Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-18)

<u></u>	r	· · · · · · · · · · · · · · · · · · ·				Total		
		Survey period	 		Breakdown			kers
	Per	iod	Tota	days	Working days	No working days	Engineers	Workers
Preparation	14 Aug., '02 ~	~ 14 Aug., '02	0.0	31	0.031		0.125	0.3125
Drilling	14 Aug '02 o	~ 14 Aug., '02	0.1	88	Drilling : 0.188	_	0.75	1.875
		· · · / · · · · · · · · · · · · · · · ·			Accident: 0.000	_	0	0
Dismount	14 Aug., '02 ~	~ 14 Aug., '02	0.031		0.031		0.125	0.3125
Total	14 Aug., '02 -	~ 14 Aug., '02	0.2	50	0.250		1	2.5
			Drillin	ng Lengt	:h			
Programmed I	ength	45.00 m	Ove	rburden	, sand & gravel,	Quarternary	4	.00 m
Prolongation		-28.00 m		Core	e length		13	.00 m
Effective leng	th	17.00 m		Core	e recovery		1	00.0 %
	Workin	g hours			Core re	e recovery by each 10 meters		
Drilling		2.0 hrs	66.7%	33.3%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	1.0 hrs	33.3%	16.7%	0 - 1.0	None core	None	core
Recovery from	n accident	-	-	-	1.0 - 10.0	100.0	100).0
Subtotal		3.0 hrs	100%	50.0%	10.0 - 17.0	100.0	100).0
Preparation/s	etting up	0.5 hrs	_	8.3%	· · · · · · · · · · · · · · · · · · ·			
Dismount/mo	bilization	0.5 hrs	-	8.3%	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Transportatio	n of water	2.0 hrs		33.3%		Efficiency		
Others					Effective lengt	h / Working dri	illing days	
					= 17.00m/0.18	8 days = 96.0 n	n/d	
					Effective lengt	h / Total drillir	ıg shifts =	
Total		6.0 hrs	-	100%	= 17.00m/0.37	5 shifts = 48.0	m/shift	
		Dri	lling len	sth by d	iameter			
Bit diameter		92mm ϕ					То	tal
Drilling length		17.00 m					17.0	00 m
Core length		13.00 m				13.0		00 m
]	inserted	casing	oipes			
Inserted lengt	Inserted length by diameter Inserte			Drilling le	ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-19)

		Survey period			Breakdowr	n of period	1	tal kers
	Per	riod	Tota	l days	Working days	No working days	Engineers	
Preparation	14 Aug., '02 -	~ 14 Aug., '02	0.0)31	0.031		0.125	0.3125
Drilling	14 Aug '02 a	~ 14 Aug., '02	0.1	00	Drilling : 0.188	_	0.75	1.875
Drining	14 Aug., 02 *	~ 14 Aug., 02	0.1	00	Accident: 0.000	-	0	0
Dismount	14 Aug., '02 -	~ 14 Aug., '02	0.031		0.031		0.125	0.3125
Total	14 Aug., '02 -	~ 14 Aug., '02	0.250		0.250		1	2.5
			Drillin	ng Leng	th			
Programmed I	ength	45.00 m	Ove	rburden	, sand & gravel,	Quarternary	1	.00 m
Prolongation		-26.00 m		Core	e length		18	.00 m
Effective leng	th	19.00 m		Core	e recovery		1	0.0 %
	Workin	ig hours			Core re	covery by each	10 meter	'S
Drilling	· · · · ·	2.0 hrs	66.7%	33.3%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	1.0 hrs	33.3%	16.7%	0 - 1.0	None core	None	core
Recovery from	n accident	-	-	-	1.0 - 10.0	100.0	100).0
Subtotal		3.0 hrs	100%	50.0%	10.0 - 19.0	100.0	100).0
Preparation/s	etting up	0.5 hrs	-	8.3%				
Dismount/mo	bilization	0.5 hrs	-	8.3%				
Transportatio	n of water	2.0 hrs	-	33.3%		Efficiency		
Others					Effective lengt	h / Working dri	lling days	
		:			= 19.00m/0.18	8 days = 101.33	3 m/d	
					Effective lengt	h / Total drillin	g shifts =	
Total		6.0 hrs	_	100%	= 19.00m/0.37	5 shifts = 50.67	/ m/shift	
	· · · · · · · · · · · · · · · · · · ·	Dri	lling leng	sth by d	iameter			
Bit diameter		92mm ϕ					То	tal
Drilling length		19.00 m					19.0)0 m
Core length		18.00 m				18.0		
		J	inserted	casing (pipes			
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-20)

		Survey period	ł		Breakdowr	n of period		tal kers
	Per	riod	Tota	days	Working days	No working days	Engineers	
Preparation	7 Aug., '02 -	~ 7 Aug., '02	0.0	31	0.031		0.125	0.3125
Drilling	7 Aug '02 c	~ 7 Aug., '02	0.4	20	Drilling : 0.438		1.75	4.375
Drining	7 Aug., 02 *	~ / Aug., 02	0.4	.30	Accident: 0.000	—	0	0
Dismount	7 Aug., '02 -	~ 7 Aug., '02	0.0	31	0.031	_	0.125	0.3125
Total	7 Aug., '02 r	~ 7 Aug., '02	0.500		0.500		2	5
		•	Drillin	ng Lengt	:h			
Programmed l	ength	• 45.00 m	Ove	rburden	, sand & gravel,	Quarternary	8	.00 m
Prolongation	ation -33.00 m Core length				4	.00 m		
Effective leng	th	12.00 m Core recovery			1	00.0 %		
	Workin	ig hours			Core re	covery by each	n 10 mete	rs
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 9.0	None core	None	core
Recovery from	n accident			-	9.0 - 12.0	100.0	10	0.0
Subtotal		7.0 hrs	100%	70.0%				
Preparation/s	etting up	0.5 hrs	-	5.0%				
Dismount/mot	oilization	0.5 hrs	-	5.0%				
Transportation	n of water	2.0 hrs	-	20.0%		Efficiency		
Others					Effective lengt	h / Working dr	illing days	
<u> </u>					= 12.00m/0.43	75 days = 27.4	3 m/d	
					Effective lengt	h / Total drillir	ng shifts =	
Total		10.0 hrs		100%	= 12.00m/0.87	5 shifts = 13.7	1 m/shift	
		Dr	illing len	gth by d	iameter			
Bit diameter		92mm Ø					Тс	tal
Drilling length		12.00 m					12.	00 m
Core length 3.00 m					3.	00 m		
			Inserted	casing	pipes			
Inserted lengt	h by diameter	Inserted le	ength / [Drilling le	ength	Casing re	ecovery	
	·							

		Survey period	4		Breakdowr	of period		otal kers	
	Per	iod	Tota	days	Working days	No working days	Engineers	1	
Preparation	7 Aug., '02 -	~ 7 Aug., '02	0.0	31	0.031	-	0.125	0.312	
Drilling	7 Aur '02 a	~ 7 Aug., '02	0.4	20	Drilling : 0.438	-	1.75	4.375	
Drilling	7 Aug., 02 -	• 7 Aug., 02	0.4	30	Accident: 0.000	_	0	0	
Dismount	7 Aug., '02 🥤	~ 7 Aug., '02	0.0	31	0.031	-	0.125	0.312	
Total	7 Aug., '02	~ 7 Aug., '02	0.5	00	0.500		2	5	
			Drillir	ng Lengt	th		-		
Programmed I	ength	45.00 m	Ove	rburden,	, sand & gravel, (Quarternary	/ 5.00		
Prolongation		-27.00 m		Core	e length		13.00		
Effective leng	th	18.00 m		Core	e recovery		100.		
	Workin	g hours			Core red	covery by each	n 10 meter	rs	
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	Each (%)	Cumu	ıla. (%)	
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 5.0	None core	None	core	
Recovery from	n accident	· _	-	-	5.0 - 10.0	100.0	100	<u>.</u>	
Subtotal		7.0 hrs	100%	70.0%	10.0-18.0	100.0	100	0.0	
Preparation/s	etting up	0.5 hrs	-	5.0%			100.0		
Dismount/mol	bilization	0.5 hrs	-	5.0%					
Transportatio	n of water	2.0 hrs	-	20.0%		Efficiency			
Others					Effective lengt	h / Working dr	illing days		
					= 18.00m/0.43	75 days = 41.1	43 m/d		
					Effective lengt	h / Total drillir	ng shifts =		
Total		10.0 hrs		100%	= 18.00m/0.87	5 shifts = 20.5	7 m/shift	2-1	
		Dr	illing leng	gth by d	iameter				
Bit diameter		92mm Ø					То	tal	
Drilling length		18.00 m					18.	00 m	
Core length		13.00 m					13.00		
			Inserted	casing	pipes				
Inserted length by diameter		Inserted le	Inserted length / Drilling le			Casing re	covery		
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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-21)

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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-22)

		Survey period			Breakdow	n of period	ł	tal kers
	Per	iod	Total	days	Working days	No working days	Engineers	
Preparation	6 Aug., '02 -	~ 6 Aug., '02	0.0	03	0.03	_	0.125	0.3125
Drilling	6 Aug '02 a	~ 6 Aug., '02	0.:	25	Drilling : 0.25		1	2.5
Drinnig	U Aug., UZ	• 0 Aug., 02	0.4	20	Accident: 0.00		0	0
Dismount	6 Aug., '02 ~	~ 6 Aug., '02	0.0	03	0.03		0.125	0.3125
Total	6 Aug., '02 -	~ 6 Aug., '02	0.31		0.31		1.25	3.125
			Drillir	ng Leng	h			
Programmed I	ength	45.00 m	Ove	rburden	, sand & gravel,	Quarternary	7	.50 m
Prolongation				Core	elength		3	.00 m
Effective leng	th	8.00 m	m Core recovery			1	00.0 %	
	Workin	g hours			Core re	covery by each	10 meter	rs
Drilling	i	3.0 hrs	75.0%	42.9%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	1.0 hrs	25.0%	14.3%	0 - 5.0	None core	None	core
Recovery from	n accident	_	-	-	5.0 - 8.0	100.0	100).0
Subtotal		4.0 hrs	100%	57.1%				
Preparation/s	etting up	0.5 hrs	-	7.1%				
Dismount/mol	oilization	0.5 hrs	-	7.1%				
Transportation	n of water	2.0 hrs	-	28.6%		Efficiency		
Others					Effective lengt	h / Working dri	illing days	
					= 8.00m/0.25 d	days = 32.00 m.	/d	
					Effective lengt	h / Total drillir	ng shifts =	
Total		7.0 hrs	_	100%	= 8.00m/0.50 s	shifts = 16.00 n	n/shift	
		Dri	lling leng	gth by d	iameter			
Bit diameter		4″TB	92m	imφ			To	tal
Drilling length		0.00 m	8.0	0 m			8.	00 m
Core length	Core length 0.00 m			0 m			3.	00 m
]	nserted	casing	pipes			
Inserted lengt	h by diameter	Inserted le	ength / Drilling length		ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-23)

		Survey period			Brea	kdowr	of period	1	tal kers
	Per	iod	Total	days	Working	days	No working days	Engineers	
Preparation	6 Aug., '02 ~	~ 6 Aug., '02	0.0	03		0.03	_	0.125	0.312
Drilling	6 Aug., '02 ~	~ 6 Aug '02	0.3	21	Drilling :	0.31	·	1.25	3.125
Drilling	0 Aug., 02 ^	- 0 Aug., UZ	0.0	51	Accident:	0.00	-	0	0
Dismount	6 Aug., '02 ~	~ 6 Aug., '02	0.0	03		0.03	-	0.125	0.312
Total	6 Aug., '02 ~	~ 6 Aug., '02	0.:	38		0.38	_	1.5	3.75
			Drillir	ng Leng	th				
Programmed lo	ength	45.00 m	Overburden, sand & gravel, Quarternary			Quarternary	5	.00 m	
Prolongation		-30.00 m		Core	e length			8	.00 m
Effective lengt	h.	15.00 m		Core	e recovery	overy		10	00.0 %
	Workin	g hours			Co	ore rea	covery by each	10 meter	rs
Drilling		4.0 hrs	80.0%	50.0%	Length	(m)	Each (%)	Cumu	ila. (%)
Supplemental	drilling work	1.0 hrs	20.0%	12.5%	0 -	6.0	None core	None	core
Recovery from	n accident	-	-	-	6.0 - 1		100.0	100	
Subtotal		5.0 hrs	100%	62.5%	10.0 - 1	15.0	100.0	100.0	
Preparation/s	etting up	0.5 hrs	-	6.3%					
Dismount/mot	oilization	0.5 hrs	-	6.3%				1.	
Transportation	n of water	2.0 hrs	-	25.0%			Efficiency		
Others					Effective	lengt	h / Working dri	illing days	
					= 15.00m	/0.312	25 days = 38.40	0 m/d	
					Effective	lengtl	h / Total drillin	ng shifts =	
Total		8.0 hrs		100%	= 15.00m	/0.62	5shifts = 19.20	m/shift	
		Dri	illing len	sth by d	iameter				
Bit diameter		4″TB	92m	mφ			vet	То	tal
Drilling length		0.00 m	15.0	0 m				15.0	00 m
Core length		0.00 m	8.0	0 m		8.00			00 m
		1	Inserted	casing	pipes				
Inserted lengt	h by diameter	Inserted le	ength / [Drilling l	ength		Casing re	covery	
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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-24)

		Survey period	1		Breakdow	n of period		ital kers
	Per	riod	Tota	days	Working days	No working days	Engineers	
Preparation	6 Aug., '02 -	~ 6 Aug., '02	0.0	03	0.03	_	0.125	0.3125
Drilling	6 Aug '02 c	~ 6 Aug., '02	0.1	10	Drilling : 0.19		0.75	1.875
Drining	0 Aug., 02 *	- 0 Aug., 02	0.	19	Accident: 0.00	. —	0	0
Dismount	6 Aug., '02 -	~ 6 Aug., '02	0.0	03	0.03	-	0.125	0.3125
Total	6 Aug., '02 -	~ 6 Aug., '02	0.2	25	0.25		1	2.5
			Drillir	ng Lengt	th			
Programmed I	ength	45.00 m	Ove	rburden	, sand & gravel,	Quarternary	10	.00 m
Prolongation		-33.00 m		Core	e length		2	.00 m
Effective leng	th	12.00 m		Core	e recovery		1	00.0 %
	Workin	g hours			Core re	covery by each	10 meter	rs
Drilling		3.0 hrs	75.0%	42.9%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	1.0 hrs	25.0%	14.3%	0 - 4.0	None core	None	core
Recovery from	n accident	-	-	-	4.0 - 10.0	100.0	100.0	
Subtotal		4.0 hrs	100%	57.1%	10.0 - 12.0	100.0	100	0.0
Preparation/s	etting up	0.5 hrs	-	7.1%				
Dismount/mot	pilization	0.5 hrs	-	7.1%				
Transportatior	n of water	2.0 hrs	-	28.6%		Efficiency		
Others					Effective lengt	h / Working dri	illing days	
					= 12.00m/0.31	25 days = 38.40	0 m/d	
					Effective lengt	h / Total drillin	ng shifts =	
Total		7.0 hrs	-	100%	= 12.00m/0.62	5shifts = 19.20	m/shift	
		Dri	lling leng	sth by d	iameter			
Bit diameter		4″TB	92m	mφ			To	tal
Drilling length		0.00 m	12.0	0 m			12.	00 m
Core length 0.00 m			8.0	0 m			8.	00 m
			inserted	casing	pipes			
Inserted lengt	h by diameter	Inserted le	ength / Drilling length		ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-25)

		Survey period	 		Breakdo	own of period		otal kers
·	Pei	riod	Tota	l days	Working day	vs No working days	Engineers	
Preparation	13 Aug., '02 ·	~ 13 Aug., '02	0.0)31	0.0	3 —	0.125	0.3125
Drilling	13 Aug '02 /	~ 13 Aug., '02		38	Drilling : 0.4	4 —	1.75	4.375
	107108., 02				Accident: 0.0	0 -	0	0
Dismount	13 Aug., '02 -	~ 13 Aug., '02	0.031		0.0	3 —	0.125	0.3125
Total	13 Aug., '02 -	~ 13 Aug., '02	0.500			0 -	2	5
			Drilli	ng Leng	th			
Programmed I	ength	-	Ove	rburden	, sand & grave	l, Quarternary	2	.00 m
Prolongation		-		Core	e length		27	.00 m
Effective leng	th	29.00 m		Core	e recovery		1	00.0 %
· · · · · · · · · · · · · · · · · · ·	Workir	g hours			Core	recovery by eacl	h 10 meter	rs
Drilling		5.0 hrs	71.4%	41.7%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	2.0 hrs	28.6%	16.7%	0 - 10.0	None core	None	core
Recovery from	n accident		-	-	10.0 - 20.0		100	0.0
Subtotal		7.0 hrs	100%	58.3%	20.0 - 29.0	100.0	100).0
Preparation/s	etting up	0.5 hrs	-	4.2%				
Dismount/mo	bilization	0.5 hrs	-	4.2%				
Transportatio	n of water	4.0 hrs	-	33.3%		Efficiency		
Others					Effective len	gth / Working dr	illing days	
					= 29.00m/0.4	4375 days = 66.2	8m/d	
					Effective len	gth / Total drillir	ng shifts =	
Total		12.0 hrs	-	100%	= 29.00m/0.8	375 shifts = 33.14	4 m/shift	
		Dri	lling leng	sth by di	iameter			
Bit diameter		4″TB	92m	mφ			То	tal
Drilling length		0.00 m	29.0) m			29.0	00 m
Core length		0.00 m	27.0	Dm			27.0)0 m
		I	nserted	casing p	oipes			
Inserted lengt	Inserted length by diameter Inserted I			ength / Drilling length		Casing re	covery	
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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-26)

		Survey period	· · · · · · · · · · · · · · · · · · ·		Breakdow	n of period		ital kers
	Per	iod	Total	days	Working days	No working days	Engineers	
Preparation	13 Aug., '02 ~	- 13 Aug., '02	0.0	31	0.03		0.125	0.3125
	10.4	10 4	0.4	20	Drilling : 0.44	-	1.75	4.375
Drilling	13 Aug., '02 ~	- 13 Aug., 02	0.4	30	Accident: 0.00	_	0	0
Dismount	13 Aug., '02 ~	✓ 13 Aug., '02	0.031		0.03	-	0.125	0.3125
Total	13 Aug., '02 ~	- 13 Aug., '02	0.5	0.500 0.50				5
	-		Drillir	ng Lengt	:h		. .	
Programmed	length	-	Ove	rburden,	, sand & gravel,	Quarternary	4	.00 m
Prolongation	Prolongation -			Core	e length		23	.00 m
Effective leng	ţth	27.00 m		Core	e recovery		1	00.0 %
	Workin	g hours			Core re	ecovery by eacl	h 10 mete	rs
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	Each (%)	Cumu	ıla. (%)
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 10.0	None core	None	core
Recovery from	m accident			-	10.0 - 20.0	100.0		
Subtotal		7.0 hrs	100%	70.0%	20.0 - 27.0	100.0	10	0.0
Preparation/s	setting up	0.5 hrs	-	5.0%				
Dismount/mo	bilization	0.5 hrs	-	5.0%				
Transportatio	n of water	2.0 hrs	-	20.0%		Efficiency		
Others					Effective leng	th / Working di	rilling days	
					= 27.00m/0.4	375 days = 61.7	/1m/d	
					Effective leng	th / Total drilli	ng shifts =	:
Total		10.0 hrs		100%	= 27.00m/0.8	75 shifts = 30.8	6 m/shift	
		Dr	illing len	gth by d	liameter			<u>.</u>
Bit diameter		4″TB	92m	nm Ø			То	otal
Drilling length	1	0.00 m	27.0	0 m			27.	00 m
Core length	Core length 0.00 m			0 m	<u> </u>		23.	00 m
			Inserted	casing	pipes			
Inserted length by diameter Inserted len				ength / Drilling length		Casing r	ecovery	
							· · · · · · · · · · · · · · · · · · ·	

		Survey period			Breakdow	n of period	1	otal kers
	Per	riod	Tota	days	Working days	No working days	Engineers	
Preparation	22 Aug., '02 ·	~ 22 Aug., '02	0.0	31	0.03	-	0.125	0.3125
Drilling	22 Aug '02	~ 22 Aug., '02	0.4	38	Drilling : 0.44	_	1.75	4.375
Drining	22 Aug., 02	- 22 Aug., 02	0.4		Accident: 0.00	-	0	0
Dismount	22 Aug., '02 •	~ 22 Aug., '02	0.0	31	0.03		0.125	0.3125
Total	22 Aug., '02 ·	~ 22 Aug., '02	0.5	00	0.50	-	2	5
		· · · · · · · · · · · · · · · · · · ·	Drillin	ng Lengt	:h			
Programmed	length	-	Ove	rburden	, sand & gravel,	Quarternary	5	.00 m
Prolongation		_		Core	e length		1	.00 m
Effective leng	th	6.00 m		Core	e recovery	<u> </u>	1	00.0 %
	Workir	ng hours	ours Core recovery by			covery by each	10 meter	rs
Drilling		5.0 hrs	71. 4%	50.0%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 5.0	None core	None	core
Recovery from	n accident	-	-	-	5.0 - 6.0	100.0	100).0
Subtotal		7.0 hrs	100%	70.0%				
Preparation/s	etting up	0.5 hrs	-	5.0%				
Dismount/mo	bilization	0.5 hrs	-	5.0%				
Transportatio	n of water	2.0 hrs	-	20.0%		Efficiency		
Others					Effective leng	th / Working dri	lling days	
	,,,,,,, _				= 6.00m/0.437	5 days = 13.71ı	m/d	
					Effective leng	th / Total drillin	ıg shifts =	
Total		10.0 hrs	-	100%	= 6.00m/0.875	shifts = 6.86 m	n/shift	
		Dri	lling leng	sth by di	iameter			
Bit diameter		4″TB	92m	mφ			То	tal
Drilling length		0.00 m	6.0	Dm			6.0	00 m
Core length		0.00 m	5.0	0 m			5.0	00 m
		I	nserted	casing p	pipes			
Inserted lengt	Inserted length by diameter Inser			Drilling le	ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-27)

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-28)

		Survey period	1		Breakdow	n of period		ital kers
	Per	riod	Tota	l days	Working days	No working days	Engineers	
Preparation	16 Aug., '02 -	~ 16 Aug., '02	0.0	031	0.03		0.125	0.3125
Drilling	16 Aug. '02 c	~ 16 Aug., '02	04	38	Drilling : 0.44	-	1.75	4.375
Diming	10 Aug., 02	- 10 Aug., VZ	0.4	50	Accident: 0.00	_	0	0
Dismount	16 Aug., '02 -	~ 16 Aug., '02	0.031		0.03		0.125	0.3125
Total	16 Aug., '02 -	~ 16 Aug., '02	0.500		0.50		2	5
			Drilli	ng Leng	th			
Programmed I	ength	_	Ove	rburden	, sand & gravel,	Quarternary	10	.00 m
Prolongation		-		Core	e length		5.	00 m
Effective leng	th	15.00 m		Core	e recovery		10	0.0 %
	Workin	g hours			Core re	covery by each	10 meter	s
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 10.0	None core	None	core
Recovery from	n accident		-	-	10.0 - 15.0	100.0	100).0
Subtotal		7.0 hrs	100%	70.0%				
Preparation/s	etting up	0.5 hrs	_	5.0%				
Dismount/mol	bilization	0.5 hrs		5.0%				
Transportation	n of water	2.0 hrs	-	20.0%		Efficiency		
Others					Effective lengt	h / Working dri	lling days	
					= 15.00m/0.43	75 days = 34.2	9m/d	
					Effective lengt	h / Total drillin	ig shifts =	· .
Total		10.0 hrs	_	100%	= 15.00m/0.87	5 shifts = 17.14	l m∕shift	
		Dri	lling leng	th by d	iameter	.		
Bit diameter		4″TB	92m	mφ			To	tal
Drilling length		0.00 m	15.00) m			15.0	00 m
Core length 0.00 m			5.00) m			5.0	00 m
		I	nserted	casing (pipes			
Inserted lengt	h by diameter	Inserted le	ngth / D	Drilling le	ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-29)

		Survey period	1		Breakdow	n of period		tal kers
	Per	riod	Tota	l days	Working days	No working days	Engineers	
Preparation	17 Aug., '02 4	~ 17 Aug., '02	0.0)31	0.03	_	0.125	0.3125
Drilling	17 Aug '02	~ 17 Aug., '02	0.4	138	Drilling : 0.44	_	1.75	4.375
Drining	17 Aug., 02 *	• 17 Aug., 02	0.4	130	Accident: 0.00	_	0	0
Dismount	17 Aug., '02 ·	~ 17 Aug., '02	0.031		0.03	-	0.125	0.3125
Total	17 Aug., '02 •	~ 17 Aug., '02	0.500		0.50	—	2	5
			Drilli	ng Leng	th			
Programmed I	ength	-	Ove	rburden	, sand & gravel,	Quarternary	10	.00 m
Prolongation		-		Core	e length		11.	00 m
Effective leng	th	20.00 m		Core	e recovery		10	0.0 %
	Workin	g hours			Core re	covery by each	10 meter	s
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 9.0	None core	None	core
Recovery from	n accident	-	-	-	9.0 - 10.0	100.0	100	
Subtotal		7.0 hrs	100%	70.0%	10.0 - 20.0	100.0	100	0.0
Preparation/s	etting up	0.5 hrs	-	5.0%				
Dismount/mol	bilization	0.5 hrs	-	5.0%				
Transportation	n of water	2.0 hrs	-	20.0%		Efficiency		
Others					Effective lengt	h / Working dri	lling days	
					= 20.00m/0.43	75 days = 45.7	lm/d	
					Effective lengt	h / Total drillin	g shifts =	
Total		10.0 hrs	-	100%	= 20.00m/0.87	5 shifts = 22.86	i m/shift	
		Dril	ling leng	th by di	ameter			
Bit diameter		4″TB	92m	mφ			Tot	al
Drilling length		0.00 m	20.00) m			20.0	10 m
Core length		0.00 m	11.00) m	1			0 m
	······································	I	nserted	casing p	pipes			
Inserted lengt	inserted length by diameter Inserted			ength / Drilling length		Casing re	covery	

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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-30)

· · · · · · · · · · · · · · · · · · ·		Survey period			Breakdowr	n of period		tal kers	
	Per	iod	Total	days	Working days	No working days	Engineers		
Preparation	18 Aug., '02 -	~ 18 Aug., '02	0.0	31	0.03	—	0.125	0.3125	
Drilling	18 Aug '02 c	~ 18 Aug., '02	0.4	38	Drilling : 0.44		1.75	4.375	
		10 Aug., 02			Accident: 0.00		0	0	
Dismount	18 Aug., '02 -	~ 18 Aug., '02	0.0	31	0.03	-	0.125	0.3125	
Total	18 Aug., '02 -	~ 18 Aug., '02	0.5	00	0.50		2	5	
			Drillir	ng Lengt	:h		-		
Programmed I	ength	_	Ove	rburden,	sand & gravel,	Quarternary	9	.00 m	
Prolongation				Core	length	19.0			
Effective leng	th	19.00 m		Core	e recovery	1			
	Workin	g hours			Core re	covery by each	10 meter	'S	
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	(m) Each (%) Cumula			
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 9.0	None core	core		
Recovery from	n accident	-	-	-	9.0 - 10.0	100.0	100.0		
Subtotal		7.0 hrs	100%	70.0%	10.0 - 19.0	100.0	100.0		
Preparation/s	etting up	0.5 hrs	-	5.0%					
Dismount/mo	bilization	0.5 hrs	-	5.0%					
Transportatio	n of water	2.0 hrs		20.0%		Efficiency			
Others					Effective lengt	h / Working dri	lling days		
					= 19.00m/0.43	75 days = 22.86	ôm∕d		
				•	Effective lengt	h / Total drillin	ıg shifts =		
Total		10.0 hrs	-	100%	= 19.00m/0.87	5 shifts = 11.43	3 m/shift		
		Dri	lling leng	gth by di	iameter				
Bit diameter		4″TB	92m	mφ			To	tal	
Drilling length		0.00 m	19.0	0 m			19.0	00 m	
Core length		0.00 m	10.0	0 m		10.00			
]	nserted	casing p	oipes				
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	ength	Casing re	covery		
						<u>.</u>			

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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-31)

	Survey period				Breakdow	n of period		tal kers	
	Per	riod	Tota	l days	Working days	No working days	Engineers	<u> </u>	
Preparation	18 Aug., '02 -	~ 18 Aug., '02	0.1	25	0.13		0.5	1.25	
Drilling	18 Aug '02 a	~ 19 Aug., '02	0.7	50	Drilling : 0.75	-	3	7.5	
Diming			0.7		Accident: 0.00	_	0	0	
Dismount	19 Aug., '02 -	~ 19 Aug., '02	0.1	25	0.13	-	0.5	1.25	
Total	18 Aug., '02 -	~ 19 Aug., '02	1.0	00	1.00		4	10	
			Drillin	ng Leng	th				
Programmed I	ength	_	Ove	rburden	, sand & gravel,	Quarternary	9	.50 m	
Prolongation		-		Core	e length		9	.50 m	
Effective leng	th	19.00 m		Core	e recovery	100			
	Workin	ig hours			Core re	Core recovery by each 10 met			
Drilling		8.0 hrs	66.7%	36.4%	Length (m)	(m) Each (%) Cumula			
Supplemental	drilling work	4.0 hrs	33.3%	18.2%	0 - 9.5	None core	None	core	
Recovery from	n accident	-	-	-	9.5 - 10.0	100.0	100).0	
Subtotal		12.0 hrs	100%	54.5%	10.0 - 19.0	100.0	100).0	
Preparation/s	etting up	2.0 hrs	-	9.1%					
Dismount/mo	bilization	2.0 hrs	-	9.1%					
Transportation	n of water	6.0 hrs	-	27.3%		Efficiency			
Others					Effective leng	th / Working dri	illing days		
					= 19.00m/0.75	i days = 25.33m	n/d		
					Effective leng	th / Total drillin	ng shifts =		
Total		22.0 hrs	_	100%	= 19.00m/1.50	shifts = 12.67	m/shift		
		Dri	lling leng	sth by d	iameter				
Bit diameter		4″TB	92m	mφ			То	tal	
Drilling length		0.00 m	19.0	0 m			19.(00 m	
Core length	· · · · · · · · · · · · · · · · · · ·	0.00 m	9.5	0 m		9.5			
		I	nserted	casing (pipes				
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	ength	Casing re	covery		

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-32)

	Survey period				Breakdowr	of period	1	ital kers	
	Per	iod	Total	days	Working days	No working days	Engineers		
Preparation	19 Aug., '02 ~	~ 19 Aug., '02	0.1	25	0.13		0.5	1.25	
D.:!!!!	10 Aug 202 -	. 20 Aug 102	0.7	50	Drilling : 0.75		3	7.5	
Drilling	19 Aug., '02 ~	✓ 20 Aug., 02	0.7	50	Accident: 0.00		0	0	
Dismount	20 Aug., '02 ~	~ 20 Aug., '02	0.1	25	0.13		0.5	1.25	
Total	19 Aug., '02 ~	~ 20 Aug., '02	1.0	00	1.00		4	10	
			Drillir	ng Lengt	:h				
Programmed I	ength	_	Ove	rburden,	sand & gravel,	Quarternary	8	.00 m	
Prolongation				Core	e length	7.0			
Effective leng	th	15.00 m		Core	e recovery		1	00.0 %	
	Workin	g hours			Core rea	ore recovery by each 10 meter			
Drilling		8.0 hrs	66.7%	40.0%	Length (m)	Each (%)	Cumu	ıla. (%)	
Supplemental	drilling work	4.0 hrs	33.3%	20.0%	0 - 8.0	None core	one core None c		
Recovery from	n accident	_	-	-	8.0 - 10.0	100.0	10		
Subtotal		12.0 hrs	100%	60.0%	10.0 - 15.0	100.0	10	0.0	
Preparation/s	setting up	2.0 hrs	-	10.0%					
Dismount/mo	bilization	2.0 hrs	-	10.0%					
Transportatio	n of water	4.0 hrs	-	20.0%		Efficiency			
Others					Effective lengt	h / Working dr	illing days		
					= 15.00m/0.75	days = 20.00n	n/d		
					Effective lengt	h / Total drillii	ng shifts =	:	
Total		20.0 hrs	_	100%	= 15.00m/1.50	shifts = 10.00	m/shift		
		Dr	illing len	gth by d	iameter				
Bit diameter		4″ТВ	92m	ım Ø			Тс	otal	
Drilling length		0.00 m	15.0	0 m			15.	00 m	
Core length		0.00 m	7.0	0 m			7.	00 m	
			Inserted	casing	pipes				
Inserted leng	th by diameter	Inserted le	ength / I	Drilling l	ength	Casing r	ecovery		
		· ·							

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-33)

		Survey period			Breakdow	n of period	1	tal kers	
	Per	iod	Tota	l days	Working days	No working days	Engineers		
Preparation	21 Aug., '02 -	~ 21 Aug., '02	0.0)31	0.03	—	0.125	0.3125	
Drilling	21 Aug '02 c	~ 21 Aug., '02	0.4	38	Drilling : 0.44		1.75	4.375	
Driming	21 Aug., 02	~ 21 Aug., 02	г. U. ч		Accident: 0.00		0	0	
Dismount	21 Aug., '02 -	~ 21 Aug., '02	0.0	31	0.03		0.125	0.3125	
Total	21 Aug., '02 -	~ 21 Aug., '02	0.5	i00	0.50		2	5	
			Drilli	ng Lengt	th				
Programmed I	ength	_	Ove	rburden	, sand & gravel,	Quarternary	8	.40 m	
Prolongation.		-		Core	e length		13	60 m	
Effective leng	th	22.00 m		Core	e recovery	1			
	Workin	g hours			Core re	covery by each	10 meter	s	
Drilling		5.0 hrs	71.4%	41.7%	Length (m)	Each (%)	Cumu	la. (%)	
Supplemental	drilling work	2.0 hrs	28.6%	16.7%	0 - 8.4	None core	re None co		
Recovery from	n accident	_	_	-	8.4 - 10.0	100.0	100.0		
Subtotal		7.0 hrs	100%	58.3%	10.0 -20.0 20.0 -22.0	100.0 100.0	100		
Preparation/s	etting up	0.5 hrs	-	4.2%					
Dismount/mol	bilization	0.5 hrs	-	4.2%					
Transportatio	n of water	4.0 hrs	-	33.3%		Efficiency			
Others					Effective lengt	h / Working dri	illing days		
					= 22.00m/0.43	75 days = 50.2	9m/d	<u> </u>	
					Effective lengt	h / Total drillin	ng shifts =		
Total		12.0 hrs		100%	= 22.00m/0.87	5 shifts = 25.14	l m/shift		
		Dri	lling len	sth by d	iameter				
Bit diameter		4″TB	92m	mφ			То	tal	
Drilling length		0.00 m	22.0	0 m			22.0)0 m	
Core length		0.00 m	13.6	13.60 m 1			13.0	30 m	
]	inserted	casing	pipes				
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	ength	Casing re	covery		

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Total Survey period Breakdown of period workers No working Period Total days Working days Engineers Workers days 15 Aug., '02 ~ 15 Aug., '02 Preparation 0.031 0.03 0.125 0.3125 Drilling : 0.44 ____ 1.75 4.375 0.438 Drilling 15 Aug., '02 ~ 15 Aug., '02 Accident: 0.00 0 0 _ 15 Aug., '02 ~ 15 Aug., '02 0.031 0.03 0.125 0.3125 Dismount ____ 15 Aug., '02 ~ 15 Aug., '02 0.500 0.50 _ 2 5 Total **Drilling Length** Overburden, sand & gravel, Quarternary 10.00 m Programmed length -Prolongation Core length 24.00 m _ 100.0 % Effective length 34.00 m Core recovery Core recovery by each 10 meters Working hours 71.4% 35.7% Length (m) Each (%) Cumula. (%) Drilling 5.0 hrs 0 - 10.0 None core Supplemental drilling work 2.0 hrs 28.6% 14.3% None core Recovery from accident _ · -10.0 - 20.0 100.0 100.0 20.0 - 30.0 30.0 - 34.0 100.0 100.0 100% 50.0% Subtotal 7.0 hrs 100.0 100.0 3.6% Preparation/setting up 0.5 hrs _ Dismount/mobilization 0.5 hrs 3.6% -Transportation of water 6.0 hrs 42.9% Efficiency -Others Effective length / Working drilling days = 34.00m/0.4375 days = 77.71m/d Effective length / Total drilling shifts = = 34.00m/0.875 shifts = 38.86 m/shift Total 14.0 hrs 100% Drilling length by diameter Bit diameter 4″TB $92 \text{mm} \phi$ Total 34.00 m **Drilling length** 0.00 m 34.00 m 24.00 m 24.00 m Core length 0.00 m Inserted casing pipes Inserted length by diameter Inserted length / Drilling length Casing recovery

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-34)

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-35)

		Survey period			Breakdowr	n of period		tal _{kers}	
	Per	iod	Tota	days	Working days	No working days	Engineers		
Preparation	20 Aug., '02 -	~ 20 Aug., '02	0.0	31	0.03		0.125	0.3125	
Deilline	20 Aur '02 a	. 20 Aug 202	0.4	20	Drilling : 0.44	_	1.75	4.375	
Drilling	20 Aug., 02 -	~ 20 Aug., '02	0.4	.30	Accident: 0.00	-	0	0	
Dismount	20 Aug., '02 -	~ 20 Aug., '02	0.0	31	0.03	—	0.125	0.3125	
Total	20 Aug., '02 -	~ 20 Aug., '02	0.5	00	0.50	<u> </u>	2	5	
			Drillin	ng Lengt	:h				
Programmed I	ength		Ove	rburden	, sand & gravel,	Quarternary	9	.00 m	
Prolongation		-		Core	e length	7.00			
Effective leng	th	16.00 m		Core	e recovery	y 10			
	Workin	g hours			Core re	Core recovery by each 10 meters			
Drilling		5.0 hrs	71.4%	41.7%	Length (m)	h (m) Each (%) Cumula			
Supplemental	drilling work	2.0 hrs	28.6%	16.7%	0 - 9.0	None core	core None co		
Recovery from	n accident	–	_	_	9.0 - 10.0	100.0	100.0		
Subtotal		7.0 hrs	100%	58.3%	10.0 - 16.0	100.0	100.0		
Preparation/s	etting up	0.5 hrs	-	4.2%					
Dismount/mo	bilization	0.5 hrs	-	4.2%					
Transportatio	n of water	4.0 hrs	-	33.3%		Efficiency			
Others					Effective lengt	h / Working dri	illing days		
					= 16.00m/0.43	75 days = 36.5	7m/d		
					Effective lengt	h / Total drillir	ng shifts =		
Total		12.0 hrs	_	100%	= 16.00m/0.87	5 shifts = 18.29) m/shift		
		Dri	lling leng	sth by d	iameter				
Bit diameter		4″TB	92m	mφ			То	tal	
Drilling length		0.00 m	16.0	0 m			16.	00 m	
Core length		0.00 m	7.0	0 m		7.00 r			
		I	nserted	casing	pipes				
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	ength	Casing re	covery		

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-36)

		I		Breakdow	n of period	1	otal kers	
	Per	iod	Tota	l days	Working days	No working days	Engineers	
Preparation	22 Aug., '02 ~	~ 22 Aug., '02	0.0)31	0.03	_	0.125	0.3125
Drilling	22 Aug 102 a	~ 22 Aug., '02		38	Drilling : 0.44	—	1.75	4.375
Uning		- 22 Aug., 02	0.4	100	Accident: 0.00		0	0
Dismount	22 Aug., '02 ~	~ 22 Aug., '02	0.0)31	0.03		0.125	0.3125
Total	22 Aug., '02 ~	~ 22 Aug., '02	0.5	i00	0.50		2	5
			Drilli	ng Leng	th	:		
Programmed I	ength	-	Ove	rburden	, sand & gravel,	Quarternary	4	.00 m
Prolongation		-		Core	e length		16	.00 m
Effective leng	th	20.00 m		Core	e recovery		1	00.0 %
	Workin	g hours			Core re	covery by each	n 10 meter	rs
Drilling		5.0 hrs	71.4%	50.0%	Length (m)	Each (%)	Cumu	la. (%)
Supplemental	drilling work	2.0 hrs	28.6%	20.0%	0 - 4.0	None core	None	core
Recovery from	n accident	-		-	4.0 - 10.0	100.0	100	
Subtotal		7.0 hrs	100%	70.0%	10.0 -20.0	100.0	100).0
Preparation/s	etting up	0.5 hrs	-	5.0%				
Dismount/mol	bilization	0.5 hrs	-	5.0%				
Transportation	n of water	2.0 hrs	-	20.0%		Efficiency		
Others					Effective lengt	h / Working dri	lling days	
					= 20.00m/0.43	75 days = 45.7	1m/d	
					Effective lengt	h / Total drillir	ıg shifts =	
Total		10.0 hrs	-	100%	= 20.00m/0.87	5 shifts = 22.80	∂ m∕shift	
		Dri	lling leng	gth by d	iameter			
Bit diameter		4″TB	92m	mφ			То	tal
Drilling length		0.00 m	20.0	0 m			20.0	00 m
Core length		0.00 m	18.0	0 m			18.0	00 m
		I	nserted	casing	pipes			
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	ength	Casing re	covery	

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-37)

		Survey period			Breakdow	n of period		otal kers
	Per	iod	Tota	l days	Working days	No working days	Engineers	
Preparation	21 Aug., '02 ~	~ 21 Aug., '02	0.0	31	0.03	-	0.125	0.3125
Defilling	01 Aur 202 -	. 21 A	0.4	20	Drilling : 0.44	-	1.75	4.375
Drilling	21 Aug., '02 ົ	♥ ZT Aug., UZ	0.4	30	Accident: 0.00	-	0	0
Dismount	21 Aug., '02 ~	~ 21 Aug., '02	0.0	31	0.03	-	0.125	0.3125
Total	21 Aug., '02 ~	~ 21 Aug., '02	0.5	00	0.50		2	5
			Drillin	ng Lengt	th			
Programmed	ength		Ove	rburden	, sand & gravel,	Quarternary	2	.00 m
Prolongation		-		Core	e length		19	.00 m
Effective leng	th	21.00 m		Core	e recovery		1	00.0 %
	Workin	g hours			Core re	covery by eacl	n 10 mete	rs
Drilling		5.0 hrs	71.4%	41.7%	Length (m)	Each (%)	Cumu	ıla. (%)
Supplemental	drilling work	2.0 hrs	28.6%	16.7%	0 - 8.4	None core	None	core
Recovery from	n accident	_	-	-	8.4 - 10.0	100.0	10	
Subtotal		7.0 hrs	100%	58.3%	10.0 -20.0 20.0 -21.0	100.0	10 10	
Preparation/s	etting up	0.5 hrs	-	4.2%				
Dismount/mo	bilization	0.5 hrs	-	4.2%				
Transportatio	n of water	4.0 hrs	-	33.3%		Efficiency		
Others					Effective leng	th / Working dr	illing days	
					= 21.00m/0.43	75 days = 48.0	0m/d	
					Effective leng	th / Total drilli	ng shifts =	:
Total		12.0 hrs	~	100%	= 21.00m/0.87	'5 shifts = 24.0	0 m/shift	
		Dri	illing len	gth by d	iameter			
Bit diameter		4″TB	92m	nm Ø			Тс	otal
Drilling length		0.00 m	21.0	0 m			21.	00 m
Core length		0.00 m	19.0	0 m			19.	00 m
			Inserted	casing	pipes			
Inserted leng	th by diameter	Inserted le	ength / [Drilling l	ength	Casing re	ecovery	
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Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-38)

		Survey period			Breakdow	n of period		otal kers	
	Per	iod	Tota	l days	Working days	No working days	Engineers	1	
Preparation	26 Aug., '02 -	~ 26 Aug., '02	0.0	03	0.03	_	0.125	0.3125	
Drilling	26 Aug '02 g	~ 26 Aug., '02	0.0	80	Drilling : 0.69		2.75	6.875	
Drining	20 Aug., 02 ·	- 20 Aug., 02	0.0	09	Accident: 0.00	· _	0	0	
Dismount	26 Aug., '02 ·	~ 26Aug., '02	0.0	03	0.03	-	0.125	0.3125	
Total	26 Aug., '02 -	~ 26 Aug., '02	0.	75	0.75		3	7.5	
			Drillir	ng Leng	th	· · · · ·			
Programmed	ength	-	Ove	rburden	, sand & gravel,	Quarternary	11	.00 m	
Prolongation		-		Core	e length	10.00			
Effective leng	th	21.00 m		Core	e recovery	10			
	Workin	ig hours			Core re	e recovery by each 10 meters			
Drilling		6.0 hrs	54.5%	33.3%	Length (m)	m) Each (%) Cumula			
Supplemental	drilling work	5.0 hrs	45.5%	27.8%	0 - 11.0	None core	e None co		
Recovery from	n accident	-		-	11.0 - 20.0	100.0	10	0.0	
Subtotal		11.0 hrs	100%	61.1%	20.0 - 21.0	100.0	10	0.0	
Preparation/s	etting up	0.5 hrs	-	2.8%					
Dismount/mo	bilization	0.5 hrs	-	2.8%					
Transportatio	n of water	6.0 hrs	-	33.3%		Efficiency			
Others					Effective leng	h / Working dr	illing days		
					= 21.00m/0.68	75 days = 30.5	5 m/d		
					Effective leng	h / Total drillir	ng shifts =		
Total		18.0 hrs	-	100%	= 21.00m/1.37	5 shifts = 15.27	7 m/shift		
		Dri	lling leng	gth by d	iameter				
Bit diameter		4″TB	92m	mφ			To	tal	
Drilling length		11.00 m	10.0	0 m			21.	00 m	
Core length		0.00 m	10.0	0 m		10.00			
		Ι	nserted	casing	pipes				
Inserted lengt	h by diameter	Inserted le	ngth / [Drilling le	lling length Casing recovery				
133mm Ø	11.00 m		52.38%	ó		100)%		

		Survey period Breakdown of period						tal kers	
	Per	riod	Tota	days	Working days	No working days	Engineers	Worker	
Preparation	24 Aug., '02 -	~ 24 Aug., '02	0.	13	0.13	-	0.5	1.25	
Duilling	24 Aug 202	- 25 Aug /02	1.0	20	Drilling : 1.09		4.375	10.938	
Drilling	24 Aug., 02 -	~ 25 Aug., '02		59	Accident: 0.00		0	0	
Dismount	25 Aug., '02 ·	~ 25Aug., '02	0.0	03	0.03	-	0.125	0.3125	
Total	24 Aug., '02 -	~ 25 Aug., '02	1.	25	1.25	<u> </u>	5	12.5	
			Drillir	ng Lengt	:h				
Programmed	length	-	Ove	rburden,	sand & gravel, (Quarternary	12	.00 m	
Prolongation		-		Core	e length	3.0			
Effective leng	th	15.00 m		Core	recovery				
	Workin	g hours			Core red	covery by each	n 10 meter	rs	
Drilling		12.0 hrs	68.6%	42.9%	Length (m)	(m) Each (%) Cum			
Supplemental	drilling work	5.5 hrs	31.4%	19.6%	0 - 12.0	None core	None	core	
Recovery from	n accident	-	-	1	12.0 - 15.0	100.0	100).0	
Subtotal		17.5 hrs	100%	62.5%					
Preparation/s	etting up	2.0 hrs	_	7.1%					
Dismount/mo	bilization	0.5 hrs	-	1.8%					
Transportatio	n of water	8.0 hrs	-	28.6%		Efficiency			
Others					Effective lengt	h / Working dr	illing days		
					= 15.00m/1.09	days = 13.71 r	m∕d		
					Effective lengt	h / Total drillir	ng shifts =		
Total		28.0 hrs	-	100%	= 15.00m/2.19	shifts = 6.86 n	n/ shift		
		Dri	lling leng	sth by di	ameter				
Bit diameter		4″TB	92m	mφ			То	tal	
Drilling length		12.00 m	3.0	0 m		15.00			
Core length		0.00 m	3.0	0 m		3.00 r			
]	nserted	casing (oipes				
Inserted leng	h by diameter	Inserted le	ngth / [Drilling le	g length Casing recovery				
133mm ϕ	12.00 m		80.00%	; ;		100	%		

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-39)

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-40)

		Survey period			Breakdow	n of period	Total workers		
	Per	iod	Tota	days	Working days	No working days	Engineers		
Preparation	25 Aug., '02 -	~ 25 Aug., '02	0.0	03	0.03	_	0.125	0.3125	
Duilling	25 Aur 202	- 25 Aug 102	0.0	80	Drilling : 0.69	_	2.75	6.875	
Drilling	20 Aug., 02 5	~ 25 Aug., '02	0.0	09	Accident: 0.00	-	0	0	
Dismount	25 Aug., '02 ·	~ 25Aug., '02	0.0	03	0.03	-	0.125	0.3125	
Total	25 Aug., '02 ~	~ 25 Aug., '02	0.	75	0.75		3.0	7.5	
			Drillir	ng Lengt	th	_			
Programmed I	ength	_	Ove	rburden	, sand & gravel,	& gravel, Quarternary			
Prolongation		-		Core	e length	3.50			
Effective leng	th	14.50 m		Core	e recovery	/ 100			
	Workin	g hours			Core re	Core recovery by each 10 meters			
Drilling		12.0 hrs	68.6%	42.9%	Length (m)	m) Each (%) Cumula			
Supplemental	drilling work	5.5 hrs	31.4%	19.6%	0 - 11.0	None core	None	core	
Recovery from	n accident	-	-		11.0 - 14.5	100.0	100.0		
Subtotal		17.5 hrs	100%	62.5%					
Preparation/s	etting up	2.0 hrs	-	7.1%					
Dismount/mo	bilization	0.5 hrs	-	1.8%					
Transportatio	n of water	8.0 hrs	-	28.6%		Efficiency			
Others					Effective lengt	h / Working dr	illing days		
					= 14.50m/0.69	days = 21.09 r	m/d		
					Effective lengt	h / Total drillir	ng shifts =		
Total		28.0 hrs	_	100%	= 14.50m/1.37	5 shifts =10.55	m/shift		
		Dri	lling len	gth by d	iameter		_		
Bit diameter		4″TB	92m	ım Ø			To	tal	
Drilling length		11.00 m	3.5	0 m			14.	50 m	
Core length		0.00 m	3.5	0 m		3.50			
]	nserted	casing	pipes				
Inserted leng	th by diameter	Inserted le	ngth / [Drilling lo	ength	Casing re	covery		
133mm ϕ	11.00 m		75.86%	6		100	1%		

Appendix 3-2 Miscellaneous Results of Individual Drillhole (MJBKE-41)

		Survey period			Breakdowr	n of period	1	ital kers	
	Per	iod	Tota	days	Working days	No working days	Engineers	r	
Preparation	26 Aug., '02 ~	~ 26 Aug., '02	0.0	03	0.03	-	0.125	0.3125	
Drilling	26 Aug., '02 ~	- 27 Aug '02	0.0	80	Drilling : 0.69		2.75	6.875	
Unling	20 Aug., 02 ^	~ 27 Aug., 02	0.0	5	Accident: 0.00		0	0	
Dismount	27 Aug., '02 🤆	~ 27Aug., '02	0.0	03	0.03		0.125	0.3125	
Total	26 Aug., '02 ~	~ 27 Aug., '02	0.1	75	0.75	-	3	7.5	
	· · · · · · · · · · · · · · · · · · ·		Drillir	ng Lengt	:h				
Programmed I	ength	-	Ove	rburden	, sand & gravel, (ravel, Quarternary 12.0			
Prolongation		-		Core	e length	9.00			
Effective leng	th	18.00 m		Core	e recovery	100			
<u></u>	Workin	g hours			Core re	ore recovery by each 10 mete			
Drilling		6.0 hrs	54.5%	33.3%	Length (m)) Each (%) Cumula			
Supplemental	drilling work	5.0 hrs	45.5%	27.8%	0 - 9.0	None core	None	core	
Recovery from	n accident	-	-	-	9.0 - 10.0	100.0	10		
Subtotal		11.0 hrs	100%	61.1%	10.0 - 18.0	100.0	100.0		
Preparation/s	etting up	0.5 hrs	-	2.8%					
Dismount/mo	bilization	0.5 hrs	-	2.8%					
Transportatio	n of water	6.0 hrs	-	33.3%		Efficiency			
Others					Effective lengt	h / Working dr	illing days		
					= 18.00m/0.68	75 days = 28.1	8 m/d		
					Effective lengt	h / Total drillir	ng shifts =		
Total		18.0 hrs	-	100%	= 18.00m/1.37	5 shifts = 13.09) m/shift		
	<u></u>	Dri	lling len	gth by d	iameter				
Bit diameter		4″TB	92m	ım Ø			To	otal	
Drilling length		9.00 m	9.0	0 m			18.	00 m	
Core length		0.00 m	9.0	0 m		9.00 г			
			Inserted	casing	pipes				
Inserted leng	th by diameter	Inserted le	ength / [Drilling lo	ing length Casing recovery				
133mm ϕ	10.00 m		55.56%	6		100	1%		
·····									