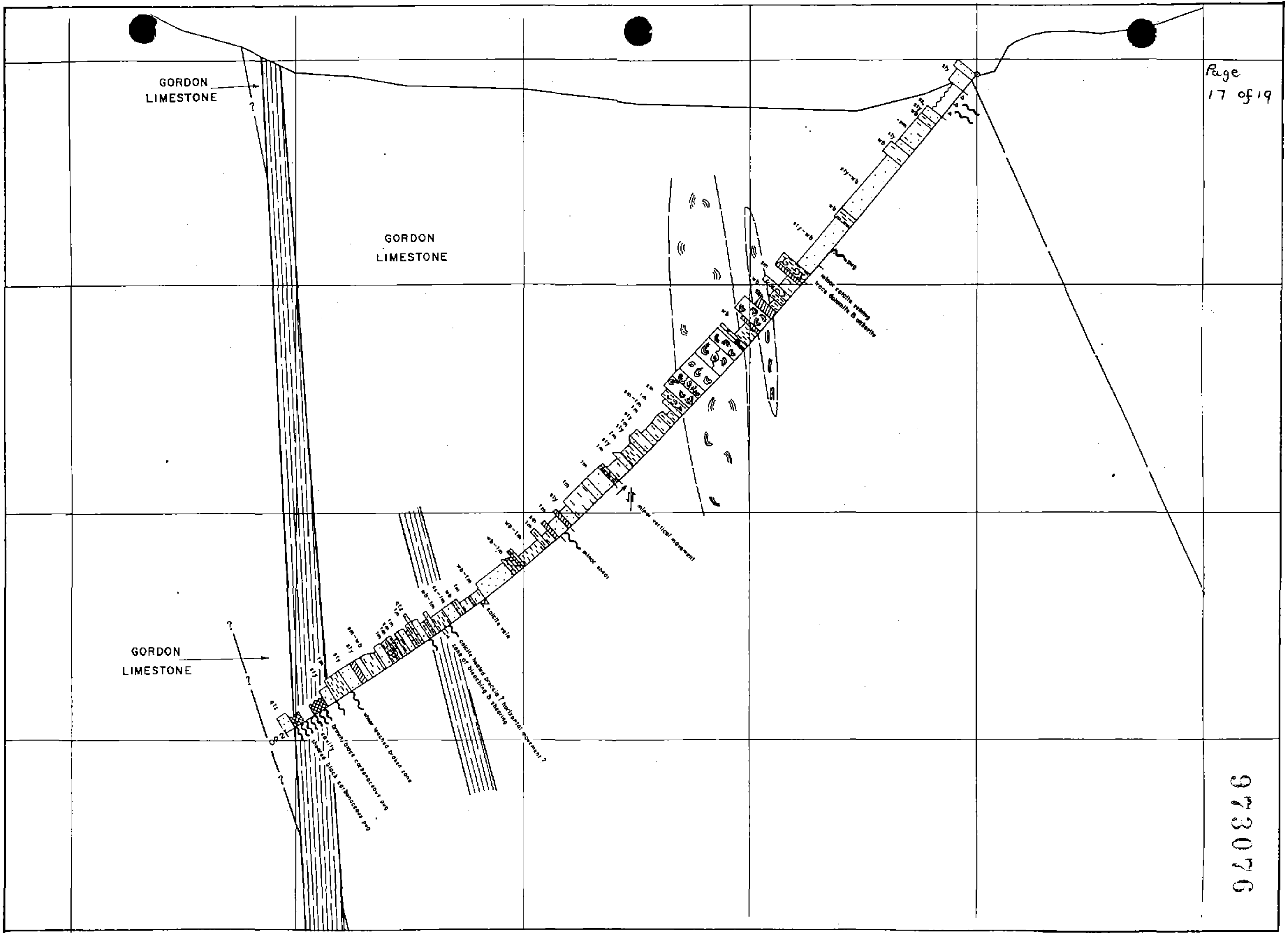
5 cm

DLE No. OP2

PROJECT: OCEANA

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION							CODES			
From m	Interval m	%	ROD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				390.3		Intercalated mdst/carb: mdst >40% – cb mg sst – txt distinct tube mottling in part with superimposed slump shear in part. Contact: sheared.								
				398.4		Massive Carbonate: fg sst with minor stylolites. Contact: sheared.								
				402.6										
				402.6		Zone of extreme weathering: 7m core loss. Brown black rubble-grit, ghost tube mottling in part.								
				409.4		No recovery.								
				415.4		Sheared black carbonaceous pug + broken rock with slickenslides.								
				420.2		Intercalated mdst/carb: mdst >10% – cb fg sst - well bedded – bed thickness 3:10cms tending to slump shear or laminations towards 424.7m. Shear bleach of 423.2m								
				424.7		Sandstone: cg carbonate sst with terrigenous content. Trace granular quartz.								
				425		E.O.H.								


GORDON LIMESTONE
GORDON LIMESTONE
GORDON LIMESTONE
minor calcite veining
pug
minor vertical movement
minor shear
calcite vein
calcite healed breccia ? horizontal movement ?
zone of bleaching & shearing
shear leached broken zone
brown/black carbonaceous pug
cavity
sheared black carbonaceous pug

973076