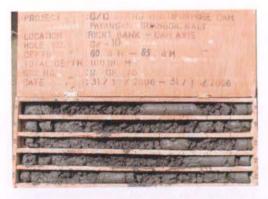
## CORE BOX DA - 10 "AYUNG DAM"



PROJECT JOYO AYUNG HULTIPUREOSE DAH PAVANCAN BUANCOA, STALL LDCATION ROCHT BANK - DAH AXIS HOLE NO. OA -O DEPTH 0.00 M - 5.00 M TOTAL DEPTH 100.00 M BOX NO90 1 0F 20 DATE - 971 / 2006 - 971 / 2006
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PROJECT	0/0 AYUNG HULTIPURPOSE DAM PAYANGAN - BUANGGA, BALI RIGHT BANK - DAM AXIS IDA -10 0.00 M - 5.00 M 100.00 M 1 J OF 20 2 J / 1 / 2006 - 9 / 1 / 2006	a transferration











PROJECT ID/D AYUNG HOLTIPURPOSE DAN PATAMGAN - BUANGGA, BALL LOCATION REPRESENCE - DAM ANIS HOLE NO DA - D
000 H - 35.00 H TOTAL DEFTH : 110.00 H 00X N0 7 OF 20 DATE / 14/1 / 2006 - 16 / 12/2006

LOCATION HOLE NO. DEPTH TOTAL DEPTH	10/0 ATURIG MULTIPURPOSE CAM TAMAGAN - BUANGGA, GALI IRIGHT WANK - DAH AXIS 0A-10 35,00 M - 40.00 M 100.00 M 8 0F 20 16/1 / 2006 - 16/1 / 2006

TOTAL DEFTH	D/D AYUNG MULTIPURPOSE DAM PAYANGAN-BUANGGA, BALI RIGHT BANK - DAM AXIS DA-10 40,00 M - 45.00 M 100.00 M 9 OF 20 17 / 1 / 2006 - 17 / 1 / 2006
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	:10 OF 20
DATE ,)	17/1/2006 - 18/1/2006

PROJECT , : B/B AYUNG HULTIPURPOSE CAM PATANGAN - BUANGGA, BALL LOCATION RIGHT BANK - DAM AXIS HOLE NO. : BA - 10 GEPTH : 55:00 M - 60:00 M TOTAL DEPTN : 100:00 M BOX NO. : 12 OF 20 DATE , : 24/1 / 2006 - 24/1 / 2006

PROJECT

LOCATION HOLE NO. DEPTH TOTAL DEPTH BOX NO.	10/0 AYUNG MULTIPURPOSE DAM PAYANGAN-BUANGGA, BALI RGHT BANK - DAM AXIS DA -10 50.00 M - 55:00 M 100.00 M 11 OF 20 10/1 / 2006 - 22 / 1 / 2006
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PROJECT	PATANGAN - BUARCEA	
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LOCATION :R HOLE NO. :C DEPTH :S TOTAL DEPTH :V	16HT BANK - DAH AXIS A -10 0.00 M - 65.00 M
	5/1 / 2006 - 25 / 1 / 2006
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LOCATION HOLE NO. DEPTH TOTAL DEPTH BOX NO.	D/D AYUNG MULTIPURPOSE DAM PAYANGAN - BUANGGA, BALL RIGHT BANK - DAM AXIS ICA - IO 65,00 M - 70,00 M 140 F 20 25/1 / 2006 - 26/11/22006
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PROJECT IN LOCATION HOLE NO. DEPTH TOTAL DEPTH BOX NO. DATE	107.0. AYUNG MULTIPURPOSE DAM PAYANGAN-BUANGGA, BALI RIGHT BANK - DAM AXIS IDA-TO 70.00 M - 75.00 M 100.00 M 15 OF 20 26 / 1 / 2016 - 26 / 1 / 2006
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PROJECT , D/D AYUNG MULTIFURIOSE DAM PAYANGAN - BUANGAA, BALL
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TOTAL GEPTH TTOO.DOT M BOX MB. A 16 GF 70
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DATE - 1/1 / 2006 - 1/2-2 2006
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PROJECT 1 J LOCATION HOLE NO. DEPTH TOTAL DEPTH BOX NO. DATE	10/D AYUNG MULTIPURPOSE DAM PAYANGAN - BUANGGA, BALT RIGHTRANK - DAH AXIS :0A-10 :350 M - 100 M :100.00 M :20 OF 20 :2/12/2006-2/2/2/2006
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#### CORE BOX DA - 10 "AYUNG DAM"





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PROJECT : D/D AYUNG MOLTIPURPOSE DAM
PATANGAN - SUANGGA, BALL
HOLE NO. DA -10
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TOTAL DEPTH : 100.00 M
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PROJECT LOCATION HOLE NO. DEFTH TOTAL DEPTH BOX NO. DATE	:0/D AYUNG MUETIPURPOSE DAM PAYANGAN-BUANGGA, BALL RIGHT BANK - DAM AXIS 10A-10 60,00 M - 70.00 M 100.00 M 14 OF 20 25/1 / 2006 - 26/11/2006
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 LOCATION
 RIGHT BANK - DAH AXIS

 HOLE NO.
 IDA - JO

 DEPTH
 :65.00 M - 70.00 M

 TOTAL DEPTH
 :100.00 M

 BOX MG.
 :14 OF 2D

 DATE
 :25 / 1 / 2006 - 26 / 1 / 2006
 PROJECT HALL MADE











## **CORE BOX DA - 10** "AYUNG DAM"



 PRUJECT
 :D/D
 AYUNG HULTIFURPOSE DAM DAVANGAN-BUANGGA, SALI

 LOCATION
 RIGHT BANK - DAH AXIS

 HOLE NO.
 :OA-HO

 DEPTH
 : 0.00 M - 5.00 M

 TOTAL DEPTH 100,00 M

 BOX NO.

 1 OF 20
 DATE

 BOX NO.





PROJECT

DZ D AYUNG MULTIPURPOSE DAM PAYANGAN - BUANGGA, BALI RIGHT BANK - DAM AXIS DA -10



PROJECT

LOCATION HOLE NO. DEPTH

D/D AYUNG MULTIPURPOSE DAM PAYANGAN - BUANGGA, BAD RIGHT BANK - DAM AXIS DA -10 2000 H - 25:00 M

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LDCATION :RIGHT BANK HOLE NO. :DA -10 DEPTH : 15.00 M - 20.00 M TDTAL DEPTH 100.00 M BOX NO. : 4 DF 20 DATE : 12 / 1 / 2006 - 12 / 1 // 2006

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PROJECT : O.Y.D. AYUNG HOLETIPURPOSE DAME PATANGAN - BUANGGA, SALI LOCATION - RIGHT BANK - DAM AXIS
HOLE NO. 10A-10 DEPTH 30.00 M - 35.00 M
TOTAL DEPTH 100.00 M BOX NO 17 DF 20 DATE 11 14 / 1 / 2006 - 16 / 1 / 2006

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LOCATION HOLE NO DEPTH TOTAL DEFTH BOX NO	D/D AYUNG HULTIFURPOSE DAM PATANGAN-BUANGGA, BALJ REAT BANK - DAM AXIS CA -10 50:00 M - 35:00 M AU0.00 M 10 DF 20 18/1 / 2006 - 22/1 1/2006
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 LOCATION
 ROHT BANK - DAH AXIS

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 65.00 M - 70.00 M

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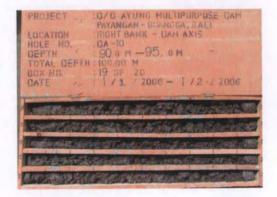
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 DATE
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 PROJECT

LOCATION HOLE NO. DEPTH TOTAL DEPTH BOX NO.	107 D. AYUNG HULTIPURPOSE DAH PAYANGAN-BUANGGA, BALI IRIGIT BANK - DAM AXIS IDA-RO 70.00 M - 75.00 M 100.00 M 15 DF 20 26 / 1 × 20% - 26 / 1 / 2006





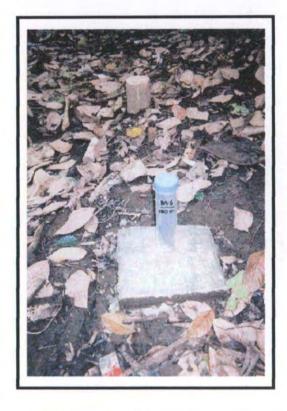




# FIGURE OF SITUATION AND FIELD ACTIVITIES ON SITE



Location of Ayung Dam Site, Taken from the Right Bank

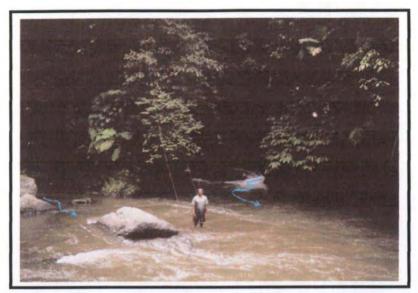


**Open Stand Pipe Piezometer for DA-6** 



**Drilling Activity at DA-6** 

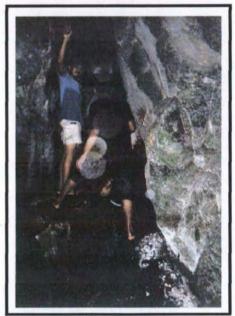
# FIGURE OF SITUATION AND FIELD ACTIVITIES ON SITE



Ayung RiverTributaries



Cave I



Cave II



Moving Drilling Pump for DA-7 Drilling Preparation

# FIGURE OF SITUATION AND FIELD ACTIVITIES ON SITE



Drilling Activities at DA-7a



Artesian Water at DA-7a



**Drilling Activities at DA-10 Right Bank** 

# B3 Daily Core Drilling and Field Test Data

## CORE DRILLING AND FIELD TEST DATA

SHEET: 1 OF 5

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	2384,00	10,00	10,00	100,00	1		1			1			1	Į			
	2400,00	16,00	16,00	100,00		<u> </u>	<b> </b>	<b> </b>	<b> </b>	<b> </b>		L	<b> </b>	<b>[</b>	<b></b>	ļ	
	2410,00	10,00	10,00	100,00	1			1	1	1				[			
	2435,00	25,00	15,00	60,00	ł			1	I	1			I		[		
	2450,00	15,00	15,00	100,00				1	1	1			l		]		
]	2470,00	20,00	20,00	100,00		1			1				1	1	-		
	2485,00	15,00	15,00	100,00					1	1			1				
9	2500,00	15,00	15,00	100,00									ł	1	4,65E-04	34,90	
8	2510,00	10,00	10,00	100,00			l			[		Į	I	Į	I		
23,	2520,00	10,00	10,00	100,00	1	I		1	[	1		Į	1	1			1
Desember 23, 2006	2530,00	10,00	10,00	100,00	ł		I		1	1		1	1	l	1		
a ta	2545,00	15,00	15,00	100,00	ł				1	1	i		1	İ	1		
a a a a a a a a a a a a a a a a a a a	2550,00	5,00	5,00	100,00	ł					1			1		1		
	2571,00	21,00	21,00	100,00			25	I		1	28	0	ł			ŀ	ł
ļ	2580,00	9,00	9,00	100,00	ł		I	ł	1	1		1	l		1		ļ
	2590,00	10,00	10,00	100,00	[			Į	1	[					1		
Į	2600,00	10,00	10,00	100,00	1				1	1			1	l	1		ł
	2620,00	20,00	20,00	100,00						ľ		ŧ	1	1	1	l	ĺ
1	2630,00	10,00	10,00	100,00	1	1	1		1	L	1		<u>}</u>	<u> </u>	<u> </u>	L	<u> </u>

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SHEET: 3 OF 5

		<u> </u>													SILITY TEST		EET : 3 OF 5
		U	X		STAND								P				
DATE	독世	HOLE DEPTH DRILLING RUN RUN RUN RUN RUN			ž	PEN	ietr.				SPTI	CONST		WATER		REMARK	
<b>D</b> A	오병	필문	ខ	8	R.a.D								HEAD	TEST	PRESSURE TEST		
	-4	ā	-			-	15	10	10	10	5	M	к	La	k	Lu	
	(m)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	CUD	cm	cm	N	(cm/sec)		(cm/sec)	•	•
									-								
	2650,00	20,00	20,00	100,00													
			20,00	100,00						-							
	2670,00	20,00					Į										
	2690,00	20,00	20,00	100,00													
	2700,00	10,00	10,00	100,00													
	2725,00	25,00	25,00	100,00													
1	2750,00	25,00	25,00	100,00													
	2768,00	18,00	18,00	100,00			13/27				23	0					
	2780,00	12,00	12,00	100,00								ļ					
	2800,00	20,00	20,00	100,00													
	2810,00	10,00	10,00	100,00													
18	2825,00	15,00	15,00	100,00			•										
30	2835,00	10,00	10,00	100,00			1										
2	2850,00	15,00	15,00	100,00								l					ŀ
Desember 24, 2005	2870,00	20,00	20,00	100,00													
l lie	2880,00	10,00	10,00	100,00										l			
å	2890,00	10,00	10,00	100,00										ł			
	2900,00	10,00	10,00	100,00									1				ł
1	2910,00	10,00	10,00	100,00									l				ł
I	2920,00	10,00	10,00	100,00									ſ				
	2935,00	15,00	15,00	100,00													
	2950,00	15,00	15,00	100,00													
	2971,00	21,00	21,00	100,00			28				23	0		1			
	2960,00	9,00	9,00	100,00							~~		Į				
				100,00									Į				
1	2990,00	10,00	10,00	100,00										ł	3,53E-04	26,51	
<u> </u>	3000,00	10,00	10,00				<u> </u>								0,000.00		
Dec, 25, 2005	3080,00	80,00	80,00	100,00			1										}
188	3180,00	100,00	100,00	100,00	Į.								l.	1			STUCK
	3200,00	20,00	20,00	100,00	<u> </u>						<b> </b>			<u> </u>		<u> </u>	
	3300,00	100,00	80,00	80,00	]		1	1					Į	1			
	3400,00	100,00	85,00	85,00	1		ŀ	ł					İ.	İ			
2005	3500,00	100,00	95,00	95,00		1	ł							1	3,70E-04	27,75	]
8	3600,00	100,00	60,00	60,00	Į	ļ											
mber 28,	3700,00	100,00	60,00	60,00	1	[	ļ						ļ	ļ	<b>1</b> .	ŀ	
Į	3800,00	100,00	50,00	50,00		[							[	l			
	3900,00	100,00	100,00	100,00	ſ	Į	ł		Ĭ	Í			l	1	1	ł	Í
Desc	4000,00	100,00	100,00	100,00	ļ		1	1					1	ł	3,38E-04	25,39	
1	4050,00	50,00	50,00	100,00		ļ	1						1	ł	I		
	4080,00	30,00	30,00	100,00	1		21	25		<u> </u>	23	25	ļ	ļ	ļ	ļ	ļ
	4100,00	20,00	20,00	100,00			_	1	[		[	1	ł		I		l
	4200,00	100,00	100,00	100,00			23	25		1	21	25	1	1	1	1	
-	4250,00	50,00	50,00	100,00	I	ł	1			ł	ł			ł	ł	l	
December, 27, 2005	4279,00	29,00	29,00	100,00	I		1			1	ł	l	1		1		1
1	4300,00	21,00	21,00	100,00		Į		1	1	ł		ļ	l.	ļ	ł		
1	4400,00	100,00	100,00	100,00				1		l			1		l		
ļ	4450,00	50,00	50,00	100,00	1		1	1	1	l		ł	ļ		[	1	Į
, and the second	4479,00	29,00	29,00	100,00	1		26	28			23	28		1		1	GWL (H)
jð	4500,00	21,00	21,00	100,00			1	1	1		[				1,41E-04	10,60	
1	4550,00	50,00	50,00	100,00	£		1		1	[	1		l			1	
1	4600,00	50,00	50,00	100,00			1	1	l	Į	I		l		l		
						<del> </del>		1		<u> </u>	<u> </u>	<b> </b>	<u> </u>	t		t	
Ś	4650,00	50,00	50,00	100,00				1~	1~	Í	I	47	1		1	I	
13.	4685,00	35,00	35,00	100,00	F .	1	20	22	25	1	1	1 *	1	I	1	I	
a B B	4700,00	15,00	15,00	100,00				1					1			ł	CIM A
50	4800,00	100,00	100,00	100,00	3		1	1	1		1		1	[	Į	ł	GWL (L)
December , 28, 2005	4850,00	50,00	50,00	100,00	,			1.			<b>.</b>		1	1	1	l	l I
L	4900,00	50,00	50,00	100,00	<u>!</u>	[	6	8	8	10	14	26	<u> </u>	<u>.</u>	<u>l</u>	<u>I</u>	1
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<b></b>	1	(7)		≿	· · · · ·								P	ERMEA	SILITY TEST	· · · · · · · · · · · · · · · · · · ·	
2	필문	DRILLING	R R	RECOVERY		j	0C1	iETR		DAR		SDU	CONST	ANT	WAT	ER	REMARK
DATE	HOLE	RL	CORE	0		2	r Li						HEAD	TEST	PRESSUR	E TEST	NEMANA
	_	Ω		R H		_	15	10	10	18	5	N	ĸ	Lu .	k	Lu	
	(m)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	CTD	cm	cm		(cm/sec)		(cm/sec)		-
													Į –				
8	4950,00	50,00	50,00	100,00				Į									
50	5000,00	50,00	50,00	100,00											7,78E-04	58,42	
Desember 28, 2005	5050,00	50,00	50,00	100,00			7		10	42	10	31					
ied i	5100,00	50,00	50,00	100,00			7	9	10	12	10	31	1				
Li en	5200,00 5250,00	100,00 50,00	100,00 50,00	100,00													
å	5250,00 5300,00	50,00 50,00	50,00	100,00			6	8	9	11	6	28					
	5400,00	100,00	100,00	100,00									1				
	5450,00	50,00	50,00	100,00													
	5484,00	34,00	34,00	100,00			16	18	21			39					
l õõ	5500,00	16,00	16,00	100,00	ļ										4,37E-04	32,77	
Desember 29, 2006	5650,00	150,00	150,00	100,00													
je i	5683,00	33,00	33,00	100,00	1		21	23	24			47	ł				
Ĕ	5700,00	17,00	17,00	100,00													
es l	5850,00	150,00	150,00	100,00													
-	5900,00	50,00	50,00	100,00			8	9	9	10	8	28	1				
<b></b>	6000,00	100,00	100,00	100,00	ļ		<b> </b>	<u> </u>				<u> </u>	<u> </u>		4,17E-04	31,29	
	6050,00	50,00	50,00	100,00						40			1				
l õ	6100,00	50,00	50,00	100,00		ł	8	9	9	18	6	36					
20	6130,00	30,00	30,00	100,00	1			1									
Je l	6200,00 6270,00	70,00	70,00	100,00				ļ						l			
tma	6300,00	30,00	30,00	100,00		Į						ļ					
Desember 30, 2005	6400,00	100,00	100,00	100,00	1	f .		1							ĺ		
-	6500,00	100,00	100,00	100,00				1							3,62E-04	27,17	
1	6650,00	150,00	145,00	96,67	1	1											
December 31, 2005	6800,00	150,00	150,00	100,00	ł	ļ				ŀ			1				
8 2	6950,00	150,00	150,00	100,00		ł						1					
<u> </u>	7000,00	50,00	50,00	100,00	L		Į	<u> </u>	Ļ	<b> </b>			<b></b>	<b> </b>	2,93E-04	21,96	
	7050,00	50,00	50,00	100,00			ł						1		1		
ari 17, 2006	7100,00	50,00	45,00	90,00	1				ł				1		1		[
12,2	7150,00	50,00	45,00	90,00	l				1					ł			
Te l	7200,00	50,00	45,00	90,00						1	ļ						1
Janu	7250,00	50,00 50,00	45,00	90,00 90,00	1			1								1	
5	7350,00	50,00	45,00	90,00	1		Į			Į						Į	
29	7400,00	50,00	50,00	100,00	1	<u>†</u>		1	t	<b>├</b> ──	t	<b> </b>	1	<b> </b>	t		
Januari 18, 2006	7450,00	50,00	50,00	100,00				1		l			ł		1		ł
4	7500,00	50,00	50,00	100,00					L				<u> </u>	L	3,85E-04	28,92	
	7550,00	50,00	50,00	100,00					Γ				ľ		1	[	
128	7600,00	50,00	50,00	100,00				I		ł			1	1	ł		1
Januari 19, 2006	7650,00	50,00	50,00	100,00	1		ł			ł			ł			[	l
	7700,00	50,00	50,00	100,00		Į	<b> </b>	<b> </b>	┣	<b> </b>	<b> </b>	<b> </b>	<b> </b>	<b> </b>	ļ	<b> </b>	<b> </b>
1900 1006	7750,00	50,00	50,00	100,00	1				1	ł	1	1	1				1
Januari 20, 2006	7800,00	50,00	25,00	50,00			}	1		1	ł					]	1
178	7900,00	100,00	95,00	95,00	<u> </u>	<u> </u>			╂	┼──	<del> </del>	┨───	<u> </u>	<u> </u>	<del> </del>		<u> </u>
ź	7950,00	50,00	50,00 50,00	100,00	1		l	1		1	Í	1			7,85E-05	5,74	ł
Januarl 21, 2008	8000,00	50,00 50,00	25,00	50,00	1		1					ļ		1	1,000000	<sup>•,,,</sup>	
20 au	8100,00	50,00	30,00	60,00		I		1		1	[	ł		1	1	[	
13	8150,00	50,00	30,00	60,00	I		l	l	1	1	1	1	1	1	ł	l	l
~	8200,00	50,00	30,00	60,00	1	1		1	1	1	t	<u> </u>	1	1	1		
Januari 22, 2006	8250,00	50,00	35,00	70,00	1					1	ł	1		1	1		ŧ
20 Para			1	1	1		ł	1			1			1	1		ł
5	1	1	I	1	1	1	1		1				1			1	

SHEET : 5 OF 5

	_	Q		RY	_				TAN	DAR	D				SLITY TEST		
DATE	H71DEPTH DEPTH	DRILLING	CORE	RECOVERY			PE				EST (	SPT}	CONST HEAD		WATE		REMARK
		ō		R			15	10	10	10	5	N	ĸ	Lu	k	Lu	
	(m)	(CIII)	(cm)	(%)	(cm)	(%)	cm	cm	ເພ	cm	CIII		(cm/sec)	•	(cm/sec)		-
Januari 23, 2006 January, 22, 2008	8300,00 6350,00 8400,00 8450,00 8550,00 8550,00 8650,00 8700,00 8750,00 8850,00	50,00 50,00 50,00 50,00 50,00 50,00 50,00 50,00 50,00 50,00	40,00 50,00 35,00 50,00 35,00 35,00 50,00 50,00 50,00 50,00	80,00 100,00 70,00 100,00 70,00 100,00 100,00 100,00 50,00											1,16E-04	8,70	
Jan	8900,00 9000,00	100,00 100,00	70,00 80,00	70,00 80,00								<u>.</u>			2,35E-04	17,63	
January 24, 2006	9100,00 9200,00 9300,00 9400,00 9500,00	100,00 100,00 100,00 100,00 100,00	60,00 75,00 35,00	65,00 60,00 75,00 35,00 50,00													
January 25, 2006	9600,00 9700,00 9800,00 9900,00 10000,00	100,00 100,00 100,00 100,00 100,00	80,00 75,00 50,00	80,00 75,00 50,00 75,00 60,00											1,06E-05	7,99	

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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	BLITY TEST WATE PRESSURI k (cm/sec)		REMARKS
(cm)         (cm)         (cm)         (%)         (cm)         (%)         cm	PRESSUR	E TEST Lu	
(cm)         (cm)         (cm)         (%)         (cm)         (%)         cm	k	Lu	-
(cm)         (cm)         (cm)         (%)         (cm)         (%)         cm			-
0,00         0,000         0,00 <t< th=""><th></th><th></th><th></th></t<>			
So         80,00         30,00         30,00         100,00         20,00         20,00         100,00         40,00         40,00         100,00         40,00         100,00         40,00         100,00         40,00         100,00         40,00         100,00         40,00         40,00         100,00         40,00         100,00         40,00         100,00         40,00         40,00         40,00         100,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         40,00         50,00         50,00         100,00         40,00         40,00         50,00         50,00         100,00         40,00         50,00         50,00         100,00         40,00         50,00         50,00         100,00         40,00         50,00         50,00         100,00         450,00         50,00         50,00         100,00         450,00         50,00         50,00         100,00         450,00         50,00         50,00         100,00         450,00         2,61E-03         -           Function         S0,00         50,00         50,00         100,00         350,00         100,00         1			
200,00         30,00         30,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00			
200,00         30,00         30,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00			
200,00         30,00         30,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00			
200,00         30,00         30,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00         250,00         100,00 <td></td> <td></td> <td></td>			
250,00         50,00         50,00         100,00         250,00         100,00             300,00         50,00         50,00         100,00           6,56E-03            350,00         50,00         50,00         100,00                350,00         50,00         50,00         100,00  <			
300,00         50,00         50,00         100,00         .			
SO         SO,00         SO,00         SO,00         100,00         Image: second			
600,00         50,00         50,00         100,00         350,00         100,00         2,61E-03         -           - tdot Adbut           650,00         50,00         100,00         350,00         100,00         2,61E-03         -			
600,00         50,00         50,00         100,00         350,00         100,00         2,61E-03         -           - tdot Adbut           650,00         50,00         100,00         350,00         100,00         2,61E-03         -			
600,00         50,00         50,00         100,00         350,00         100,00         2,61E-03         -           - tdot Adbut           650,00         50,00         100,00         350,00         100,00         2,61E-03         -			
600,00         50,00         50,00         100,00         350,00         100,00         2,61E-03         -			
650,00 50,00 50,00 100,00			
	1		
730,00 30,00 30,00 100,00			ł
800,00 70,00 70,00 100,00			
900,00 100,00 100,00 100,00		1	[ ]
g 1000,00 100,000 100,00000000			[
1100,00 100,00 100,00 100,00 100,00		{	
See         1000,00         100,00 <td></td> <td></td> <td></td>			
	1,08E-04	8,07	GWL (H)
1600,00 100,00 100,00 100,00			
1700,00 100,00 100,00 100,00			GWL (L)
1800,00 100,00 100,00 100,00			
1900,00 100,00 100,00 100,00 1300,00 100,00	+		
2000,00 100,00 100,00 100,00	8,12E-05	6,10	
See         2000,00         100,00         100,00         100,00           See         2100,00         100,00         100,00         100,00           see         2200,00         100,00         100,00         100,00           see         2300,00         100,00         100,00         100,00           see         2300,00         100,00         100,00         100,00           see         100,00         100,00         100,00         100,00			
Xi         2200,00         100,00         100,00         100,00           E         2300,00         100,00         100,00         100,00         100,00		1	1
2 2400,00 100,000 100,00000000	1	1	
₩         2400,00         100,00 <td>4,14E-05</td> <td>3,11</td> <td></td>	4,14E-05	3,11	
2600,00 100,00 100,00 100,00		1	1
		[	
2800,00 100,00 100,00 100,00		1	1
80         2700,00         100,00         100,00         100,00           7         2800,00         100,00         100,00         100,00           7         2900,00         100,00         100,00         100,00           8         3000,00         100,00         100,00         100,00           9         3100,00         100,00         100,00         100,00	7,01E-05	6,26	ļ
100,00 100,00 100,00 100,00 100,00 100,00	7,010-00	V,20	ļ
		l	
3200,00         100,00         100,00         100,00         100,00           3240,00         40,00         40,00         100,00         100,00		1	1
3280,00 40,00 40,00 100,00		1	
3320,00 40,00 40,00 100,00			
g 3380,00 60,00 60,00 100,00			
3420,00 40,00 40,00 100,00	1		
Solution         3380,00         60,00         60,00         100,00           3420,00         40,00         40,00         100,00           3500,00         80,00         100,00           3500,00         50,00         100,00           3500,00         50,00         100,00           3500,00         50,00         100,00           3500,00         50,00         100,00	4,26E-05	3,20	spring Q=35 l/min
3 3550,00 50,00 50,00 100,00		1	Q=35 µman T=4,00
			,,,
3640,00 40,00 40,00 100,00 3680,00 40,00 40,00 100,00	1	1	
3730,00 50,00 50,00 100,00 530,00 100,00		1	
	<u> </u>	<u> </u>	<u> </u>

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Г					5						DADD			PE	RMEAB	LITY TEST		
	۳ ۲	HOLE	DRILLING	CORE		R.Q.D		PE	NETR		DARD N TES		m I	CONSTAN		WATER PR		REMARKS
1	DATE	<u>Š</u>		8	8	R.0								TES		TES		
		-	ð		2	y		15	10	10	10	5	N	ĸ	Lu	k	Lu .	
		(m)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	cm	cm	cm		(cm/sec)		(cm/sec)	<u> </u>	
		3800,00	70,00	70,00	100,00													
		3850,00	50,00	50,00	100,00												:	
		3900,00	50,00	50,00	100,00													
	909	3940,00	40,00	40,00	100,00											2,38E-05	1,78	spring
	6,2	4000,00	60,00	60,00	100,00											2,00E-00	1,70	Q=35 1/min
	L I	4100,00	100,00	90,00	90,00													T≠4,00
	Januari 16, 2006	4130,00	30,00	30,00	100,00 42,86													artisis
	ř	4200,00 4250,00	70,00 50,00	30,00 20,00	42,00 40,00		1		. 1									Q=41 Vmin
		4250,00	50,00	30,00	60,00									[	ł			T≖4,00 m
	1	4370,00	70,00	40,00	57,14	510,00	79,69								l			
		4400,00	30,00	30,00	100,00													
1		4500,00	100,00	95,00	95,00		:						[			1,30E-05	0,97	Artisas
1	Januari 16, 2006	4520,00	20,00	20,00	100,00							l		}	l			Q = 41 l/min
	16. 1	4550,00	30,00	30,00	100,00													T = 4,00 m
	5	4600,00	50,00	50,00	100,00								1		1			
	anu	4650,00	50,00	50,00	100,00				1				ļ					
		4700,00	50,00	50,00	100,00	325,00	98,48		<b> </b>		ļ	<b> </b>	<u> </u>	<b> </b>	<u>}</u>			
		4750,00	50,00	30,00	60,00				[				1					
	Januari 17, 2006	4800,00	50,00	40,00	80,00			1		ł				l	[			
	200 200	4850,00	50,00	50,00	100,00					ł		[						
	4	4900,00	50,00	40,00 80,00	80,00 80,00	240,00	80,00			ł		1				3,58E-05	2,69	
$\vdash$		5000,00 5050,00	100,00 50,00	40,00	80,00	240,00	00,00				†		<del>                                      </del>			1		
		5100,00	50,00	50,00	100,00				1						1	1		
	80	5150,00	50,00	50,00	100,00					Į			ł		ł	1		
	Januari 23, 2006	5200,00	50,00	50,00	100,00				1	1	ł	1					<b>}</b>	
	133	5300,00	100,00	90,00	90,00			1				ł		1			ł	
	uar	5400,00	100,00	100,00	100,00													
	Jar	5500,00	100,00	100,00	100,00			Į								3,18E-05	2,30	
		5600,00	100,00	70,00	70,00					1		1						
		5640,00	40,00	30,00	75,00	560,00	90,63	<u> </u>				┢──	╉───	<u> </u>	┿───		<u> </u>	
	÷	5700,00	60,00	50,00	83,33									1		1	[	
	nuari 24, 2006	5750,00	50,00	50,00	100,00	1	[	1	1			1	1				1	
	nuari 2008	5800,00	50,00 100,00	50,00 80,00	100,00						1	1						1
	Ŝ	6000,00	100,00	70,00	70,00	300,00	60,00								]	7,87E-05	5,90	
$\vdash$		6100,00	100,00	50,00	50,00		00,00	1	1		1	1	1	1	1	1		T
Į	36	6200,00	100,00	1	80,00	ł		1	1	1		1	1		1		1	
	1ari 006	6300,00	100,00	I	80,00				1			1	ł	1	1	1		1
1	Januari 25, 2006	6400,00	100,00	40,00	40,00				1					1	1			
L	- 	6500,00			70,00	320,00	64,00	<b> </b>	<b></b>	ļ		<b> </b>	+	<u> </u>	<u> </u>	4,80E-06	3,65	
	g	6600,00	100,00	1	60,00	1	ł	1	1	1					1	1	1	1
	Januari 26, 2006	6700,00	100,00		50,00	1	1		1					1		1	1	
	126	6800,00	100,00		90,00			1										
	puar	6900,00	100,00	60,00 50,00	60,00 100,00													1
	μų.	6950,00 7000,00	50,00 50,00	30,00	60,00		68,00									3,51E-05	2,63	
$\vdash$		7100,00	100,00		17,00	1		$\mathbf{t}$	1	1	$\top$	1	1	1	1	T	1	
	27,	7200,00	100,00		80,00	1	1			1		1		1	1	1		1
	14 J	7300,00	100,00		60,00	1	1											
	Januari 27, 2006	7400,00	•		70.00	1	1			1							1	1
L		7500,00			80.00	307,00	61,40	<u> </u>		<b>_</b>	<u> </u>	4		1	. <b> </b>	5,29E-05	3,97	·
Γ	-	7600,00	100,00	90,00	90,00				1	1				1	1		1	
	1i 28 6	7700,00			70,00	]	1		1								1	
	Januari 28, 2006	7800,00	1	f f			1								1	1	1	
1	Jar	7900,00		1		1			ļ					1	1	1,01E-04	7,59	1
		8000,00	100,00	70,00	70,00	380,00	76,00	1	<u> </u>	1.			<u>t</u>	1	1	1,010-04	1 1,00	.1

# CORE DRILLING AND FIELD TEST DATA

SHEET: 1 OF 3

	A-0																SHEET: 1 OF 3
	T	z		1					<u>.</u>				PE	RMEAB	LITY TEST		
	HOLE DEPTH	DRILLING RUN	CORE	۲ ۲			ST		RD P			ON					
DATE		<u>o</u>	RE E	2				1	EST		}		CONSTAN				REMARKS
A A	L L	TIN .	8	8	2				(N	i)			TES	\$	PRESSUR	E 1651	
	₫ I	RIL				1						_					
<b></b>							15	10	10	10	5	N	K	Lu	<u>k</u>	Lu	<b>  </b>
,	(cm)	(cm)	(cm)	(%)	(cm)	(%)	сл	cm	сm	cm	cm		(cm/sec)	-	(cm/sec)		
	0	0	0	0													
1	50	50	40	80													permeable
1	150	100	90	90													K>1x10 <sup>-4</sup>
8	200	50	50	100			3	4	6	7	4	17					
52	1			95			Ŭ		Ť		·						[
Nopember 19, 2005	250	100	95										6,55E-02	_	1		semi
E E	300	50	50	100									0,000-02	-	ł		permeable
E E	350	50	50	100								. –				[	$K = 1 \times 10^{-4}$
d	400	50	50	100			4	4	6	5	4	15			ł	ł	K = 1X10
2	450	50	50	100											Į	Í	
1	550	100	100	100											1		Impermeable
	600	50	50	100			5	4	5	7	5	16	2,64E-02	-			K< 1x10 <sup>-4</sup>
<b>—</b>	700	100	90	90			<u> </u>									[	
48	750	50	50	100	l	ł	ł	1	1			l I	Į		1	1	CHT=
E S	1	F	50	100		ļ	11	10	12	11	6	33			1	l	constant
Nopember 20, 2005	800	50	1		l			1	<b>1</b>		ľ	l ~~	4,87E-03	-			
	900	100	90	90	<b> </b>	<b> </b>	<b> </b>	<b> </b>	<b> </b>				4,0/ E-03		<u> </u>	<u> </u>	
Nopember 21, 2005	950	50	50	100	l		!	1		[						1	14/07
100	1000	50	50	100	1	ł	7	4	5	7	4	16				1	WPT =
128	1100	100	85	85	1		1	l	[			ţ					pressure
ļ Š.,	1150	50	50	100				I			ł	Į	1			l	test
ž	1200	50	50	100	1	[	6	4	4	8	4	16	3,06E-03	-	L	I	
~	1300	100	85	85	<b></b>	Γ							[			1	
6 6	1350	50	50	100			1		ł.	l	ł						
Nop. 22, 2005	1400	50	50	100	1		7	5	5	6	6	16				}	
<b>—</b>		50	50	100	[	· · · · · ·	┼╌╌	1-	Ť	1		1 ···			1	1	
	1450	1	ł	1	}		1				1		1,75E-03	_		1	
l ĝ	1500	50	50	100	1	1	1				1		1,702-00		1		
	1550	50	50	100	1	1	ł	1	1	1	ļ	ł			[		
Nopember 23, 2005	1580	30	30	100	1			1		1			1				
1 ê	1650	70	60	86						1	ł					1	Į
Ĩ	1700	50	50	100	1			1			1	i i				1	
1 2	1750	50	50	100	1	[		ł			1	l					
Ī	1766	16	16	100			17	18		L	19	18					
	1801	35	35	100	Τ	T		ľ					1,67E-03	-		1	
	1851	50	50	100	1	1	1	1	1	1	ł	1				1	
19	1901	50	50	100	1	1	1	1	1	1	ł	ł		]	1	1	1
20	1951	50	50	100			1		ł	1	1	I	1	1	[	[	
Nov. 25,2005	- F	1	1	1	1	1	34	1	1	1	16	0		1	1	1	1
8	1967	16	16	100		1	34	1	1	1		ľ	9,59E-04	ł .		1	
Ž	2002	35	35	100	1	1	1	1	1	1			3,00⊏+04	-		1	
1	2052	50	50	100			1	ł	1	1	1	1	1	1		1	
ļ	2102	50	50	100	ļ	<b>_</b>	<b>_</b>	<b>_</b>	<b></b>	<b> </b>	<u> </u>	<u> </u>		<u> </u>	+	+	-{
	2152	50	50	100		1	1	1	1	1		1	ł	ļ.	1	1	1
	2172	20	20	100	1	1	36		1	ł	19	0	1	l	1	1	
5	2202	30	30	100	1	1	1	I	1	ł	1	ł	1			1	
Nov. 26,2005	2252	50	50	100	1		1	1	1	1				1		1	1
6.2	2302	50	50	100	1		1	1	1	1		1	1	1		1	1
5	2352	50	50	100	1	1	[	1	1	ł	1		1	ł	1	1	1
2			ł	1	ł		1~	1	1	22	1	22	1	l	1	1	1
	2325	23	23	100	1	1	32	i	ł	14	ł	1 **	1	1	1	1	1
	2350	25	25	100	1		ł	1	ł			1	1				
	2400	50	50	100	_	<b>_</b>		<b>_</b>		<b>.</b>	<b> </b>		- <b> </b>	<b>}</b>	+	+	- <del> </del>
eć.	2450	50	50	100	1	1			1	1			1	ł	1		
12.	2500	50	50	100	1	1		1	1	ł	1		1,60E-03	-	1		
ļĝ	2550	50	50	100		1	1	1	1		1		1	1	1	1	1
Nopember 28,	2600	50	50	100			1		1					1	1	1	
2			1				1	1	1			ł		1			
			1		S		- Harrison and State										

DA-8																;	SHEET: 2 OF 3
- 1	-	z		. 1									PE	RMEAB	LITY TEST		
DATE	HOLE DEPTH	DRILLING RUN	CORE	RECOVERY	02		ST/			ENET (SPT I)		ON	CONSTAN TES	T	WAT PRESSUR	e test	REMARKS
	H						15	10	10	10	5	N	K	Lu	k (analasa)	Lu	
	(cm)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	cm	Cm	cm		(cm/sec)		(cm/sec)		
	2650	50	50 50	400													
0	2700	50 100	50 85	100 85													
lopem er 29, 2006	2800 2900	100	85	85													
Nopemb er 29, 2005	3000	100	90	90									1,93E-03	-			
	3050	50	50	100													
, 20	3100	50	50	100													
r 30	3150	50	50	100					1								
- Page	3200	50	50	100				1									
Nopember 30, 2005	3250	50	50	100				Į									
ž	3300	50	50	100	L		ļ		┣	<b> </b>			<u> </u>				<u> </u>
<u>و</u>	3350	50	50	100	l	1			ł			l	1				
2005	3400	50	50	100		1	1			1					2,42E-04	18,18	
- <del></del>	3500	100	85 50	85		1						1	<b>I</b>		2,425-04	10,10	
Desember	3550 3600	50 50	50 50	100			[										
9361	3650	50	45	90		1					1						
ă	3700	50	45	90	ł		[	1	ł	[		ļ					
	3750	50	45	90			┢╼╍	1									
ar 5,	3800	50	50	100	]		ł	{	1		1				1		
400 800 800	3850	50	50	100	1			{	1			Į					
Desember 5, 2005	3900	50	50	100			1										
	4000	100	95	95	ļ,	ļ		<b></b>	<b> </b>	<b> </b>	ļ	L	ļ		2,78E-04	20,85	
5	4100	100	85	85	1		[		1	1							
200	4150	50	50	100				1									
ŕ 6,	4200	50	50	100		į –					l			ţ			
Desember 6, 2005	4250	50	50	100 100		ł	1			1		1					
1956	4300 4400	50 100	50 100	100								1					
ă	4500	100	100	100	1	1		ł		1					2,19E-04	16,41	
	4600	100	100	100			1		1	1	T	f	1		1	1	
Desember 7, 2005	4700	100	100	100			1				1		[				
E S	4800	100	100	100					1	1	1		1		1		
, see	4900	100	100	100	1	1				1		[					
	5000	100	100	100	<b> </b>	<b> </b>	<b> </b>	-	<b> </b>	<u> </u>	<b> </b>	<b> </b>	<u> </u>	<b> </b>	2,18E-04	16,37	<b> </b>
Desember 11, 2005	5100	100	50	50							1	[					
28	5200	100	50	50	ł		1	1	1			1	1				
E R	5300	100	95 95	95 95	1			1		1			1				l
å	5400 5500	100	85	95 85	1					1			1	1	2,18E-04	16,33	
	5600	100	75	75	1	1	$\mathbf{f}$	<b>†</b>	1	$\mathbf{T}$	1-	<u>†</u>	1	†	1	1	
15	5700	100	90	90		1		1	1	1	1	1	1		]		
82 S	5800	100	90	90					1				1			ł	
Desember 13, 2005	5900	100	95	95	1									1			]
å	6000	100	100	100	<b> </b>		<b>_</b>	1		<b>_</b>	1			<b> </b>	2,26E-04	16,94	ļ
	6100	100	100		1									1		1	
ł	6200	100	100			1			1					1			
	6300	100	100	÷						1	Į	ł	1				
	6400	100	100	100		1								1	4.000 04	10.00	
	6500	100	100	100	1	1								1	1,68E-04	12,60	[
L	<u>I</u>	<u> </u>	<u> </u>	<u> </u>	1	<u>.</u>	<u> </u>	1	<u> </u>	<u> </u>	1	<u>.</u>		1	<u> </u>	1	<u></u>

DA-8															_		SHEET: 3 OF 3
		2				1							PE	RMEAB	LITY TEST	1	
DATE	HOLE DEPTH	DRILLING RUN	CORE	RECOVERY	R.O.R.		ST/ 15	ANDA T		(SPT			CONSTAN TES		WAT PRESSUR k		REMARKS
<u> </u>	(cm)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	cm	cm	cm	N	(cm/sec)	-	(cm/sec)	-	-
<u> </u>			10.00	<u></u>	<u> </u>	<u></u>											GWL (H)
	6600	100	100	100													
L	6700	100	100	100									╞╼╼╼╾┥				GWL (L)
	6800	100	100	100													0002 (1.)
2005	6900	100	100	100											4 745 03	109 20	
6	7000	100	100	100											1,71E-03	128,20	
1	7100	100	100	100									j				
ĮÃ	7200	100	100	100									t l				
Desember 15,	7300	100	100	190													
ŏ	7400	100	100	100											4 007 00	04.05	
L	7500	100	100	100	ļ	<b> </b>		ļ	ļ						1,25E-03	94,05	water lose
]	7600	100	100	100		[	ł								ļ		water lose
9	7700	100	100	100						!							water lose
N N	7800	100	100	100		[			ł								water lose
17, 2005	7900	100	100	100	1				ł	1							water lose
1 x	8000	100	100	100			ł	[		[		ļ.			5,46E-04	40,99	water lose
Desember	8100	100	100	100					1			ł					water lose
	8200	100	100	100	1	ļ			Į	1		ł					water lose
-	8300	100	100	100			1				ļ		ł				
	8400	100	100	100	<b></b>	ļ	ļ	ļ	<b> </b>	Į	<u> </u>	ļ		<b> </b>			
l 👳	8500	100	80	80	1		1		ł	{	1	1			4,57E-04	34,33	water lose
2006	8600	100	75	75	1	1		1							1		water lose
ő	8700	100	80	80		1		1				1		Į	1		
lar l	8800	100	85	85	1			1	1	1		1		[	ł		
Februari 9,	8900	100	80	80	1												water lose
	9000	100	75	75	ļ	<u> </u>	<b>_</b>		<b> </b>	<b> </b>	<b> </b>	<u> </u>		<b> </b>	3,26E-04	24,50	water lose
-	9100	100	75	75		1											water lose
17.0	9200	100	70	70			1	1			1	1	1	1	1		water lose
1 E	9300	100	65	65	l	1	1	1	1		1					1	water lose
Februari 10, 2008	9400	100	60	60		1	1		1				1			1	water lose
	9500	100	65	65	<b>_</b>	<b></b>	<u> </u>	<u> </u>	<b> </b>		<b> </b>	<b> </b>		Į	2,59E-04	19,41	water lose
8	9600	100	75	75	1		1			1	ł		1	t	1	1	water lose
20	9700	100	60	60			1	1		1				1	1		water lose
÷,	9800	100	70	70		1			1	I	1		1	1			water lose
har 1	9900	100	60	60	1	ł		1		1	1	1	1	1	1	1	water lose
Februari 11, 2006	10000	100	80	80										ł	1,80E-04	13,48	water lose

DA - 9

# CORE DRILLING AND FIELD TEST DATA

SHEET: 1 OF 3

																	SHEET: 10F3
	_	g					ST	anna	ten P	ENET	RATH	DN			LITY TEST		
DATE	HOLE	DRILLING RUN		RE	R.Q	.n.	- 31			(SPT)			CONSTAN		WATE		REMARK
8	운 방	퓙폰	RECO	VERY	1.00					( <b>-</b> , , , ,			TES	т	PRESSUR	E TEST	
	-	٥					15	10	10	10	5	N	ĸ	Lu	k	Lu	
•	(m)		(CTTI)	(%)	(cm)	(%)	cm	cπ	cm	cm	СПЭ		(cm/sec)	-	(cm/sec)	-	~
	0,00	0,00	0,00	0,00													
	50,00	50,00	50,00	100,00													
	100,00	50,00	50,00	100,00													
	150,00	50,00	50,00	100,00													
	200,00	50,00	50,00	100,00			7	10	12	14	10	36					
	250,00	50,00	50,00	100,00													
2006	300,00	50,00	50,00	100,00													
2				100,00			22					0	}				
12	320,00	20,00	20,00				1 <sup>44</sup>					ľ	ļ				
Februari 16,	400,00	80,00	80,00	100,00			1						4,21E-02				water loss
e l	500,00	100,00	100,00	100,00			ł	1					4,216-02	-			Mater 1005
	600,00	100,00	100,00	100,00					1			1	ļ				
	700,00	100,00	100,00	100,00			[		l								
	800,00	100,00	100,00	100,00			1					[	<b>!</b>				
	900,00	100,00	100,00	100,00			1		ł				1	l I	1000 40	70.00	
	1000,00	100,00	100,00		1000,00	100,00	<b> </b>	<u> </u>	<u> </u>	<b> </b>		ļ	<b> </b>		1,05E-03	79,09	
	1100,00	100,00	100,00	100,00			l					ł					
	1200,00	100,00	100,00	100,00						}		1		1			
	1300,00	100,00	100,00	100,00				1	1			ŧ		ł	l		
	1400,00	100,00	100,00	100,00		ļ	l	I		1		1	1	l			
	1500,00	100,00	100,00	100,00										1	1,03E-03	77,61	
18 S	1600,00	100,00	100,00	100,00			1	1	1						Ì		
Februari 16, 2006	1700,00	100,00	100,00	100,00			[	ł							ļ		
1	1800,00	100,00	100,00	100,00			-	ł			1	1			]		1
E E	1900,00	100,00	100,00	100,00										1			
a de	2000,00	100,00	100,00	100,00								1		ł	7,83E-04	58,76	
	2100,00	100,00	100,00	100,00							]				1		
1	2200,00	100,00	1	100,00		{		1					1				
	2300,00	100,00	1	100,00				1			[		ł				l .
	2400,00	1 .	100,00	100,00				1	ł				1				
	2500,00	1	100,00	1 1	1500,00	100,00	1				Į				6,30E-04	47,26	GINT
	2600,00		100,00				t	1	t	<b>†</b>		1	1		1		[
	2700,00	100,00	1	1 1		l	1		1					1	1	[	
	2800,00	100,00	( ···	100,00		1			1			1		}		1	
1	2900,00	100,00	. ·				1			1	]		ł				
	3000,00	100,00	1	100,00		1									4,40E-04	33,04	
2006	3100,00	1	100,00			1	1	1	1				Į				•
1.2	1 · · ·				ł		1		1		1	[		1	1		1
	3200,00	1	100,00	100,00	l		1	1	1	1	1	1	1			1	
E E	3300,00	• •		2	[		1	1	1	1	1	1	1	1	1	ł	
Februari	3400,00		100,00				1	1	1	1	1	1	1		3,93E-04	29,47	1
_	3500,00		100,00		*	1	1	1	1	1	1		1	Į	0,000-04	L.,	1
	3600,00		100,00			1	1	1	1	1	1		1	1	1	1	1
	3700,00	1	100,00		1		1	1	1	Í	ł	1		1	1		1
1	3800,00	100,00	1	,	ĺ	1	ł	1	1	1	ſ			1	1	1	
1	3900,00	100,00					1	1	1	1	l	1		1	1	1	
<b>—</b>	4000,00				1500,00	100,00				<u> </u>		┝	+	<u> </u>	0.005.01	1 4-7 4-7	
	4100,00	ł '	1 .	100,00	ł		1	1	1	1	ł		1	1	2,33E-04	17,48	1
	4200,00		1	100,00	1		1	1	1	1	ł					1	1
	4300,00		100,00		}	1	1	1	1		1		1	I	1	[	ł
l Se	4400,00	100,00	1	1 1		1	1	1	1		ł		1		1	1	1
Februari 18, 2006	4500.00	100,00	100,00	100,00	Į		1	1	1	1	1				2.40E-04	18,02	
E	4600,00	100,00	100,00	100,00	ł	ł	1			1	ł			1	1	1	ł
l II	4700,00	100,00	100,00	100,00			1	1		1	1	1		1	1	]	I
문	4800,00	100,00	•		1		1		1	1	1	1			}	1	1
1	4900,00	100,00		1	1			1	1	1	1		1			1	1
	5000,00	I	100,00	1	1000,00	100.00	1		1	1	1		1	1	3,94E-04	29,57	1
1						1					1						<u> </u>
h	1		<u> </u>							-	<u></u>	-					and the second second second second second second second second second second second second second second secon

DA - 9																	SHEET : 2 OF
	-	ø					ST	ANDA	RDP	ENET	RATIO	3N			LITY TEST		
DATE	HOLE DEPTH	DRILLING RUN		RE	RQ	.D.			TEST				CONSTAN TES		WAT		REMARK
۵	ŦΒ	IN R	REGU	VERI			15	10	10	10	5	-	ĸ	Lu	k	Lu	
	(m)		(cm)	(%)	(cm)	(%)	- 18 Cm	cm	cm	сл Сл	cm	N	(cm/sec)	•	(cm/sec)	-	<u> </u>
			(can)				<u> </u>	<u> </u>									
	5050,00	50,00	40,00	80,00													
2006	5100,00	50,00	50,00	100,00													
ŝ	5150,00	50,00	50,00	100,00													
Februari 23,	5200,00	50,00	50,00	100,00			1										
bru	5300,00	100,00	90,00	90,00			ļ										
ų.	5400,00	100,00	100,00	100,00			}	1									
	5500,00	100,00	100,00	100,00	400,00	80,00	[	ļ							3,46E-04	25,96	
	5600,00	100,00	70,00	70,00				1								1 1	
2001	5640,00	40,00	30,00	75,00													
Februari 24, 2006	5700,00	60,00	50,00	83,33					[ '								
ari	5750,00	50,00	50,00	100,00			l		ţ								
D.Q.	5800,00	50,00	50,00	100,00			[	Į									
ŭ	5900,00	100,00 100,00	80,00 70,00	80,00 70,00	400,00	80,00		ł	1				1		2,89E-04	21,71	
·	6000,00 6100,00	100,00	50,00	50,00	-00,00			<b> </b>			<b> </b>					<u> </u>	
<u>م</u>	6200,00	100,00	80,00	80.00			l								l		
11 20 18	6300,00	100,00	80,00	80,00			[	1		1							
Januari 25, 2008	6400,00	100,00	40,00	40,00													
- B	6500,00	100,00	70.00	70.00	320,00	64,00									2,58E-04	19,39	
	6600,00	100,00	60,00	60,00													
2006	6700,00	100,00	50,00	50,00			]	1	[						1		
38	6800,00	100,00	50,00	50,00			ļ.	1									
Januari	6900,00	100,00	60,00	60,00				1									
an	6950,00	50,00	50,00	100,00						[	1						
	7000,00	50,00	30,00	60,00	300,00	60,00		<u>}</u>	<u> </u>	<del> </del>	<b> </b>		<u> </u>	<u> </u>	2,49E-04	18,70	<u> </u>
5	7100,00	100,00	70,00	70,00			1	1	[	1	ł		1		Į		
1uari 2 2006	7200,00	100,00	80,00	80,00 60,00								}			ł		
Januari 27, 2006	7400,00	100,00		70,00			1	1	]				ļ	ļ			
5	7600,00	100,00	ł	80,00	360,00	72,00			l	1			ł		2,01E-04	15,11	
	7580,00	80,00	80,00	100,00			1			<u> </u>	1				[		
ğ	7665,00	85,00	85,00	100,00		1			Į	ł							
Januari 28, 2006	7740,00	75,00	75,00	100,00						[	1			[	ļ		
12	7810,00	70,00	70,00	100,00			1	1	1	1	[						
BNU	7870,00	60,00	60,00	100,00						{							
e,	7930,00	60,00	60,00	100,00							l						
┣	8000,00	70,00	70,00	100,00	500,00	100,00		╂	<u> </u>	_		<b> </b>	+	<u> </u>	2,89E-04	21,71	
8	8100,00	100,00	100,00	100,00	1		1				1	1		l	1		
9,21	8185,00 8265,00	85,00	85,00	100,00	İ	1	1	1		1	1	1	1	l			
12	8335,00	70,00	70,00	100,00	ł	1	1		1	1	1	1					
Januari 29, 2006	8405,00	70,00	70,00	100,00		]	1	1		1	1		1		ł		
	8500,00	95,00	95,00	100,00		100,00		1							1,82E-04	13,64	
<b></b>	8570,00	70,00	70,00	100,00				1									
	8630,00	60,00	60,00	100,00	1		1	1	1	1		1	1		1	1	
	8700,00	70,00	70,00	100,00	}		1	1		1	1		1		ł		
	8800,00	100,00			1	1	1	1		1		ļ	1		l		
3	8880,00	80,00	80,00	100,00	1	1	1	1			1				1		
Februari 26, 2006	8940,00	60,00	60,00	100,00			1	1		1						1	
1 26	9000,00	60,00	60.00	100,00		ł	1	1							1,91E-04	14,30	
l 2	9085,00	85,00	85,00	100,00		I	1			1			1	]			
Feb	9160,00	75,00	75,00	100,00	•	1		1					1		1		
_	9240,00	80,00	80,00	100,00	•	ł			1				1	1		1	
1	9320,00 9370,00	80,00 50,00	80,00 50,00	100,00	1	ł		1					1		1		
1	9370,00	50,00	50,00	100,00			1	[		1		1			1		
1	9470,00		50,00	4	970,00	100	1	ł	1	ł	1		1	1	1		

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DA - 9												<u> </u>	<u> </u>			<u>.</u>	SHEET : 3 OF
		0										~~~	PE	RMEAB	LITY TEST		
DATE	HOLE DEPTH	DRILLING		RE WERY	RQ	LD.	51			(SPT)	RATI	JN	CONSTAN TES		WAT PRESSUR		REMARK
	-	ä					15	10	10	10	5	N	к	Lu	k	Lu	
1	(m)		(cm)	(%)	(CITI)	(%)	cm	ជារ	cm	cm	ເຫ		(cm/sec)	•	(cm/sec)		-
	9500,00	30,00	30,00	100,00											1,99E-04	14,95	
	9560,00	60,00	60,00	100,00													
	9610,00	50,00	50,00	100,00													
	9665,00	55,00	55,00	100,00													
Februari 27, 2006	9730,00	65,00	65,00	100,00			1										
7, 2	9785,00	55,00	55,00	100,00			Į						[				
11 2	9835,00	50,00	50,00	100,00			[						İ				
nue	9875,00	40,00	40,00	100,00			[										
Fet	9935,00	60,00	60,00	100,00													
	9980,00	45,00	45,00	100,00									1				
	10000,00	20,00	20,00	100,00	530,00	100,00									1,76E-04	13,22	

## CORE DRILLING AND FIELD TEST DATA

SHEET : 1 OF 3

																	HEET : 1 OF 3
	1			≻									PE	RMEAB	LITY TEST		
ш	ᆈ폰	DRILLING	щ	RECOVERY	6		STA	NDAR			ASI	FEST	CONSTAN	THEAD	WATE	R	
DATE	HOLE	32	CORE	ğ	R.a.D.	·			(SF	7)			TES		PRESSURE		REMARKS
	<b>=</b>	К П	o o	S	- E		15	10	10	10	5		к	Lu	k	Lu	
<b> </b>		<u> </u>			(		is Cin	cm	cm	cm	cm	N	(cm/sec)		(cm/sec)		
<u> </u>	(cm)	(cm)	(cm)	(%)	(cm)	(%)							(CINSEC)		(CITESCC)		
Januari 8, 2006																	
20	Moving m	achine	from DJ	1.8 to F	(A+10					1							
7.00																	
	0	0	0	0													
1	50	50	50	100													
1	100	50	45	90													
g	150	50	40	80													
l ã	200	50	40	80	ĺ												
Januari 9, 2006	250	50	40	80													
1 2	300	50	30	60													
l le	350	50	35	70													
1	400	50	30	60	1												
1	450	50	30	60			ł										
	500	50	30	60									5,40E-02				water loss
	<u></u>	_	<del></del>	<del>}</del> =	ł		L	<u>+</u>	<u> </u>		<u>}</u>	<u> </u>					
	550	50	40	80		ł		1			[	ł	ł				
8	600	50	45	90		l		.			1	1	1				
Ř	700	100	90	90		ł	l	l -			1		[	1			
Januari 10, 2006	750	50	50	100		l					[		1				
1 Te	600	50	40	80			1							ł			
l le	850	50	45	90				1	1					ļ			
<b>1</b>	900	50	45	90	1									1			
	1000	100	90	90				<u> </u>			<u> </u>		2,95E-02	-			water loss
	1100	100	95	95		1					1	1	1		Į		
Januari 11, 2006	1200	100	100	100		Į		ł –									
140	1300	100	100	100		]	1			ļ							
l a c	1400	100	100	100		1			1			1		İ 👘			
<b>~</b>	1500	100	100	100	1				1	[		ł		!	5,90E-04	44,66	water loss
	1600	100	90	#####	4	t			<u> </u>		$\square$		1	<u> </u>	1		
2	1700	100	95	90		•						1		1		}	
128	1800	100	90	#####						Į						ļ	
Januari 12, 2006	1900	100	100	100	1	1	1	l	1							ł	
1 3	2000	100	100	#####		1		1	[	ļ		1			4,88E-04	36,62	water loss
				90	1	┼──	┼──	+		<del> </del>	┢──	† · · ·					nananakanak
6	2100	100	90	ł			1		1	ł	1						
58	2200	100	95	95	ł	1	]			1	1					1	
anuari 13, 2006	2300	100	90		1	1	ł	Į	ł –	l			1	1			
13	2400	100	100	100		l	ł	[	1	1	1	1		1	2005.04		
	2500	100	100	100	<b> </b>	Į	╂	<b> </b>	<b> </b>	<b> </b>	<b></b>		<u> </u>	<b> </b>	3,83E-04	28,75	water loss
-	2600	100	100	100	1	ł	1	1	1	1	1	1	1	l		ł	1
Š	2700	100	100	100	1	1	Í	1		l	1	1	1	1			
Januari 14, 2006	2800	100	100	100		1	Ì	1	1		1		1	1		l	
Ĩ	2900	100	100	100	1	1	1	ļ		ļ	1	1	1	1			
E E	3000	100	100	100										1	3,44E-04	25,81	water loss
Ē	3100	100	100	100	1	F	1	1	1		1		1		1		]
	3200	100	100	100	<u> </u>	<u> </u>		1	<b></b>	<u> </u>	I	ļ	<b>_</b>	ļ	ļ	ļ	Į
	3300	100	100	100	1		1		1		1		l			1	l
1_	3400	100	100	100	1	1	1		ļ	1	1	1	1		•	1	
8	3500	100	1		1	1	1	1	ł		ł	1	1	1	5,63E-04	42,22	water loss
9,2	3600	100			l I	1	1		1		ł	1	1	1	1		[
1	3700	100	1	100	1	1	1	1	1	1	1	1	1	1	1	1	
Januari 16, 2006	3800	100	I I	100	ł	1	1	1	1	1		1	1		ł	l	
<del>"</del>	í		ł	ł	1	1	1	1	1	1	1	1	ł	1		1	1
1	3900	100		100		1	1	1	1	1	1	1			3 445 44	200	uplay have
	4000	100		-		–	<b> </b>		<b></b>		╂—		<u> </u>	<b> </b>	3,44E-04	25,84	water loss
1.5	4100	100	4	1		1	1		1	1	1		1		1		
Januari 17, 2008	4200	100		100		1	1		1	1	ł	1	1	1	1	1	
South State	4300	100	100	100	1	1			1	1		1	1			1	
an l					ł	1		1	1	1		1		1	1	1	
1	1			1	1	<u> </u>	1		1	1		1	<u> </u>	L	1	1	<u>L</u>

DA - 10																S	HEET : 2 OF 3
_				Σ									PI	RMEAB	LITY TEST		
DATE	HOLE DEPTH	DRILLING	CORE	COVER	R.O.D.		STAI	NDAR	D PE (SI	NETR PT)	ASI	151	CONSTAN TES		WATT PRESSUR		REMARKS
	-0	Б	Ŭ	Ř		:	15	10	10	10	5	N	к	Lø	k	Lu	
•	(cm)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	cm	cm	ст	N	(cm/sec)	-	(cm/sec)	•	-
	4400 4500 4600	100 100 100	100 100 100	100 100 100											3,21E-04	24,10	water loss
90	4700 4800 4900	100 100 100	100 100 100	100 100 100													
Januari 18, 2006	5000 5100 5200 5250	100 100 100 50	100 100 100 50	100 100 100 100											4,00E-04	30,00	water loss
	5300	50	20	40		<u> </u>								L			
Jan.21 22,2006	h	Je pro	abiern														
Januari 22, 2006	5350 5400	50 50	45 30	90 60													
, an	5450 5500	50 50	30 25	60 50											4,20E-04	31,50	water loss
Jan.22- 23,2006		nde pir	blem														
8	5600	100	70	70													
Januari 24, 2006	5650	50	45	90													
2	5700 5800	50 100	40 90	80 90		1							]				
	5900	100	90	90													
<u> </u>	6000	100	95	95			<u> </u>		<u> </u>				L		1,40E-04	10,48	
9	6050 6100 6150	50 50 50	50 40 50	100 80 100													
nuari 25, 2006	6200 6300 6400 6500	50 100 100 100	40 80 95 90	80 80 95 90											2,15E-04	16,16	
ШŔĻ	6600 6700 6800 6900	100 100 100 100	85 90 80 95	85 90 80 95													
2008	7000 7150	100 150	80 140	80 93											2,09E-04	15,67	
Januari 26, 2006	7250 7350	100 100	90 95	90 95													
	7400	50 100	45 85	90 85									1		2,02E-04	15,12	
Jan.27,28, 29, 2006	Mactur	e and l	iole pri	blem													
Januari 30, 2006	7550 7600 7700	50 50 100	45 50 80	90 100 80													
Januari	7800 7900 8000	100 100 100	85 85 90	85 85 90											1,47E-04	11,30	
L	<u>  </u>		L	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u> </u>	]	<u> </u>	<u>I</u>	L	<u> </u>

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DA - 18 SHEET : 3 C														HEET: 3 OF 3				
			-	<u>ک</u>										PERMEABILITY TEST				
DATE		HOLE DEPTH	DRILLING	CORE RECOVERY		R.Q.D.		STANDARD PENETRASI TEST (SPT)						CONSTANT HEAD TEST		WATER PRESSURE TEST		REMARKS
								15	15 10	10 1	10	5	N	ĸ	Lu	k	Lu	
	•	(cm)	(cm)	(cm)	(%)	(cm)	(%)	cm	cm	CITI	cm	cm		(cm/sec)	+	(cm/sec)	-	•
Januari 31, 2006	T																	
		8100	100	80	80													
	_	8200	100	85	85													
	<u>ā</u>	8300	100	90	90													
	5	8400	100	85	85													
	Ta l	8500	100	80	80									1		1,47E-04	11,02	
	R	8600	100	85	85										1			
	~	8700	100	85	85		Į	1										
L		8800	100	80	80			<u> </u>						ļ	ļ			L
	8	8900	100	80	80	1	ł					l			Í	1,17E-04	8,75	
Januari 1, 2006	ða l	9000	100	80	80		[					l			}			
	÷.	9100	100	85	85			1				[		1			[	
	Lar	9200	100	85	85	1		ł		1		]						
	Jan J	9300	100	80	80	1											1	
		9400	100	85	85	<b> </b>	ļ	<u> </u>	ļ	<b> </b>	<b> </b>	┣	ļ	<b></b>	<b> </b>			
Februari 2. 2006	_	9500	100	80	80		1	1	ł		Į	ł				1,30E-04	9,75	
	800	9600	100	85	85	ł	1		Į			1					l	1
	2,2	9700	100	90	90	1	1				1	E		ł			}	
	Jarí	9800	100	85	85			1			Į	I	[		1		1	
	nde	9900	100	90	90				1		ł		1	1	1	9.69E-04	7,27	[
1	ц,	10000	100	90	90	1	1		!	1						3,000-04	1,21	ł
		1	1	f	i	i	ł	1	1	L	L	1	<u> </u>	1		<u></u>		the second second second second second second second second second second second second second second second s